

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112219\
 Data File : BF117926.D
 Acq On : 22 Nov 2019 19:03
 Operator : JU
 Sample : PB125013BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB125013BS

Manual Integrations
 APPROVED

mohammad
 11/25/2019 8:19:28 AM

Quant Time: Nov 25 03:40:27 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF111319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 13 18:36:07 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	207678	20.00	ng	-0.02
21) Naphthalene-d8	8.20	136	1040194	20.00	ng	-0.02
39) Acenaphthene-d10	9.96	164	565247	20.00	ng	-0.02
64) Phenanthrene-d10	11.45	188	1032685	20.00	ng	-0.02
76) Chrysene-d12	14.10	240	665030	20.00	ng	-0.01
87) Perylene-d12	15.60	264	475454	20.00	ng	-0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	1665858	141.99	ng	0.00
7) Phenol-d6	6.54	99	2038823	144.07	ng	0.00
23) Nitrobenzene-d5	7.47	82	1174746	67.14	ng	-0.02
42) 2,4,6-Tribromophenol	10.76	330	735732	122.95	ng	-0.01
45) 2-Fluorobiphenyl	9.27	172	2301038	73.03	ng	-0.02
79) Terphenyl-d14	13.04	244	2417696	66.44	ng	-0.02

Target Compounds					Qvalue	
2) 1,4-Dioxane	2.78	88	193190	35.227	ng	97
3) Pyridine	3.54	79	502403	34.923	ng	99
4) n-Nitrosodimethylamine	3.49	42	274193	43.663	ng	96
6) Aniline	6.57	93	674268	36.056	ng	99
8) 2-Chlorophenol	6.70	128	715006	56.163	ng	97
9) Benzaldehyde	6.45	77	290500	29.260	ng	98
10) Phenol	6.56	94	847432	57.628	ng	97
11) bis(2-Chloroethyl)ether	6.65	93	644147	54.547	ng	97
12) 1,3-Dichlorobenzene	6.85	146	665484	44.401	ng	99
13) 1,4-Dichlorobenzene	6.92	146	668648	44.136	ng	97
14) 1,2-Dichlorobenzene	7.08	146	721860	49.821	ng	98
15) Benzyl Alcohol	7.05	79	638933	58.481	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.18	45	892866	49.109	ng	97
17) 2-Methylphenol	7.16	107	630089	58.444	ng	98
18) Hexachloroethane	7.42	117	281313	50.547	ng	93
19) n-Nitroso-di-n-propylamine	7.33	70	489759	56.099	ng	95
20) 3+4-Methylphenols	7.31	107	751850	56.180	ng	# 86
22) Acetophenone	7.32	105	980418	41.952	ng	# 97
24) Nitrobenzene	7.49	77	763094	42.273	ng	100
25) Isophorone	7.73	82	1435399	44.756	ng	98
26) 2-Nitrophenol	7.81	139	400219	45.551	ng	98
27) 2,4-Dimethylphenol	7.85	122	698407	51.155	ng	100
28) bis(2-Chloroethoxy)methane	7.94	93	840453	41.296	ng	99
29) 2,4-Dichlorophenol	8.05	162	659383	44.525	ng	98
30) 1,2,4-Trichlorobenzene	8.13	180	685489	39.905	ng	100
31) Naphthalene	8.22	128	2118651	43.690	ng	100
32) Benzoic acid	7.99	122	567899	49.678	ng	98
33) 4-Chloroaniline	8.26	127	559383	25.767	ng	99
34) Hexachlorobutadiene	8.33	225	394919	39.321	ng	99
35) Caprolactam	8.65	113	205675m	43.699	ng	
36) 4-Chloro-3-methylphenol	8.75	107	688159	45.787	ng	99
37) 2-Methylnaphthalene	8.91	142	1460698	44.581	ng	99
38) 1-Methylnaphthalene	9.01	142	1391006	44.906	ng	100
40) 1,2,4,5-Tetrachlorobenzene	9.08	216	646035	39.356	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.06	237	707305	76.888	nq	99
43) 2,4,6-Trichlorophenol	9.19	196	492938	41.925	nq	96
44) 2,4,5-Trichlorophenol	9.23	196	531967	43.576	nq	99
46) 1,1'-Biphenyl	9.38	154	1756559	41.887	nq	98
47) 2-Chloronaphthalene	9.40	162	1371141	39.745	nq	98
48) 2-Nitroaniline	9.50	65	439548	42.202	nq	96
49) Acenaphthylene	9.82	152	2159148	42.927	nq	99
50) Dimethylphthalate	9.68	163	1661683	41.922	nq	100
51) 2,6-Dinitrotoluene	9.74	165	385779	44.532	nq	97
52) Acenaphthene	9.99	154	1286594	39.931	nq	97
53) 3-Nitroaniline	9.91	138	294756	28.435	nq	96
54) 2,4-Dinitrophenol	10.02	184	427495	94.593	nq	90
55) Dibenzofuran	10.17	168	1718724	38.521	nq	99
56) 4-Nitrophenol	10.08	139	675484	87.301	nq	91
57) 2,4-Dinitrotoluene	10.15	165	466284	42.313	nq	95
58) Fluorene	10.51	166	1440544	41.664	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.28	232	436859	43.553	nq	99
60) Diethylphthalate	10.38	149	1643929	42.540	nq	99
61) 4-Chlorophenyl-phenylether	10.50	204	722216	41.160	nq	96
62) 4-Nitroaniline	10.53	138	379308	36.546	nq	99
63) Azobenzene	10.66	77	1462680	41.604	nq	96
65) 4,6-Dinitro-2-methylphenol	10.56	198	292644	60.703	nq	95
66) n-Nitrosodiphenylamine	10.62	169	1331728	44.311	nq	99
67) 4-Bromophenyl-phenylether	10.99	248	467871	41.990	nq	94
68) Hexachlorobenzene	11.06	284	544208	41.886	nq	96
69) Atrazine	11.15	200	450355	45.553	nq	98
70) Pentachlorophenol	11.26	266	643444	84.767	nq	99
71) Phenanthrene	11.48	178	2171481	41.824	nq	100
72) Anthracene	11.53	178	2181981	42.387	nq	99
73) Carbazole	11.68	167	1924497	42.782	nq	99
74) Di-n-butylphthalate	12.01	149	2337821	41.740	nq	99
75) Fluoranthene	12.67	202	2220045	47.348	nq	97
77) Benzidine	12.79	184	244836	11.239	nq	98
78) Pyrene	12.90	202	2154375	40.085	nq	99
80) Butylbenzylphthalate	13.52	149	910364	39.438	nq	97
81) Benzo(a)anthracene	14.09	228	1796866	40.888	nq	99
82) 3,3'-Dichlorobenzidine	14.05	252	548396	35.675	nq	99
83) Chrysene	14.13	228	1660762	39.000	nq	100
84) Bis(2-ethylhexyl)phthalate	14.07	149	1257397	44.931	nq	99
85) Di-n-octyl phthalate	14.69	149	1900739	46.232	nq	99
86) Indeno(1,2,3-cd)pyrene	17.13	276	1409494	38.890	nq	99
88) Benzo(b)fluoranthene	15.16	252	1552030	50.243	nq	99
89) Benzo(k)fluoranthene	15.19	252	1455132	49.995	nq	99
90) Benzo(a)pyrene	15.54	252	1295840	47.706	nq	100
91) Dibenzo(a,h)anthracene	17.15	278	1159661	49.601	nq	99
92) Benzo(g,h,i)perylene	17.60	276	1170321	50.256	nq	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

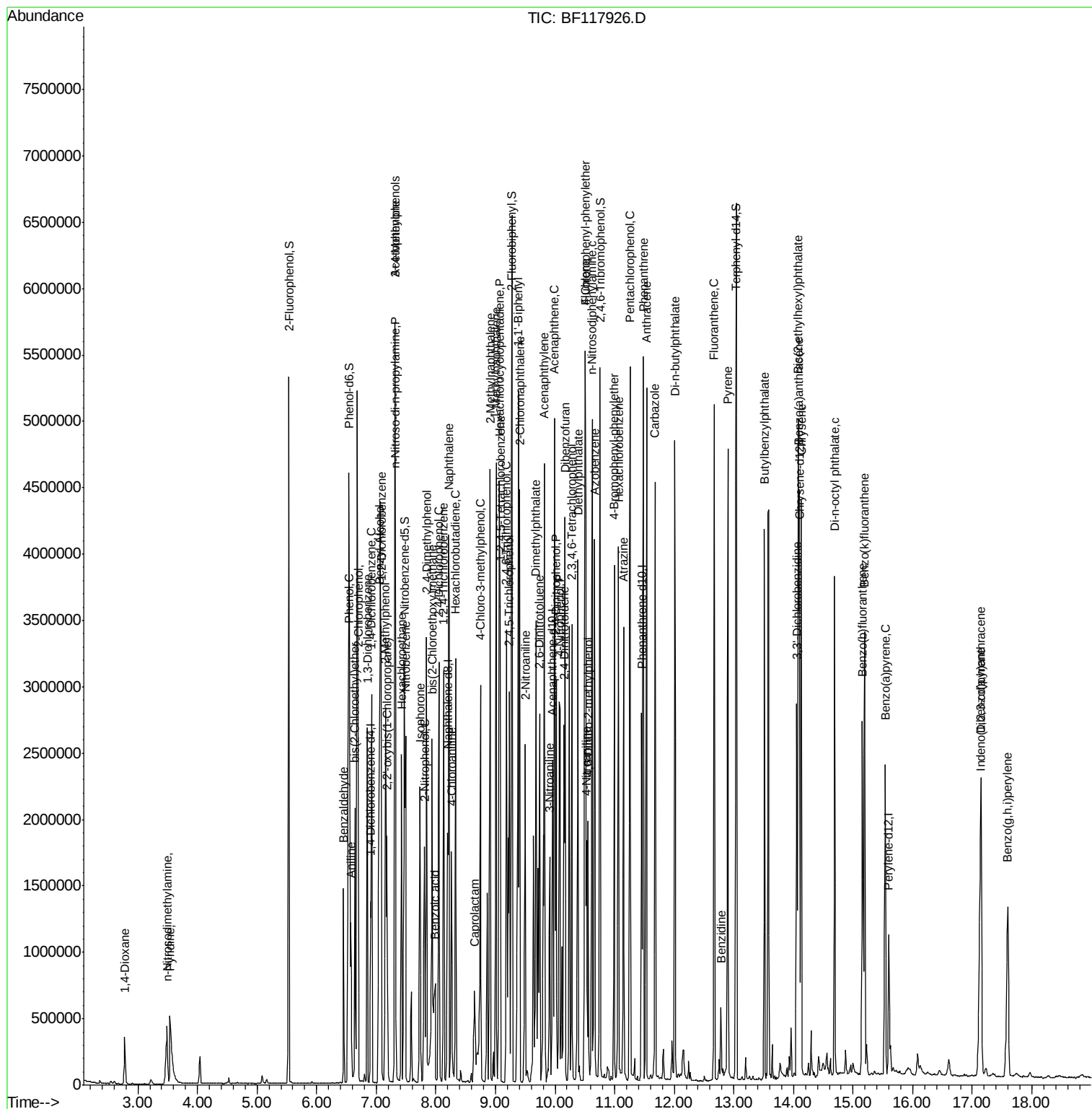
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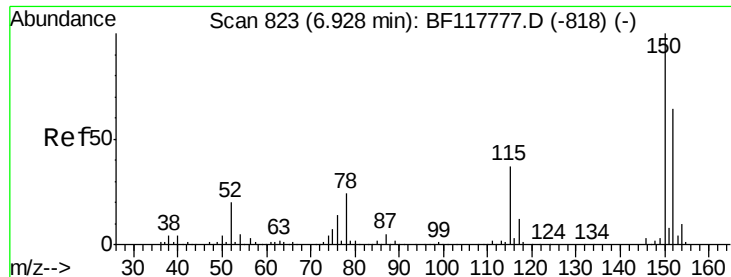
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#1

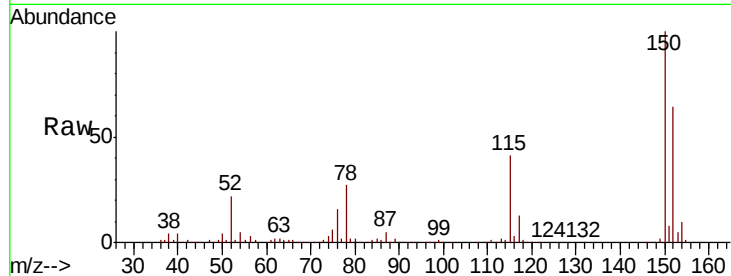
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.90 min Scan# 819
Delta R.T. -0.02 min
Lab File: BF117926.D
Acq: 22 Nov 2019 19:03

Instrument :
BNA_F
ClientSampleId :
PB125013BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.3	125.3	187.9
115	63.4	47.0	70.4

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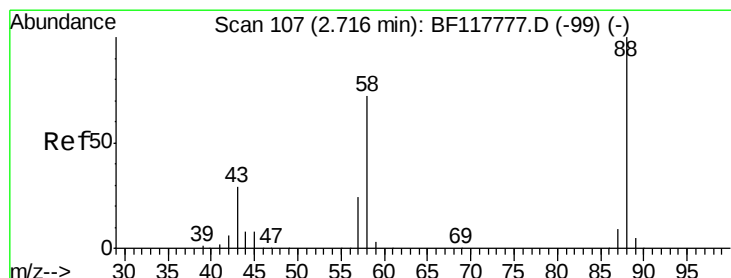
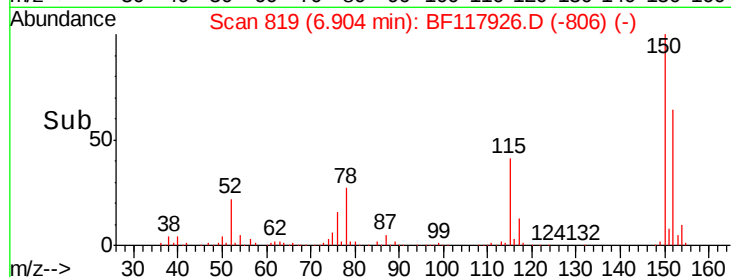
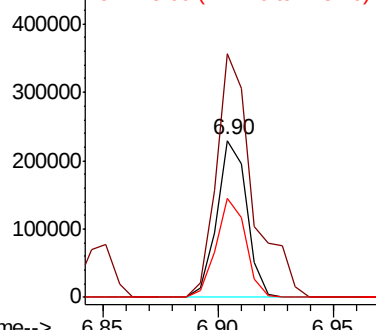


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

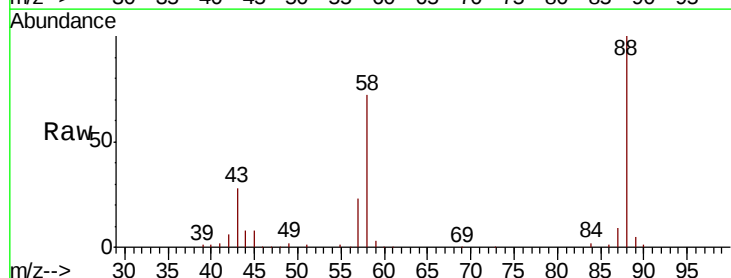
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 35.227 ng
RT: 2.78 min Scan# 118
Delta R.T. 0.06 min
Lab File: BF117926.D
Acq: 22 Nov 2019 19:03

Tgt Ion	Ratio	Lower	Upper
88	100		
58	69.5	58.2	87.2
43	28.1	23.3	34.9

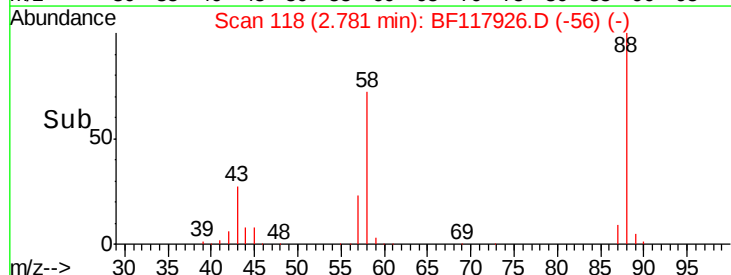
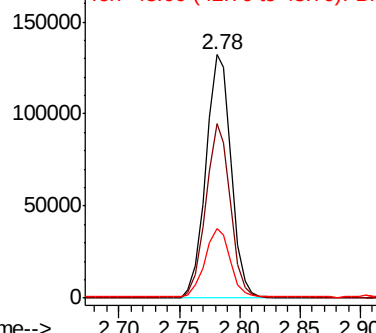


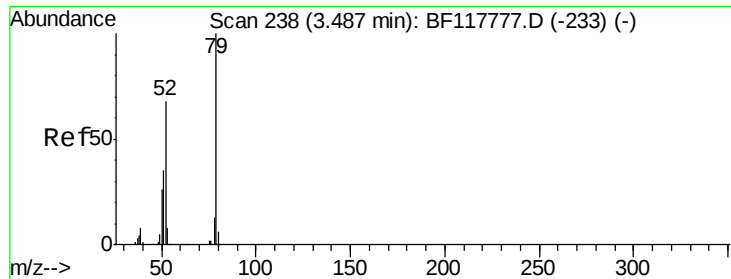
Abundance

Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1





#3

Pvridine

Concen: 34.923 ng

RT: 3.54 min Scan# 247

Delta R.T. 0.05 min

Lab File: BF117926.D

Acq: 22 Nov 2019 19:03

Instrument :

BNA_F

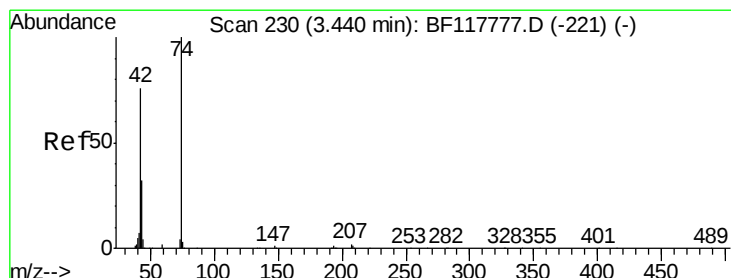
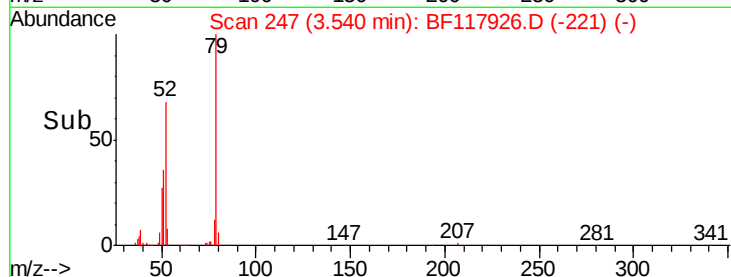
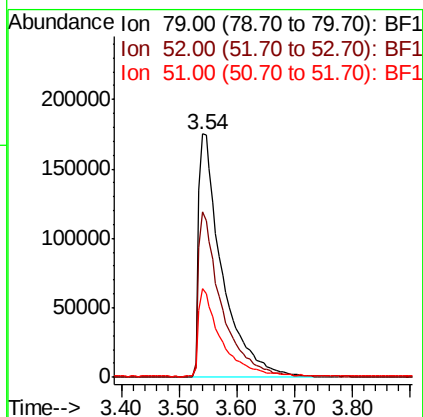
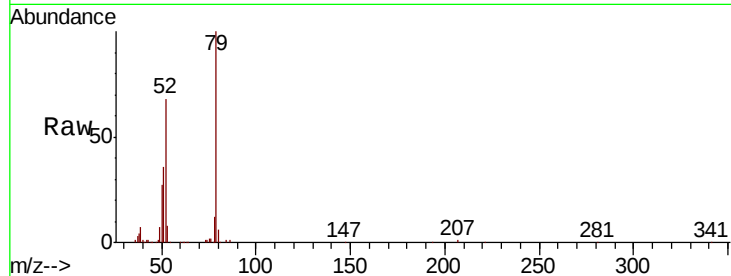
ClientSampleId :

PB125013BS

Tot Ion:	79	Resp:	502403
Ion Ratio	Lower	Upper	
79	100		
52	67.8	54.8	82.2
51	36.3	28.2	42.4

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#4

n-Nitrosodimethylamine

Concen: 43.663 ng

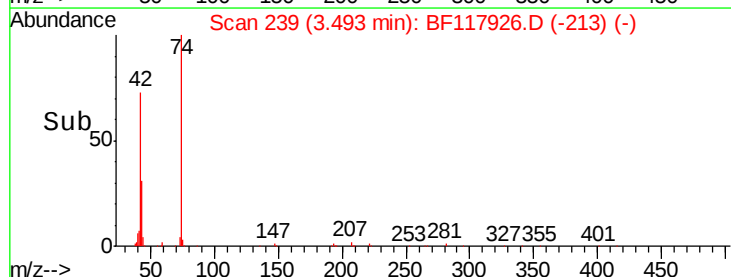
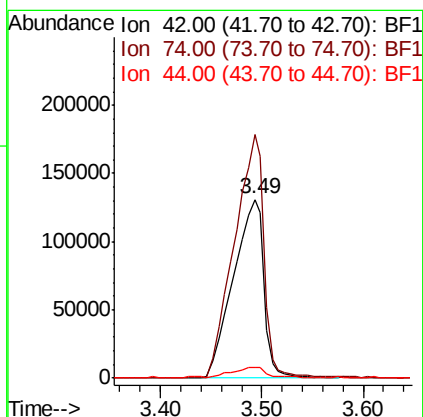
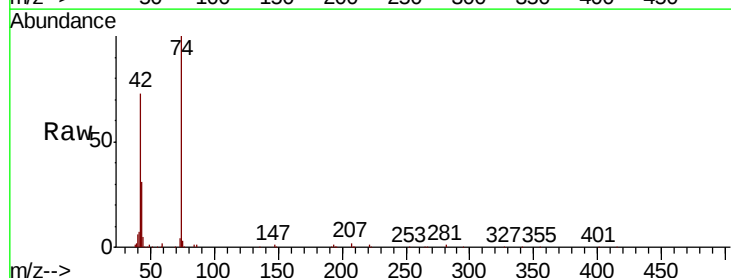
RT: 3.49 min Scan# 239

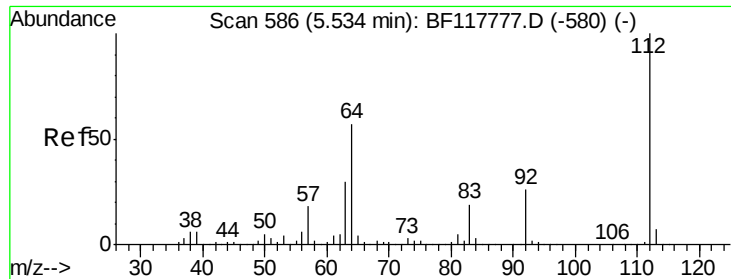
Delta R.T. 0.05 min

Lab File: BF117926.D

Acq: 22 Nov 2019 19:03

Tgt Ion:	42	Resp:	274193
Ion Ratio	Lower	Upper	
42	100		
74	136.4	105.1	157.7
44	6.2	4.6	7.0





#5

2-Fluorophenol

Concen: 141.986 ng

RT: 5.53 min Scan# 586

Delta R.T. -0.00 min

Lab File: BF117926.D

Acq: 22 Nov 2019 19:03

Instrument :

BNA_F

ClientSampleId :

PB125013BS

Tot Ion: 112 Resp: 1665858

Ion Ratio Lower Upper

112 100

64 56.5 45.6 68.4

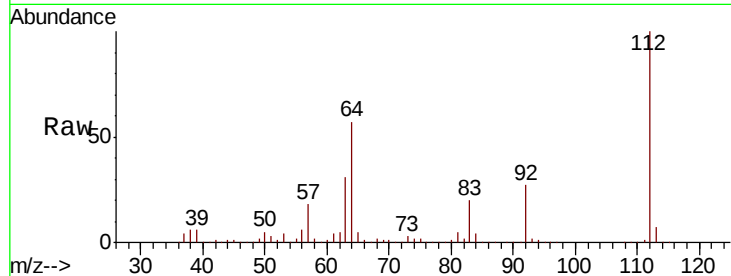
63 31.1 24.1 36.1

Manual Integrations

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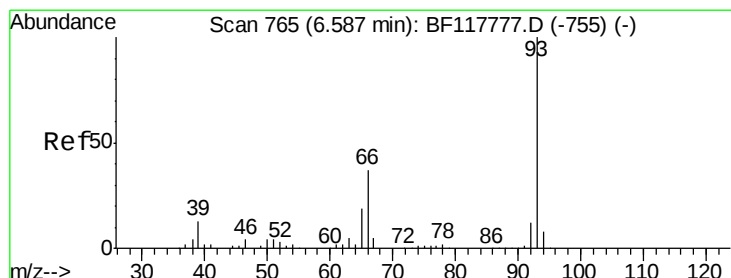
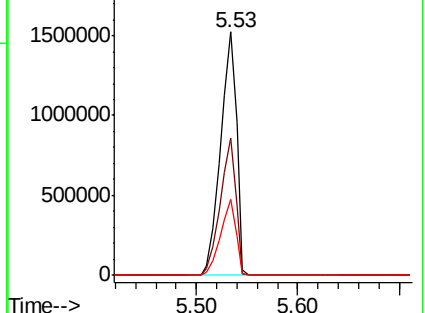
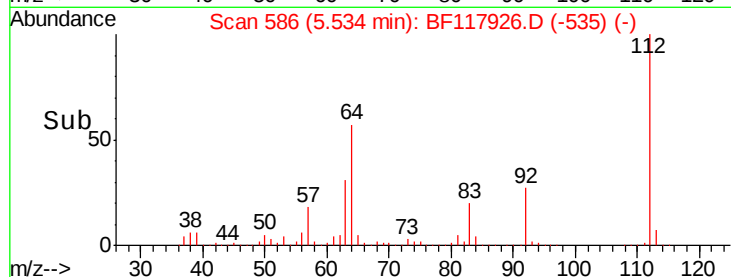
11/25/2019 8:19:28 AM



Abundance Ion 112.00 (111.70 to 112.70): BF117926.D (-535) (-)

Ion 64.00 (63.70 to 64.70): BF117926.D (-535) (-)

Ion 63.00 (62.70 to 63.70): BF117926.D (-535) (-)



#6

Aniline

Concen: 36.056 ng

RT: 6.57 min Scan# 763

Delta R.T. -0.01 min

Lab File: BF117926.D

Acq: 22 Nov 2019 19:03

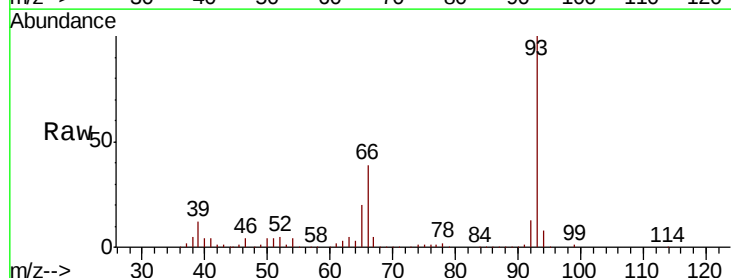
Tgt Ion: 93 Resp: 674268

Ion Ratio Lower Upper

93 100

66 38.6 30.6 45.8

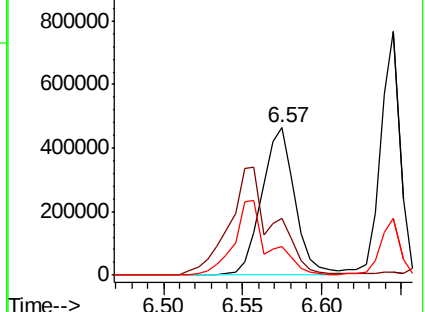
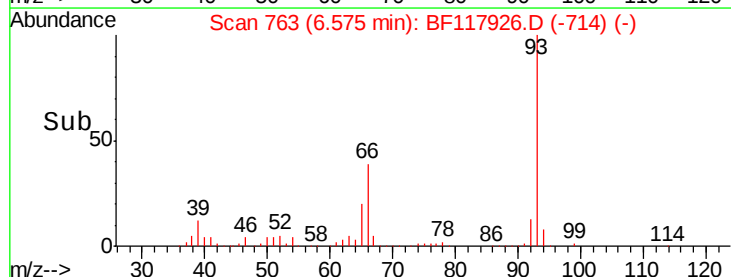
65 19.7 15.6 23.4

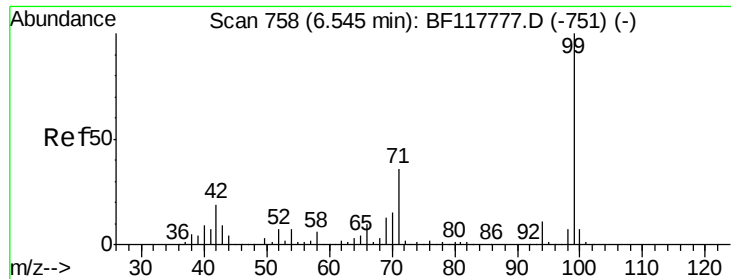


Abundance Ion 93.00 (92.70 to 93.70): BF117926.D (-714) (-)

Ion 66.00 (65.70 to 66.70): BF117926.D (-714) (-)

Ion 65.00 (64.70 to 65.70): BF117926.D (-714) (-)





#7

Phenol-d6

Concen: 144.073 ng

RT: 6.54 min Scan# 757

Delta R.T. -0.01 min

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Instrument :

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PB125013BS

Tot Ion: 99 Resp: 2038823

Ion Ratio Lower Upper

99 100

42 18.5 14.9 22.3

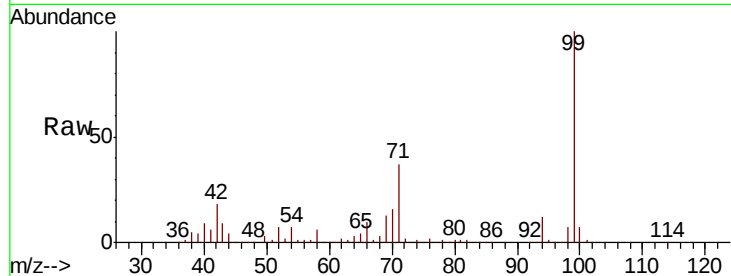
71 36.7 28.6 43.0

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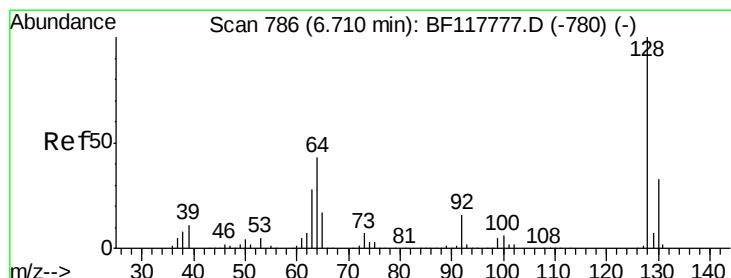
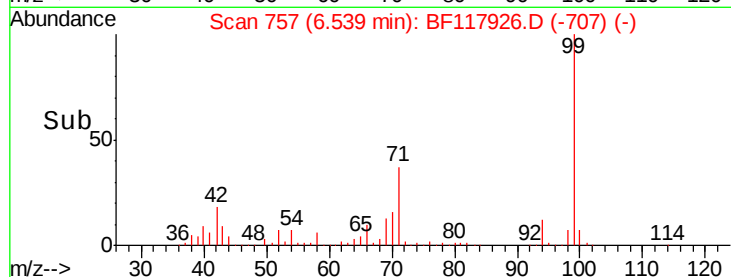
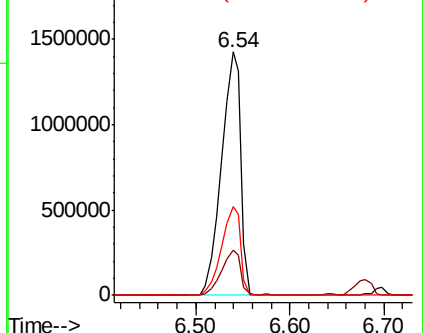
11/25/2019 8:19:28 AM



Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 56.163 ng

RT: 6.70 min Scan# 784

Delta R.T. -0.01 min

Lab File: BF117926.D

Acq: 22 Nov 2019 19:03

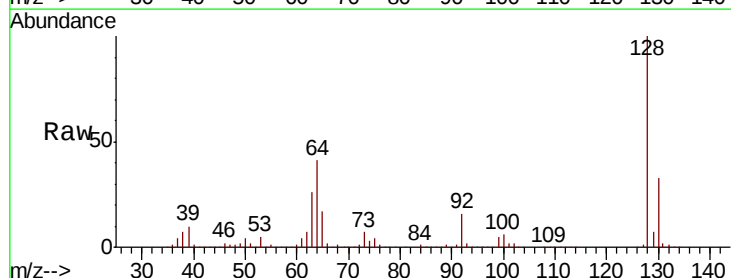
Tgt Ion:128 Resp: 715006

Ion Ratio Lower Upper

128 100

130 33.3 13.2 53.2

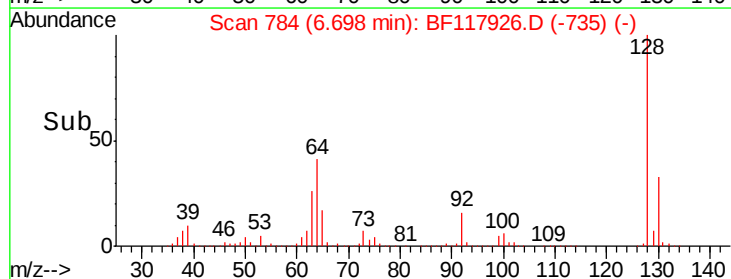
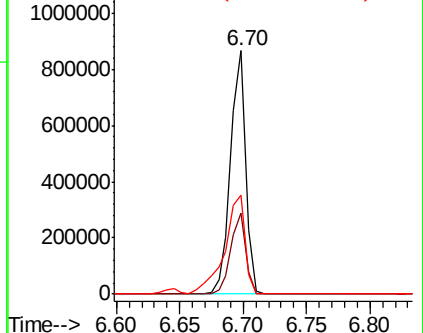
64 40.7 23.7 63.7

