

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110819\
 Data File : BF117737.D
 Acq On : 8 Nov 2019 18:02
 Operator : JU
 Sample : PB124647BSD
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB124647BSD

Manual Integrations
 APPROVED

mohammad
 11/11/2019 8:06:09 AM

Quant Time: Nov 09 02:43:03 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF110619.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 06 17:27:10 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.93	152	349017	20.00	ng	-0.01
21) Naphthalene-d8	8.22	136	1391492	20.00	ng	-0.01
39) Acenaphthene-d10	9.98	164	768461	20.00	ng	0.00
64) Phenanthrene-d10	11.47	188	1459859	20.00	ng	0.00
76) Chrysene-d12	14.12	240	898629	20.00	ng	0.00
87) Perylene-d12	15.63	264	860367	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.55	112	1432051	74.27	ng	0.00
7) Phenol-d6	6.55	99	1176598	49.49	ng	-0.01
23) Nitrobenzene-d5	7.50	82	2029145	86.09	ng	0.00
42) 2,4,6-Tribromophenol	10.77	330	1010278	134.39	ng	0.00
45) 2-Fluorobiphenyl	9.30	172	3555467	91.29	ng	0.00
79) Terphenyl-d14	13.06	244	4022245	92.14	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.77	88	207808	21.631	ng	98
3) Pyridine	3.53	79	536921	20.318	ng	99
4) n-Nitrosodimethylamine	3.47	42	268254	23.035	ng	97
6) Aniline	6.59	93	1073498	32.174	ng	99
8) 2-Chlorophenol	6.72	128	934084	43.549	ng	99
9) Benzaldehyde	6.47	77	660559	39.932	ng	97
10) Phenol	6.56	94	440349	17.189	ng	100
11) bis(2-Chloroethyl)ether	6.66	93	947364	44.784	ng	97
12) 1,3-Dichlorobenzene	6.87	146	1026065	41.269	ng	97
13) 1,4-Dichlorobenzene	6.95	146	1060224	42.599	ng	98
14) 1,2-Dichlorobenzene	7.10	146	993585	43.358	ng	98
15) Benzyl Alcohol	7.06	79	675002	35.609	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.20	45	1430298	42.763	ng	99
17) 2-Methylphenol	7.17	107	688621	37.381	ng	99
18) Hexachloroethane	7.45	117	381557	41.475	ng	92
19) n-Nitroso-di-n-propylamine	7.35	70	708309	45.311	ng	96
20) 3+4-Methylphenols	7.33	107	737197	33.607	ng	# 88
22) Acetophenone	7.34	105	1371757	43.133	ng	# 98
24) Nitrobenzene	7.52	77	1098541	44.636	ng	97
25) Isophorone	7.75	82	2011995	44.633	ng	98
26) 2-Nitrophenol	7.83	139	574879	50.314	ng	99
27) 2,4-Dimethylphenol	7.86	122	927652	48.150	ng	98
28) bis(2-Chloroethoxy)methane	7.96	93	1246742	43.085	ng	99
29) 2,4-Dichlorophenol	8.07	162	903854	45.537	ng	99
30) 1,2,4-Trichlorobenzene	8.16	180	931996	41.017	ng	99
31) Naphthalene	8.24	128	2825679	44.427	ng	100
32) Benzoic acid	7.93	122	186893m	12.255	ng	
33) 4-Chloroaniline	8.28	127	637645	21.576	ng	98
34) Hexachlorobutadiene	8.36	225	511755	39.329	ng	99
35) Caprolactam	8.65	113	71491m	10.867	ng	
36) 4-Chloro-3-methylphenol	8.76	107	905256	45.197	ng	98
37) 2-Methylnaphthalene	8.93	142	1985182	45.848	ng	100
38) 1-Methylnaphthalene	9.03	142	1882172	45.774	ng	99
40) 1,2,4,5-Tetrachlorobenzene	9.10	216	867766	41.277	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.09	237	842980	74.326	ng	98
43) 2,4,6-Trichlorophenol	9.21	196	694235	45.341	ng	100
44) 2,4,5-Trichlorophenol	9.25	196	734460	47.323	ng	95
46) 1,1'-Biphenyl	9.40	154	2366181	43.965	ng	99
47) 2-Chloronaphthalene	9.43	162	1893605	42.398	ng	99
48) 2-Nitroaniline	9.52	65	615810	43.998	ng	99
49) Acenaphthylene	9.85	152	2966819	45.613	ng	99
50) Dimethylphthalate	9.70	163	2334691	44.941	ng	99
51) 2,6-Dinitrotoluene	9.76	165	559193	48.070	ng	# 85
52) Acenaphthene	10.02	154	1908640	45.475	ng	99
53) 3-Nitroaniline	9.93	138	312159	22.242	ng	91
54) 2,4-Dinitrophenol	10.03	184	311401	78.082	ng	# 75
55) Dibenzofuran	10.19	168	2666330	45.400	ng	99
56) 4-Nitrophenol	10.07	139	374811	35.511	ng	98
57) 2,4-Dinitrotoluene	10.16	165	735711	49.302	ng	92
58) Fluorene	10.53	166	1960005	45.281	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.30	232	615161	47.681	ng	99
60) Diethylphthalate	10.40	149	2303583	45.088	ng	98
61) 4-Chlorophenyl-phenylether	10.52	204	1001924	44.466	ng	99
62) 4-Nitroaniline	10.54	138	536141	38.813	ng	96
63) Azobenzene	10.69	77	2181037	45.072	ng	95
65) 4,6-Dinitro-2-methylphenol	10.57	198	247800	42.509	ng	84
66) n-Nitrosodiphenylamine	10.64	169	1895123	43.953	ng	100
67) 4-Bromophenyl-phenylether	11.02	248	687839	43.143	ng	96
68) Hexachlorobenzene	11.08	284	782068	42.462	ng	98
69) Atrazine	11.17	200	704246	49.566	ng	98
70) Pentachlorophenol	11.27	266	763716	74.176	ng	99
71) Phenanthrene	11.50	178	3034123	43.361	ng	99
72) Anthracene	11.55	178	3120602	44.826	ng	98
73) Carbazole	11.70	167	2854968	44.861	ng	99
74) Di-n-butylphthalate	12.03	149	3421257	44.211	ng	98
75) Fluoranthene	12.69	202	3105613	43.466	ng	98
77) Benzidine	12.80	184	783695	25.084	ng	97
78) Pyrene	12.92	202	3168899	48.307	ng	98
80) Butylbenzylphthalate	13.54	149	1538876	50.788	ng	92
81) Benzo(a)anthracene	14.11	228	2459921	43.977	ng	99
82) 3,3'-Dichlorobenzidine	14.07	252	736922	35.275	ng	97
83) Chrysene	14.15	228	2434021	44.063	ng	99
84) Bis(2-ethylhexyl)phthalate	14.10	149	2046408	52.357	ng	98
85) Di-n-octyl phthalate	14.72	149	3302176	53.689	ng	100
86) Indeno(1,2,3-cd)pyrene	17.16	276	2507241	48.766	ng	100
88) Benzo(b)fluoranthene	15.18	252	2380501	43.931	ng	99
89) Benzo(k)fluoranthene	15.22	252	2105141	43.558	ng	99
90) Benzo(a)pyrene	15.56	252	2001696	42.613	ng	98
91) Dibenzo(a,h)anthracene	17.19	278	2104578	49.956	ng	99
92) Benzo(g,h,i)perylene	17.63	276	2075983	50.847	ng	99