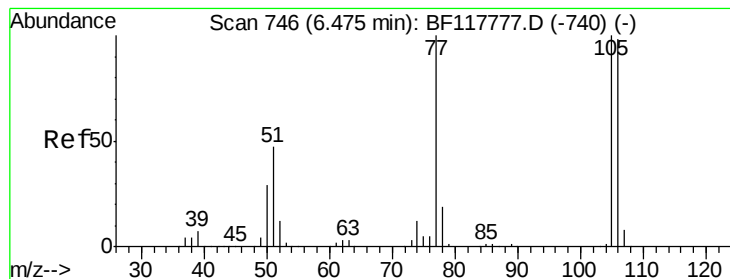


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 29.260 ng

RT: 6.45 min Scan# 742

Delta R.T. -0.02 min

Lab File: BF117926.D

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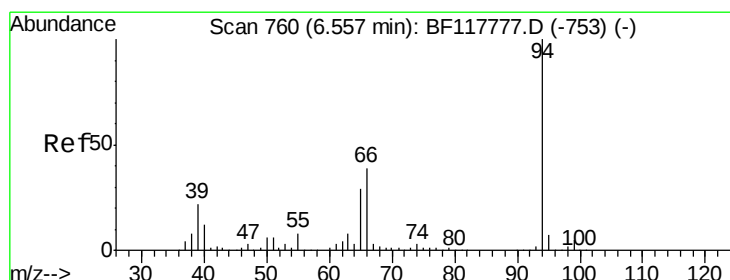
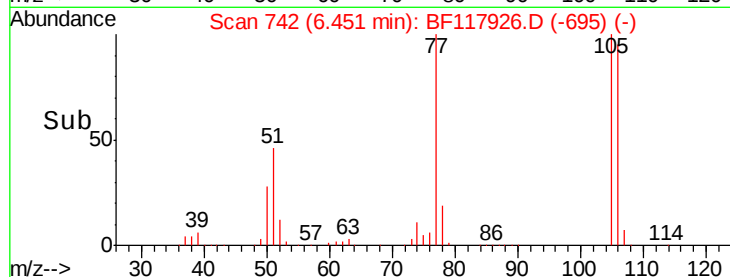
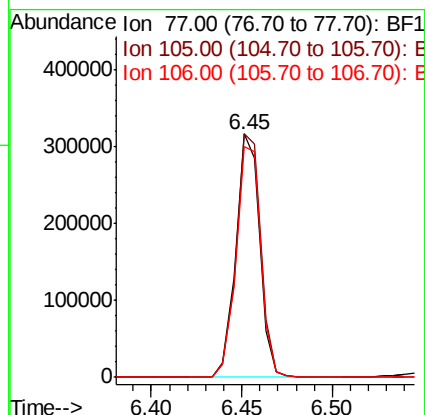
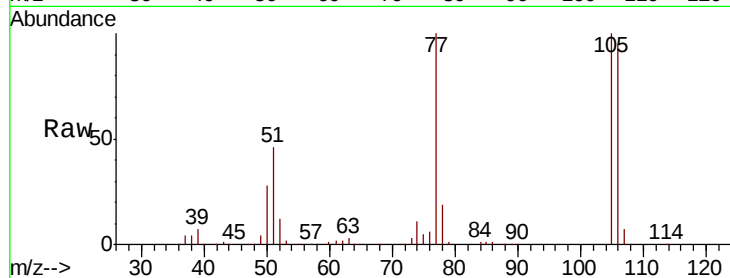
ClientSampleId :

PB125013BS

Tot Ion:	77	Resp:	290500
Ion	Ratio	Lower	Upper
77	100		
105	99.9	80.2	120.2
106	94.8	78.4	118.4

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#10

Phenol

Concen: 57.628 ng

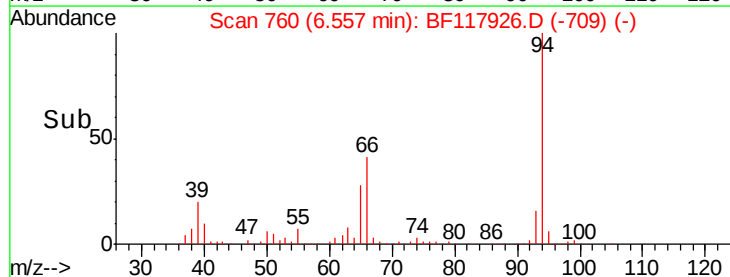
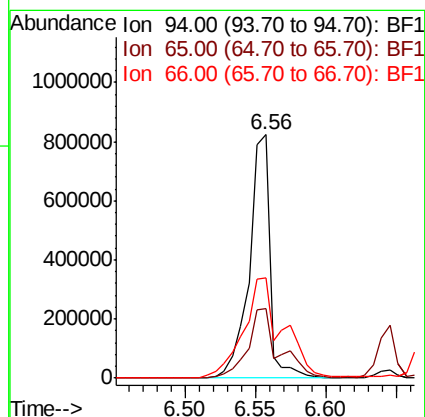
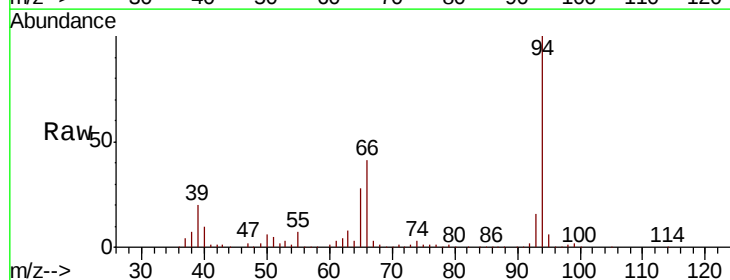
RT: 6.56 min Scan# 760

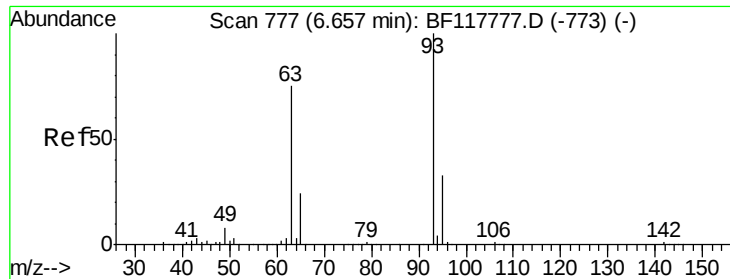
Delta R.T. -0.00 min

Lab File: BF117926.D

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Tgt Ion:	94	Resp:	847432
Ion	Ratio	Lower	Upper
94	100		
65	28.3	8.9	48.9
66	41.3	18.7	58.7





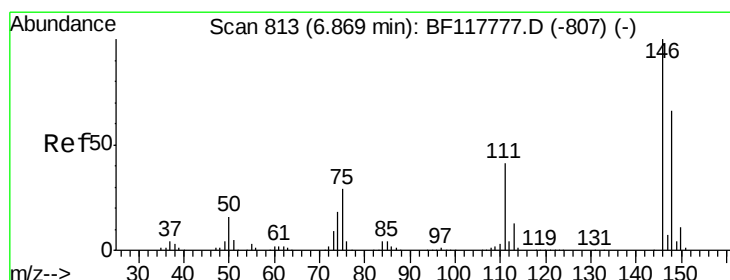
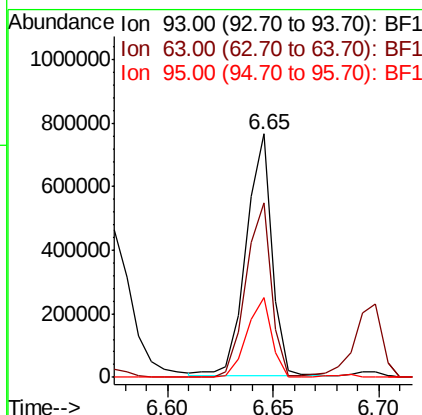
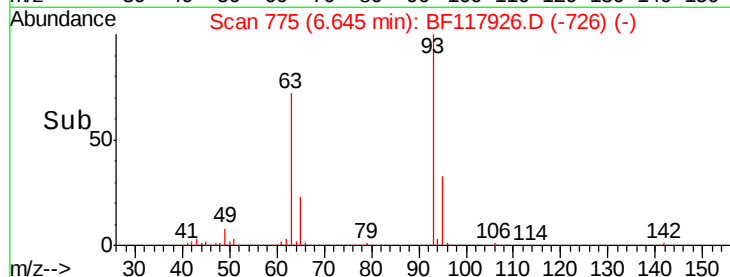
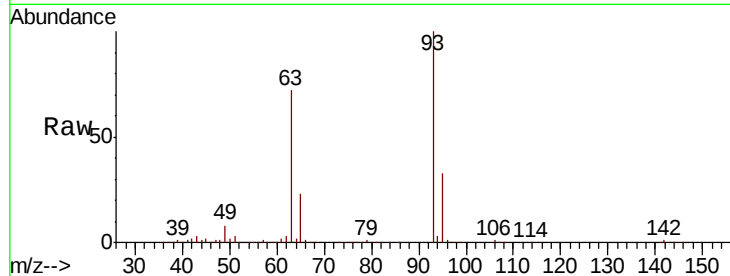
#11
bis(2-Chloroethyl)ether
Concen: 54.547 ng
RT: 6.65 min Scan# 775
Delta R.T. -0.01 min
Lab File: BF117926.D
Acq: 22 Nov 2019 19:03

Instrument :
BNA_F
ClientSampleId :
PB125013BS

Tot Ion	Ratio	Lower	Upper
93	100		
63	71.6	54.8	94.8
95	32.7	12.7	52.7

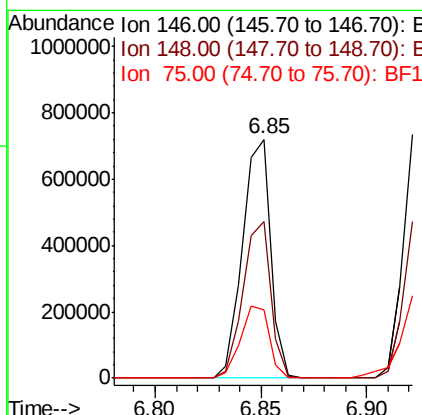
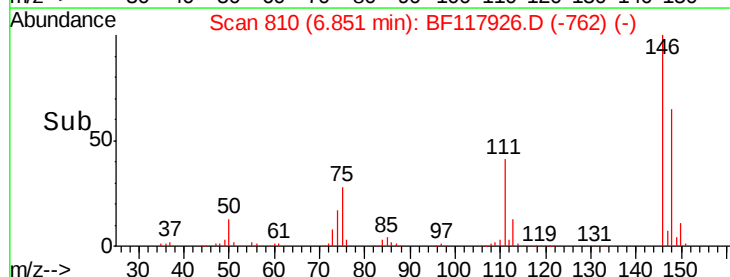
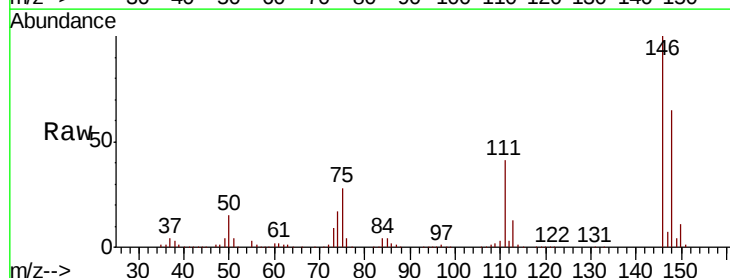
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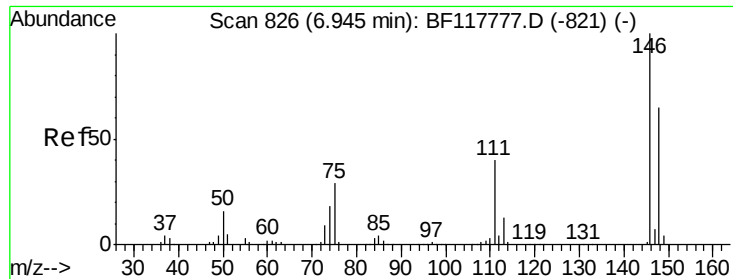
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#12
1,3-Dichlorobenzene
Concen: 44.401 ng
RT: 6.85 min Scan# 810
Delta R.T. -0.02 min
Lab File: BF117926.D
Acq: 22 Nov 2019 19:03

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.3	52.8	79.2
75	28.4	23.4	35.0





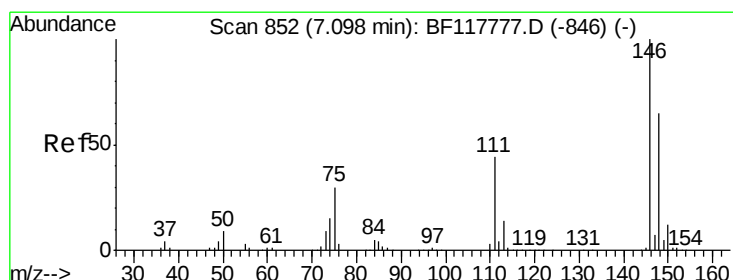
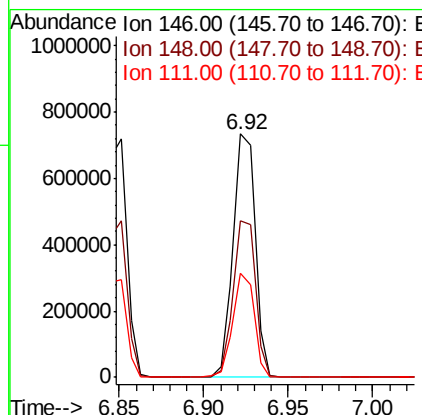
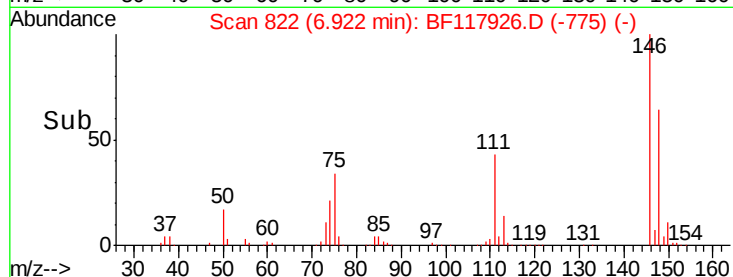
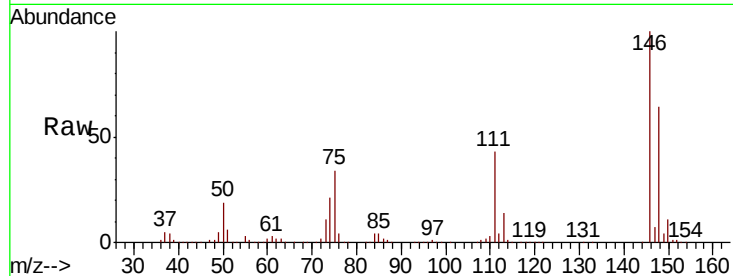
#13
 1,4-Dichlorobenzene
 Concen: 44.136 ng
 RT: 6.92 min Scan# 822
 Delta R.T. -0.02 min
 Lab File: BF117926.D
 Acq: 22 Nov 2019 19:03

Instrument :
 BNA_F
 ClientSampleId :
 PB125013BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.2	52.3	78.5
111	42.9	32.2	48.4

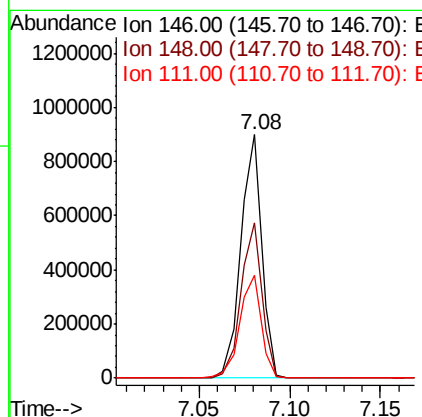
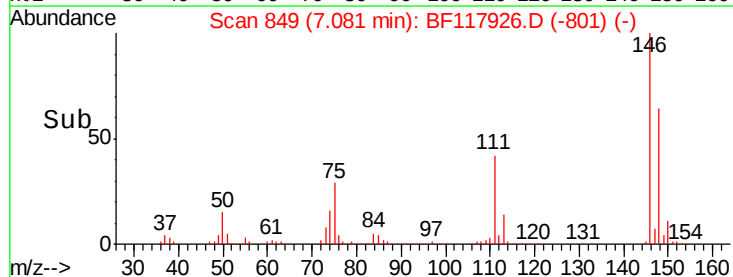
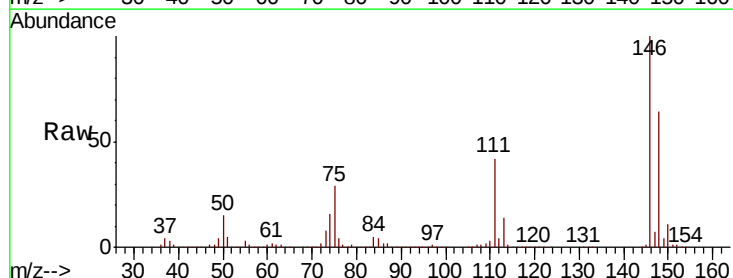
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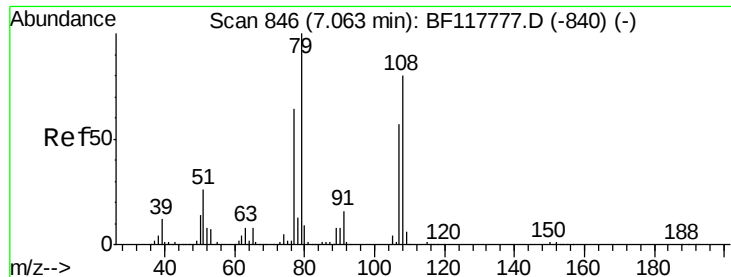
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#14
 1,2-Dichlorobenzene
 Concen: 49.821 ng
 RT: 7.08 min Scan# 849
 Delta R.T. -0.02 min
 Lab File: BF117926.D
 Acq: 22 Nov 2019 19:03

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.9	51.8	77.8
111	42.3	35.0	52.6





#15

Benzyl Alcohol

Concen: 58.481 ng

RT: 7.05 min Scan# 844

Delta R.T. -0.01 min

Lab File: BF117926.D

Acq: 22 Nov 2019 19:03

Instrument :

BNA_F

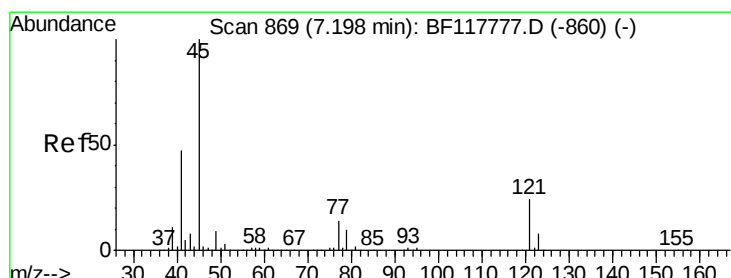
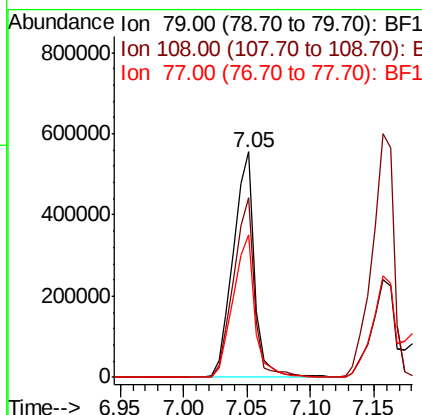
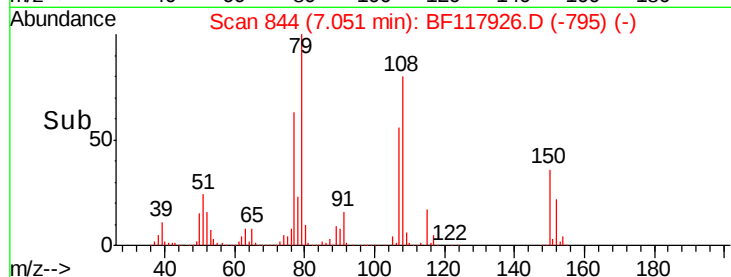
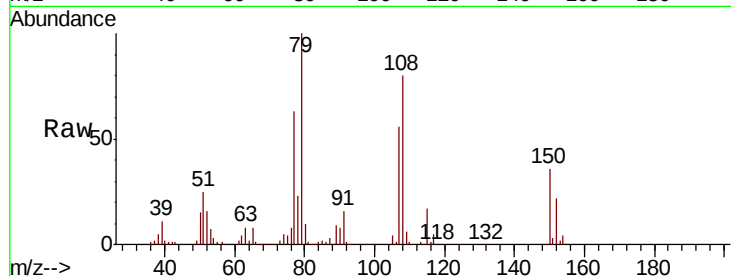
ClientSampleId :

PB125013BS

Tot Ion:	79	Resp:	638933
Ion Ratio	Lower	Upper	
79	100		
108	79.8	64.1	96.1
77	63.1	51.3	76.9

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#16

2,2'-oxybis(1-chloropropane)

Concen: 49.109 ng

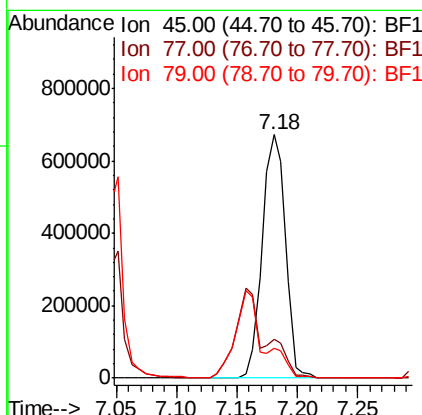
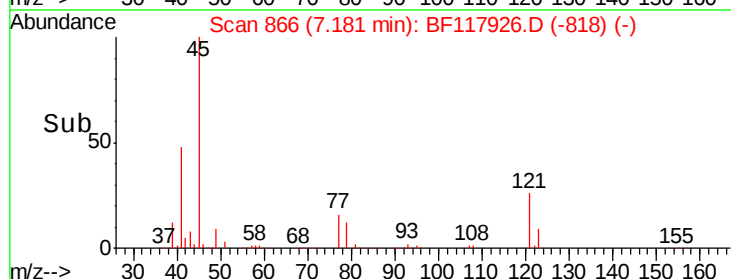
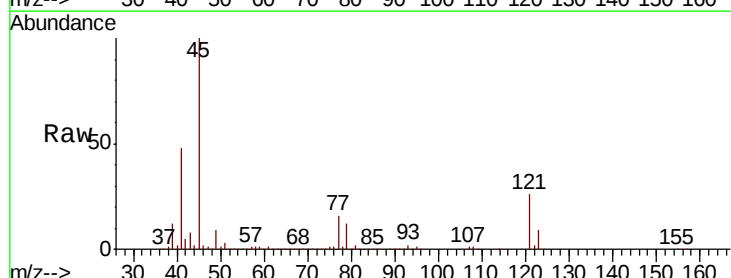
RT: 7.18 min Scan# 866

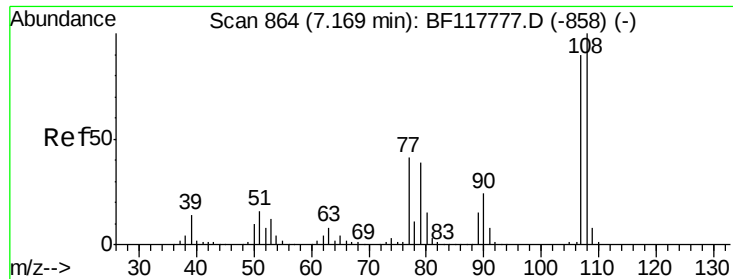
Delta R.T. -0.02 min

Lab File: BF117926.D

Acq: 22 Nov 2019 19:03

Tgt Ion:	45	Resp:	892866
Ion Ratio	Lower	Upper	
45	100		
77	16.1	0.0	35.0
79	12.2	0.0	31.1





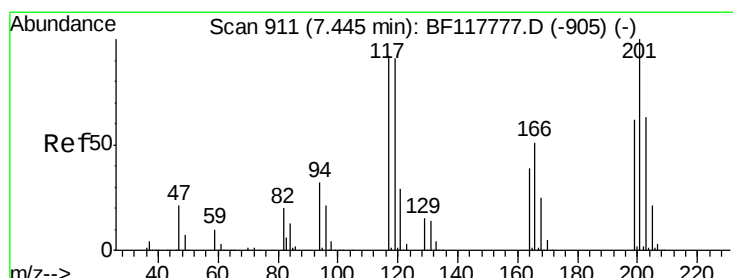
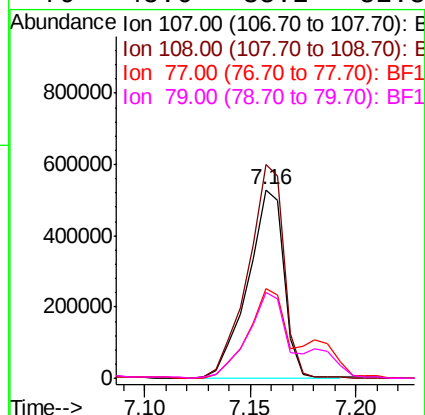
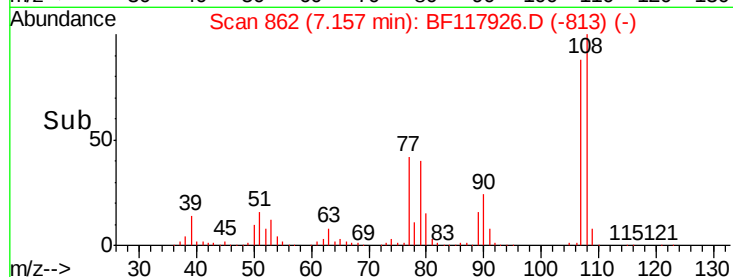
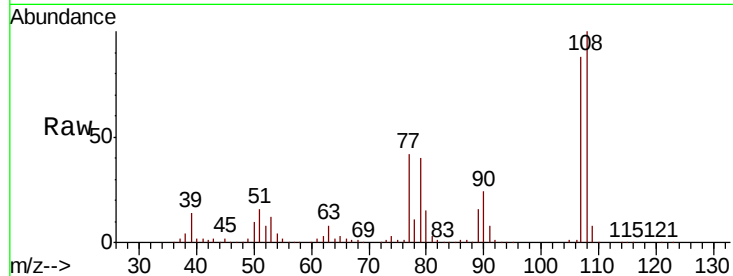
#17
2-Methylphenol
Concen: 58.444 ng
RT: 7.16 min Scan# 862
Delta R.T. -0.01 min
Lab File: BF117926.D
Acq: 22 Nov 2019 19:03

Instrument :
BNA_F
ClientSampleId :
PB125013BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	113.5	89.1	133.7	
77	47.3	36.6	54.8	
79	45.6	35.2	52.8	

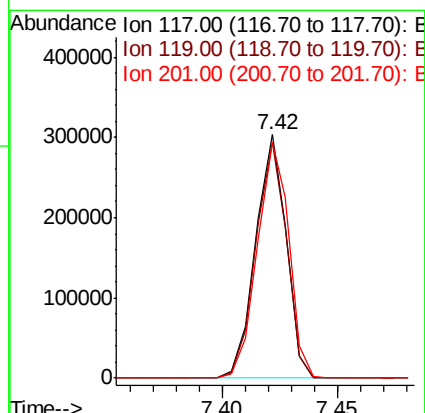
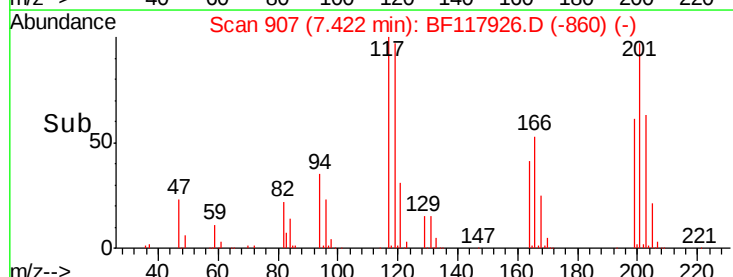
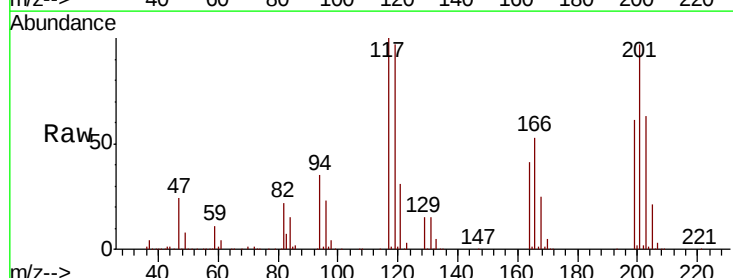
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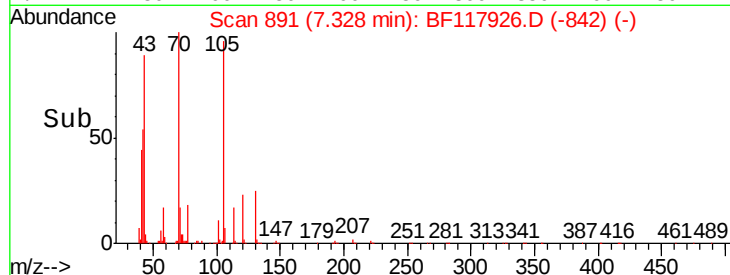
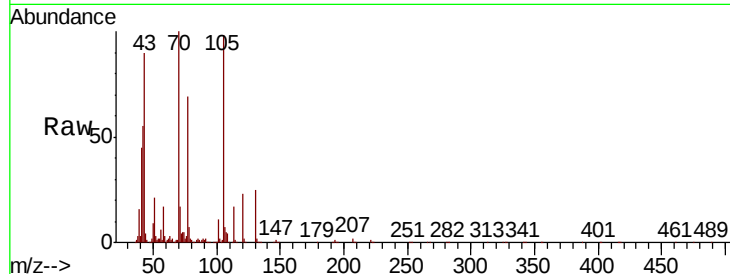
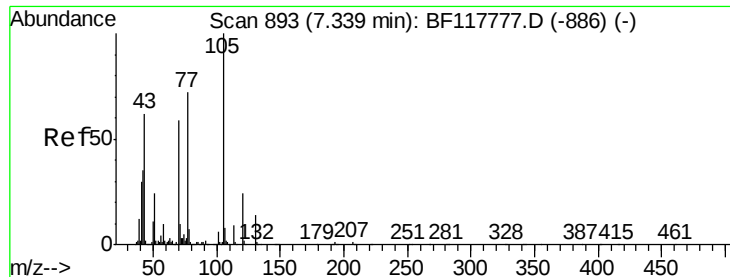
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#18
Hexachloroethane
Concen: 50.547 ng
RT: 7.42 min Scan# 907
Delta R.T. -0.02 min
Lab File: BF117926.D
Acq: 22 Nov 2019 19:03

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	96.7	78.7	118.1	
201	96.8	86.5	129.7	





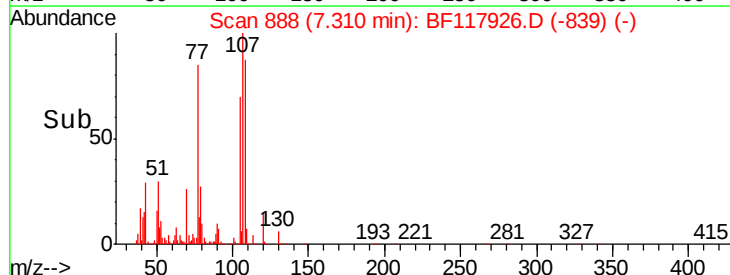
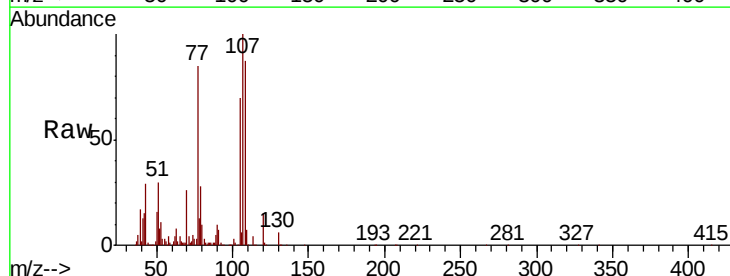
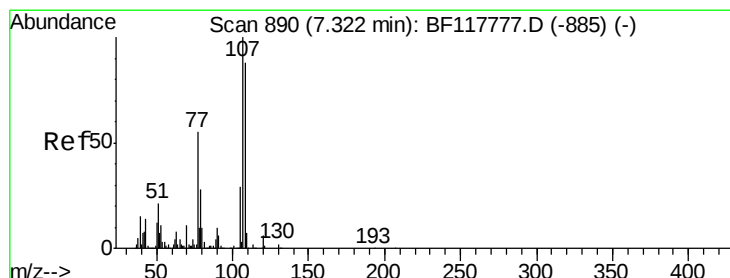
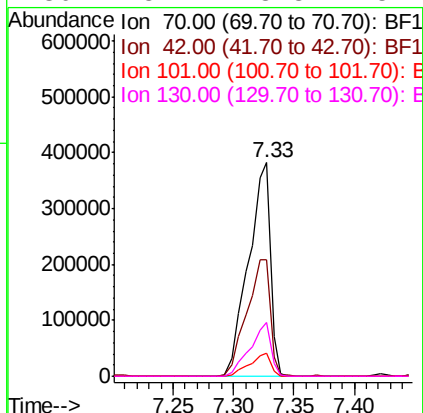
#19
n-Nitroso-di-n-propylamine
Concen: 56.099 ng
RT: 7.33 min Scan# 891
Delta R.T. -0.01 min
Lab File: BF117926.D
Acq: 22 Nov 2019 19:03

Instrument :
BNA_F
ClientSampleId :
PB125013BS

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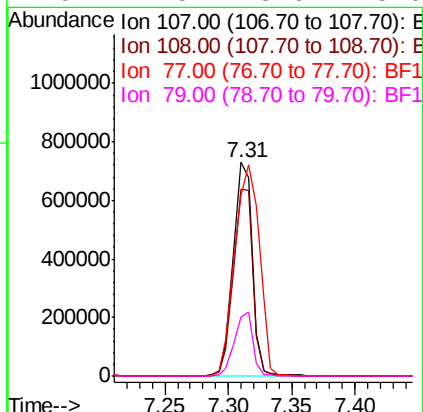
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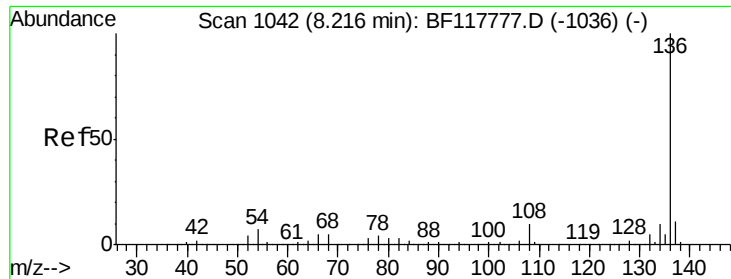
Tot Ion	Ratio	Lower	Upper
70	100		
42	54.6	47.4	71.2
101	10.6	8.4	12.6
130	25.4	18.8	28.2



#20
3+4-Methylphenols
Concen: 56.180 ng
RT: 7.31 min Scan# 888
Delta R.T. -0.01 min
Lab File: BF117926.D
Acq: 22 Nov 2019 19:03

Tgt Ion	Ratio	Lower	Upper
107	100		
108	87.4	68.4	108.4
77	84.7	35.2	75.2#
79	27.5	8.6	48.6





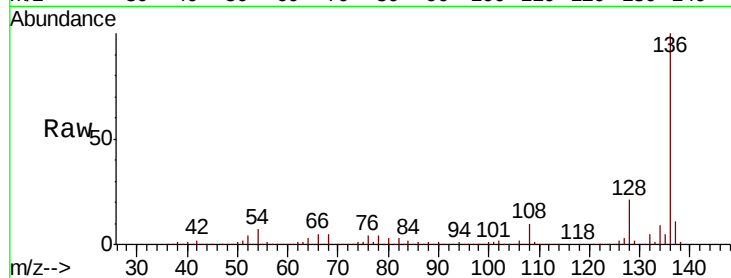
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.20 min Scan# 1039
Delta R.T. -0.02 min
Lab File: BF117926.D
Acq: 22 Nov 2019 19:03

Instrument :
BNA_F
ClientSampleId :
PB125013BS

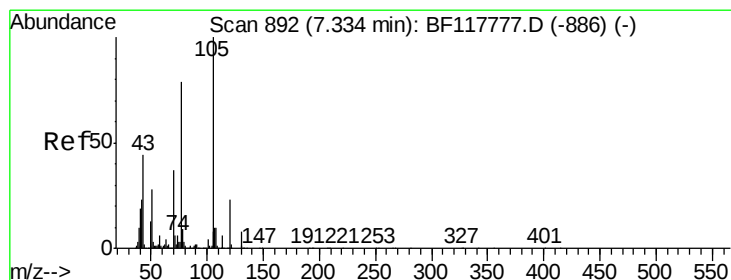
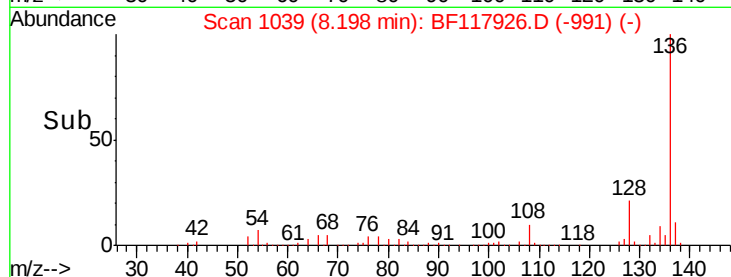
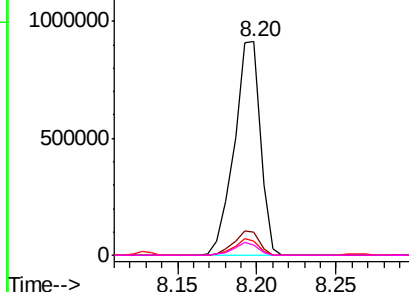
Tot Ion	136	Resp	1040194
Ion	Ratio	Lower	Upper
136	100		
137	10.7	9.0	13.4
54	6.6	5.4	8.2
68	5.0	4.3	6.5

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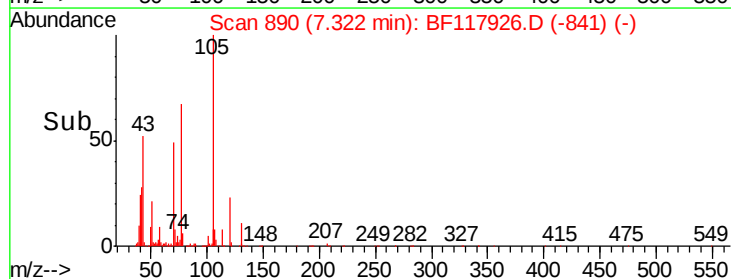
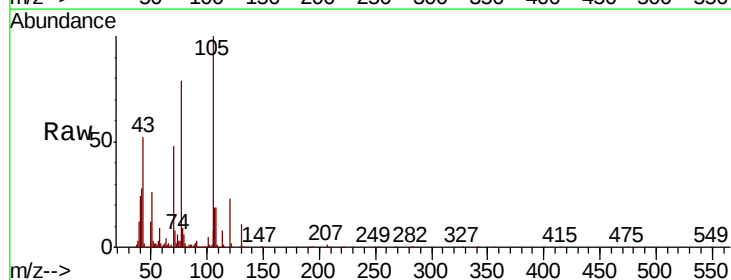
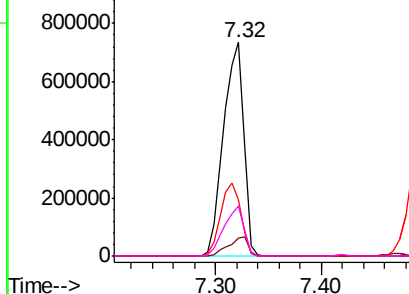
Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

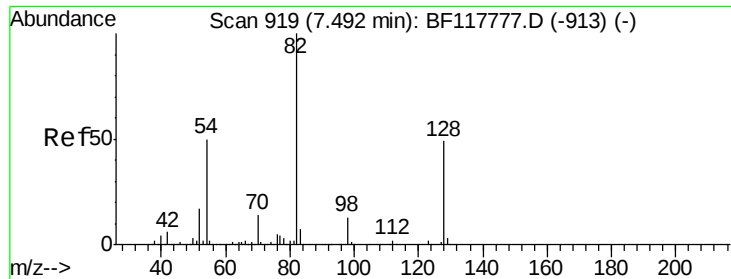


#22
Acetophenone
Concen: 41.952 ng
RT: 7.32 min Scan# 890
Delta R.T. -0.01 min
Lab File: BF117926.D
Acq: 22 Nov 2019 19:03

Tgt Ion	105	Resp	980418
Ion	Ratio	Lower	Upper
105	100		
71	8.2	4.9	7.3#
51	26.4	22.7	34.1
120	23.2	18.5	27.7

Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BF1
Ion 51.00 (50.70 to 51.70): BF1
Ion 120.00 (119.70 to 120.70): E





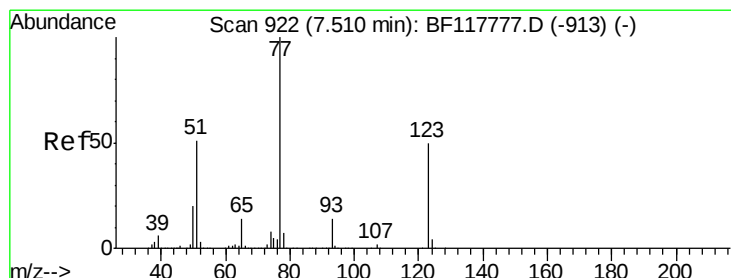
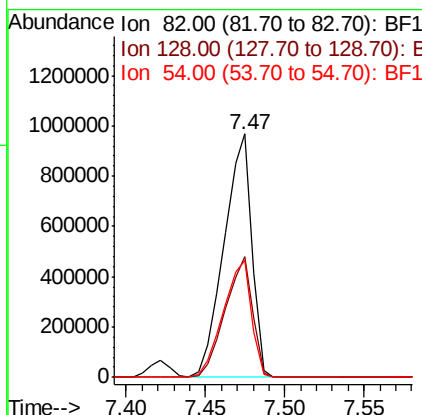
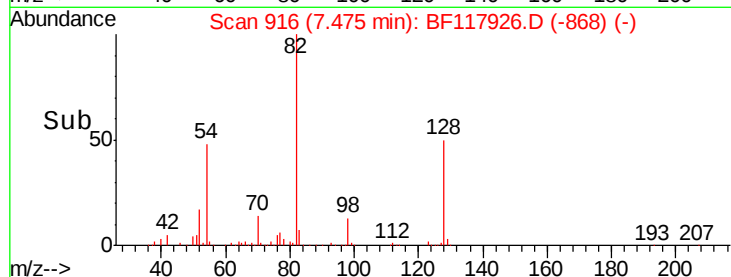
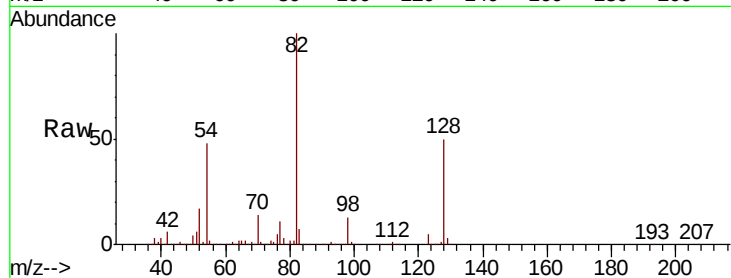
#23
Nitrobenzene-d5
Concen: 67.135 ng
RT: 7.47 min Scan# 916
Delta R.T. -0.02 min
Lab File: BF117926.D
Acq: 22 Nov 2019 19:03

Instrument :
BNA_F
ClientSampleId :
PB125013BS

Tot Ion	Ratio	Lower	Upper
82	100		
128	49.6	38.9	58.3
54	48.2	39.8	59.6

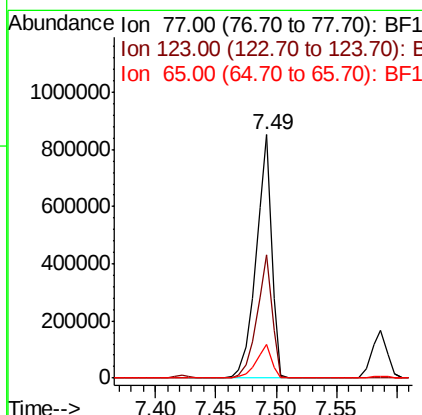
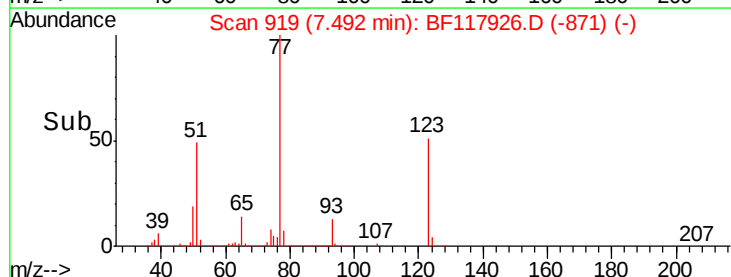
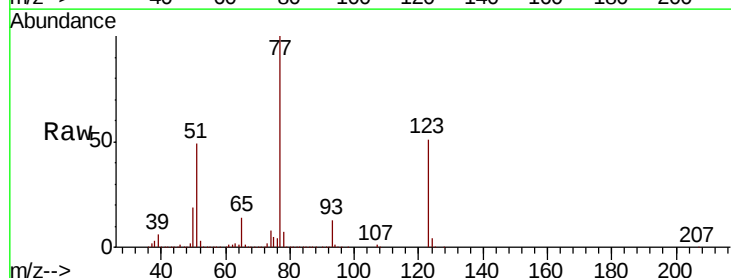
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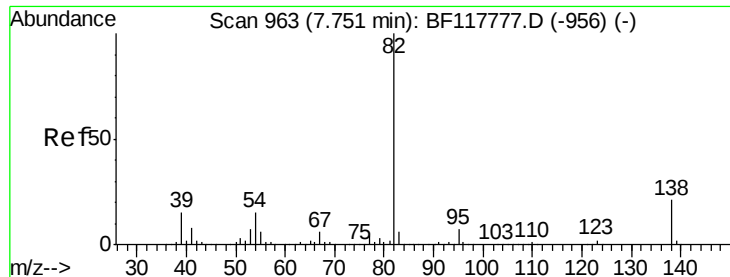
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#24
Nitrobenzene
Concen: 42.273 ng
RT: 7.49 min Scan# 919
Delta R.T. -0.02 min
Lab File: BF117926.D
Acq: 22 Nov 2019 19:03

Tgt Ion	Ratio	Lower	Upper
77	100		
123	50.5	40.3	60.5
65	13.7	10.9	16.3





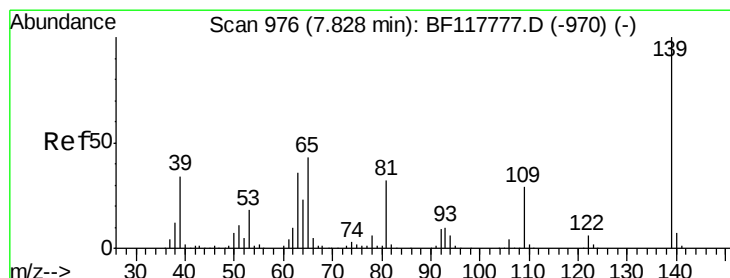
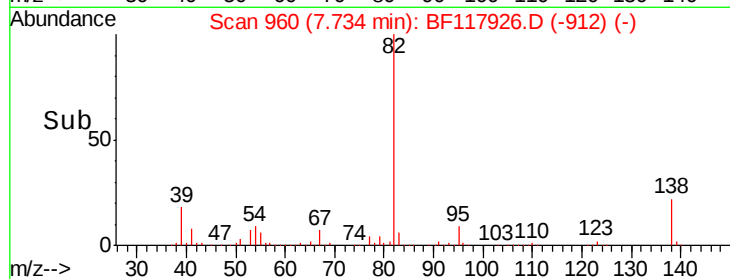
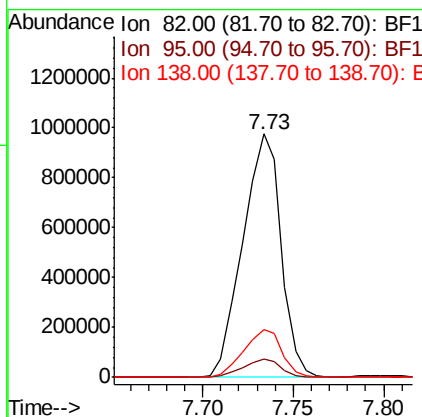
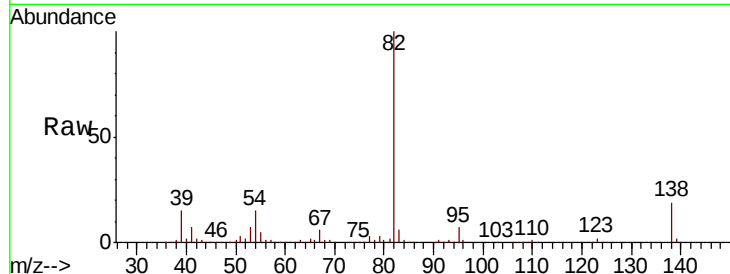
#25
Isophorone
Concen: 44.756 ng
RT: 7.73 min Scan# 960
Delta R.T. -0.02 min
Lab File: BF117926.D
Acq: 22 Nov 2019 19:03

Instrument :
BNA_F
ClientSampleId :
PB125013BS

Tot Ion	Ratio	Lower	Upper
82	100		
95	7.4	5.8	8.8
138	19.4	16.5	24.7

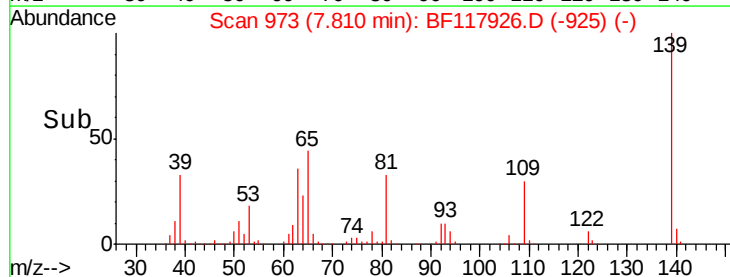
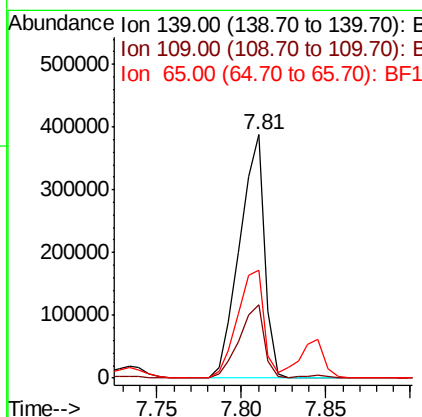
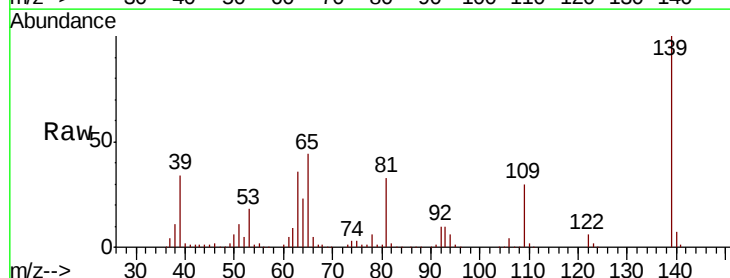
Manual Integrations
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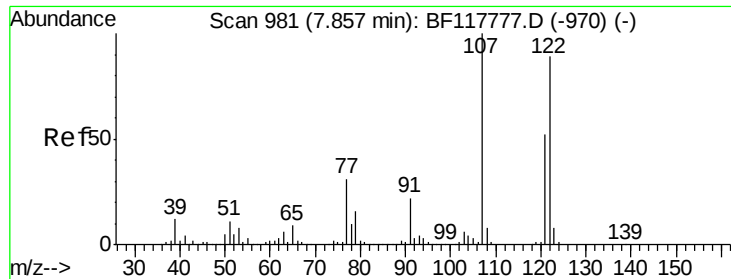
mohammad
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#26
2-Nitrophenol
Concen: 45.551 ng
RT: 7.81 min Scan# 973
Delta R.T. -0.02 min
Lab File: BF117926.D
Acq: 22 Nov 2019 19:03

Tgt Ion	Ratio	Lower	Upper
139	100		
109	30.4	23.0	34.4
65	44.2	34.7	52.1





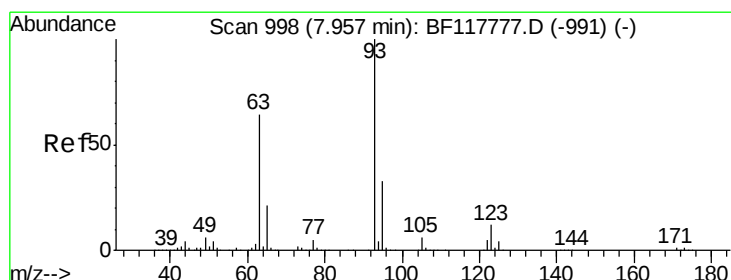
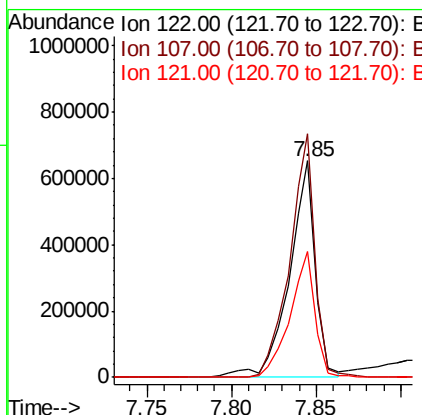
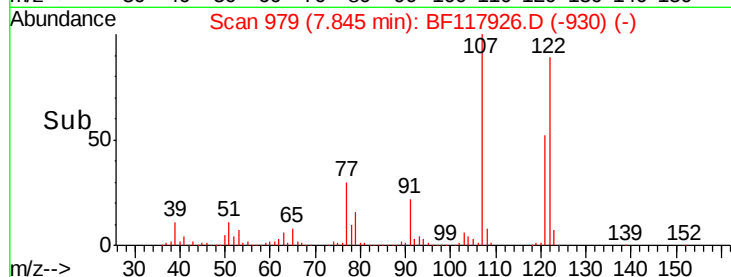
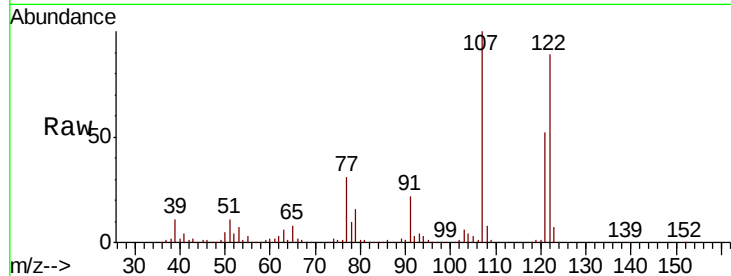
#27
2,4-Dimethylphenol
Concen: 51.155 ng
RT: 7.85 min Scan# 979
Delta R.T. -0.01 min
Lab File: BF117926.D
Acq: 22 Nov 2019 19:03

Instrument :
BNA_F
ClientSampleId :
PB125013BS

Tot Ion	Ratio	Lower	Upper
122	100		
107	112.5	90.0	135.0
121	58.0	46.7	70.1

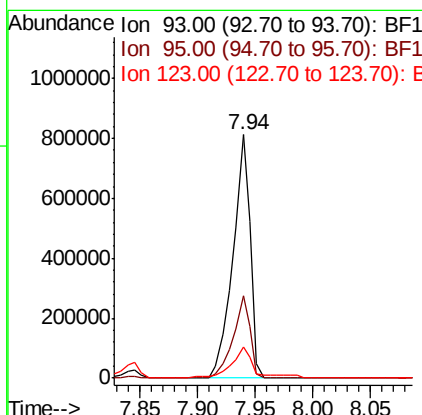
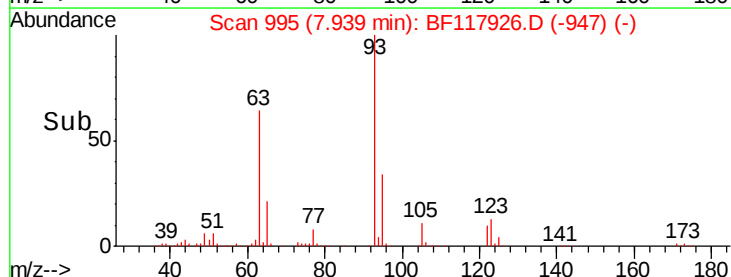
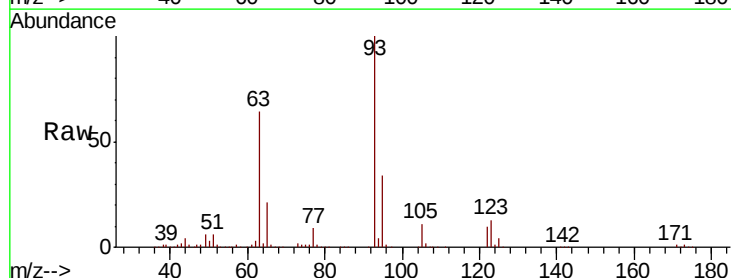
Manual Integrations
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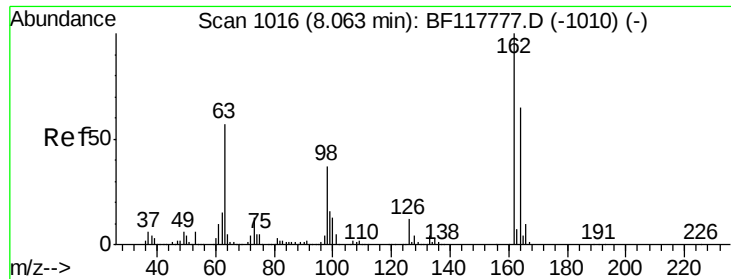
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#28
bis(2-Chloroethoxy)methane
Concen: 41.296 ng
RT: 7.94 min Scan# 995
Delta R.T. -0.02 min
Lab File: BF117926.D
Acq: 22 Nov 2019 19:03

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.7	26.6	40.0
123	13.0	10.3	15.5





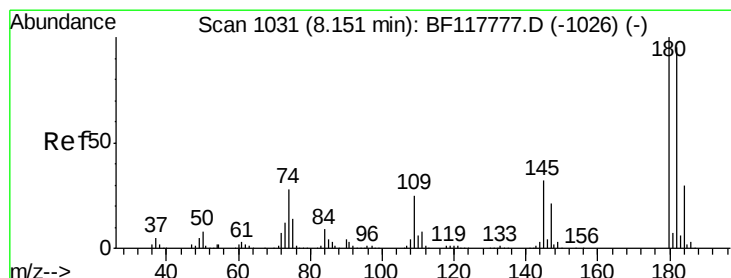
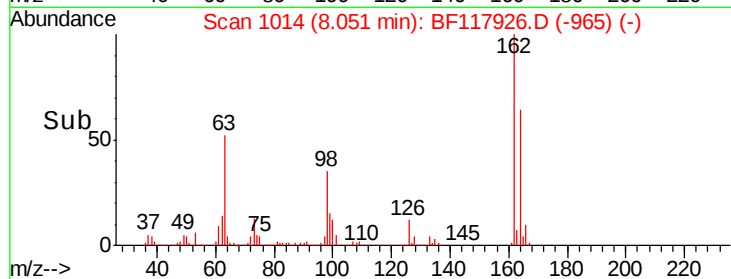
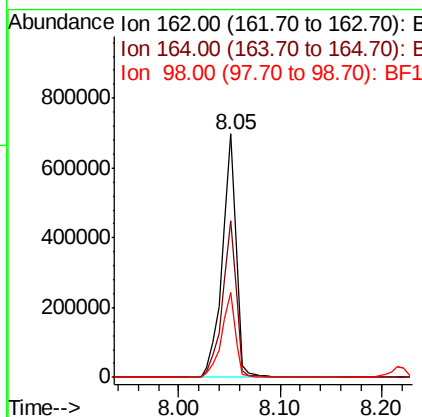
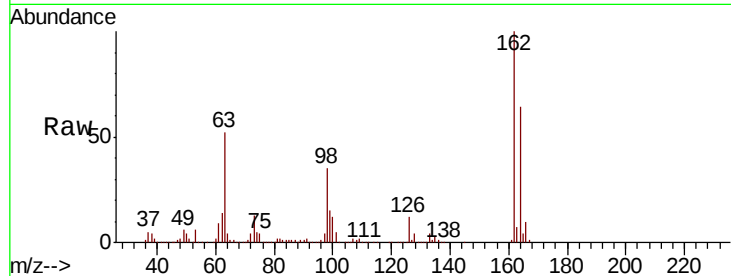
#29
2,4-Dichlorophenol
Concen: 44.525 ng
RT: 8.05 min Scan# 1014
Delta R.T. -0.01 min
Lab File: BF117926.D
Acq: 22 Nov 2019 19:03

Instrument :
BNA_F
ClientSampleId :
PB125013BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	659383		
164	64.4	45.1	85.1	
98	35.0	17.2	57.2	

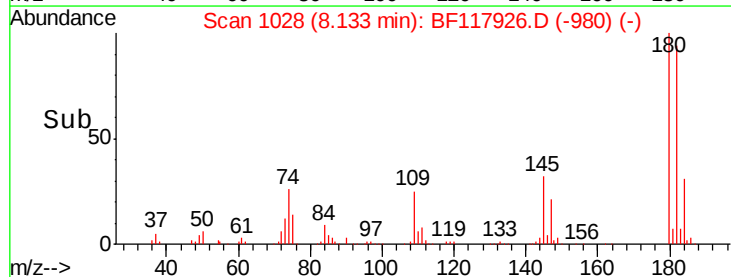
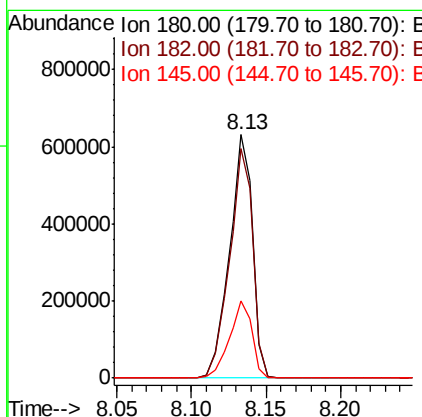
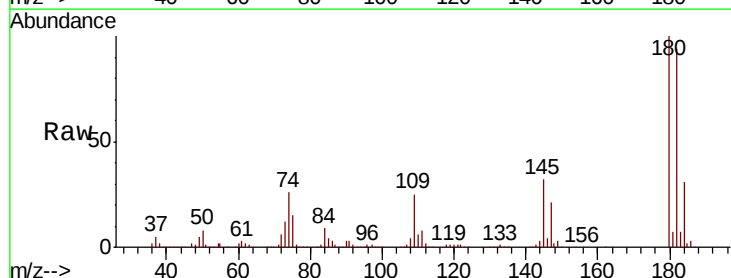
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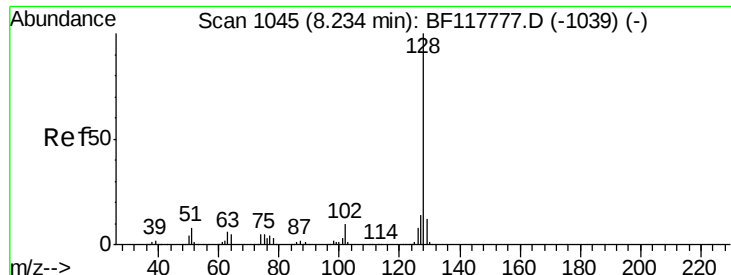
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#30
1,2,4-Trichlorobenzene
Concen: 39.905 ng
RT: 8.13 min Scan# 1028
Delta R.T. -0.02 min
Lab File: BF117926.D
Acq: 22 Nov 2019 19:03

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	685489		
182	94.1	75.8	113.6	
145	31.9	25.5	38.3	





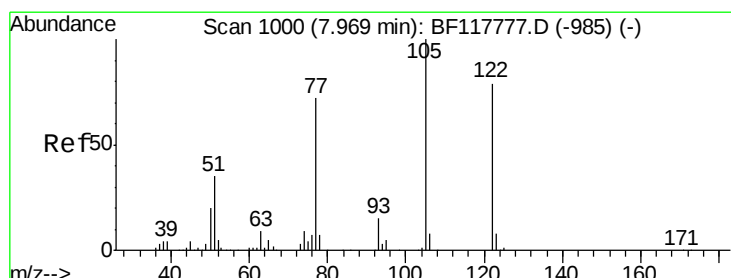
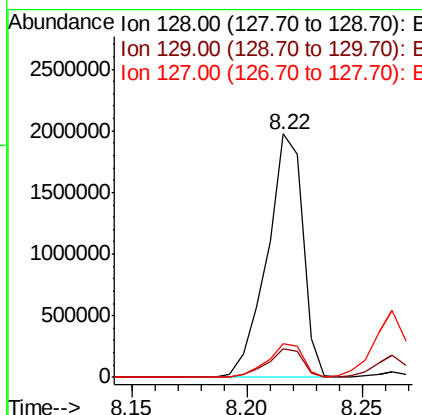
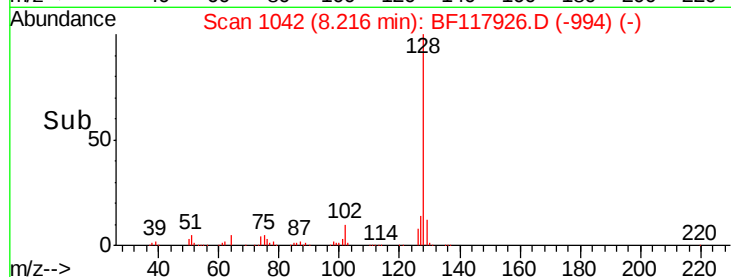
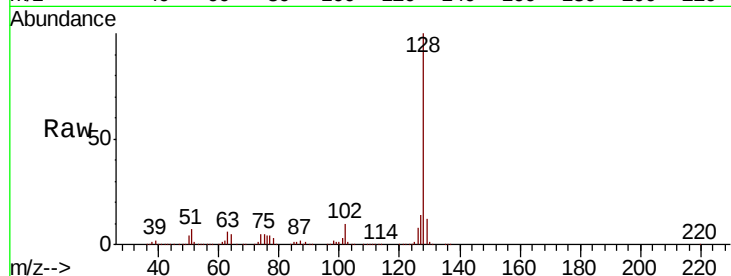
#31
Naphthalene
Concen: 43.690 ng
RT: 8.22 min Scan# 1042
Delta R.T. -0.02 min
Lab File: BF117926.D
Acq: 22 Nov 2019 19:03

Instrument :
BNA_F
ClientSampleId :
PB125013BS

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.9	9.5	14.3
127	13.9	11.3	16.9