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

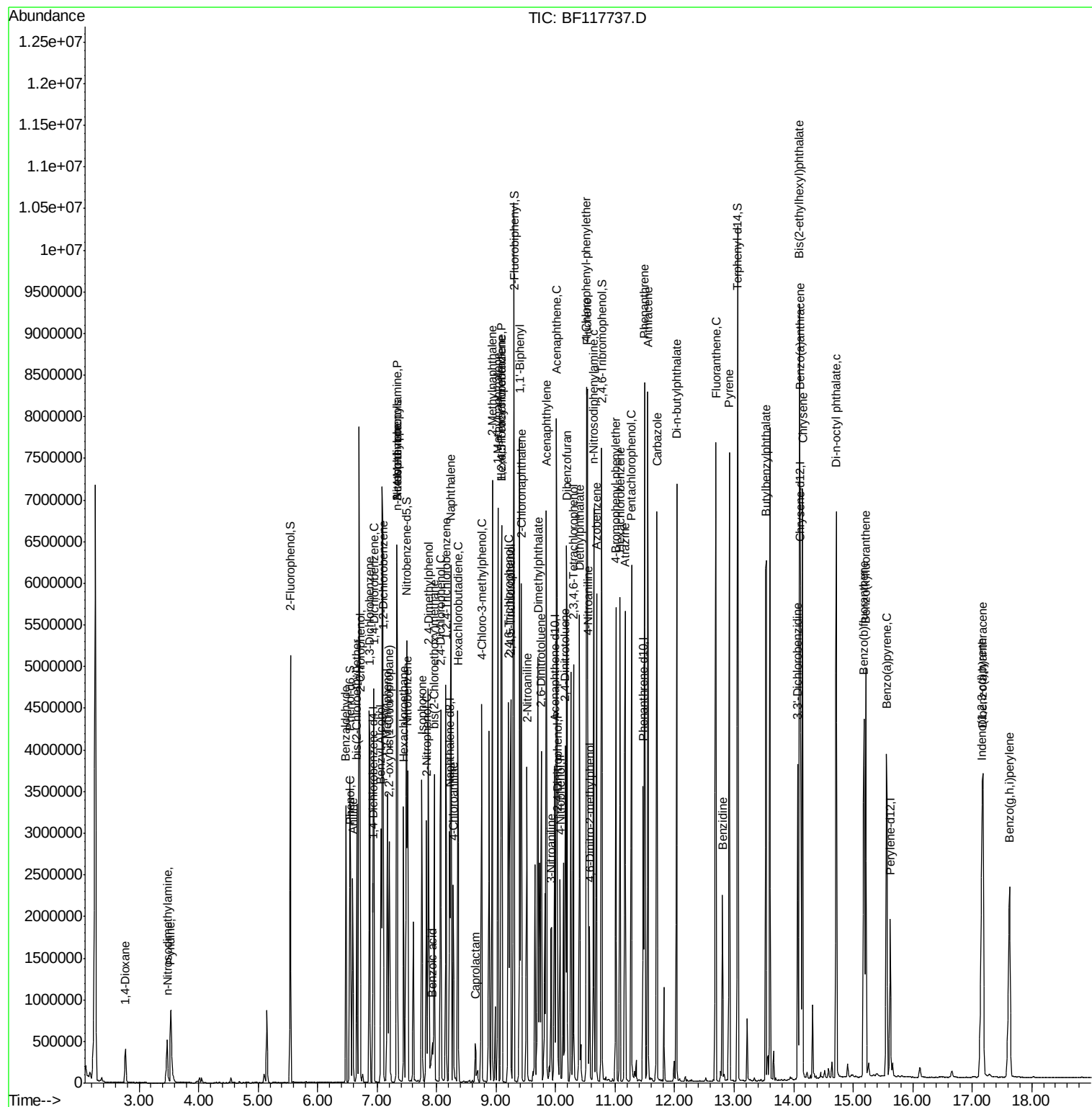
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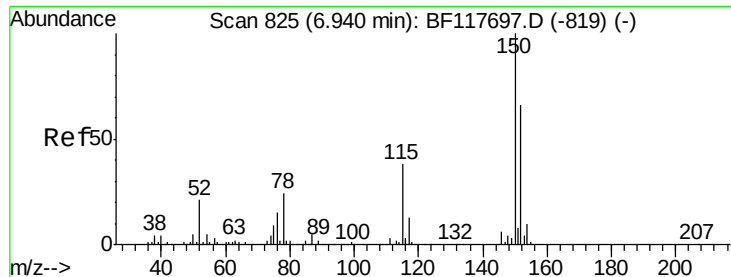
Instrument :
BNA_F
ClientSampleId :
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#1