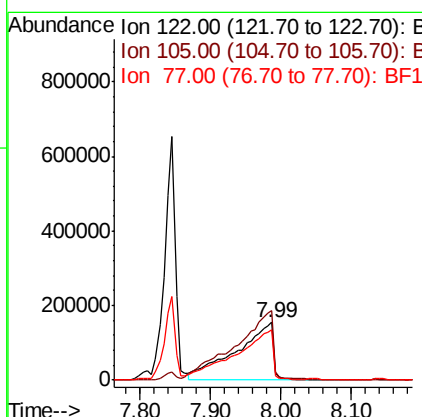
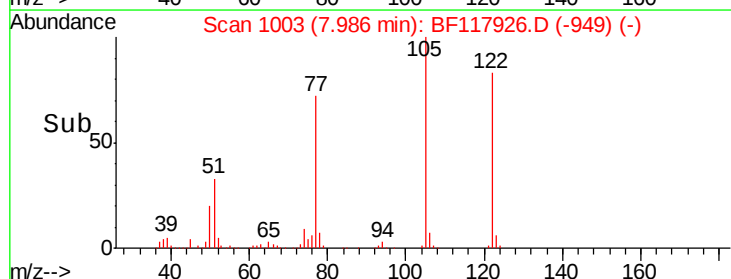
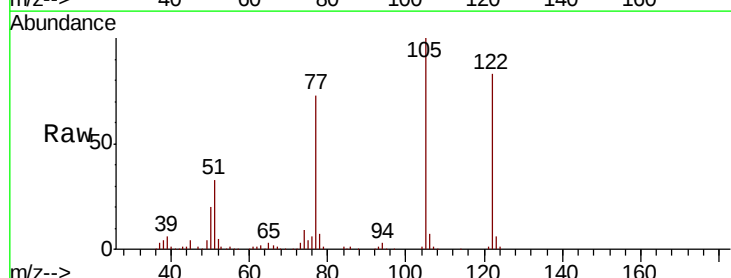
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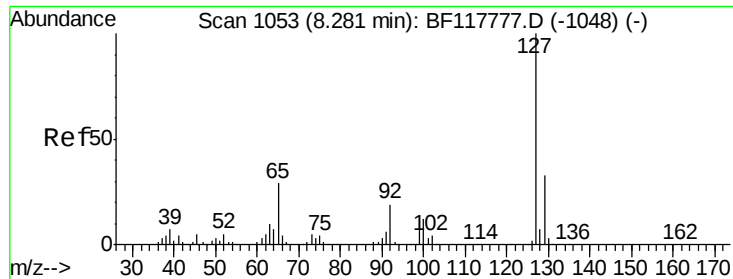
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#32
Benzoic acid
Concen: 49.678 ng
RT: 7.99 min Scan# 1003
Delta R.T. 0.02 min
Lab File: BF117926.D
Acq: 22 Nov 2019 19:03

Tgt Ion	Ratio	Lower	Upper
122	100		
105	120.5	102.7	142.7
77	88.3	70.5	110.5





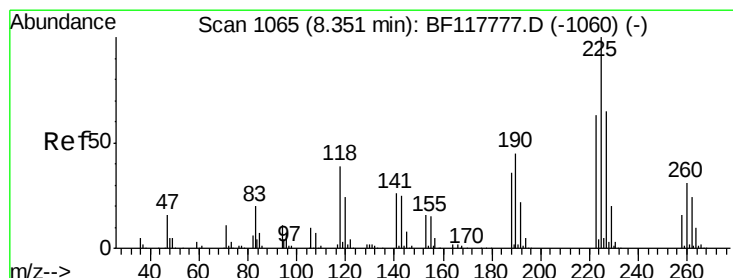
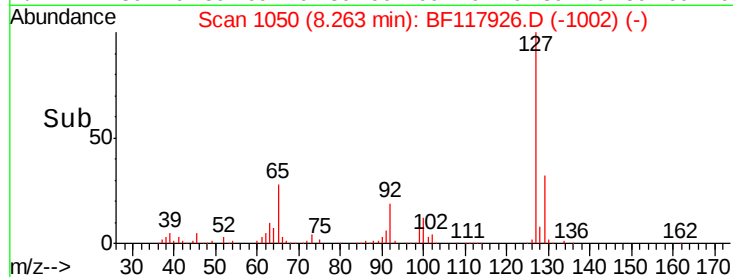
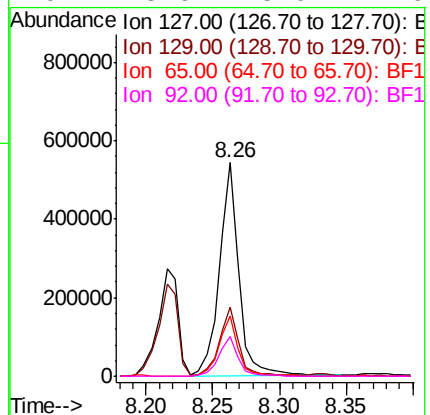
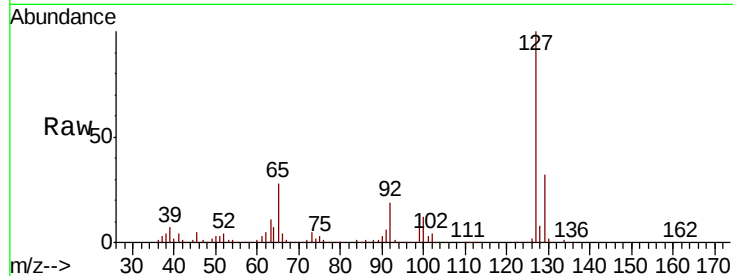
#33
4-Chloroaniline
Concen: 25.767 ng
RT: 8.26 min Scan# 1050
Delta R.T. -0.02 min
Lab File: BF117926.D
Acq: 22 Nov 2019 19:03

Instrument :
BNA_F
ClientSampleId :
PB125013BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	32.5	26.5	39.7		
65	28.4	22.9	34.3		
92	18.6	15.0	22.6		

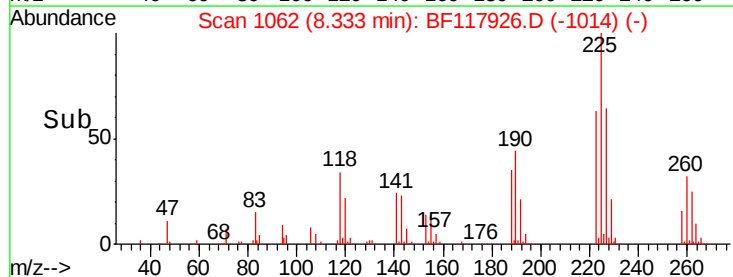
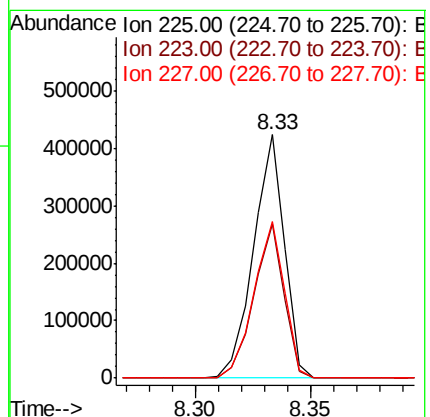
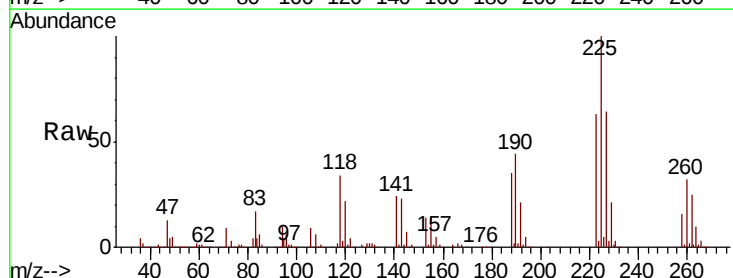
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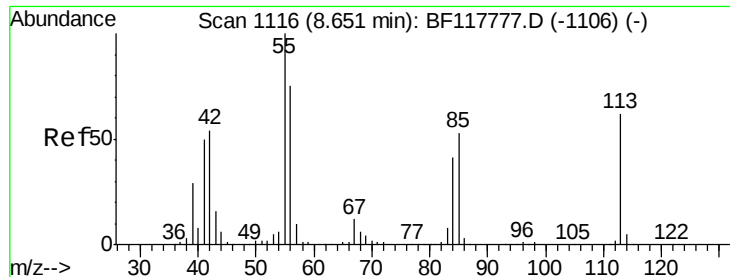
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#34
Hexachlorobutadiene
Concen: 39.321 ng
RT: 8.33 min Scan# 1062
Delta R.T. -0.02 min
Lab File: BF117926.D
Acq: 22 Nov 2019 19:03

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	63.2	50.0	75.0		
227	64.4	51.8	77.6		





#35

Caprolactam

Concen: 43.699 ng/ml

RT: 8.65 min Scan# 1116

Delta R.T. -0.00 min

Lab File: BF117926.D

Acq: 22 Nov 2019 19:03

Instrument :

BNA_F

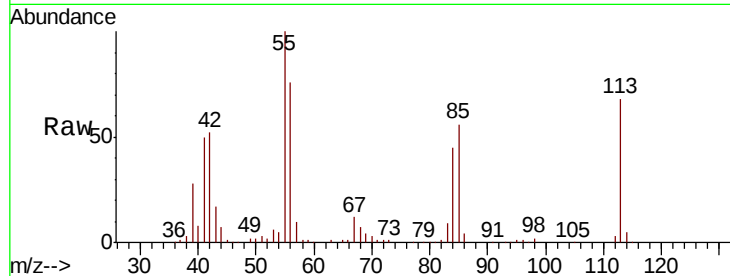
ClientSampleId :

PB125013BS

Tot Ion:	113	Resp:	205675
Ion Ratio	Lower	Upper	
113	100		
55	147.9	141.1	181.1
56	112.4	100.5	140.5

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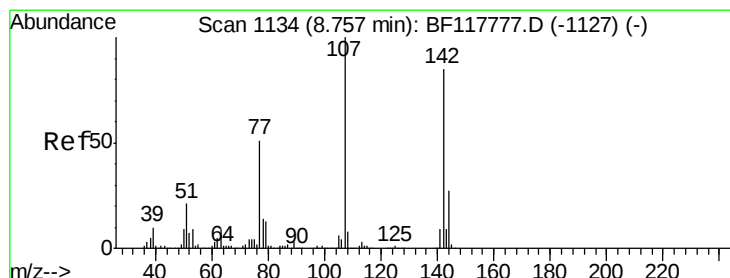
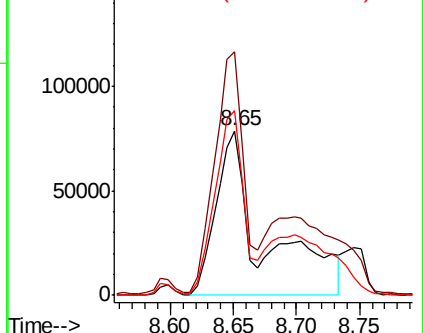
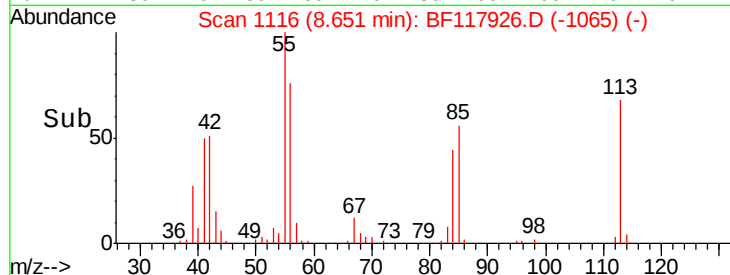


Abundance

Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1



#36

4-Chloro-3-methylphenol

Concen: 45.787 ng/ml

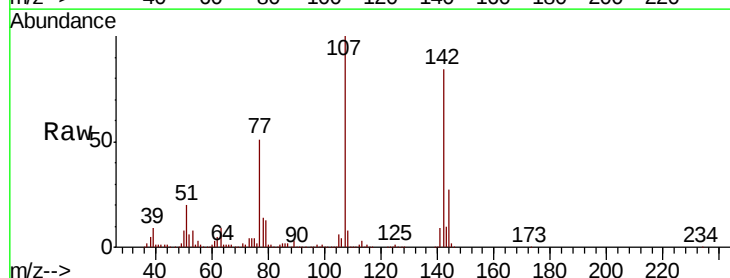
RT: 8.75 min Scan# 1133

Delta R.T. -0.01 min

Lab File: BF117926.D

Acq: 22 Nov 2019 19:03

Tgt Ion:	107	Resp:	688159
Ion Ratio	Lower	Upper	
107	100		
144	27.1	21.9	32.9
142	83.9	67.7	101.5

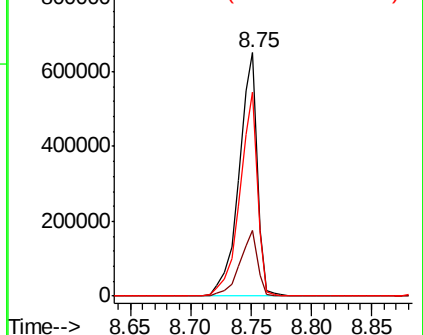
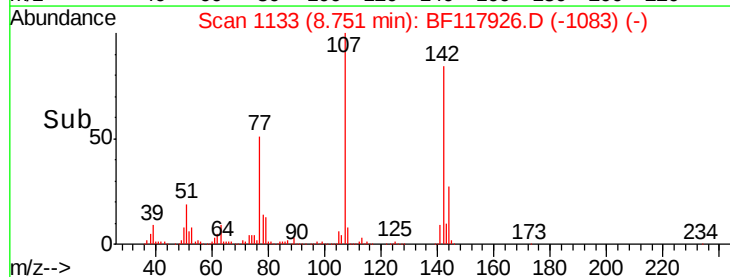


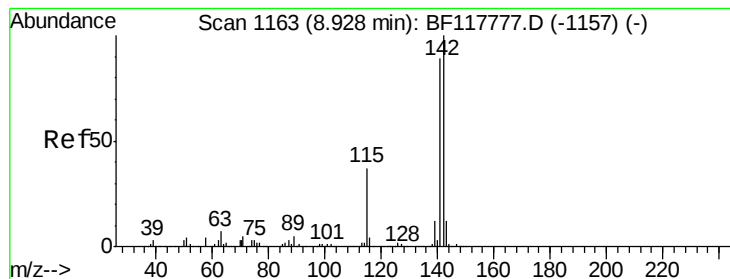
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 44.581 ng

RT: 8.91 min Scan# 1160

Delta R.T. -0.02 min

Lab File: BF117926.D

Acq: 22 Nov 2019 19:03

Instrument :

BNA_F

ClientSampleId :

PB125013BS

Tot Ion:142 Resp: 1460698

Ion Ratio Lower Upper

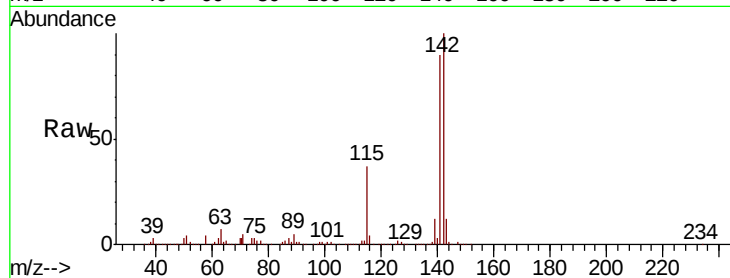
142 100

141 90.1 71.1 106.7

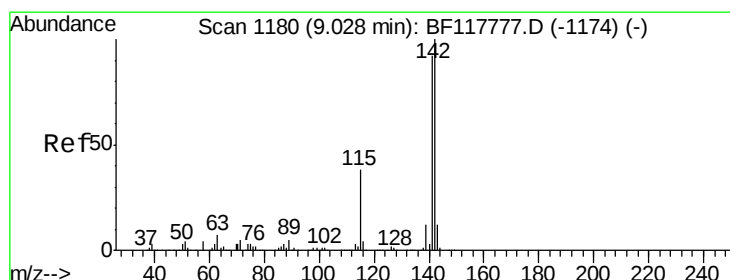
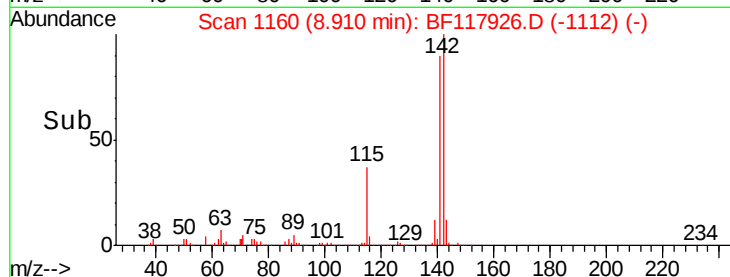
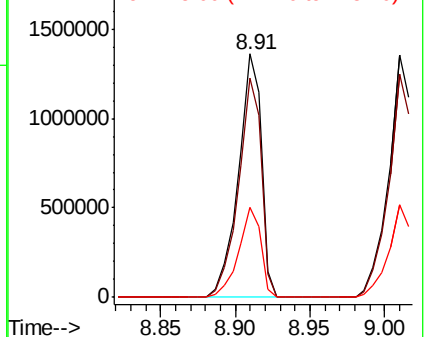
115 37.1 29.2 43.8

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Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 44.906 ng

RT: 9.01 min Scan# 1177

Delta R.T. -0.02 min

Lab File: BF117926.D

Acq: 22 Nov 2019 19:03

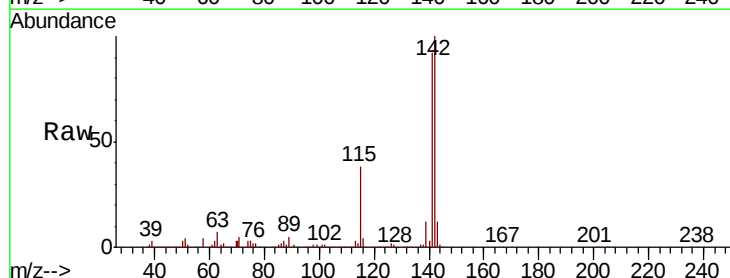
Tgt Ion:142 Resp: 1391006

Ion Ratio Lower Upper

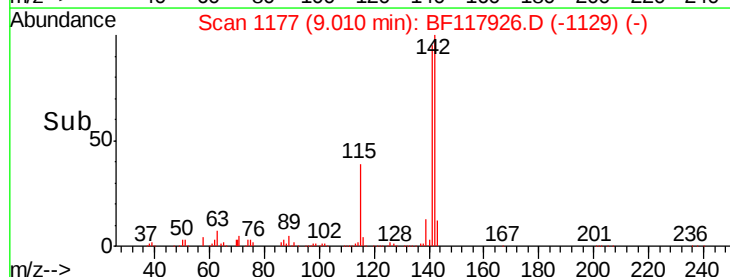
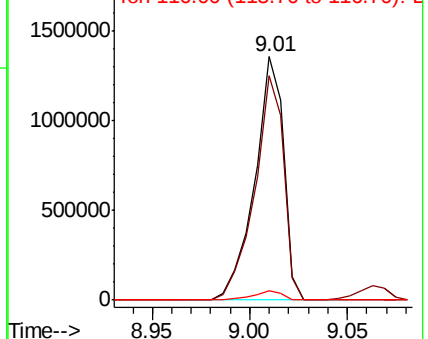
142 100

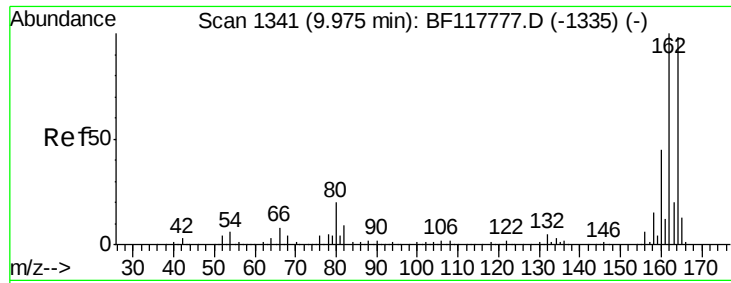
141 92.0 73.5 110.3

116 4.1 3.2 4.8



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 116.00 (115.70 to 116.70): E





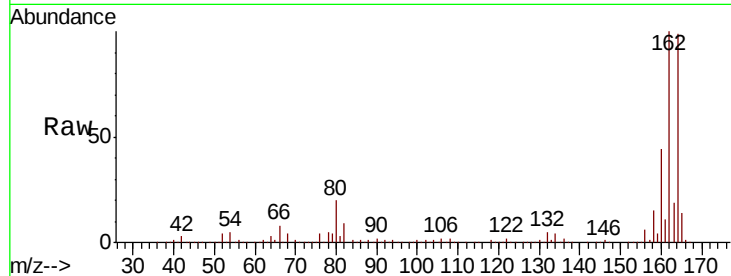
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.96 min Scan# 1338
Delta R.T. -0.02 min
Lab File: BF117926.D
Acq: 22 Nov 2019 19:03

Instrument :
BNA_F
ClientSampleId :
PB125013BS

Tot Ion	Ratio	Lower	Upper
164	100		
162	100.6	81.3	121.9
160	44.5	36.6	55.0

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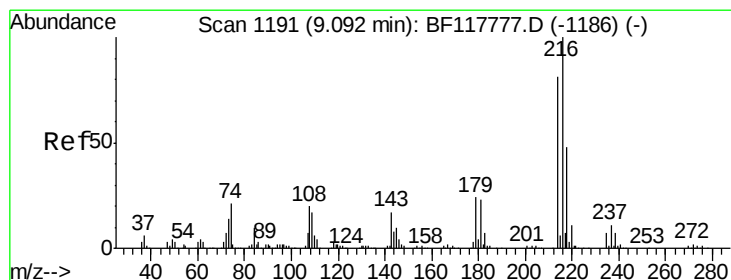
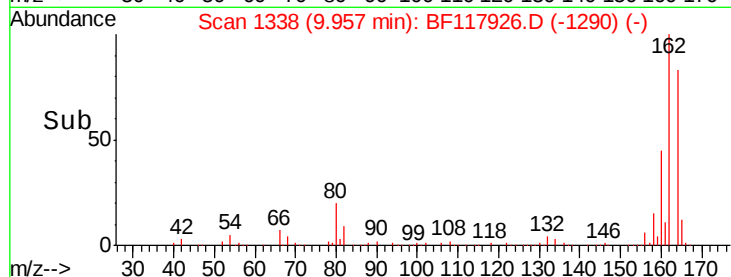
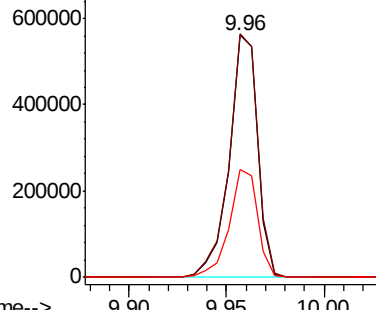


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40
1,2,4,5-Tetrachlorobenzene
Concen: 39.356 ng
RT: 9.08 min Scan# 1189
Delta R.T. -0.01 min
Lab File: BF117926.D
Acq: 22 Nov 2019 19:03

Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.9	63.4	95.0
179	23.4	18.2	27.4
108	21.5	16.0	24.0

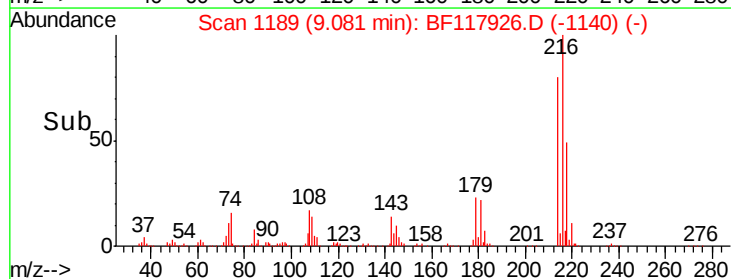
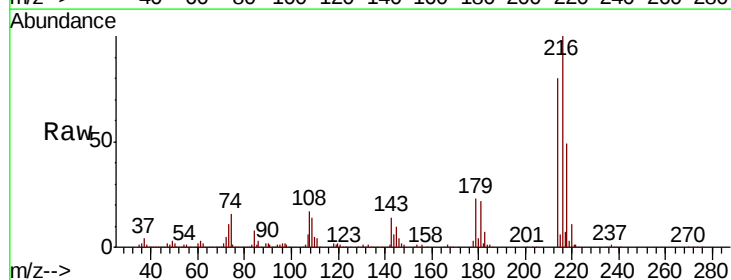
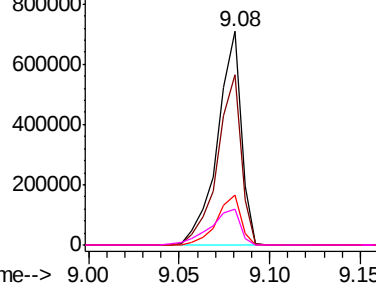
Abundance

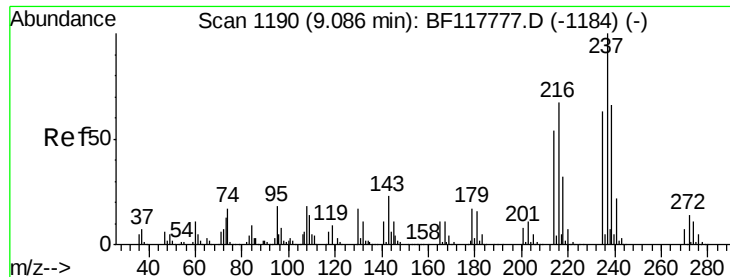
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 76.888 ng

RT: 9.06 min Scan# 1186

Delta R.T. -0.02 min

Lab File: BF117926.D

Acq: 22 Nov 2019 19:03

Instrument :

BNA_F

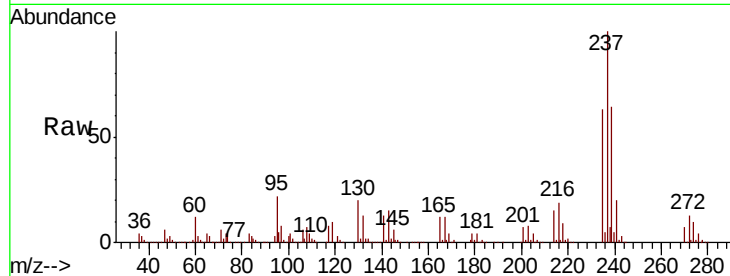
ClientSampleId :

PB125013BS

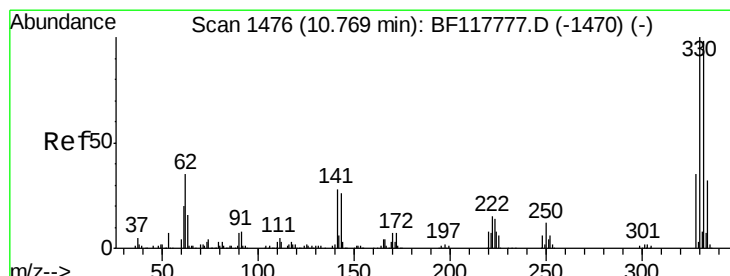
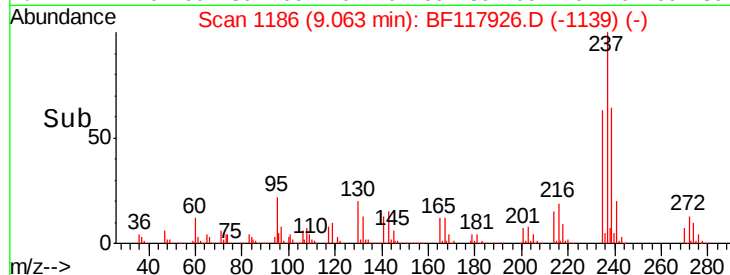
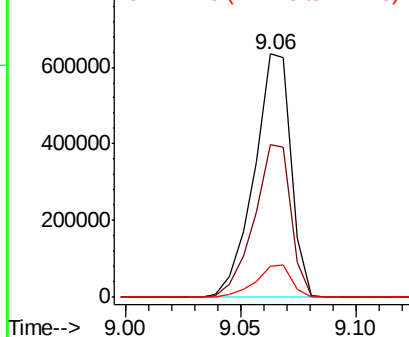
Tot Ion:	237	Resp:	707305
Ion Ratio	Lower	Upper	
237	100		
235	62.9	42.6	82.6
272	12.7	0.0	34.3

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Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 122.946 ng

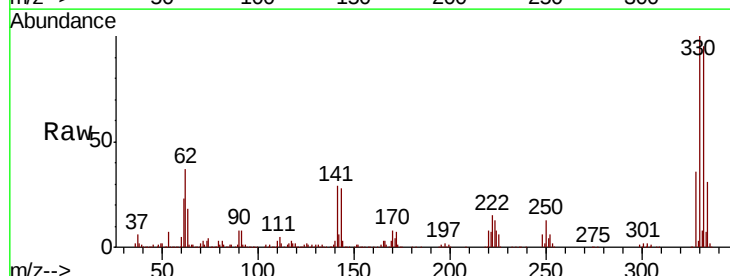
RT: 10.76 min Scan# 1474

Delta R.T. -0.01 min

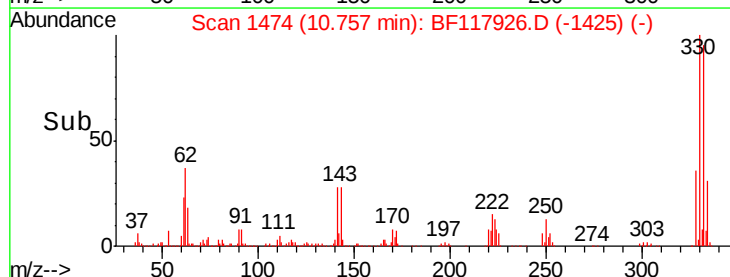
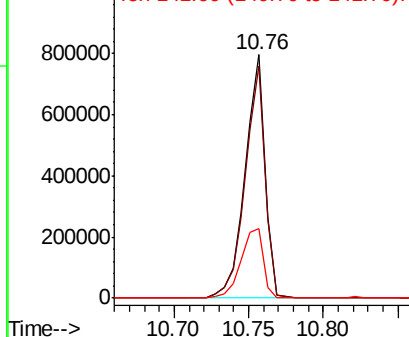
Lab File: BF117926.D

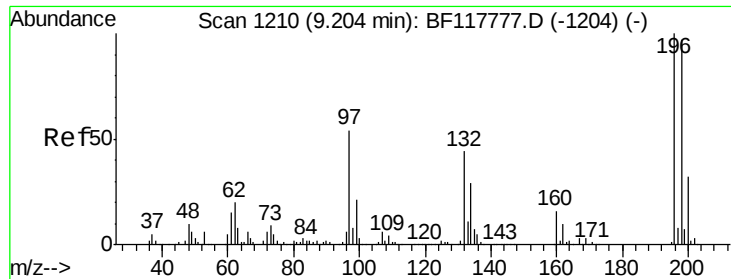
Acq: 22 Nov 2019 19:03

Tgt Ion:	330	Resp:	735732
Ion Ratio	Lower	Upper	
330	100		
332	95.7	76.7	115.1
141	32.8	27.7	41.5



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E





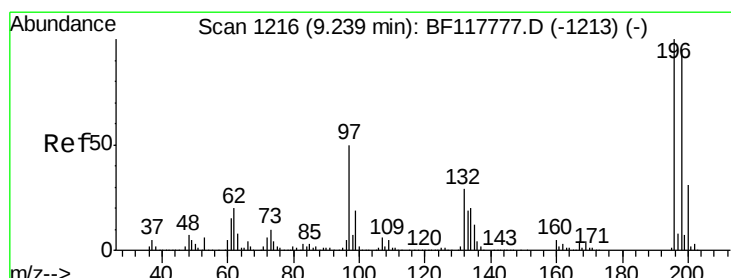
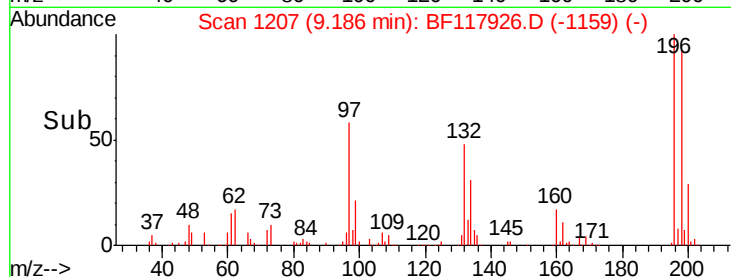
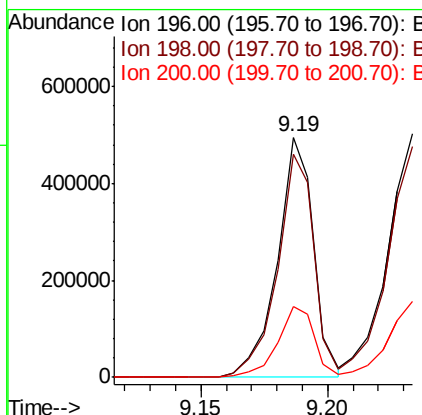
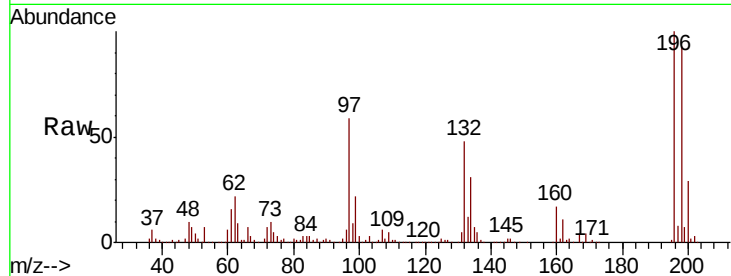
#43
 2,4,6-Trichlorophenol
 Concen: 41.925 ng
 RT: 9.19 min Scan# 1207
 Delta R.T. -0.02 min
 Lab File: BF117926.D
 Acq: 22 Nov 2019 19:03

Instrument :
 BNA_F
 ClientSampleId :
 PB125013BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	492938		
198	93.3	77.8	116.6	
200	29.4	25.4	38.0	

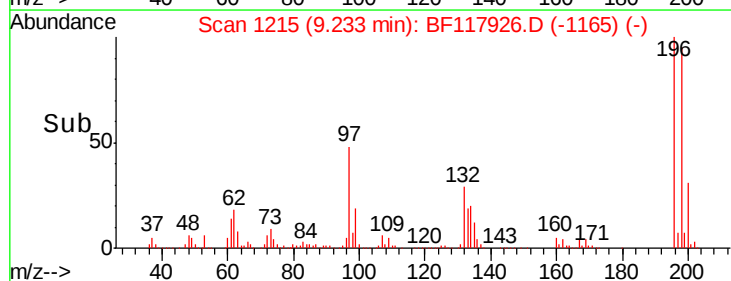
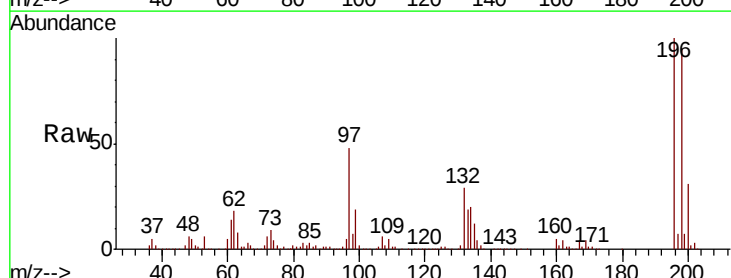
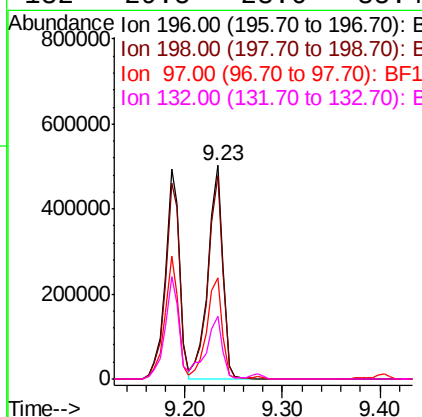
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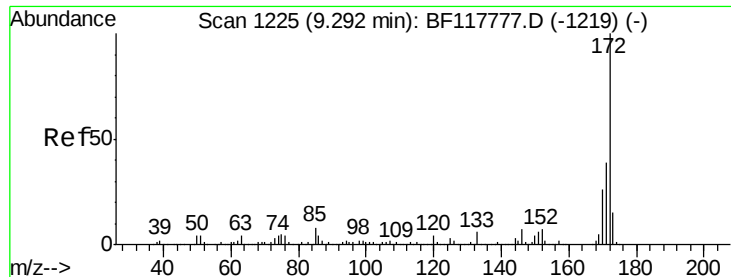
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#44
 2,4,5-Trichlorophenol
 Concen: 43.576 ng
 RT: 9.23 min Scan# 1215
 Delta R.T. -0.01 min
 Lab File: BF117926.D
 Acq: 22 Nov 2019 19:03