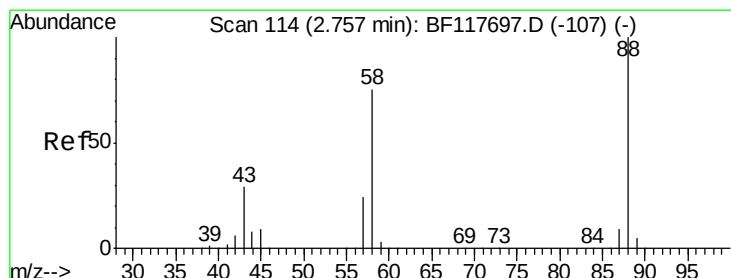
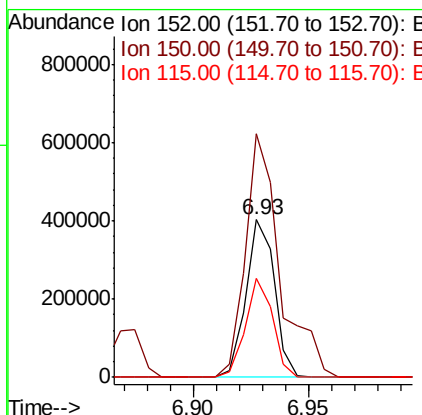
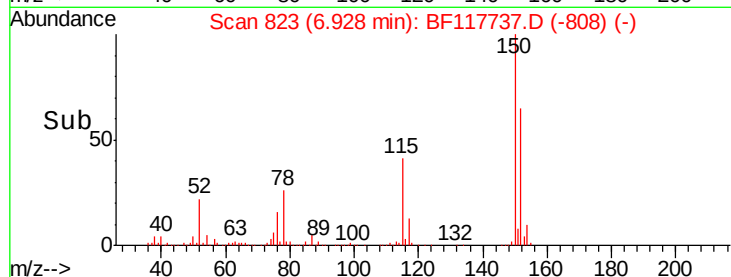
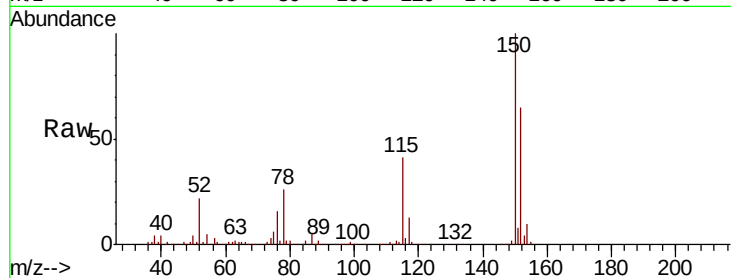
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.93 min Scan# 823
Delta R.T. -0.01 min
Lab File: BF117737.D
Acq: 8 Nov 2019 18:02

Instrument :
BNA_F
ClientSampleId :
PB124647BSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.8	121.4	182.2
115	62.7	46.7	70.1

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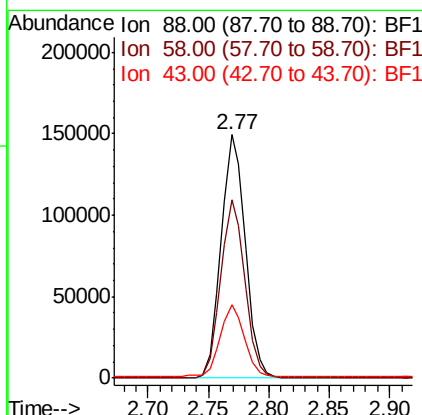
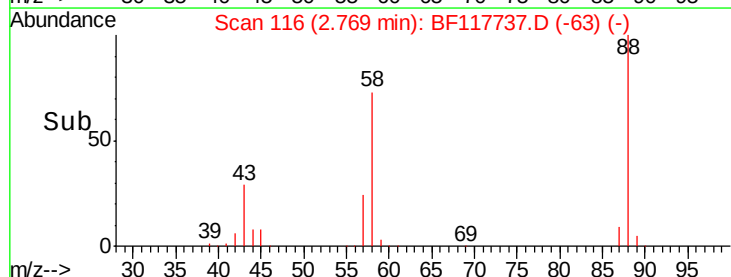
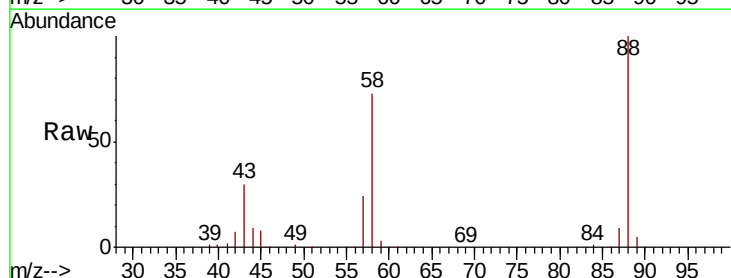
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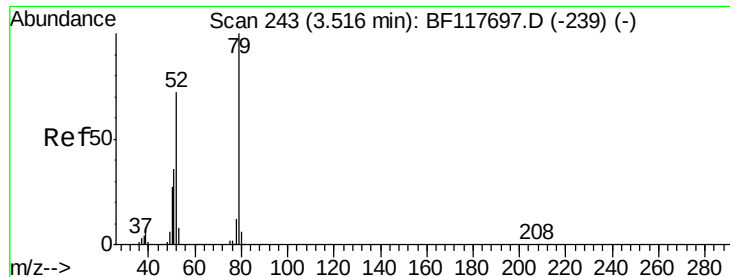


#2

1,4-Dioxane
Concen: 21.631 ng
RT: 2.77 min Scan# 116
Delta R.T. 0.01 min
Lab File: BF117737.D
Acq: 8 Nov 2019 18:02