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	531967		
198	95.1	76.3	114.5	
97	47.6	40.0	60.0	
132	29.5	23.6	35.4	





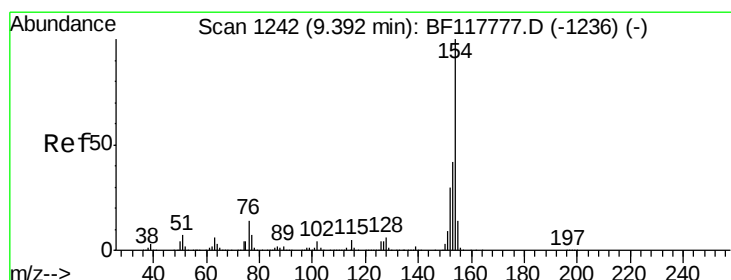
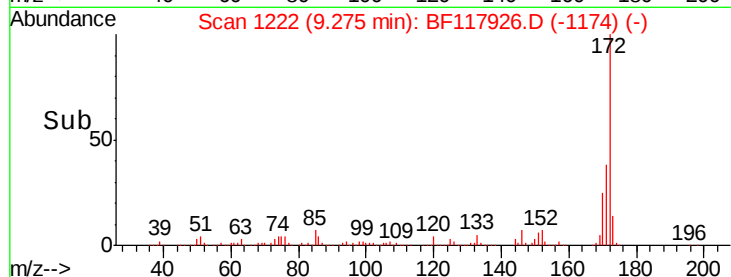
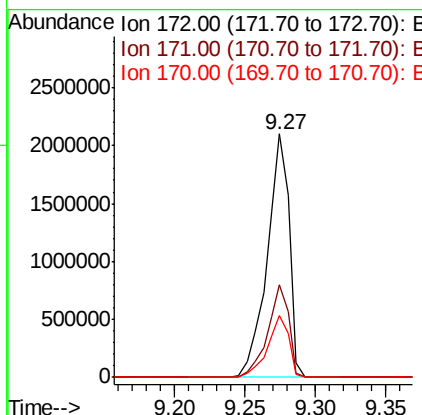
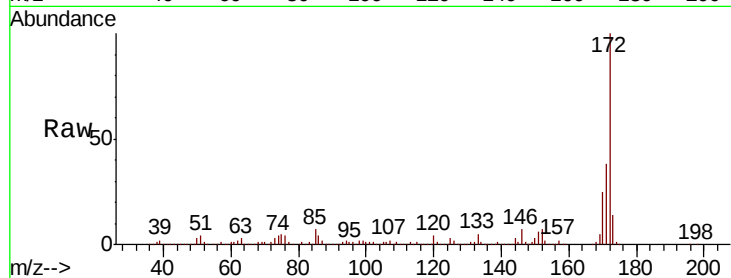
#45
2-Fluorobiphenyl
Concen: 73.033 ng
RT: 9.27 min Scan# 1222
Delta R.T. -0.02 min
Lab File: BF117926.D
Acq: 22 Nov 2019 19:03

Instrument :
BNA_F
ClientSampleId :
PB125013BS

Tot Ion	Ratio	Lower	Upper
172	100		
171	37.8	30.9	46.3
170	25.2	21.0	31.4

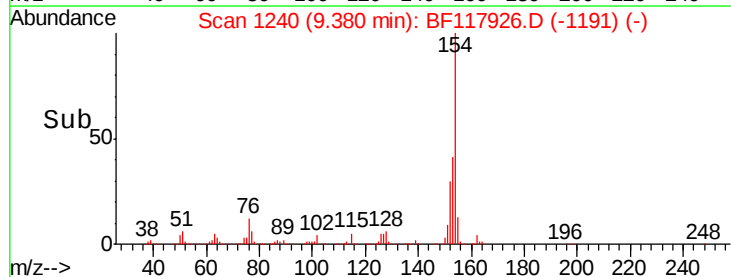
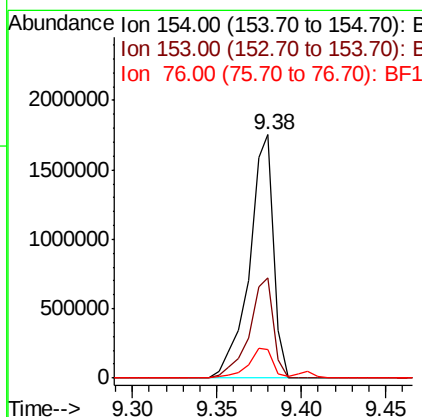
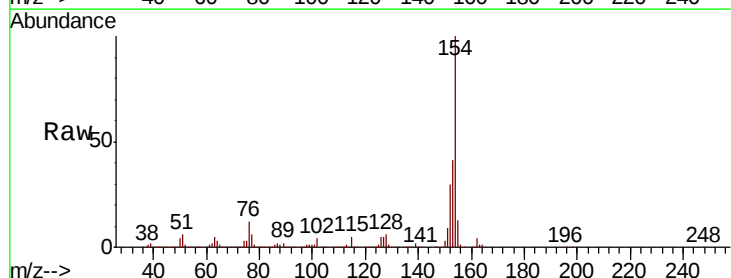
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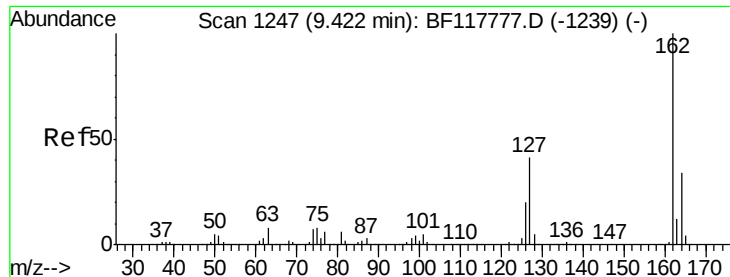
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#46
1,1'-Biphenyl
Concen: 41.887 ng
RT: 9.38 min Scan# 1240
Delta R.T. -0.01 min
Lab File: BF117926.D
Acq: 22 Nov 2019 19:03

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.3	21.9	61.9
76	11.6	0.0	33.6





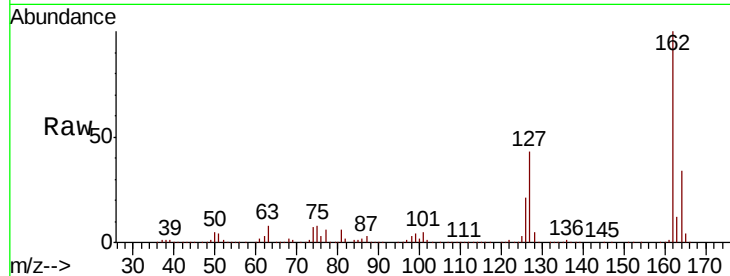
#47
 2-Chloronaphthalene
 Concen: 39.745 ng
 RT: 9.40 min Scan# 1244
 Delta R.T. -0.02 min
 Lab File: BF117926.D
 Acq: 22 Nov 2019 19:03

Instrument :
 BNA_F
 ClientSampleId :
 PB125013BS

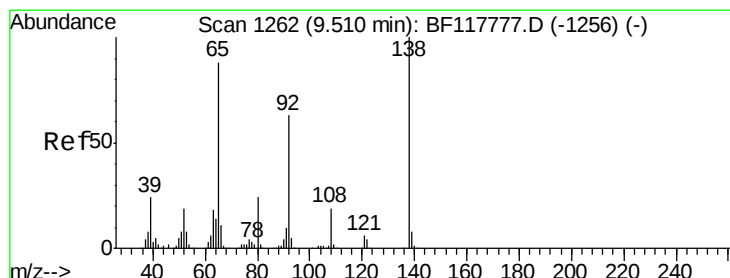
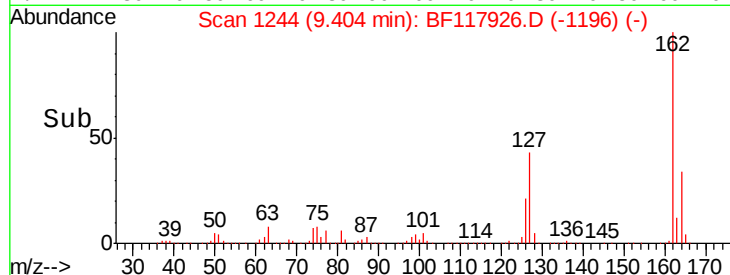
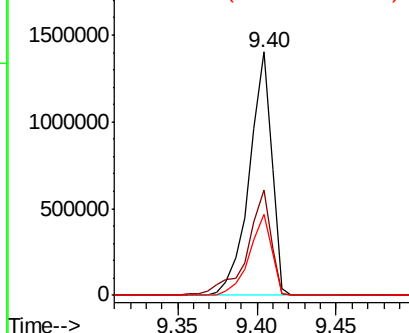
Tot Ion	Ratio	Lower	Upper
162	100		
127	43.4	33.2	49.8
164	33.5	27.3	40.9

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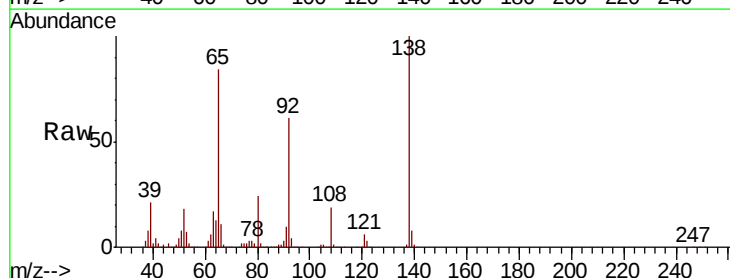


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

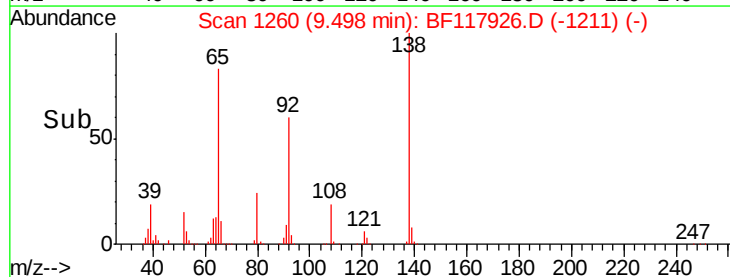
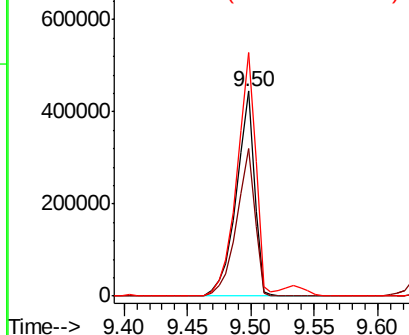


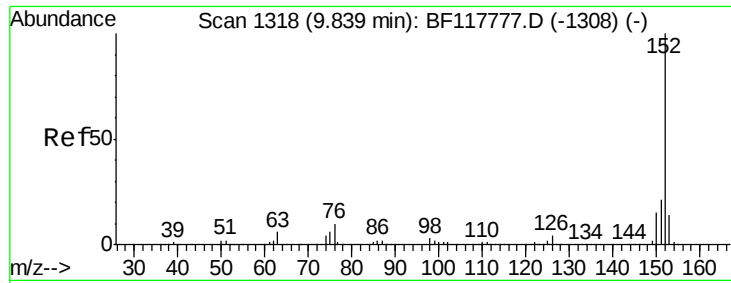
#48
 2-Nitroaniline
 Concen: 42.202 ng
 RT: 9.50 min Scan# 1260
 Delta R.T. -0.01 min
 Lab File: BF117926.D
 Acq: 22 Nov 2019 19:03

Tgt Ion	Ratio	Lower	Upper
65	100		
92	72.0	56.6	84.8
138	118.8	90.5	135.7



Abundance Ion 65.00 (64.70 to 65.70): BF1
 Ion 92.00 (91.70 to 92.70): BF1
 Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 42.927 ng

RT: 9.82 min Scan# 1315

Delta R.T. -0.02 min

Lab File: BF117926.D

Acq: 22 Nov 2019 19:03

Instrument :

BNA_F

ClientSampleId :

PB125013BS

Tot Ion:152 Resp: 2159148

Ion Ratio Lower Upper

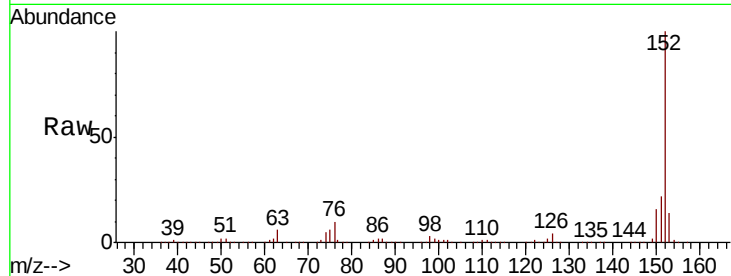
152 100

151 21.6 17.0 25.6

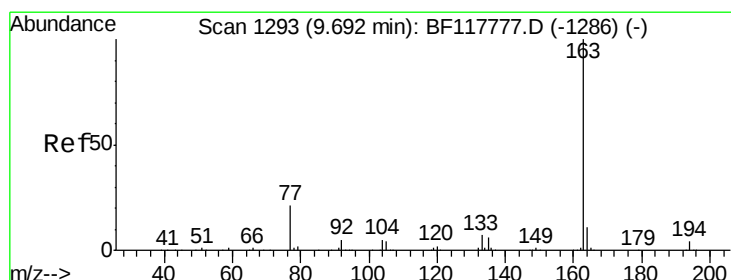
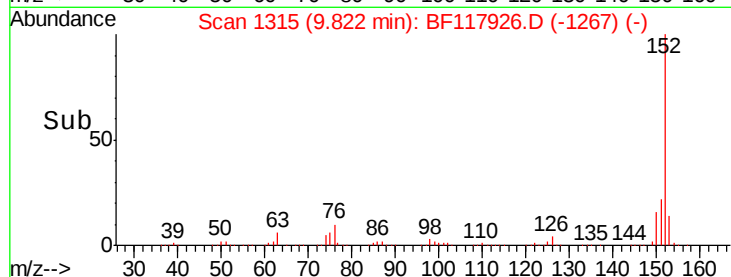
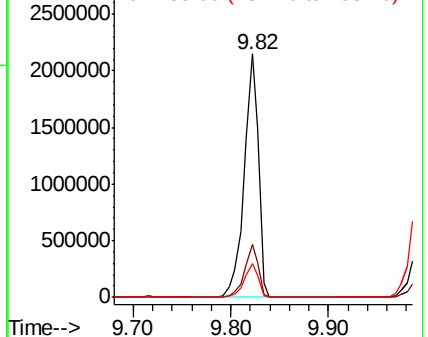
153 14.1 11.0 16.6

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Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 41.922 ng

RT: 9.68 min Scan# 1291

Delta R.T. -0.01 min

Lab File: BF117926.D

Acq: 22 Nov 2019 19:03

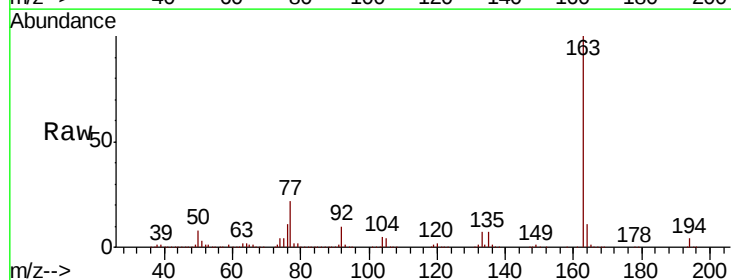
Tgt Ion:163 Resp: 1661683

Ion Ratio Lower Upper

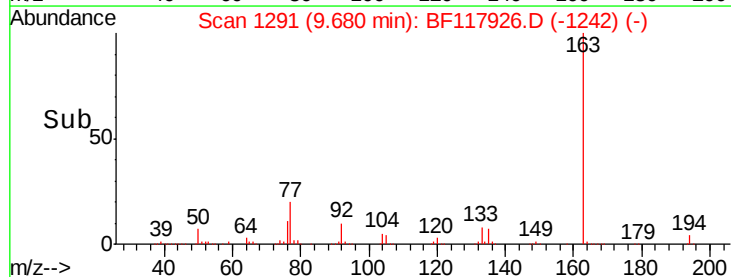
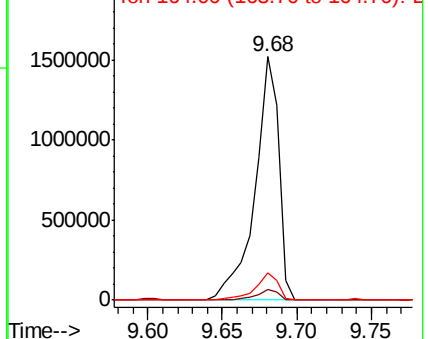
163 100

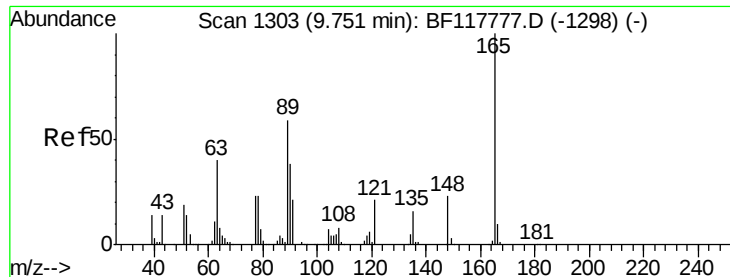
194 4.2 3.3 4.9

164 11.0 8.7 13.1



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 44.532 ng

RT: 9.74 min Scan# 1301

Delta R.T. -0.01 min

Lab File: BF117926.D

Acq: 22 Nov 2019 19:03

Instrument :

BNA_F

ClientSampleId :

PB125013BS

Tot Ion:165 Resp: 385779

Ion Ratio Lower Upper

165 100

63 56.2 46.0 69.0

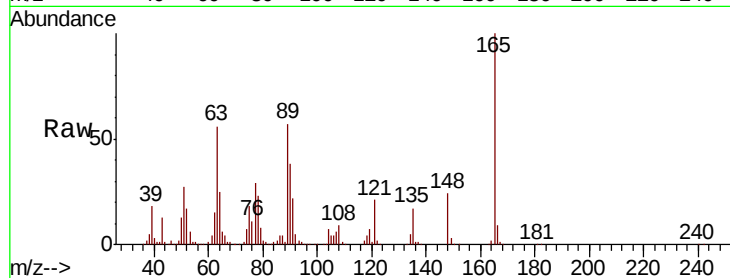
89 56.5 47.7 71.5

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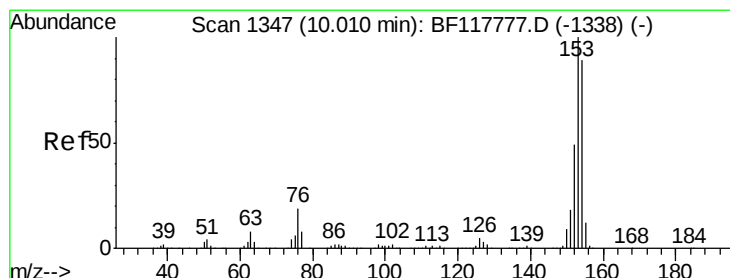
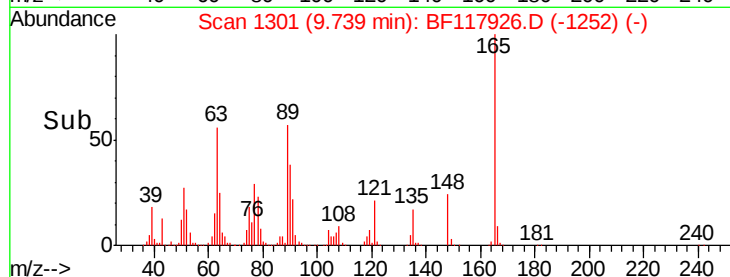
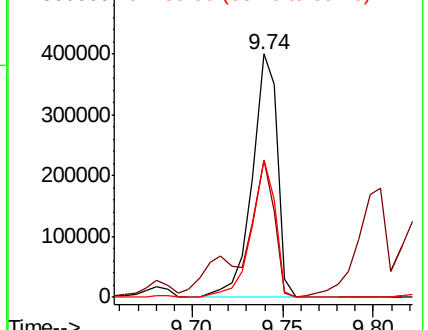
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Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1



#52

Acenaphthene

Concen: 39.931 ng

RT: 9.99 min Scan# 1344

Delta R.T. -0.02 min

Lab File: BF117926.D

Acq: 22 Nov 2019 19:03

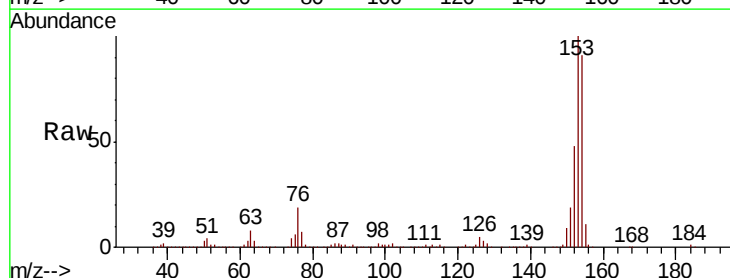
Tgt Ion:154 Resp: 1286594

Ion Ratio Lower Upper

154 100

153 109.9 90.1 135.1

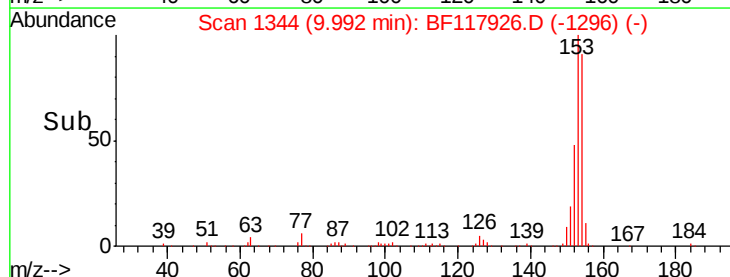
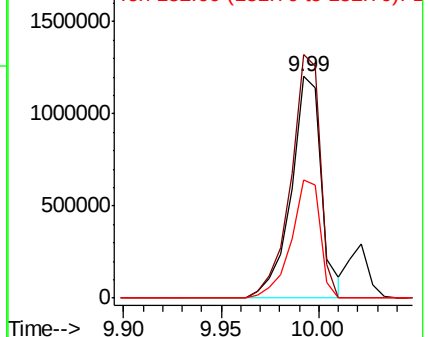
152 53.1 44.0 66.0

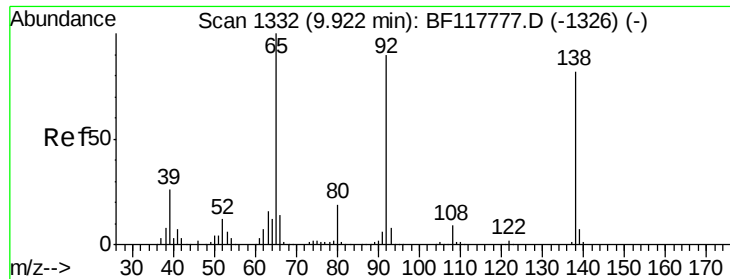


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





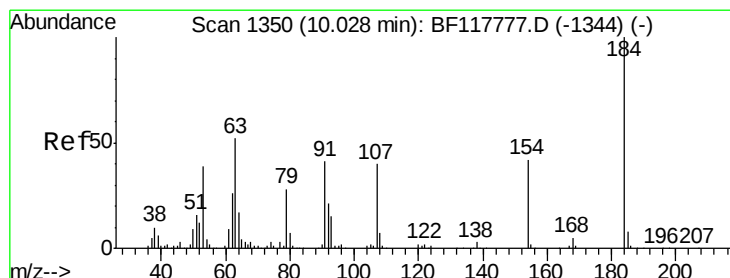
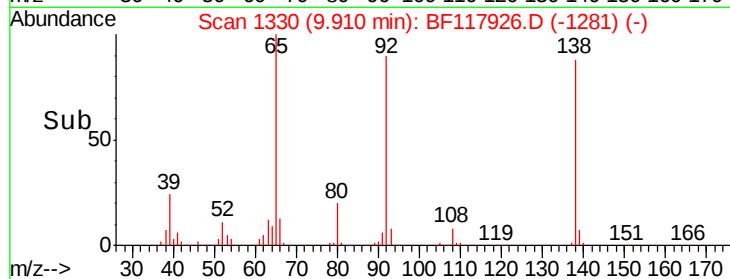
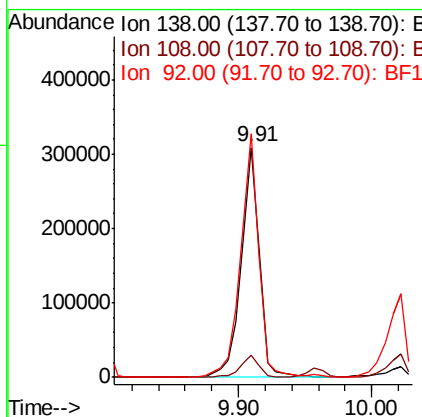
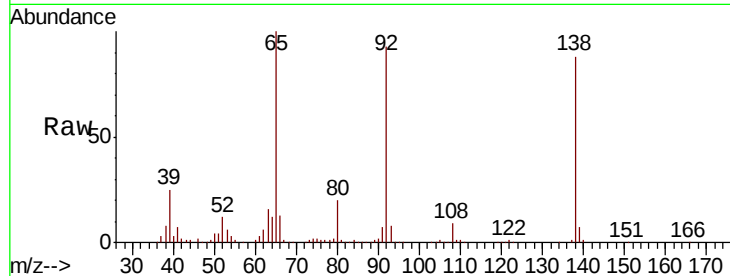
#53
3-Nitroaniline
Concen: 28.435 ng
RT: 9.91 min Scan# 1330
Delta R.T. -0.01 min
Lab File: BF117926.D
Acq: 22 Nov 2019 19:03

Instrument :
BNA_F
ClientSampleId :
PB125013BS

Tot Ion	Ratio	Lower	Upper
138	100		
108	9.8	8.6	12.8
92	105.9	87.9	131.9

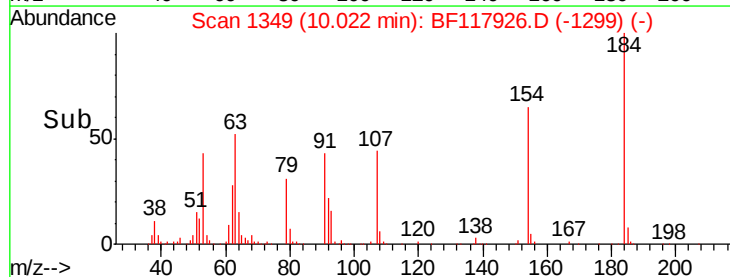
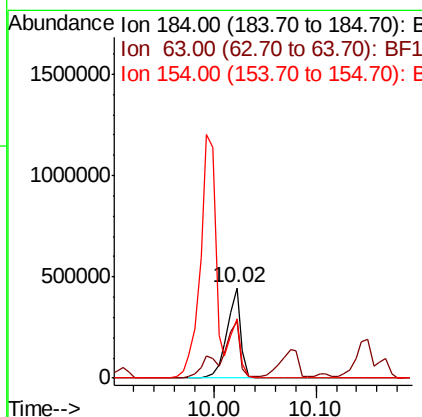
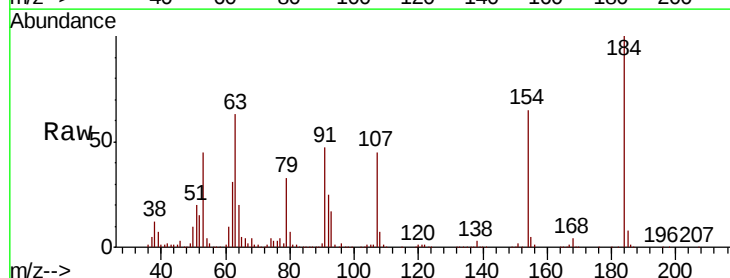
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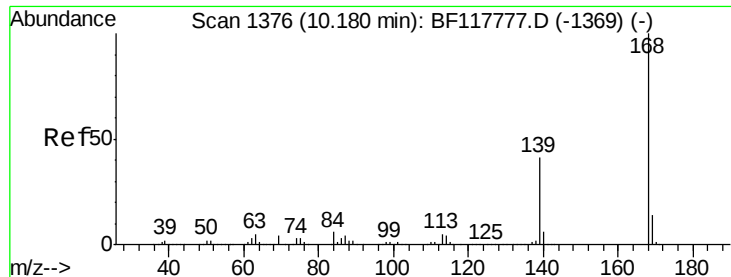
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#54
2,4-Dinitrophenol
Concen: 94.593 ng
RT: 10.02 min Scan# 1349
Delta R.T. -0.01 min
Lab File: BF117926.D
Acq: 22 Nov 2019 19:03

Tgt Ion	Ratio	Lower	Upper
184	100		
63	62.6	43.0	64.6
154	65.4	48.0	72.0





#55

Dibenzofuran

Concen: 38.521 ng

RT: 10.17 min Scan# 1374

Delta R.T. -0.01 min

Lab File: BF117926.D

Acq: 22 Nov 2019 19:03

Instrument :

BNA_F

ClientSampleId :

PB125013BS

Tot Ion:168 Resp: 1718724

Ion Ratio Lower Upper

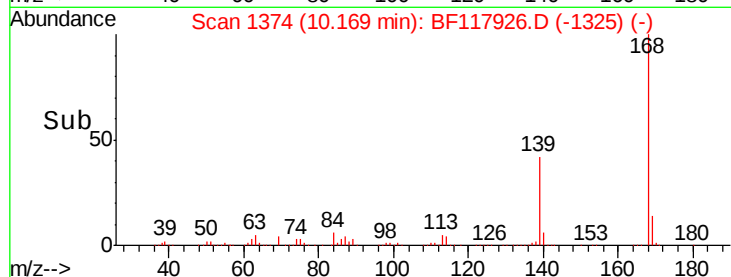
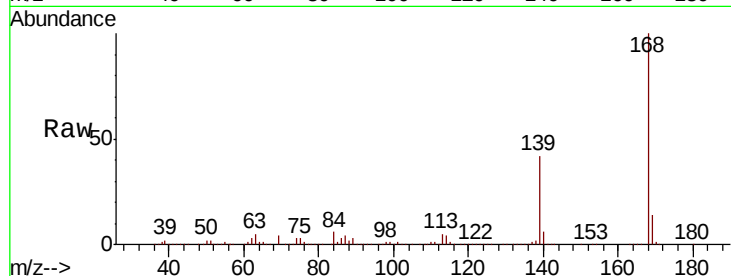
168 100

139 42.1 33.0 49.6

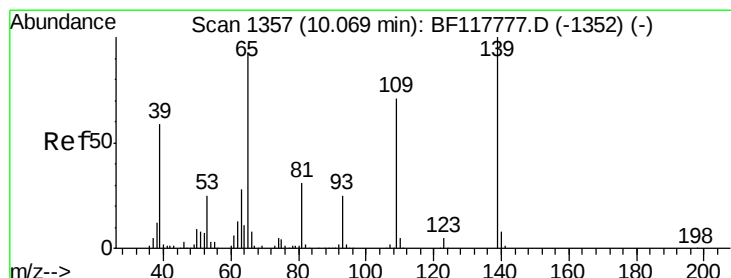
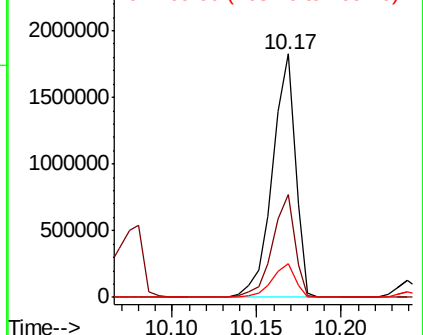
169 13.9 11.5 17.3

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Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 87.301 ng

RT: 10.08 min Scan# 1359

Delta R.T. 0.01 min

Lab File: BF117926.D

Acq: 22 Nov 2019 19:03

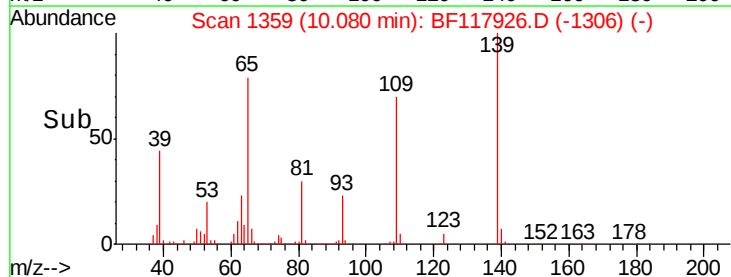
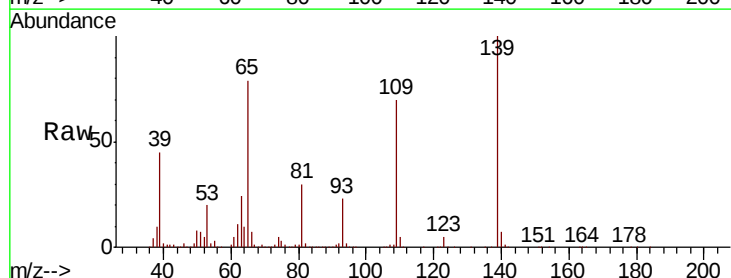
Tgt Ion:139 Resp: 675484