Tgt Ion	Ratio	Lower	Upper
88	100		
58	73.3	60.1	90.1
43	29.0	24.0	36.0





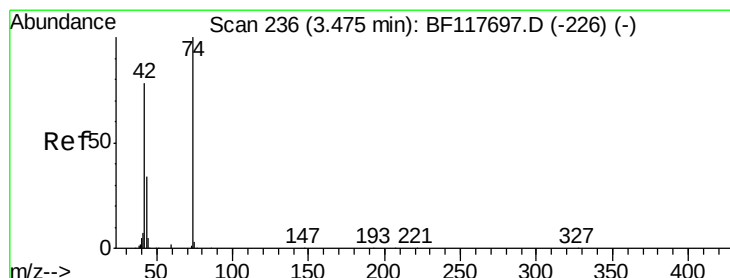
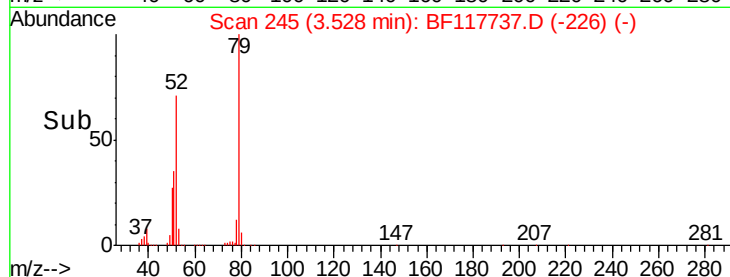
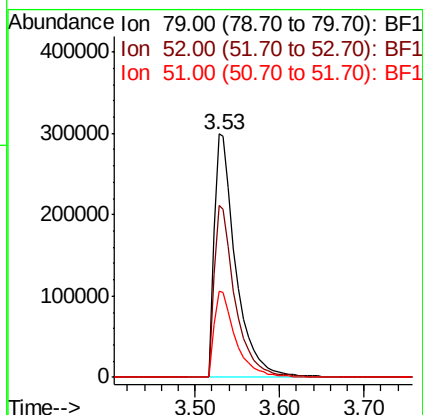
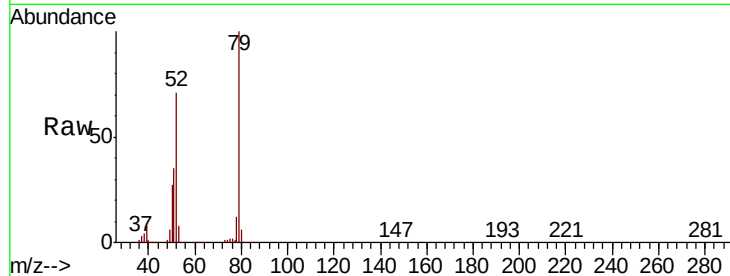
#3
 Pvridine
 Concen: 20.318 ng
 RT: 3.53 min Scan# 245
 Delta R.T. 0.01 min
 Lab File: BF117737.D
 Acq: 8 Nov 2019 18:02

Instrument :
 BNA_F
 ClientSampleId :
 PB124647BSD

Tot Ion	Ratio	Lower	Upper
79	100		
52	70.6	57.2	85.8
51	35.3	28.6	42.8

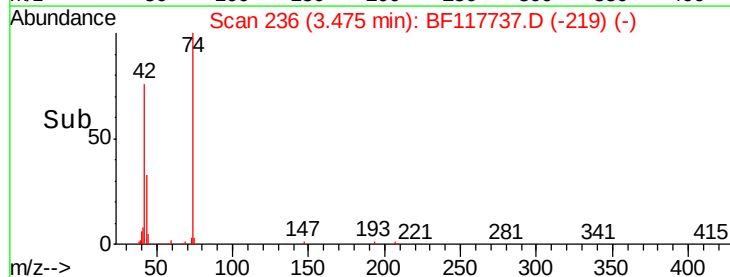
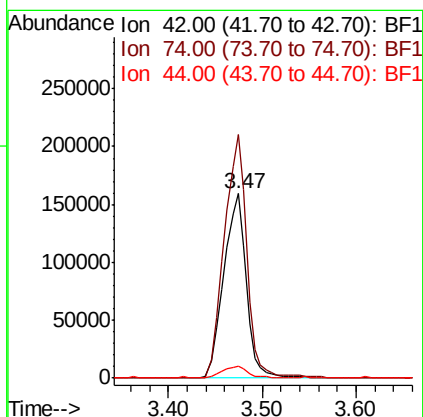
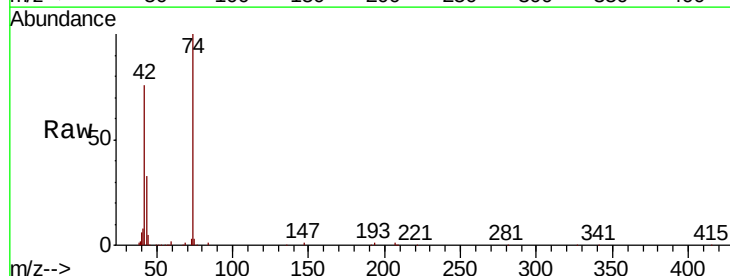
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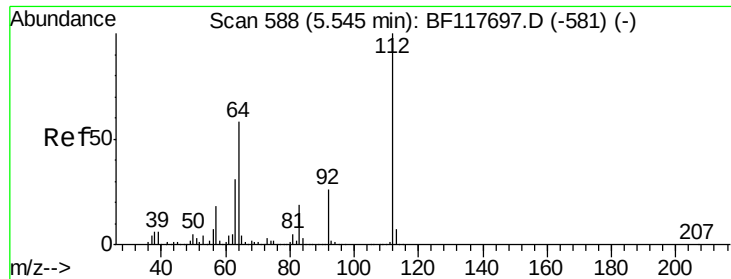
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#4
 n-Nitrosodimethylamine
 Concen: 23.035 ng
 RT: 3.47 min Scan# 236
 Delta R.T. -0.00 min
 Lab File: BF117737.D
 Acq: 8 Nov 2019 18:02

Tgt Ion	Ratio	Lower	Upper
42	100		
74	132.1	103.1	154.7
44	6.6	5.0	7.6





#5

2-Fluorophenol

Concen: 74.272 ng

RT: 5.55 min Scan# 588

Delta R.T. -0.00 min

Lab File: BF117737.D

Acq: 8 Nov 2019 18:02

Instrument :

BNA_F

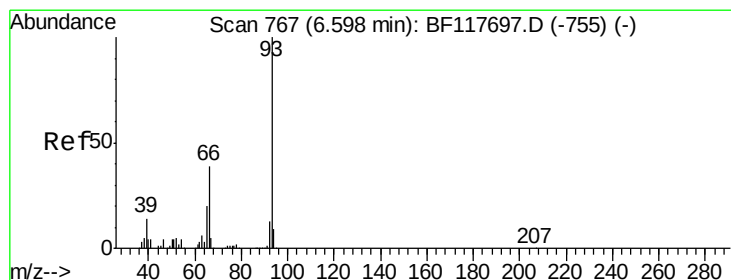
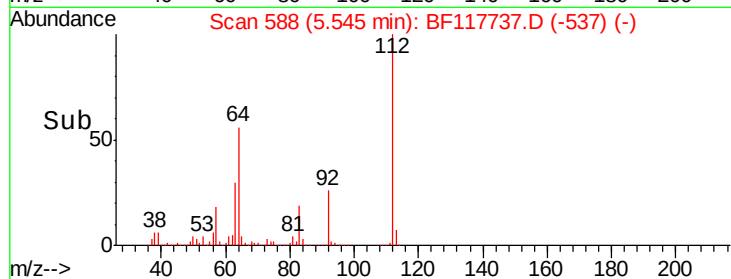
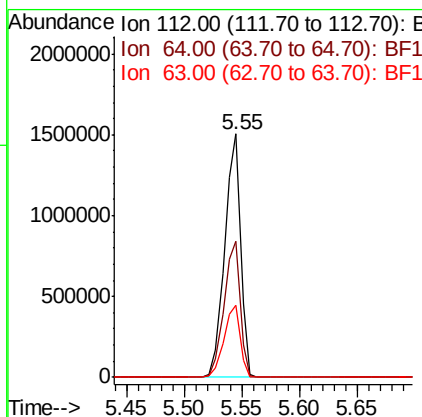
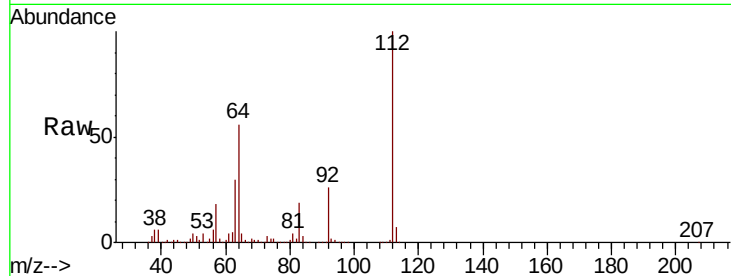
ClientSampleId :