Ion Ratio Lower Upper

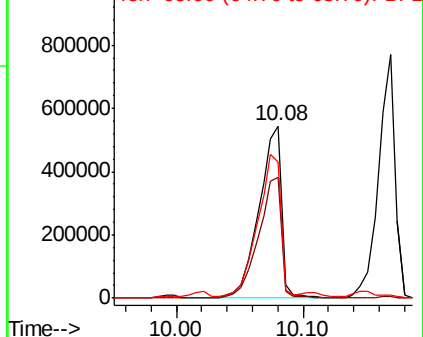
139 100

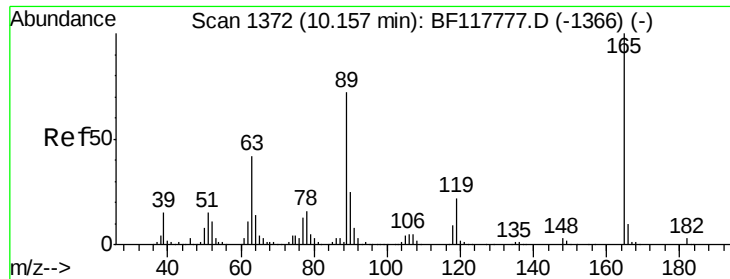
109 70.0 50.8 90.8

65 78.7 73.6 113.6



Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF1





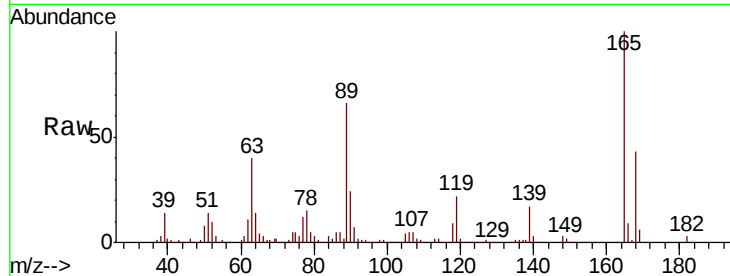
#57
2,4-Dinitrotoluene
Concen: 42.313 ng
RT: 10.15 min Scan# 1371
Delta R.T. -0.01 min
Lab File: BF117926.D
Acq: 22 Nov 2019 19:03

Instrument :
BNA_F
ClientSampleId :
PB125013BS

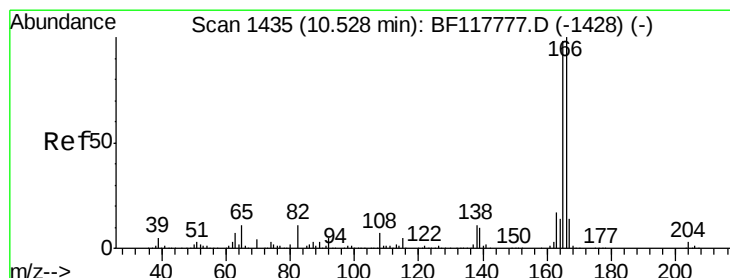
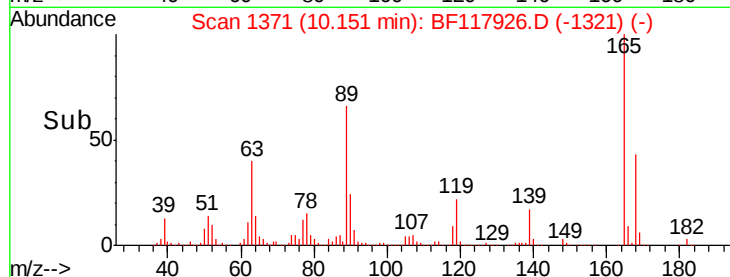
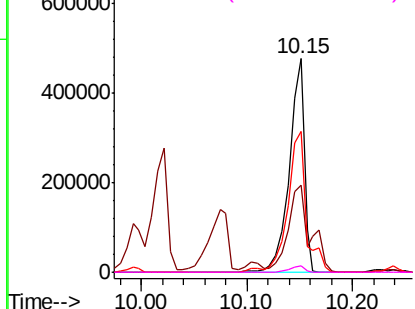
Tot Ion	Ratio	Resp	Lower	Upper
165	100	466284		
63	40.5	33.7	50.5	
89	66.1	57.3	85.9	
182	2.9	2.3	3.5	

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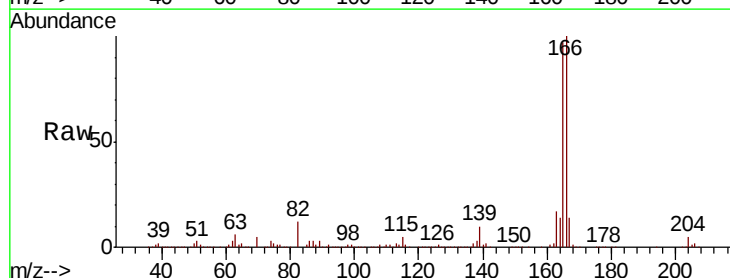


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E

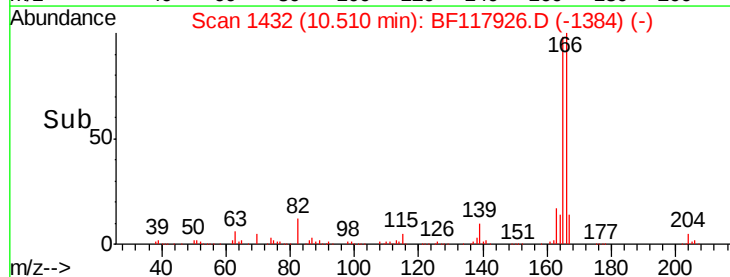
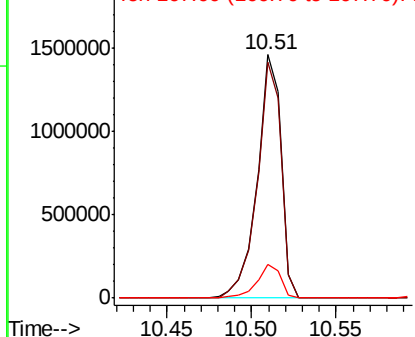


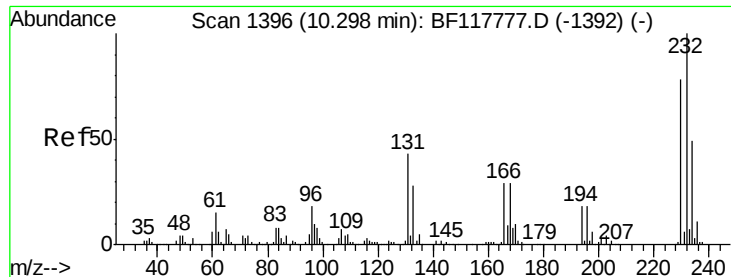
#58
Fluorene
Concen: 41.664 ng
RT: 10.51 min Scan# 1432
Delta R.T. -0.02 min
Lab File: BF117926.D
Acq: 22 Nov 2019 19:03

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	1440544		
165	96.8	78.4	117.6	
167	13.9	11.0	16.4	



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E





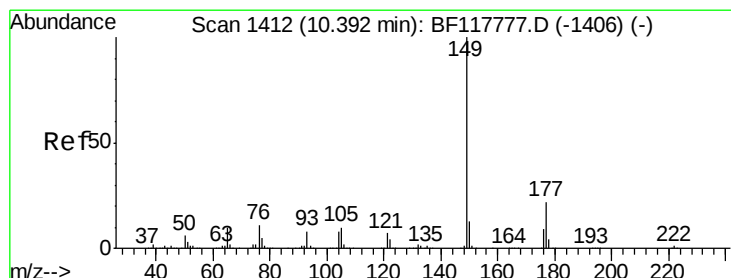
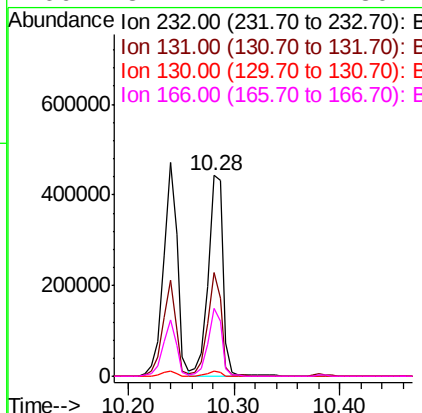
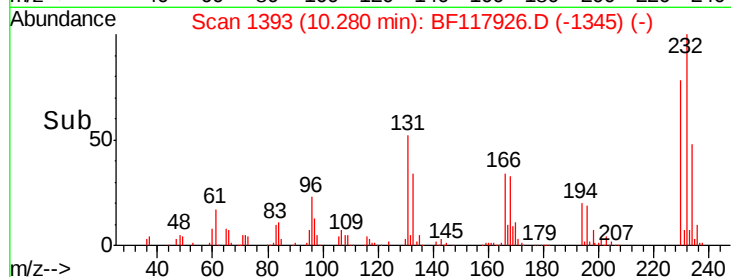
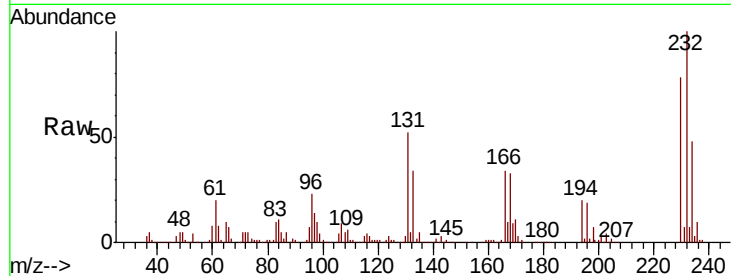
#59
2,3,4,6-Tetrachlorophenol
Concen: 43.553 ng
RT: 10.28 min Scan# 1393
Delta R.T. -0.02 min
Lab File: BF117926.D
Acq: 22 Nov 2019 19:03

Instrument :
BNA_F
ClientSampleId :
PB125013BS

Tot Ion	Ratio	Lower	Upper
232	100		
131	47.1	37.6	56.4
130	2.3	1.9	2.9
166	31.1	24.2	36.4

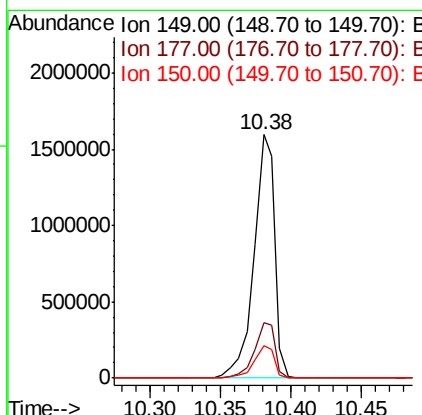
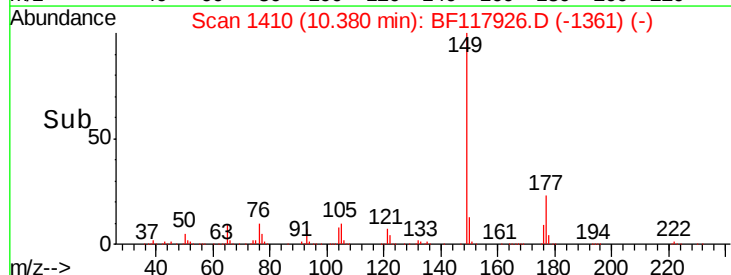
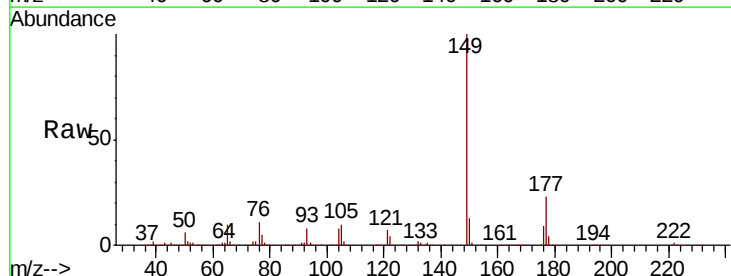
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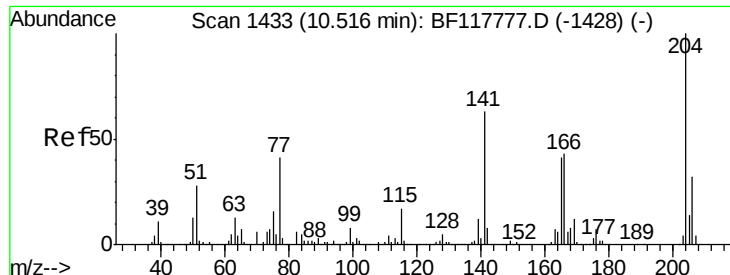
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#60
Diethylphthalate
Concen: 42.540 ng
RT: 10.38 min Scan# 1410
Delta R.T. -0.01 min
Lab File: BF117926.D
Acq: 22 Nov 2019 19:03

Tgt Ion	Ratio	Lower	Upper
149	100		
177	22.9	18.0	27.0
150	13.4	10.5	15.7





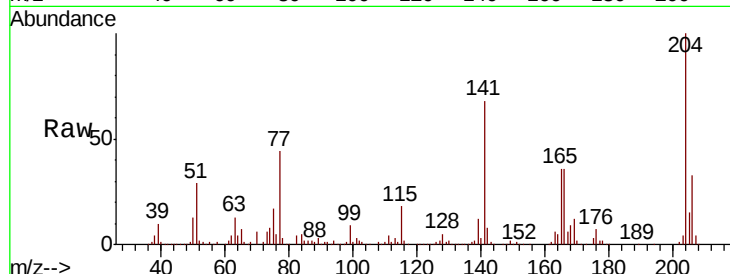
#61
4-Chlorophenyl-phenylether
Concen: 41.160 ng
RT: 10.50 min Scan# 1430
Delta R.T. -0.02 min
Lab File: BF117926.D
Acq: 22 Nov 2019 19:03

Instrument :
BNA_F
ClientSampleID :
PB125013BS

Tot Ion	Ratio	Lower	Upper
204	100		
206	32.6	25.6	38.4
141	68.1	50.7	76.1

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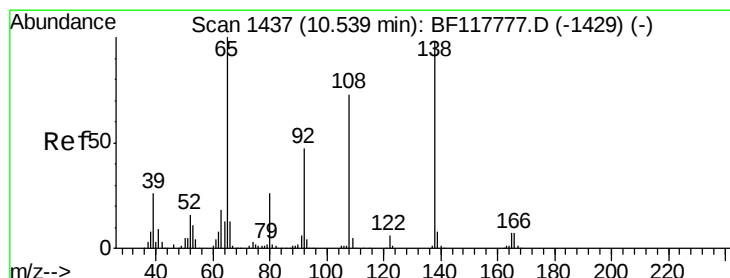
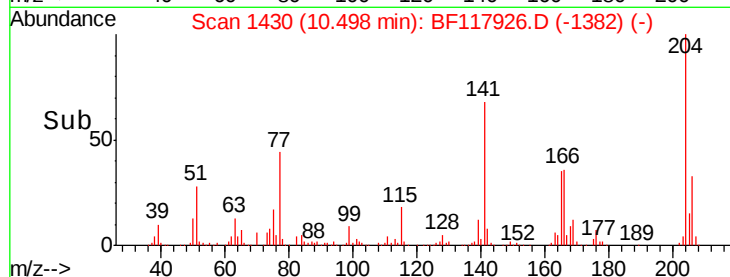
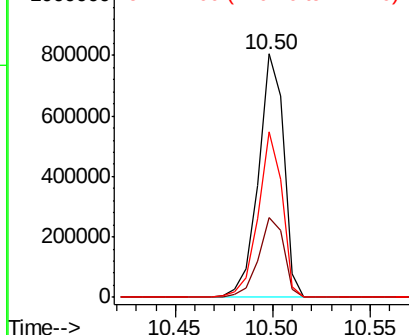


Abundance

Ion 204.00 (203.70 to 204.70): E

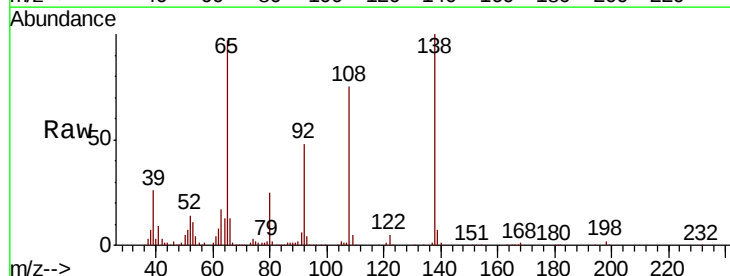
Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62
4-Nitroaniline
Concen: 36.546 ng
RT: 10.53 min Scan# 1436
Delta R.T. -0.01 min
Lab File: BF117926.D
Acq: 22 Nov 2019 19:03

Tgt Ion	Ratio	Lower	Upper
138	100		
92	47.6	28.3	68.3
108	75.0	54.3	94.3

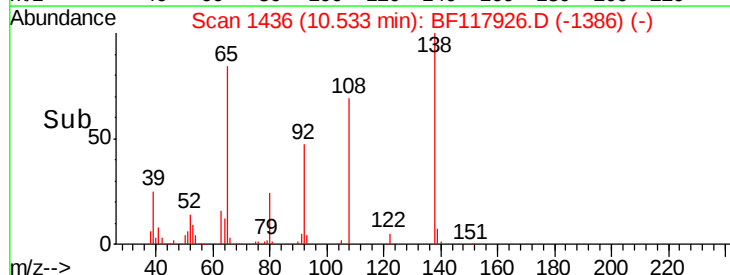
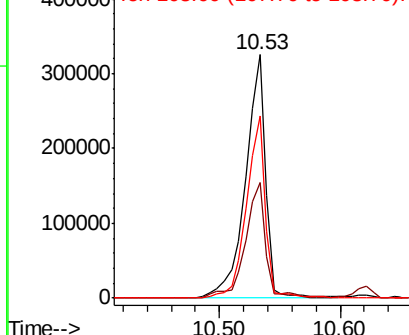


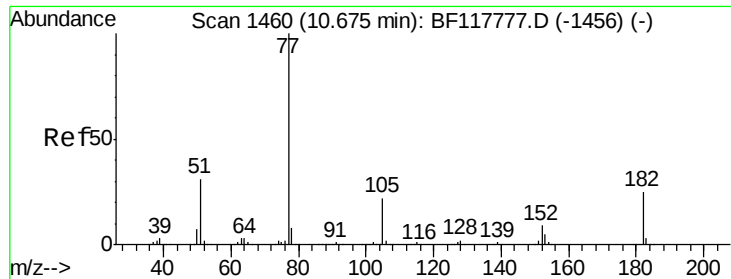
Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF1

Ion 108.00 (107.70 to 108.70): E





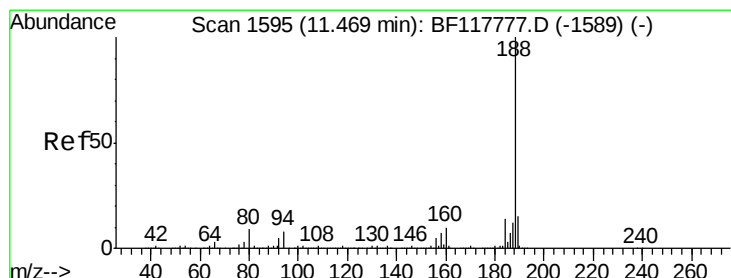
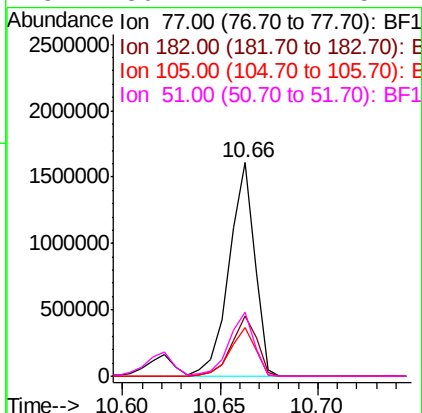
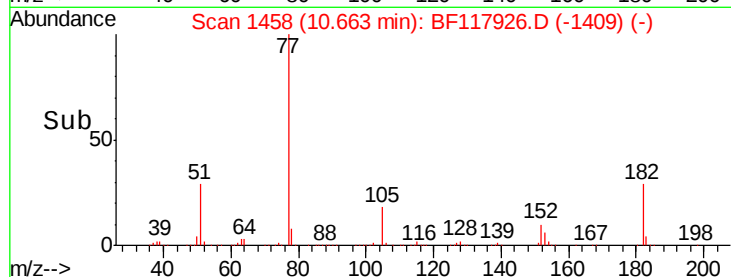
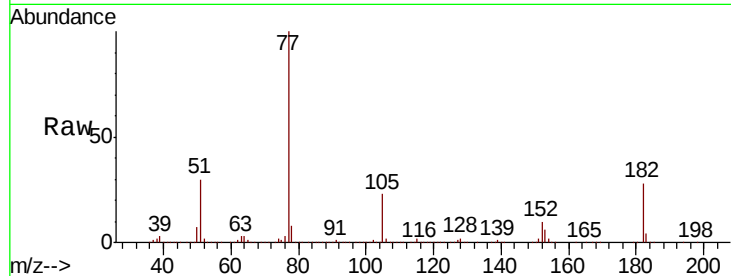
#63
Azobenzene
Concen: 41.604 ng
RT: 10.66 min Scan# 1458
Delta R.T. -0.01 min
Lab File: BF117926.D
Acq: 22 Nov 2019 19:03

Instrument :
BNA_F
ClientSampleId :
PB125013BS

Tot Ion	Ratio	Lower	Upper
77	100		
182	28.3	4.8	44.8
105	22.6	2.1	42.1
51	30.1	11.4	51.4

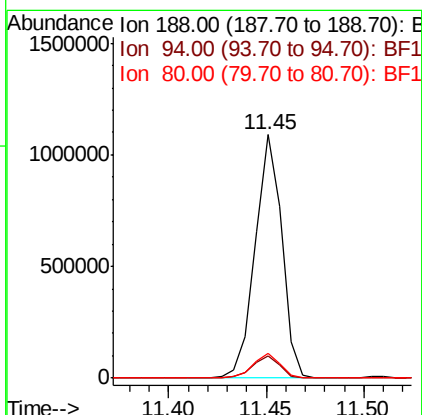
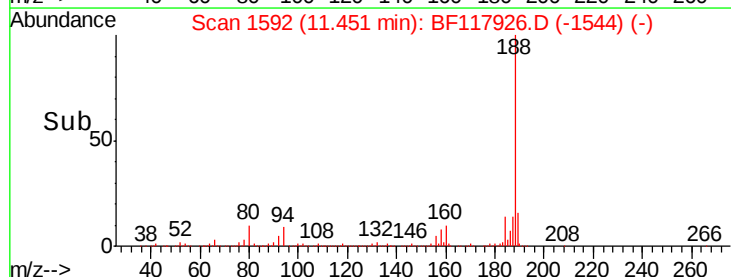
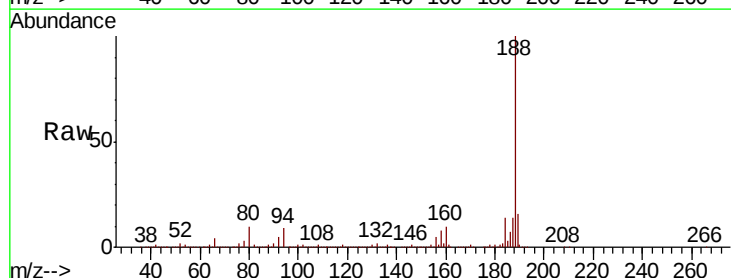
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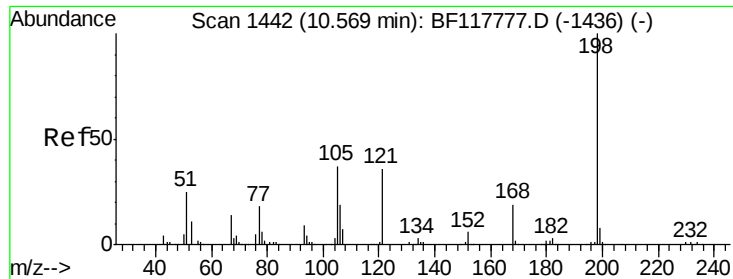
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.45 min Scan# 1592
Delta R.T. -0.02 min
Lab File: BF117926.D
Acq: 22 Nov 2019 19:03

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.3	6.6	10.0
80	10.0	7.2	10.8





#65

4,6-Dinitro-2-methylphenol

Concen: 60.703 ng

RT: 10.56 min Scan# 1441

Delta R.T. -0.01 min

Lab File: BF117926.D

Acq: 22 Nov 2019 19:03

Instrument :

BNA_F

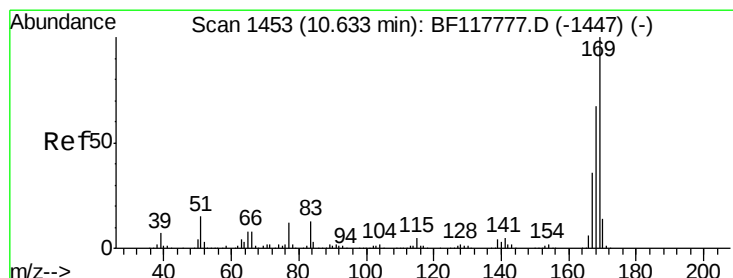
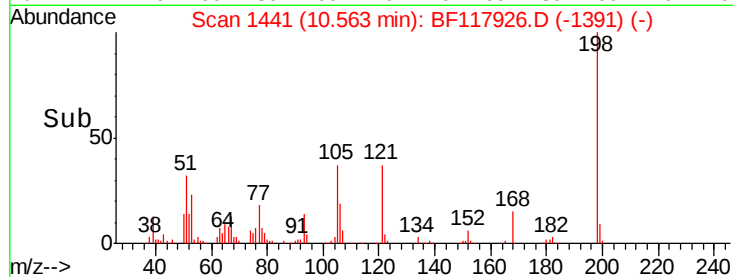
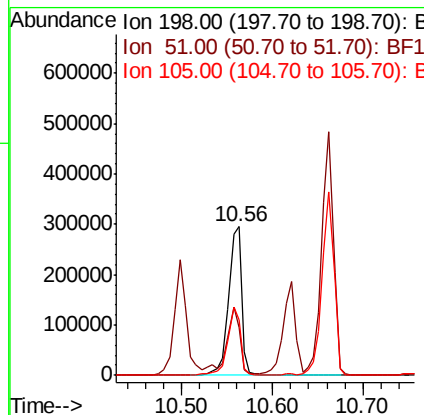
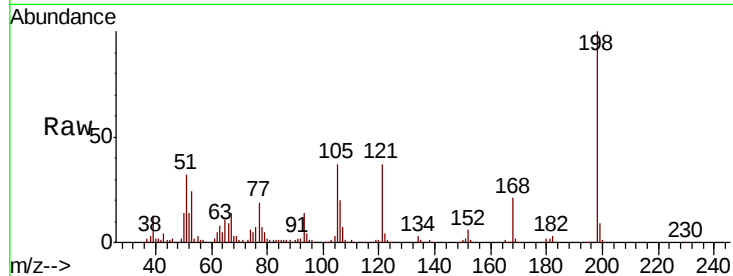
ClientSampleId :

PB125013BS

Tot Ion:	198	Resp:	292644
Ion Ratio	Lower	Upper	
198	100		
51	31.8	16.0	56.0
105	37.1	19.1	59.1

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#66

n-Nitrosodiphenylamine

Concen: 44.311 ng

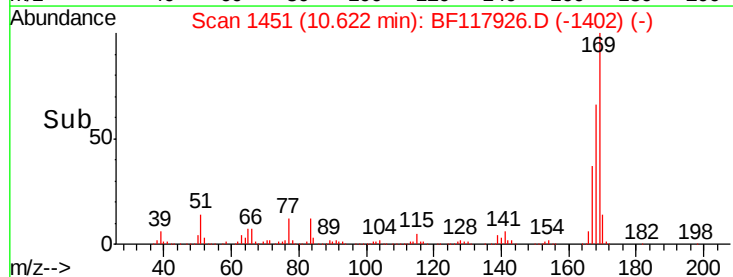
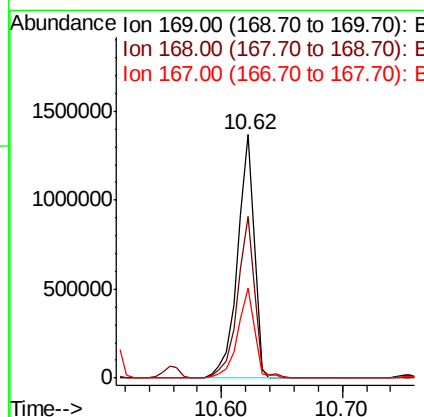
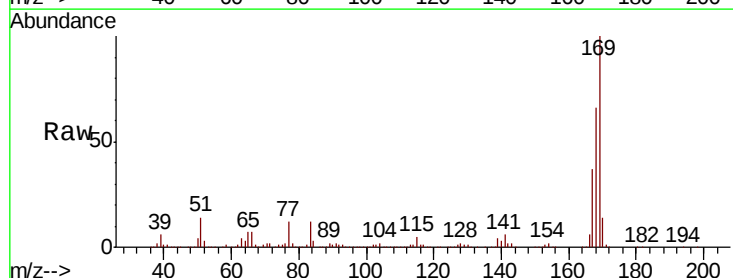
RT: 10.62 min Scan# 1451

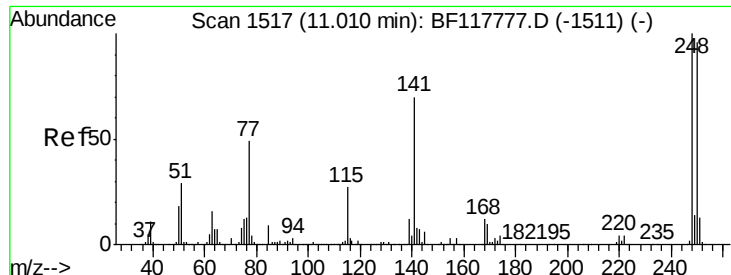
Delta R.T. -0.01 min

Lab File: BF117926.D

Acq: 22 Nov 2019 19:03

Tgt Ion:	169	Resp:	1331728
Ion Ratio	Lower	Upper	
169	100		
168	66.3	53.5	80.3
167	36.9	29.0	43.4





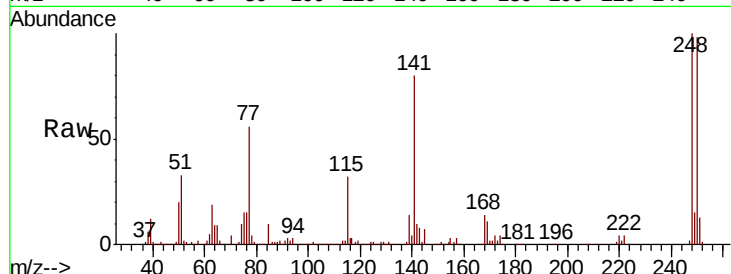
#67
4-Bromophenyl-phenylether
Concen: 41.990 ng
RT: 10.99 min Scan# 1514
Delta R.T. -0.02 min
Lab File: BF117926.D
Acq: 22 Nov 2019 19:03

Instrument :
BNA_F
ClientSampleId :
PB125013BS

Tot Ion	Ratio	Lower	Upper
248	100		
250	98.0	76.6	115.0
141	79.7	55.9	83.9

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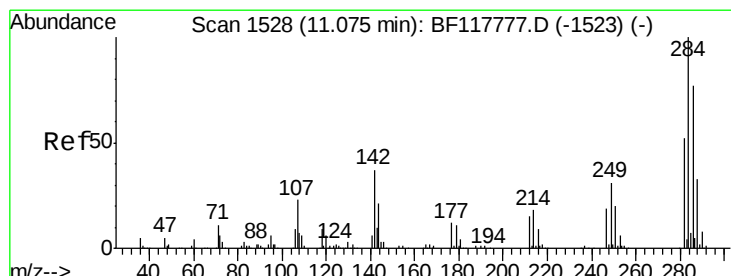
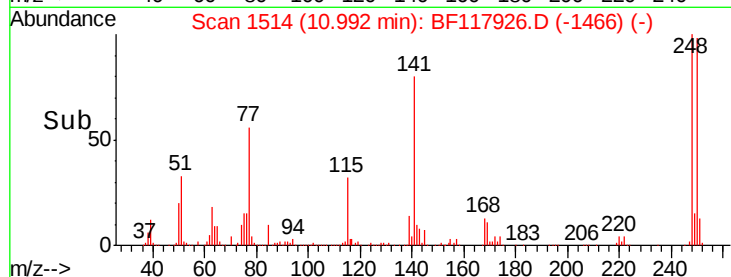
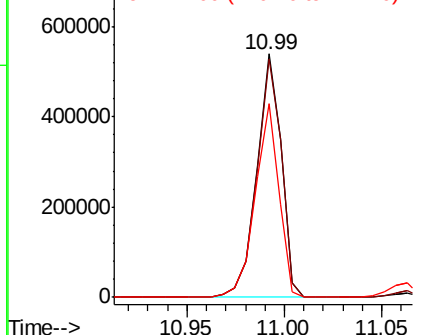


Abundance

Ion 248.00 (247.70 to 248.70): E

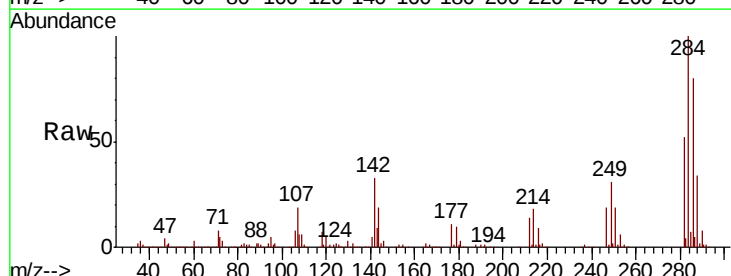
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 41.886 ng
RT: 11.06 min Scan# 1526
Delta R.T. -0.01 min
Lab File: BF117926.D
Acq: 22 Nov 2019 19:03

Tgt Ion	Ratio	Lower	Upper
284	100		
142	32.8	29.4	44.2
249	30.9	24.6	37.0

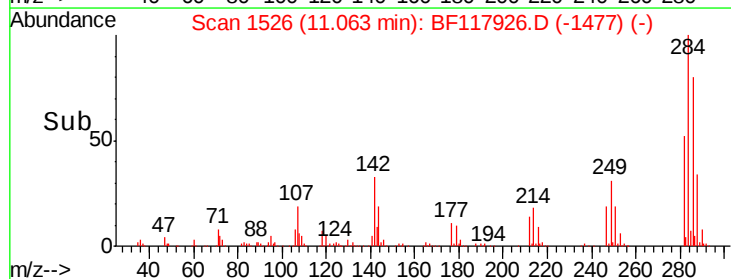
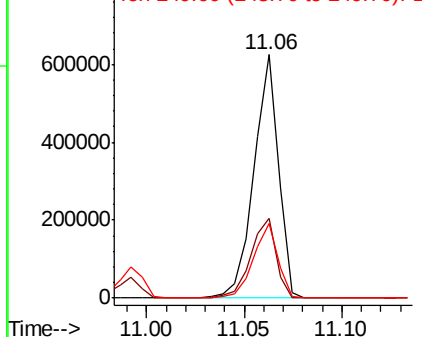


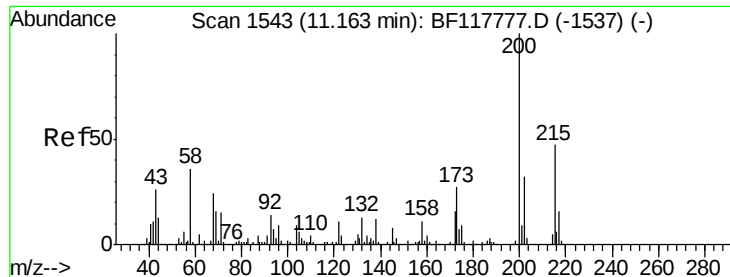
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





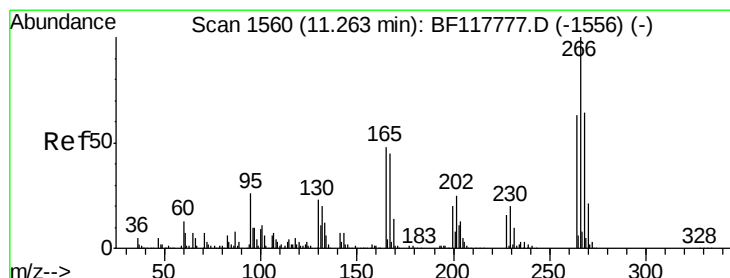
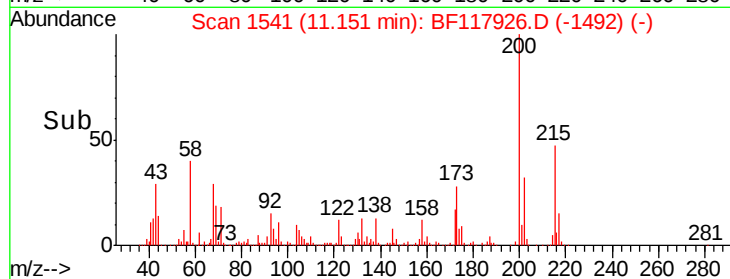
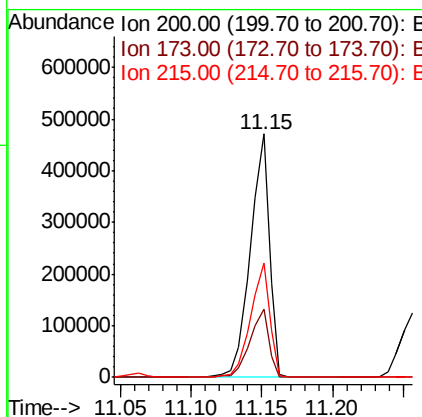
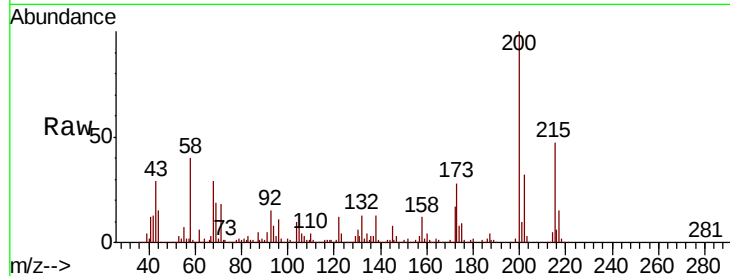
#69
Atrazine
Concen: 45.553 ng
RT: 11.15 min Scan# 1541
Delta R.T. -0.01 min
Lab File: BF117926.D
Acq: 22 Nov 2019 19:03

Instrument :
BNA_F
ClientSampleId :
PB125013BS

Tot Ion	Ratio	Lower	Upper
200	100		
173	28.2	6.7	46.7
215	46.9	27.5	67.5

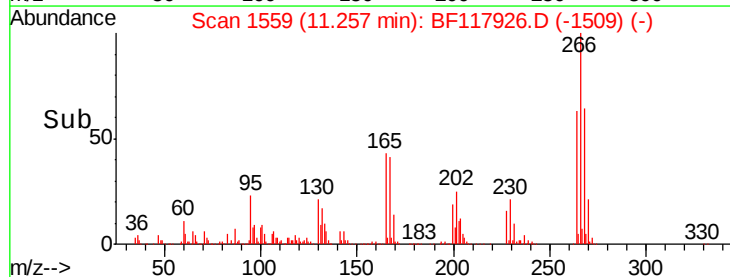
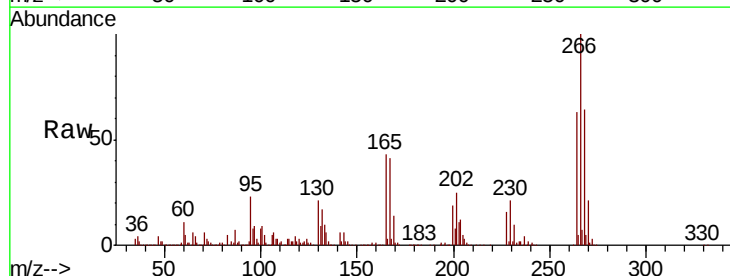
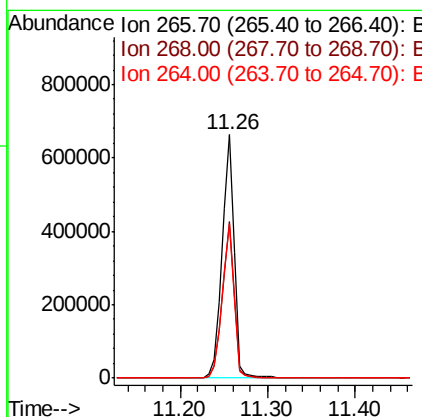
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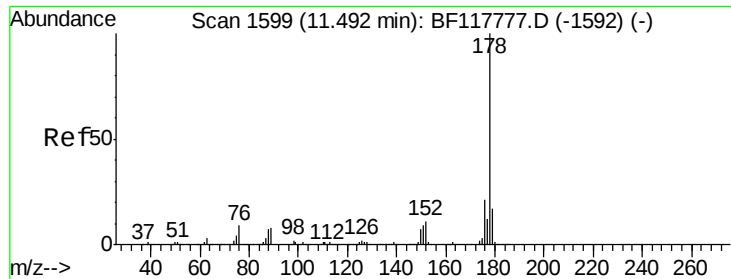
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#70
Pentachlorophenol
Concen: 84.767 ng
RT: 11.26 min Scan# 1559
Delta R.T. -0.01 min
Lab File: BF117926.D
Acq: 22 Nov 2019 19:03

Tgt Ion	Ratio	Lower	Upper
266	100		
268	64.5	50.8	76.2
264	63.2	50.7	76.1





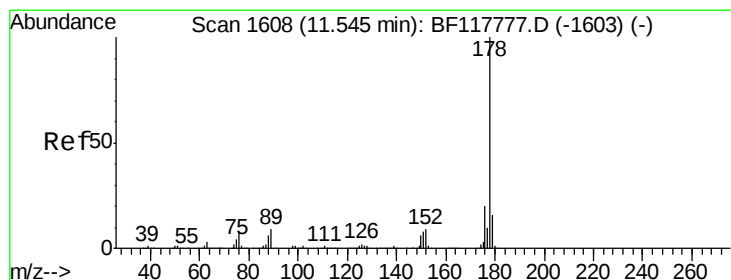
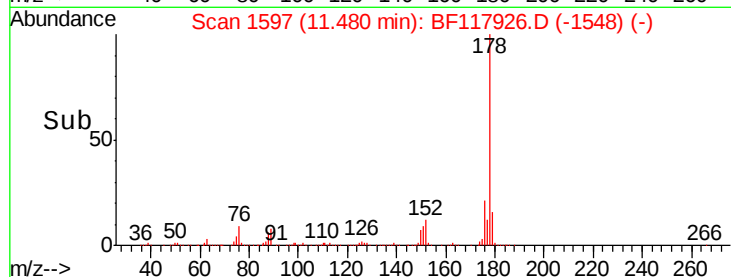
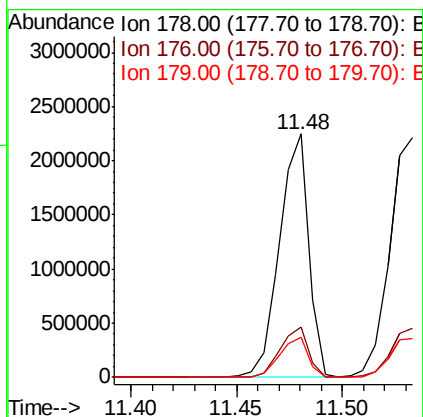
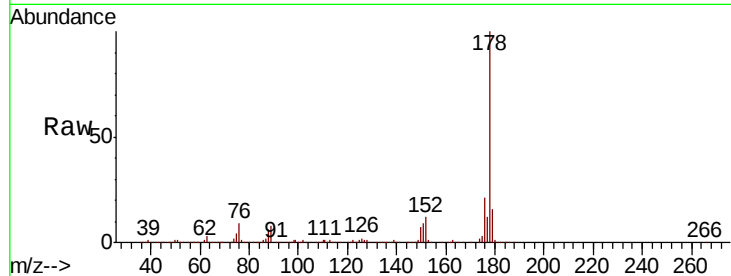
#71
Phenanthrene
Concen: 41.824 ng
RT: 11.48 min Scan# 1597
Delta R.T. -0.01 min
Lab File: BF117926.D
Acq: 22 Nov 2019 19:03

Instrument :
BNA_F
ClientSampleId :
PB125013BS

Tot Ion	Ion	Ratio	Lower	Upper
178	100			
176	20.6	16.6	25.0	
179	16.3	13.2	19.8	

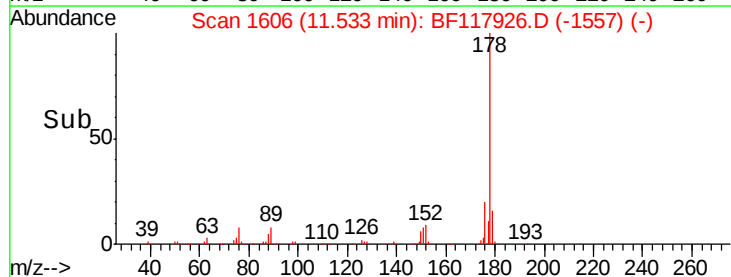
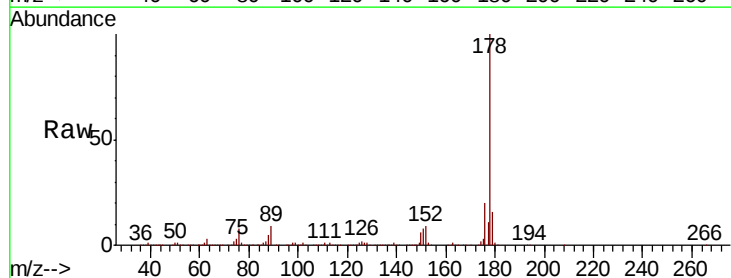
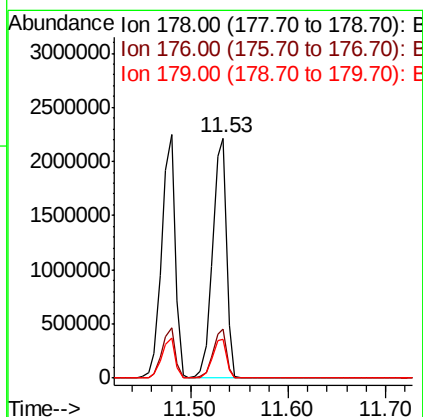
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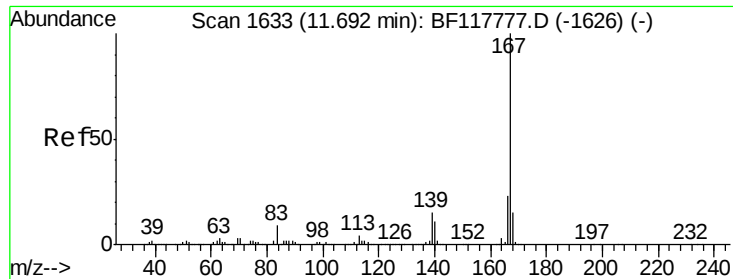
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#72
Anthracene
Concen: 42.387 ng
RT: 11.53 min Scan# 1606
Delta R.T. -0.01 min
Lab File: BF117926.D
Acq: 22 Nov 2019 19:03

Tgt Ion	Ion	Ratio	Lower	Upper
178	100			
176	20.4	16.1	24.1	
179	16.4	13.0	19.4	





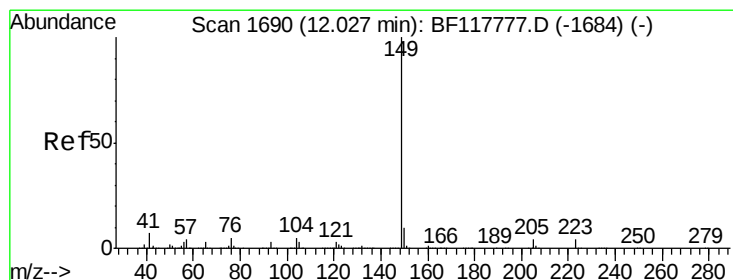
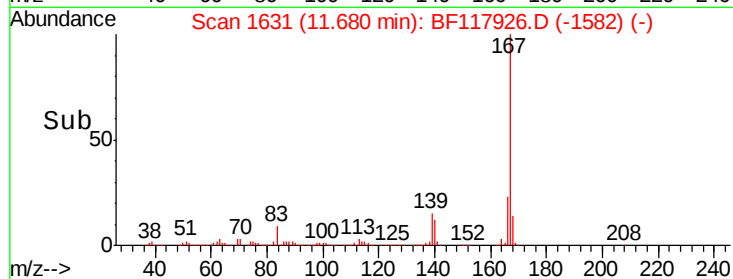
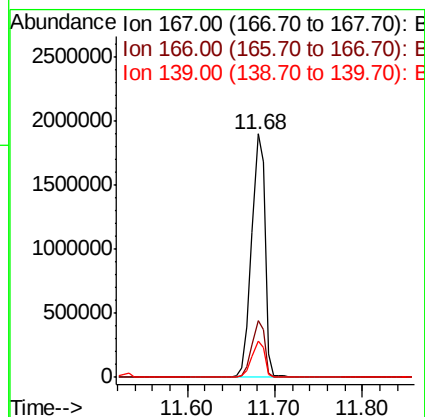
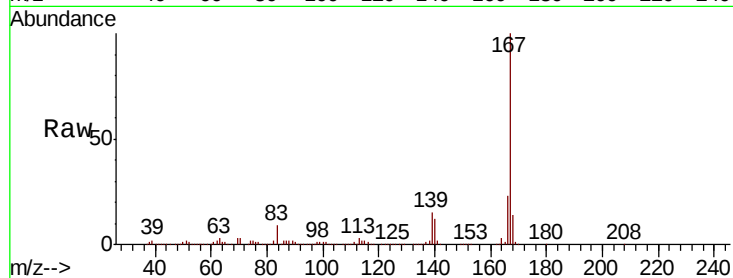
#73
 Carbazole
 Concen: 42.782 ng
 RT: 11.68 min Scan# 1631
 Delta R.T. -0.01 min
 Lab File: BF117926.D
 Acq: 22 Nov 2019 19:03

Instrument :
 BNA_F
 ClientSampleId :
 PB125013BS

Tot Ion:167 Resp: 1924497
 Ion Ratio Lower Upper
 167 100
 166 23.2 18.0 27.0
 139 14.9 11.7 17.5

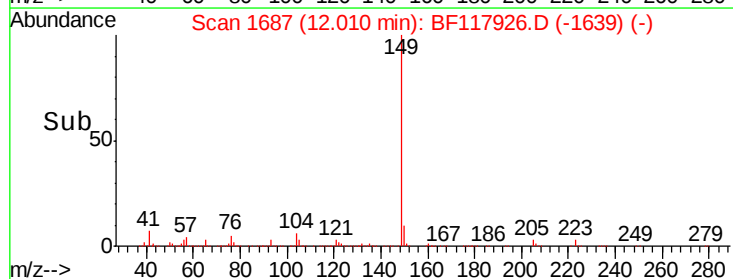
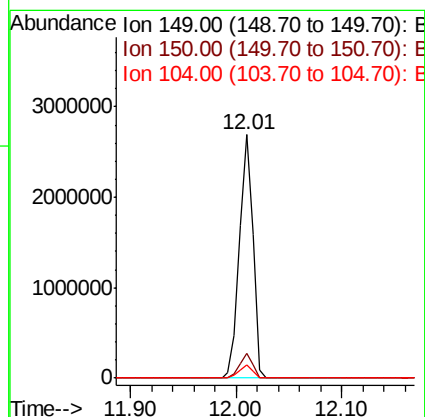
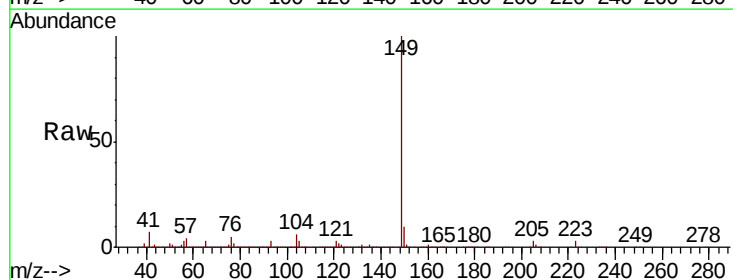
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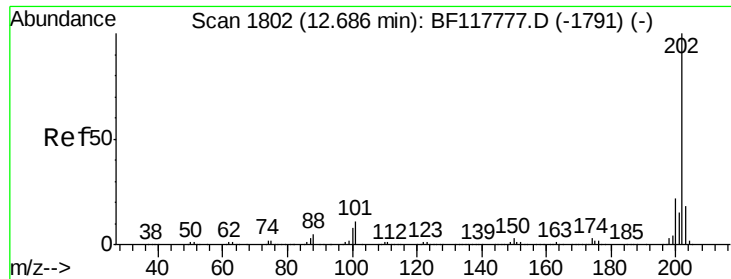
mohammad
 11/25/2019 8:19:28 AM



#74
 Di-n-butylphthalate
 Concen: 41.740 ng
 RT: 12.01 min Scan# 1687
 Delta R.T. -0.02 min
 Lab File: BF117926.D
 Acq: 22 Nov 2019 19:03

Tgt Ion:149 Resp: 2337821
 Ion Ratio Lower Upper
 149 100
 150 10.1 7.9 11.9
 104 5.6 4.2 6.4





#75

Fluoranthene

Concen: 47.348 ng

RT: 12.67 min Scan# 1799

Delta R.T. -0.02 min

Lab File: BF117926.D

Acq: 22 Nov 2019 19:03

Instrument :

BNA_F

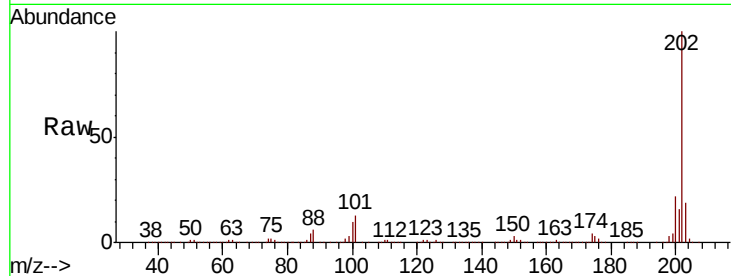
ClientSampleId :

PB125013BS

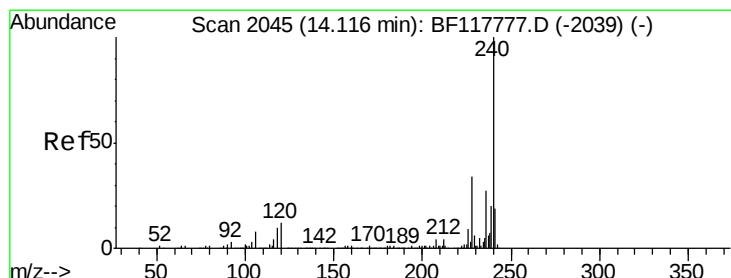
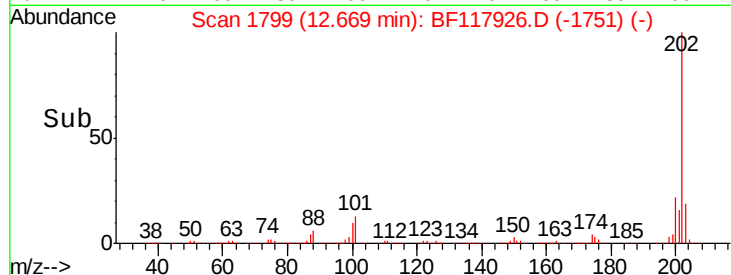
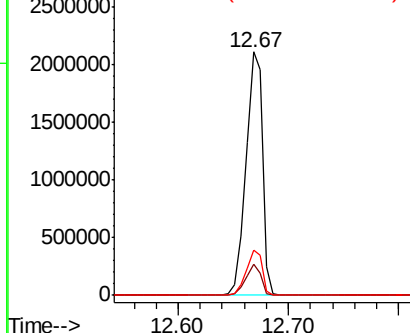
Tot Ion:	202	Resp:	2220045
Ion Ratio	Lower	Upper	
202	100		
101	12.9	0.0	31.1
203	18.7	0.0	38.2

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Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

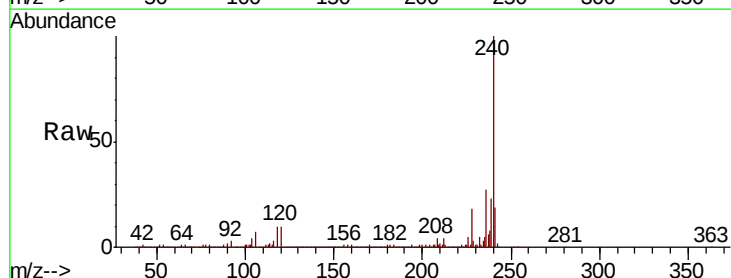
RT: 14.10 min Scan# 2043

Delta R.T. -0.01 min

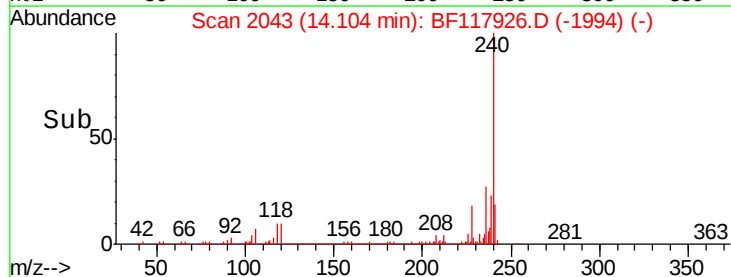
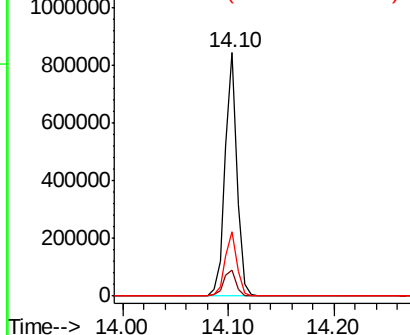
Lab File: BF117926.D

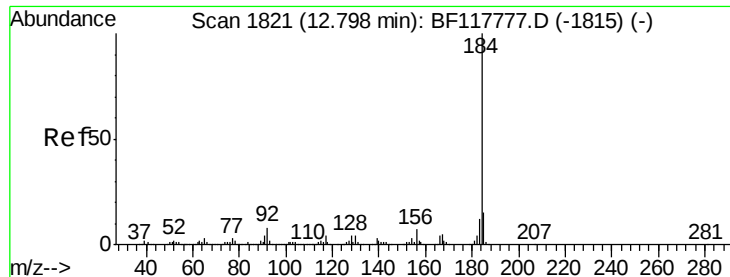
Acq: 22 Nov 2019 19:03

Tgt Ion:	240	Resp:	665030
Ion Ratio	Lower	Upper	
240	100		
120	10.5	9.5	14.3
236	26.5	21.3	31.9



Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 11.239 ng

RT: 12.79 min Scan# 1819

Delta R.T. -0.01 min

Lab File: BF117926.D

Acq: 22 Nov 2019 19:03

Instrument :

BNA_F

ClientSampleId :

PB125013BS

Tot Ion:184 Resp: 244836

Ion Ratio Lower Upper

184 100

185 14.3 12.2 18.4

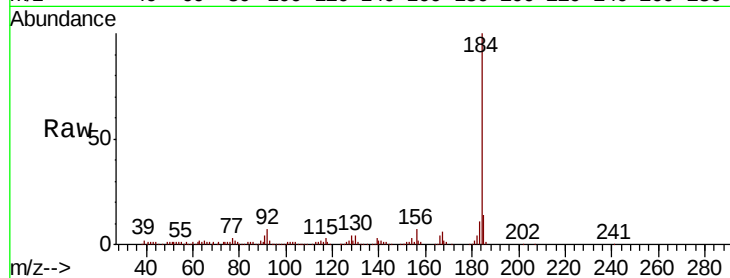
183 11.3 9.5 14.3

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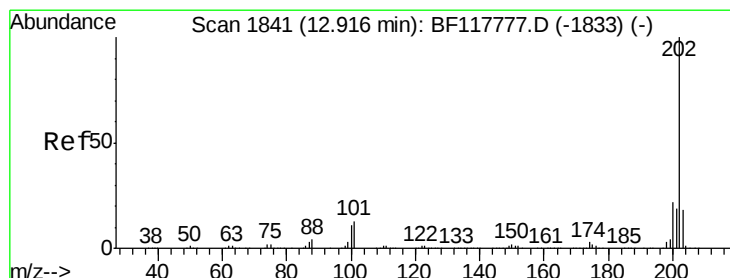
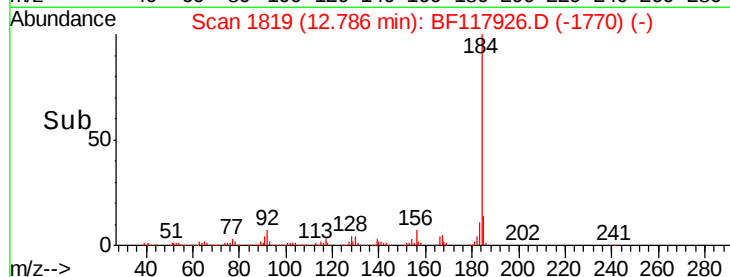
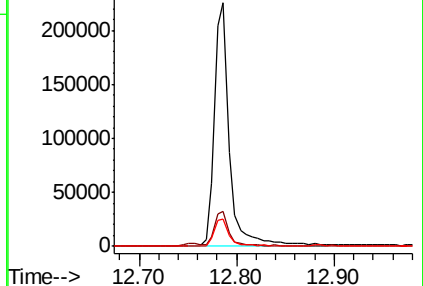
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Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 40.085 ng

RT: 12.90 min Scan# 1839

Delta R.T. -0.01 min

Lab File: BF117926.D

Acq: 22 Nov 2019 19:03

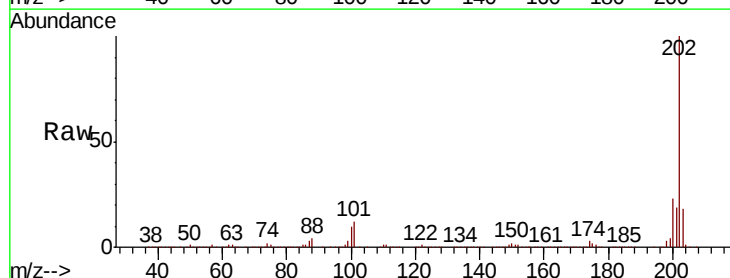
Tgt Ion:202 Resp: 2154375

Ion Ratio Lower Upper

202 100

200 22.8 17.8 26.8

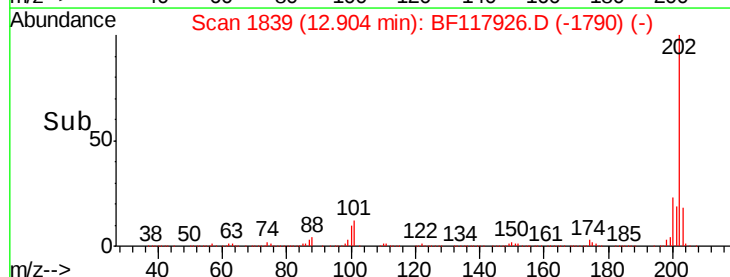
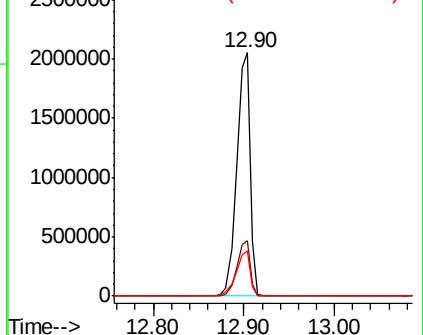
203 18.3 14.6 22.0

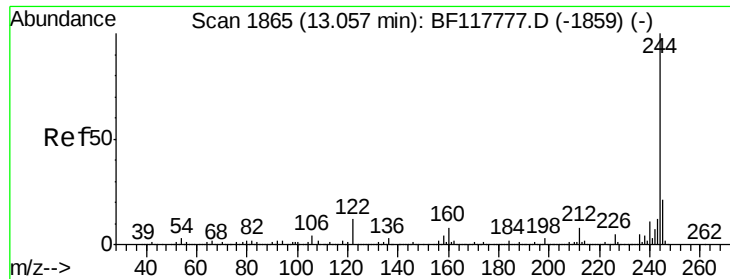


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 66.442 ng

RT: 13.04 min Scan# 1862

Delta R.T. -0.02 min

Lab File: BF117926.D

Acq: 22 Nov 2019 19:03

Instrument :

BNA_F

ClientSampleId :

PB125013BS

Tot Ion:244 Resp: 2417696

Ion Ratio Lower Upper

244 100

212 7.8 6.3 9.5

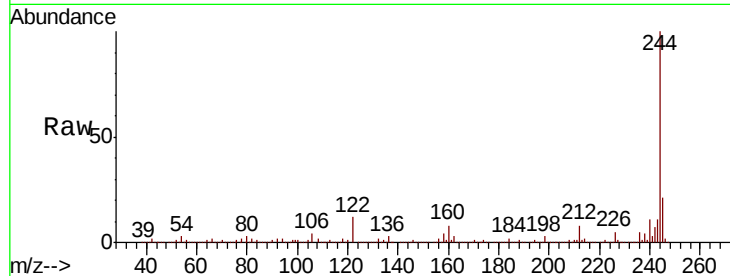
122 12.0 9.4 14.2

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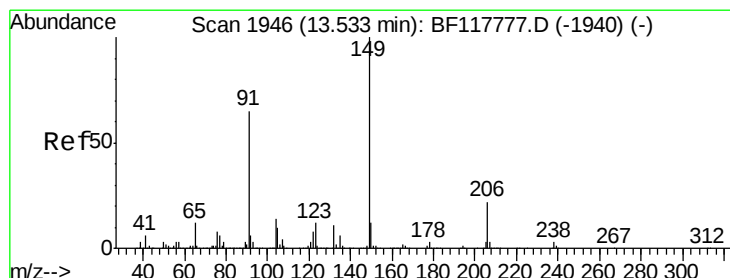
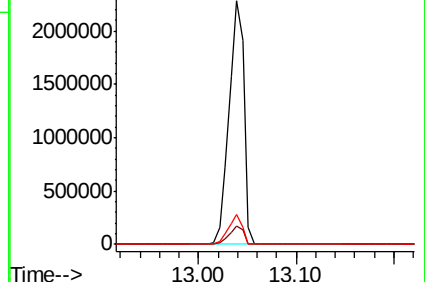
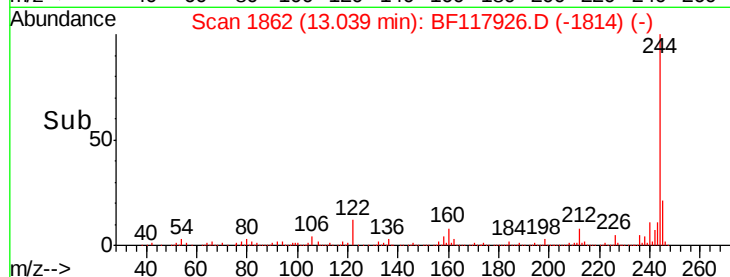
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Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 39.438 ng