PB124647BSD

Tot Ion:	112	Resp:	1432051
Ion	Ratio	Lower	Upper
112	100		
64	55.8	46.4	69.6
63	29.7	24.6	37.0

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#6

Aniline

Concen: 32.174 ng

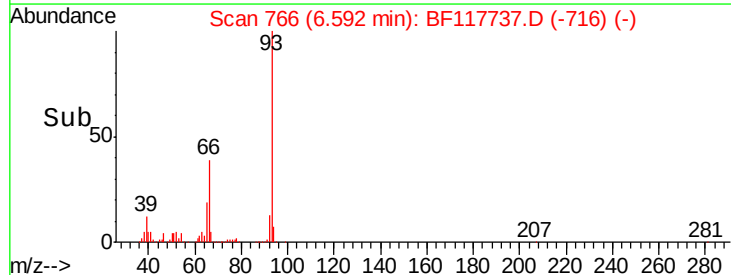
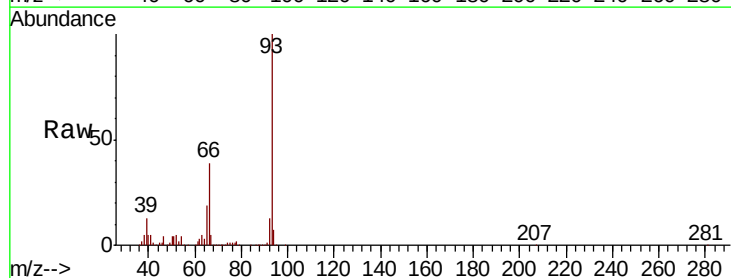
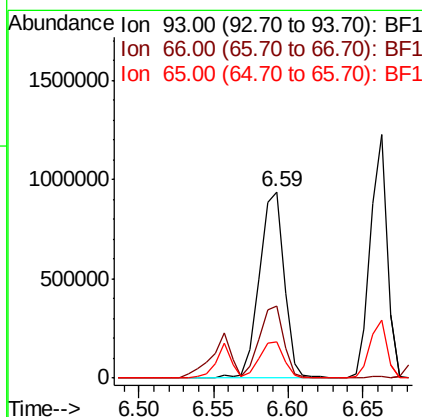
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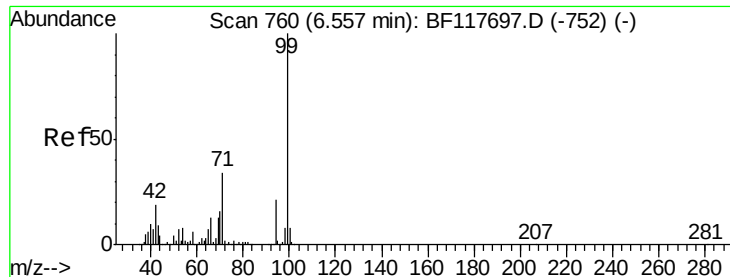
Delta R.T. -0.01 min

Lab File: BF117737.D

Acq: 8 Nov 2019 18:02

Tgt Ion:	93	Resp:	1073498
Ion	Ratio	Lower	Upper
93	100		
66	38.8	31.7	47.5
65	19.3	15.8	23.8





#7

Phenol-d6

Concen: 49.491 ng

RT: 6.55 min Scan# 758

Delta R.T. -0.01 min

Lab File: BF117737.D

Acq: 8 Nov 2019 18:02

Instrument :

BNA_F

ClientSampleId :

PB124647BSD

Tot Ion: 99 Resp: 1176598

Ion Ratio Lower Upper

99 100

42 18.4 15.3 22.9

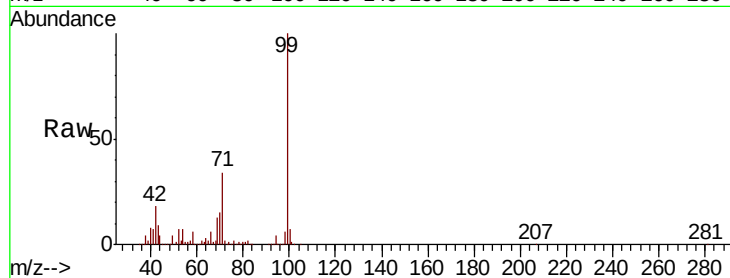
71 33.9 26.8 40.2

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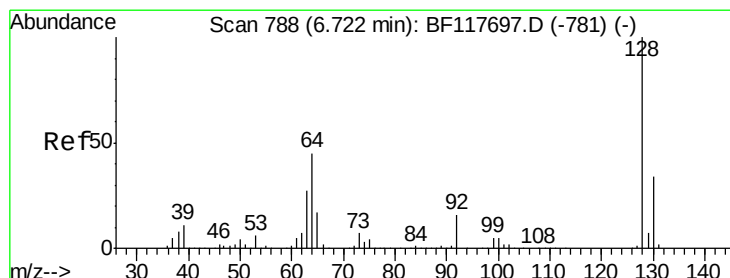
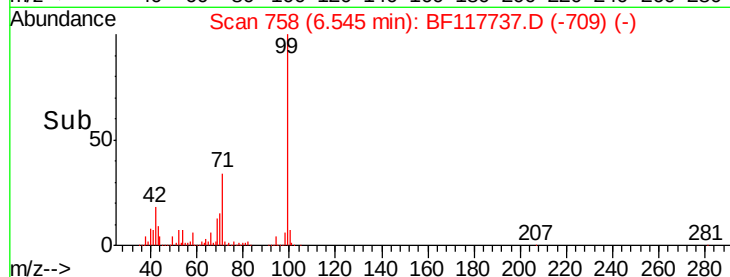
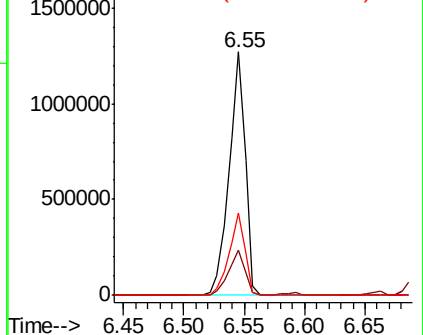
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Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 43.549 ng