RT: 13.52 min Scan# 1943

Delta R.T. -0.02 min

Lab File: BF117926.D

Acq: 22 Nov 2019 19:03

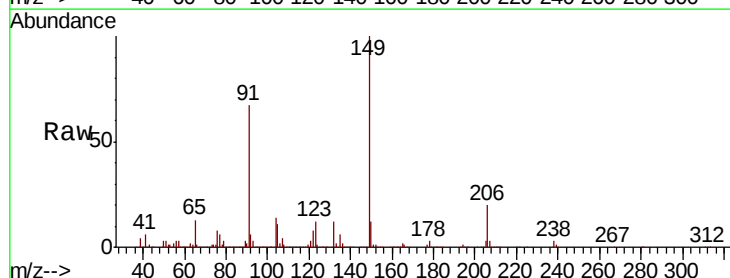
Tgt Ion:149 Resp: 910364

Ion Ratio Lower Upper

149 100

91 67.3 51.9 77.9

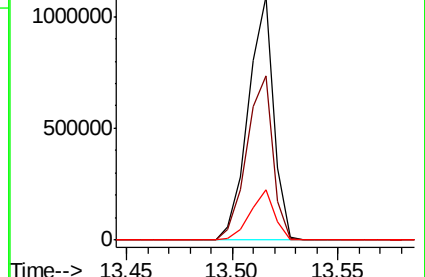
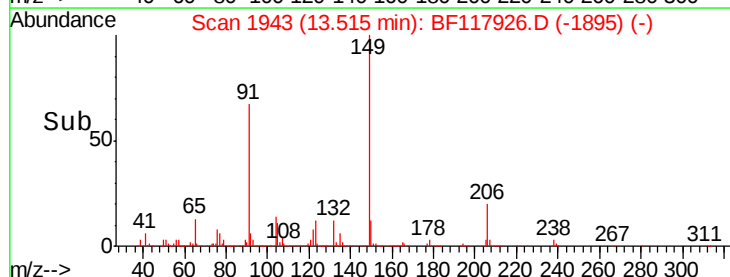
206 20.5 17.2 25.8

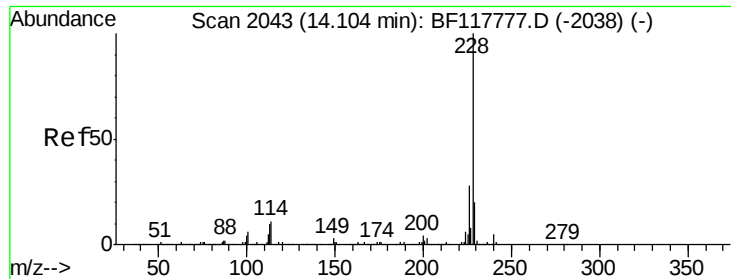


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





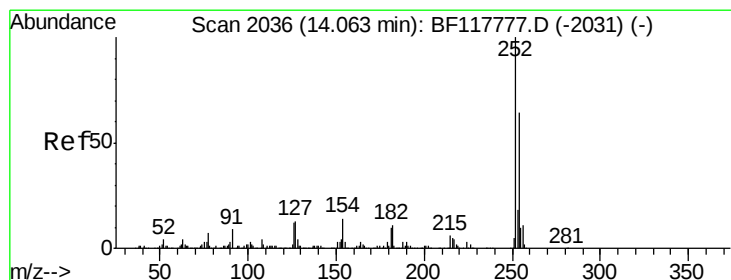
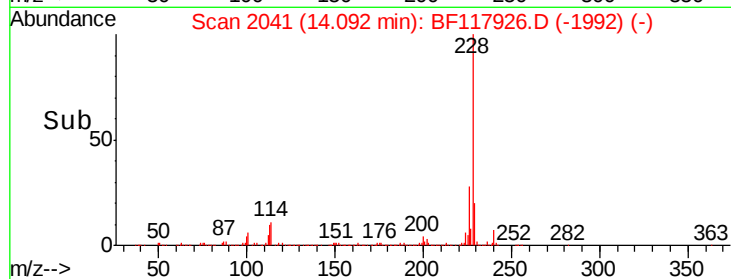
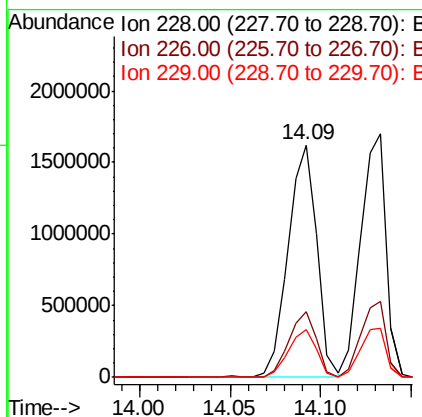
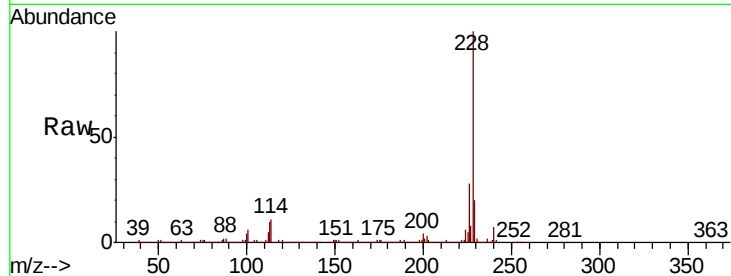
#81
Benzo(a)anthracene
Concen: 40.888 ng
RT: 14.09 min Scan# 2041
Delta R.T. -0.01 min
Lab File: BF117926.D
Acq: 22 Nov 2019 19:03

Instrument :
BNA_F
ClientSampleId :
PB125013BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	28.0	22.2	33.2
229	20.4	15.9	23.9

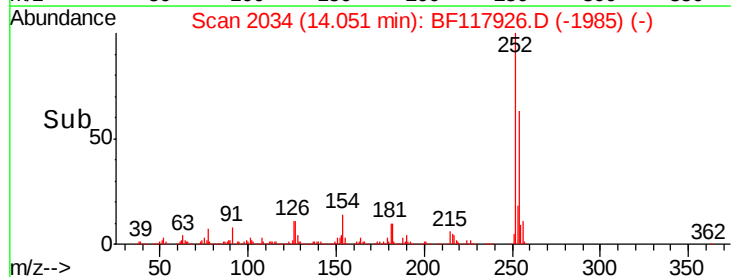
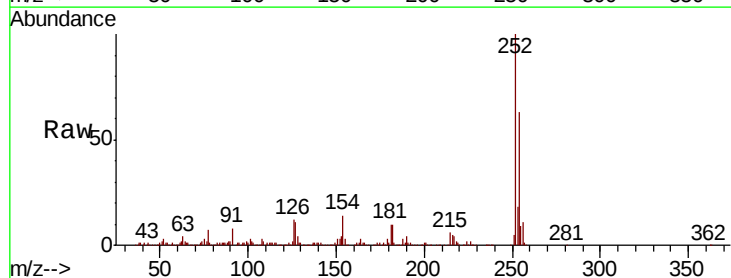
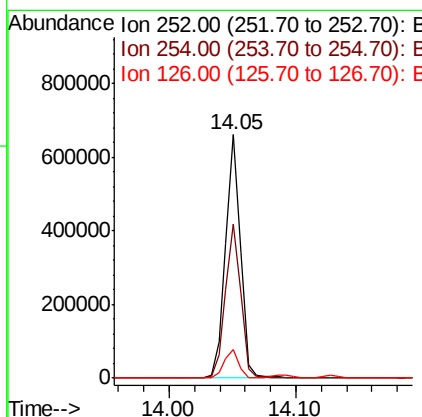
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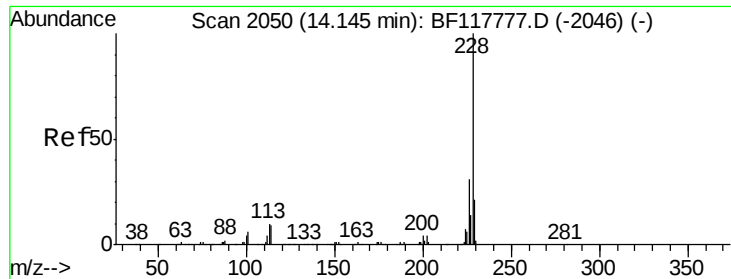
mohammad
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#82
3,3'-Dichlorobenzidine
Concen: 35.675 ng
RT: 14.05 min Scan# 2034
Delta R.T. -0.01 min
Lab File: BF117926.D
Acq: 22 Nov 2019 19:03

Tgt Ion	Ratio	Lower	Upper
252	100		
254	63.5	51.0	76.6
126	11.5	9.7	14.5





#83

Chrysene

Concen: 39.000 ng

RT: 14.13 min Scan# 2048

Delta R.T. -0.01 min

Lab File: BF117926.D

Acq: 22 Nov 2019 19:03

Instrument :

BNA_F

ClientSampleId :

PB125013BS

Tot Ion:228 Resp: 1660762

Ion Ratio Lower Upper

228 100

226 31.2 25.0 37.4

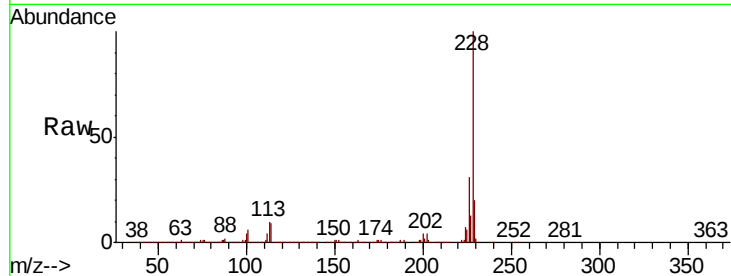
229 20.3 16.6 25.0

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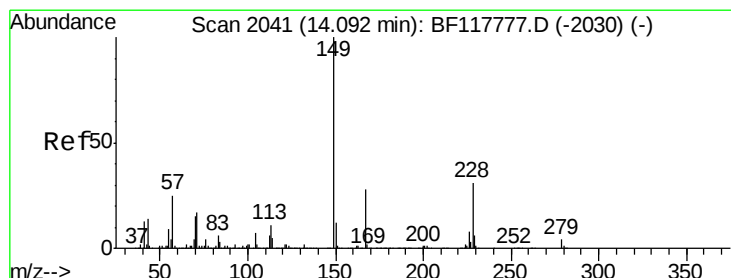
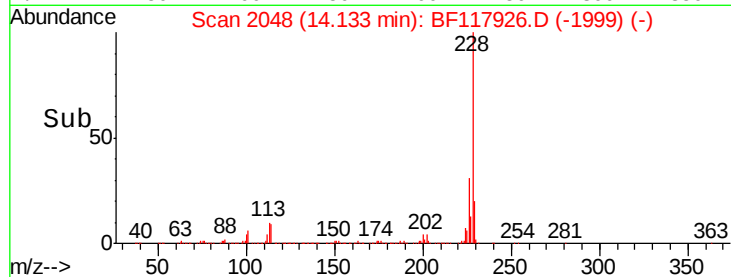
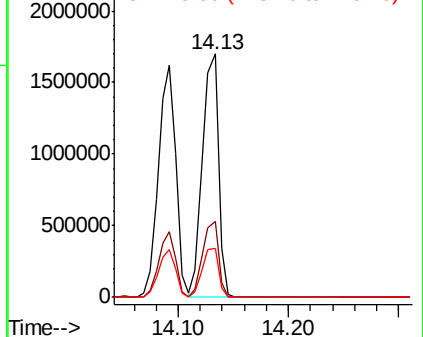


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 44.931 ng

RT: 14.07 min Scan# 2038

Delta R.T. -0.02 min

Lab File: BF117926.D

Acq: 22 Nov 2019 19:03

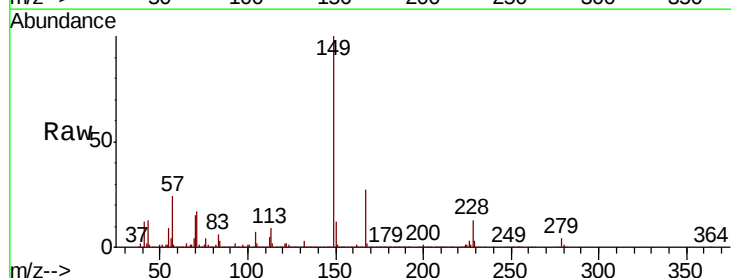
Tgt Ion:149 Resp: 1257397

Ion Ratio Lower Upper

149 100

167 27.3 22.2 33.2

279 4.4 3.4 5.2

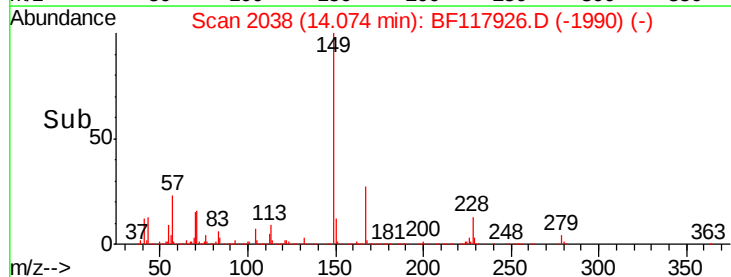
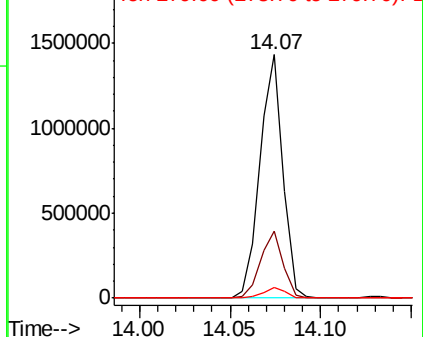


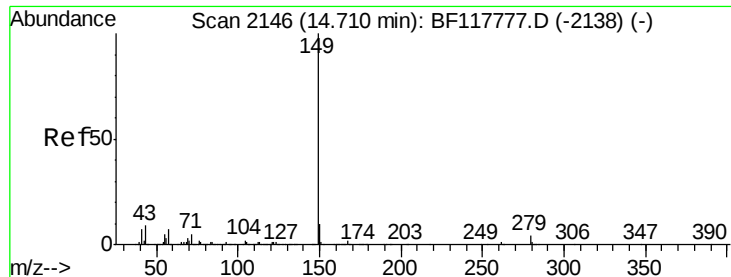
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 46.232 ng

RT: 14.69 min Scan# 2143

Delta R.T. -0.02 min

Lab File: BF117926.D

Acq: 22 Nov 2019 19:03

Instrument :

BNA_F

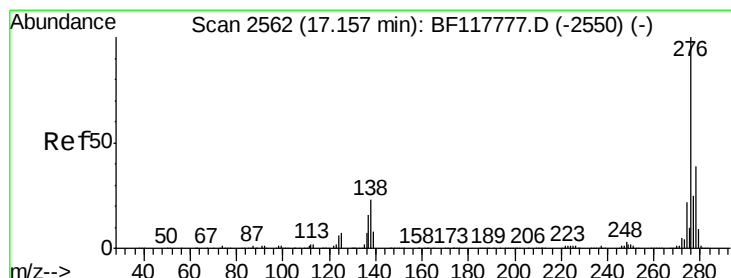
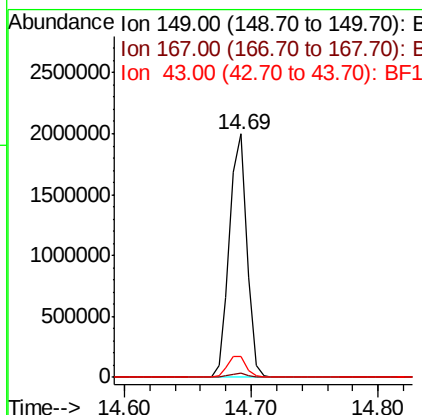
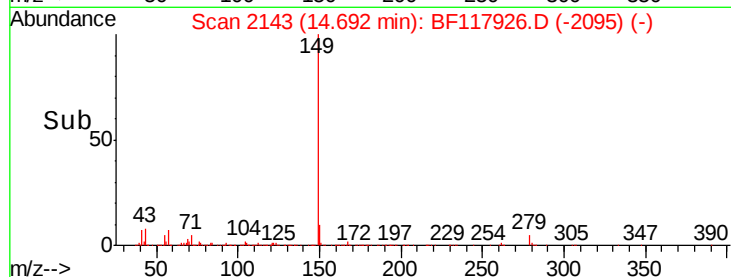
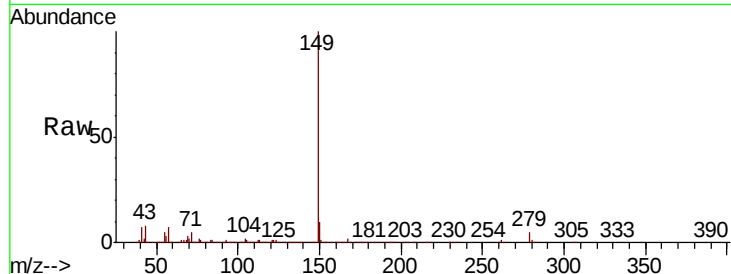
ClientSampleId :

PB125013BS

Tot Ion:	149	Resp:	1900739
Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.2	1.8
43	8.9	7.4	11.2

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#86

Indeno(1,2,3-cd)pyrene

Concen: 38.890 ng

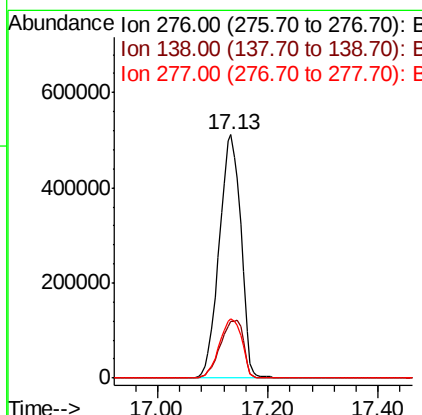
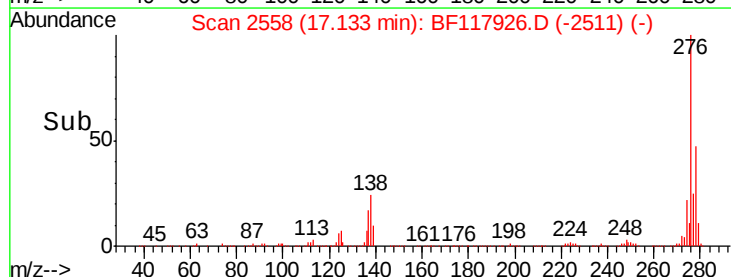
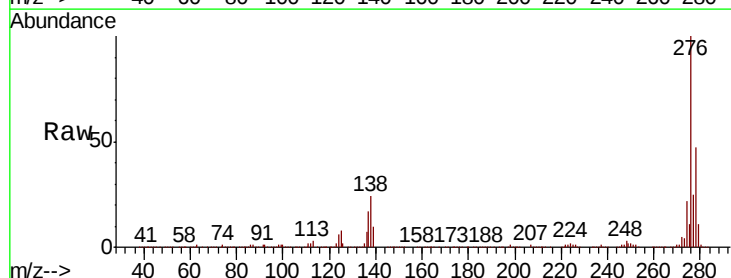
RT: 17.13 min Scan# 2558

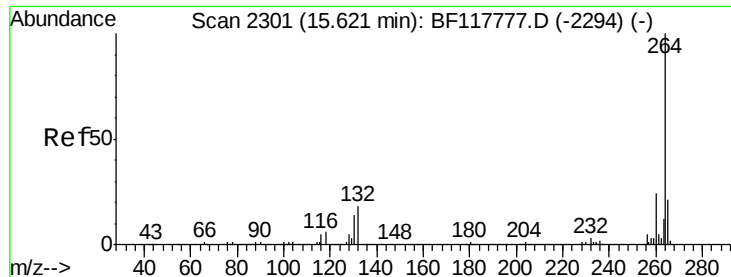
Delta R.T. -0.02 min

Lab File: BF117926.D

Acq: 22 Nov 2019 19:03

Tgt Ion:	276	Resp:	1409494
Ion	Ratio	Lower	Upper
276	100		
138	25.5	20.9	31.3
277	25.5	20.3	30.5





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.60 min Scan# 2297

Delta R.T. -0.02 min

Lab File: BF117926.D

Acq: 22 Nov 2019 19:03

Instrument :

BNA_F

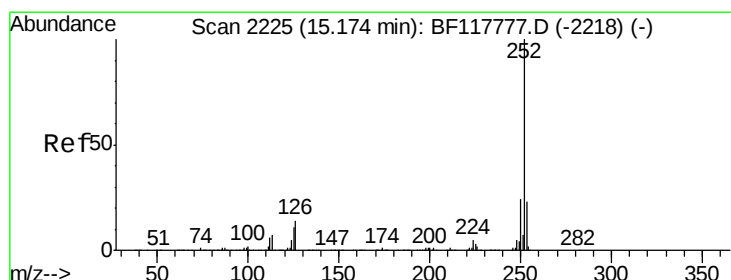
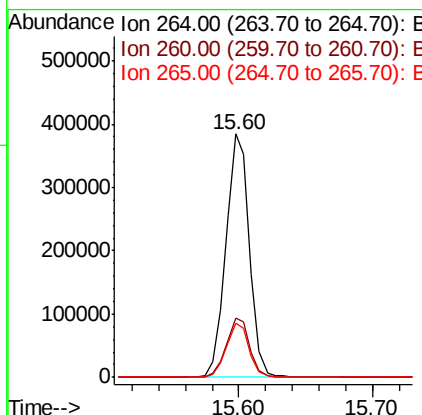
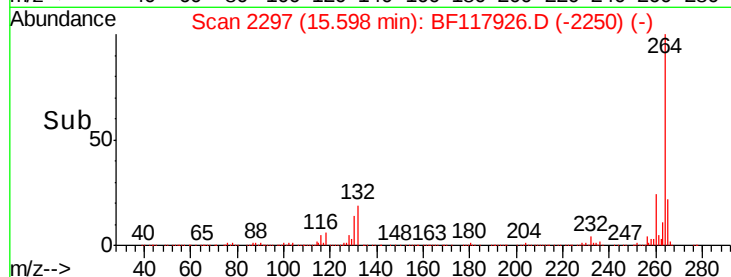
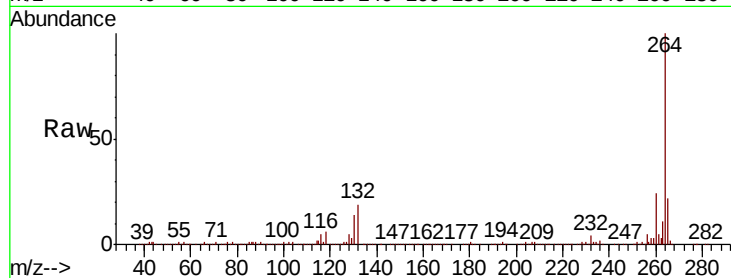
ClientSampleId :

PB125013BS

Tot Ion:	264	Resp:	475454
Ion Ratio	Lower	Upper	
264	100		
260	24.1	19.4	29.0
265	22.2	17.1	25.7

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#88

Benzo(b)fluoranthene

Concen: 50.243 ng

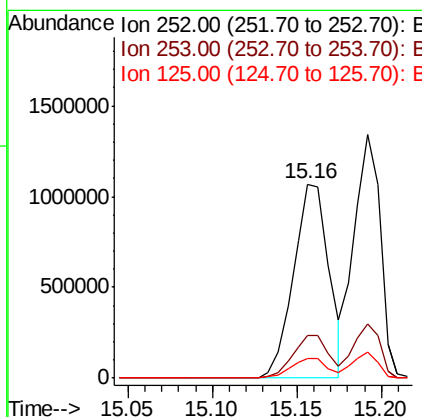
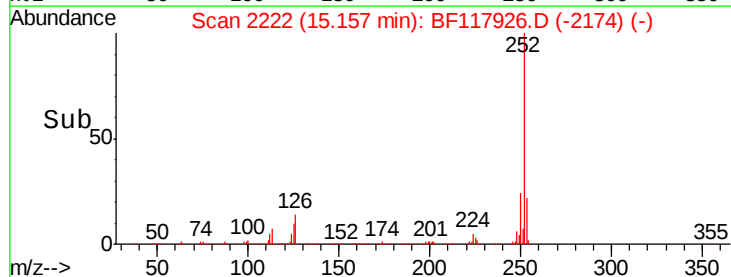
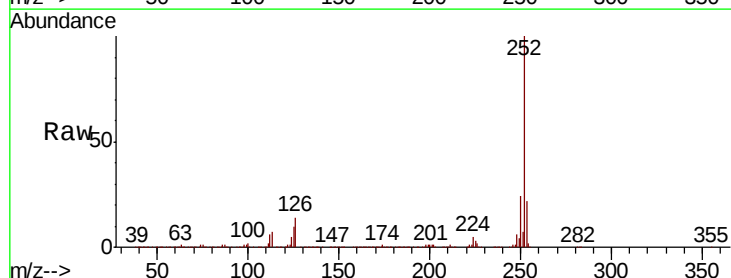
RT: 15.16 min Scan# 2222

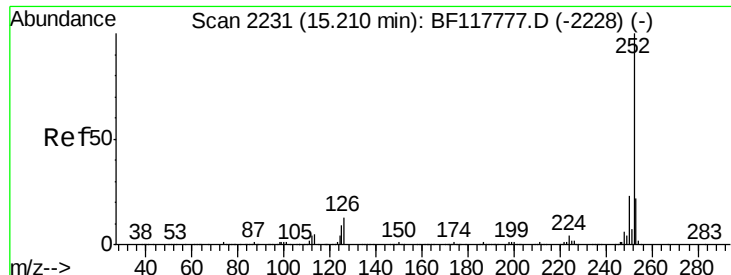
Delta R.T. -0.02 min

Lab File: BF117926.D

Acq: 22 Nov 2019 19:03

Tgt Ion:	252	Resp:	1552030
Ion Ratio	Lower	Upper	
252	100		
253	22.1	18.0	27.0
125	10.4	8.6	13.0





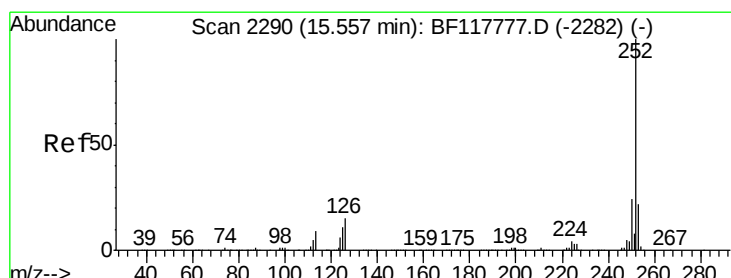
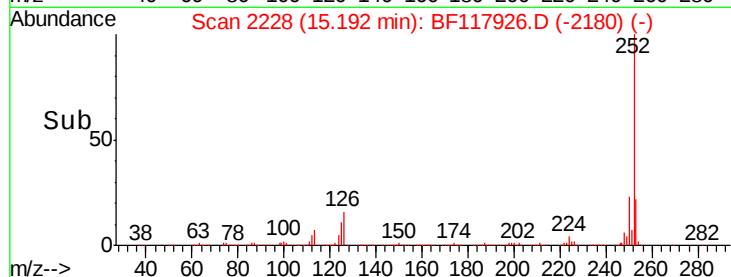
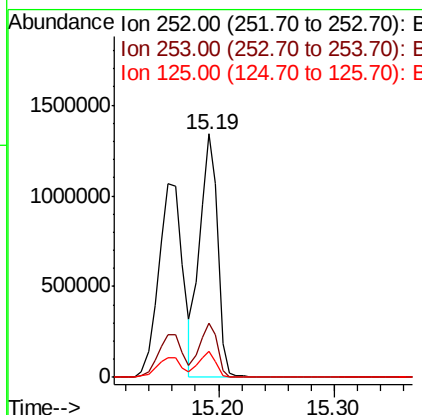
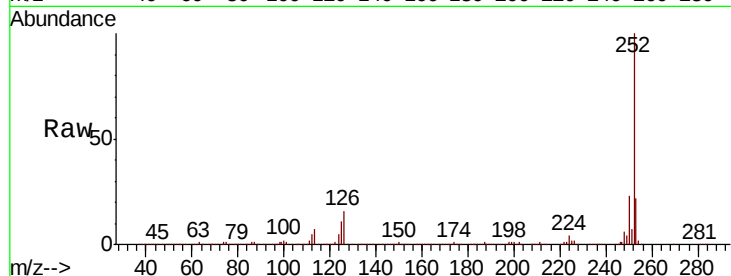
#89
Benzo(k)fluoranthene
Concen: 49.995 ng
RT: 15.19 min Scan# 2228
Delta R.T. -0.02 min
Lab File: BF117926.D
Acq: 22 Nov 2019 19:03

Instrument :
BNA_F
ClientSampleId :
PB125013BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.5	26.3
125	10.8	7.9	11.9

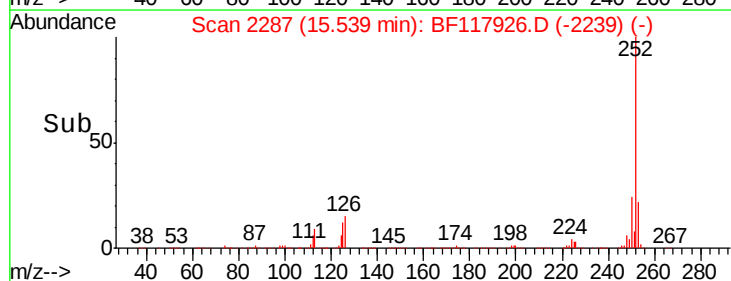
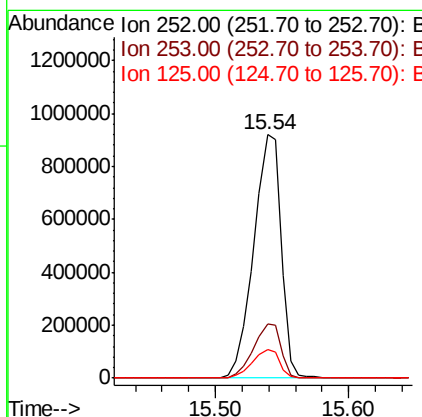
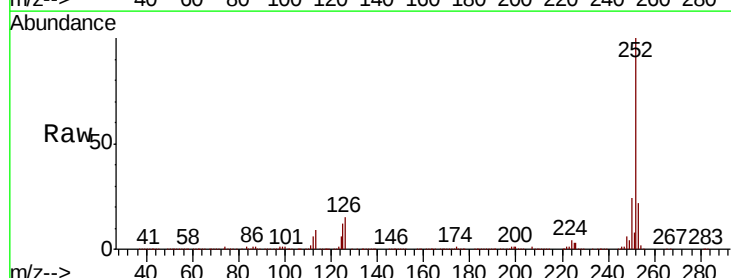
Manual Integrations
APPROVED

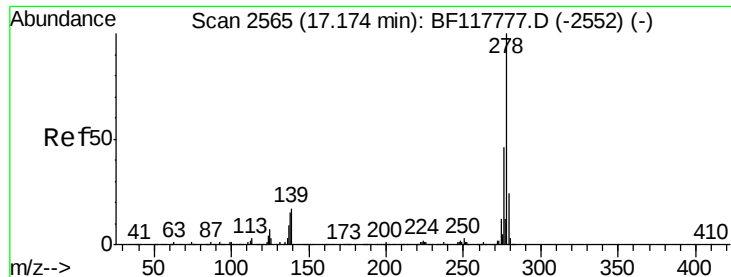
mohammad
11/25/2019 8:19:28 AM



#90
Benzo(a)pyrene
Concen: 47.706 ng
RT: 15.54 min Scan# 2287
Delta R.T. -0.02 min
Lab File: BF117926.D
Acq: 22 Nov 2019 19:03

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.8	26.6
125	11.7	9.2	13.8





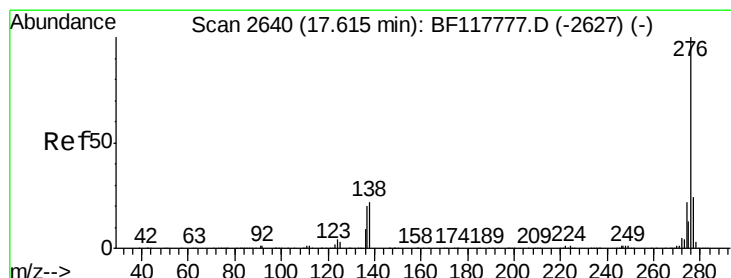
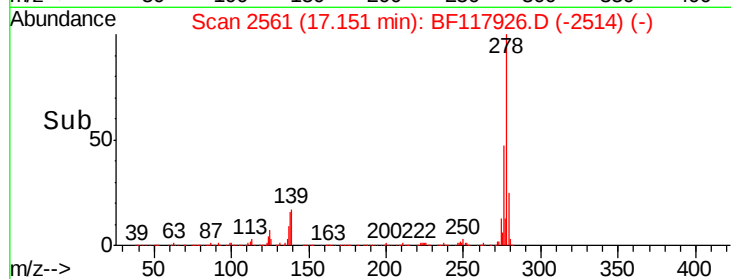
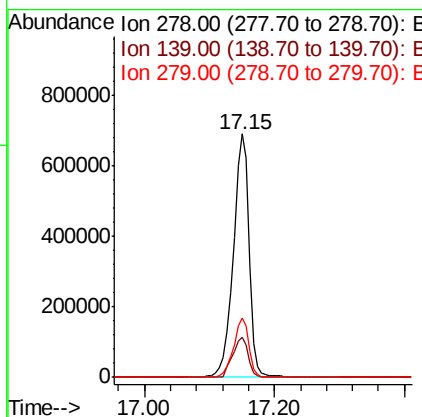
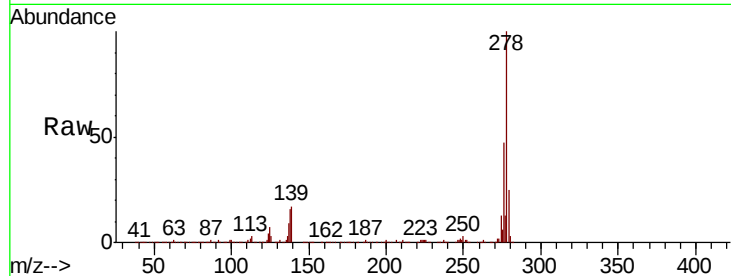
#91
Dibenzo(a,h)anthracene
Concen: 49.601 ng
RT: 17.15 min Scan# 2561
Delta R.T. -0.02 min
Lab File: BF117926.D
Acq: 22 Nov 2019 19:03

Instrument :
BNA_F
ClientSampleId :
PB125013BS

Tot Ion	Ratio	Lower	Upper
278	100		
139	16.5	13.8	20.8
279	24.5	19.6	29.4

Manual Integrations
APPROVED

mohammad
11/25/2019 8:19:28 AM



#92
Benzo(g,h,i)perylene
Concen: 50.256 ng
RT: 17.60 min Scan# 2637
Delta R.T. -0.02 min
Lab File: BF117926.D
Acq: 22 Nov 2019 19:03

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.7	18.9	28.3
138	22.7	17.4	26.2