RT: 6.72 min Scan# 787

Delta R.T. -0.01 min

Lab File: BF117737.D

Acq: 8 Nov 2019 18:02

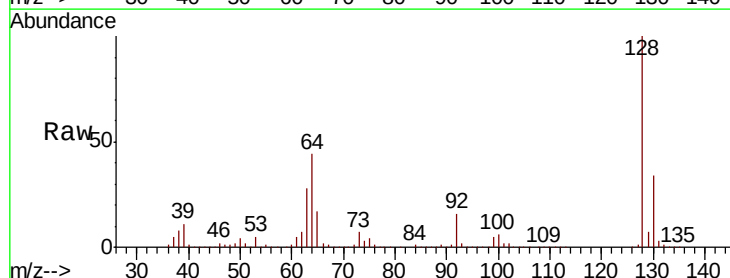
Tgt Ion: 128 Resp: 934084

Ion Ratio Lower Upper

128 100

130 33.8 13.6 53.6

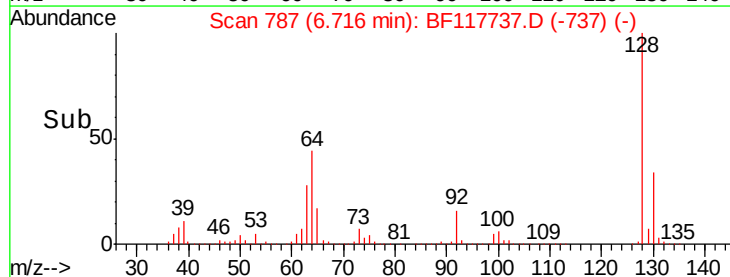
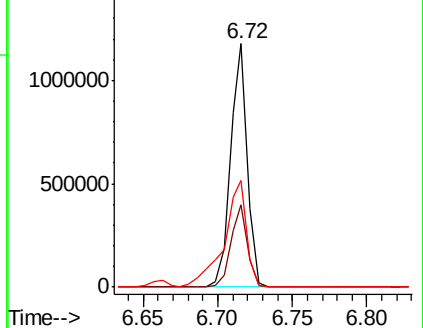
64 44.0 25.2 65.2

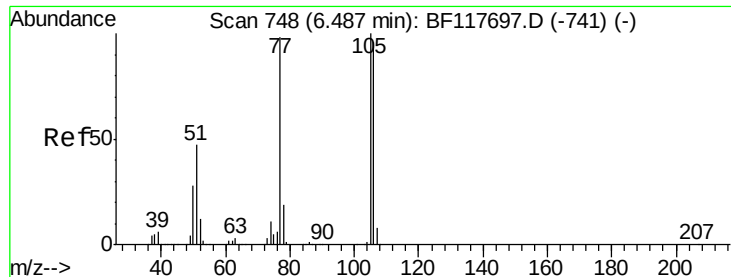


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 39.932 ng

RT: 6.47 min Scan# 746

Delta R.T. -0.01 min

Lab File: BF117737.D

Acq: 8 Nov 2019 18:02

Instrument :

BNA_F

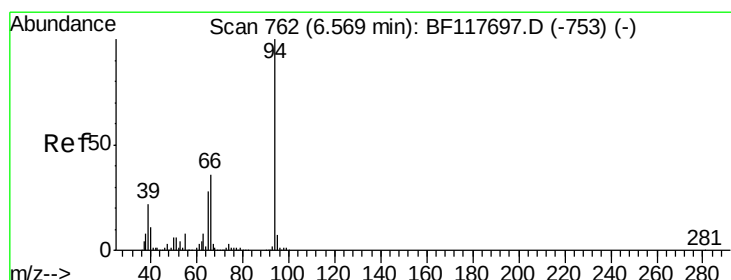
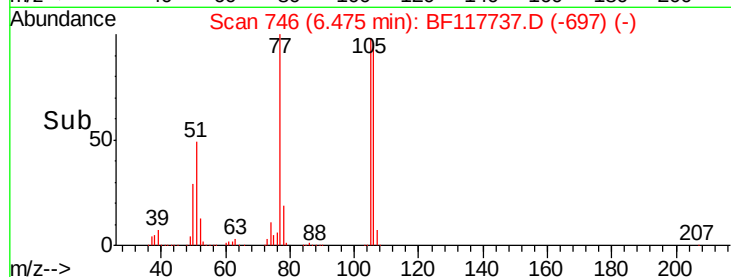
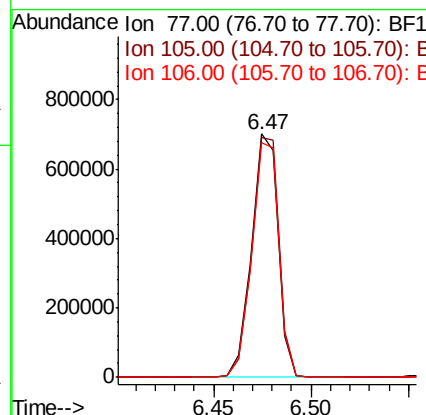
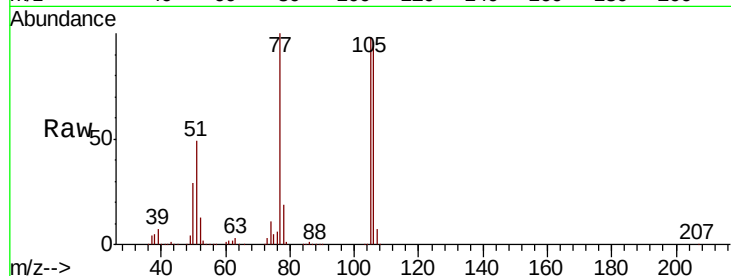
ClientSampleId :

PB124647BSD

Tot Ion:	77	Resp:	660559
Ion	Ratio	Lower	Upper
77	100		
105	98.3	82.3	122.3
106	96.3	78.0	118.0

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#10

Phenol

Concen: 17.189 ng

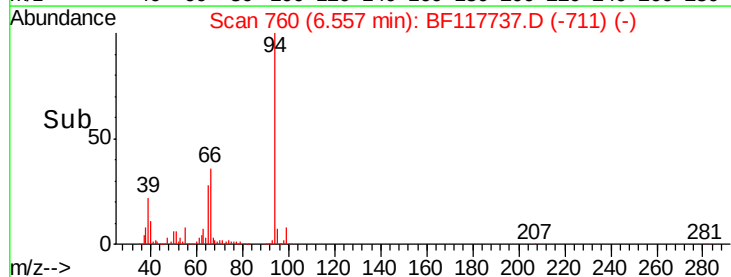
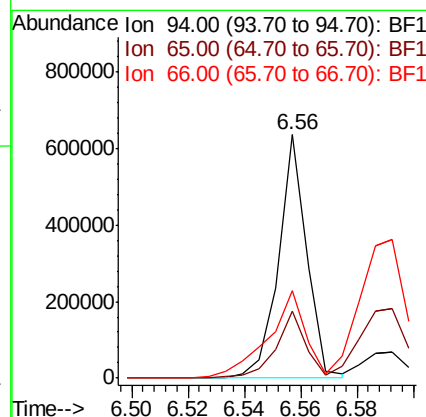
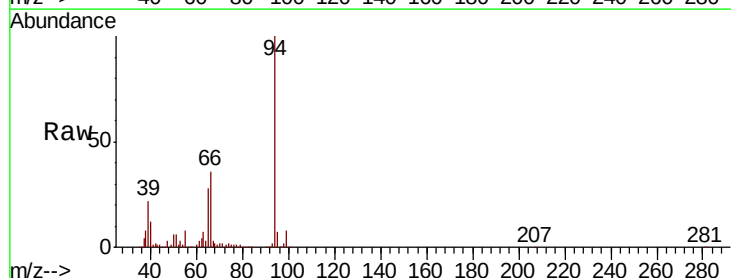
RT: 6.56 min Scan# 760

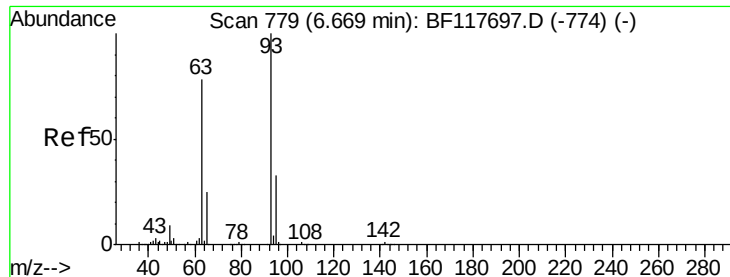
Delta R.T. -0.01 min

Lab File: BF117737.D

Acq: 8 Nov 2019 18:02

Tgt Ion:	94	Resp:	440349
Ion	Ratio	Lower	Upper
94	100		
65	27.8	7.6	47.6
66	35.9	16.1	56.1





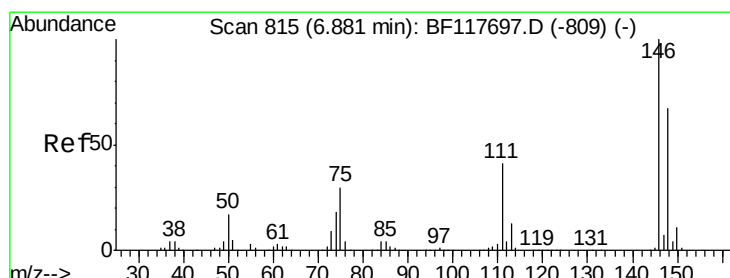
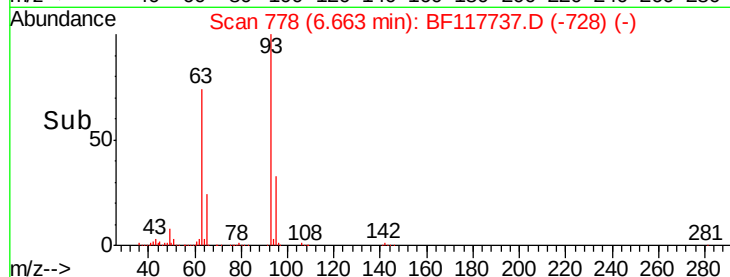
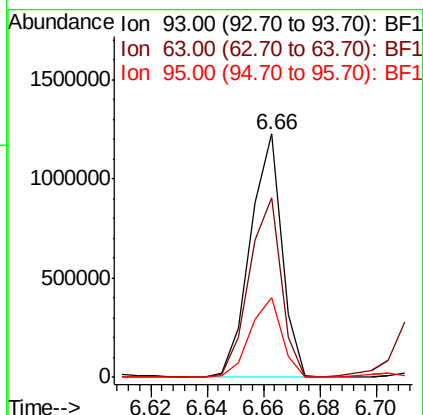
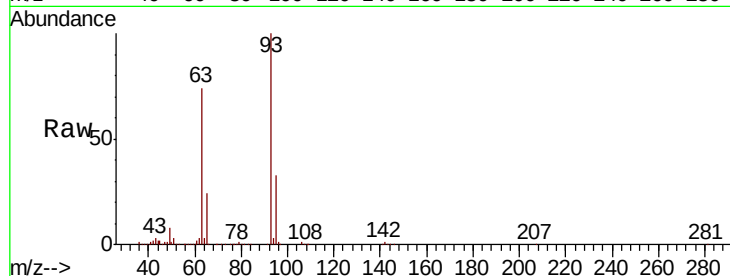
#11
bis(2-Chloroethyl)ether
Concen: 44.784 ng
RT: 6.66 min Scan# 778
Delta R.T. -0.01 min
Lab File: BF117737.D
Acq: 8 Nov 2019 18:02

Instrument :
BNA_F
ClientSampleId :
PB124647BSD

Tot Ion	Ratio	Lower	Upper
93	100		
63	74.0	57.6	97.6
95	33.0	12.7	52.7

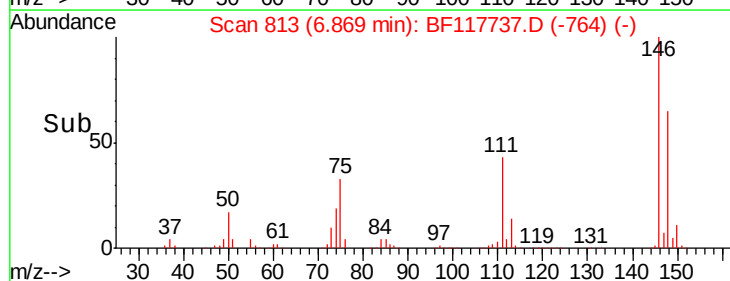
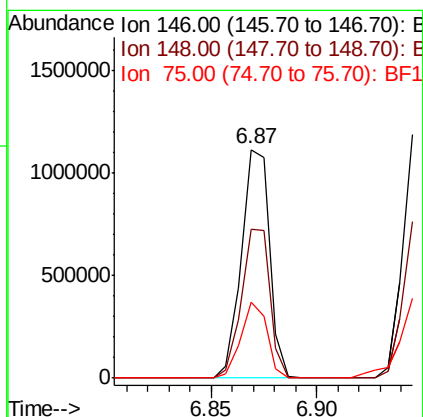
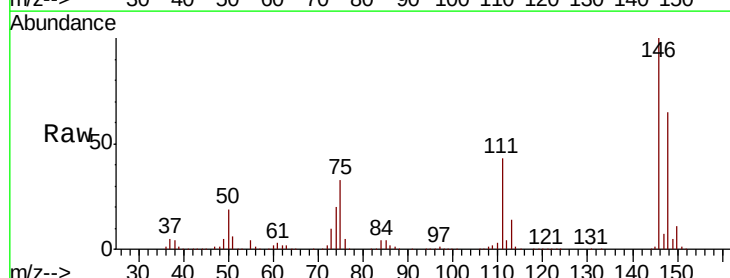
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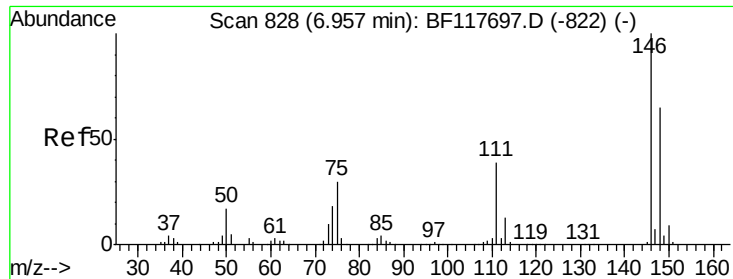
mohammad
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#12
1,3-Dichlorobenzene
Concen: 41.269 ng
RT: 6.87 min Scan# 813
Delta R.T. -0.01 min
Lab File: BF117737.D
Acq: 8 Nov 2019 18:02

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.3	53.4	80.2
75	33.1	24.0	36.0





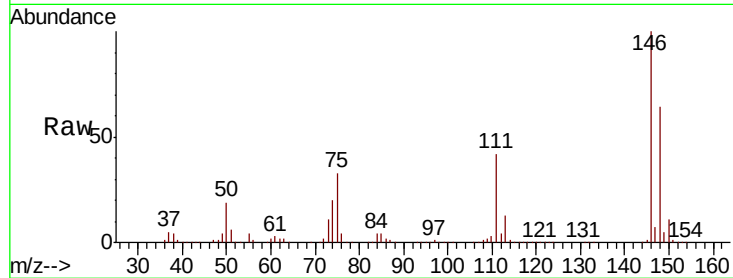
#13
1,4-Dichlorobenzene
Concen: 42.599 ng
RT: 6.95 min Scan# 826
Delta R.T. -0.01 min
Lab File: BF117737.D
Acq: 8 Nov 2019 18:02

Instrument :
BNA_F
ClientSampleId :
PB124647BSD

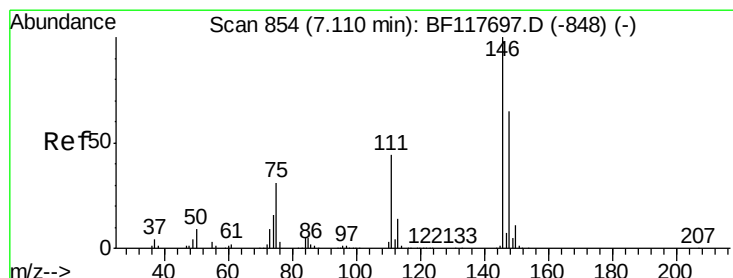
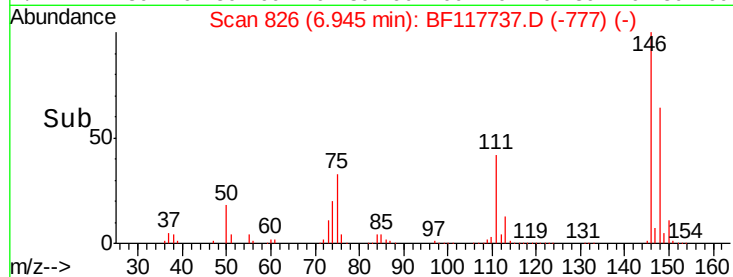
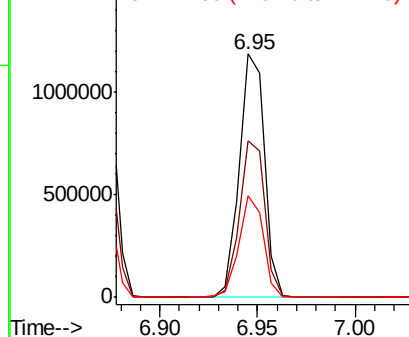
Tot Ion:146 Resp: 1060224
Ion Ratio Lower Upper
146 100
148 64.4 51.9 77.9
111 41.7 31.6 47.4

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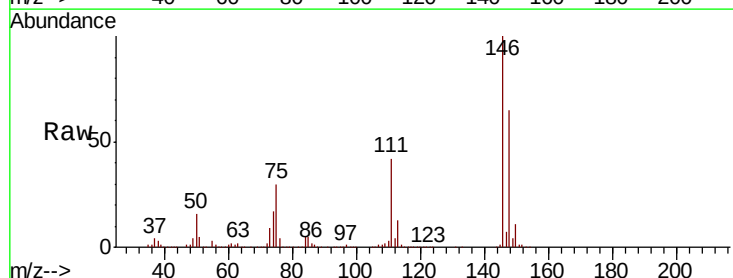


Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E

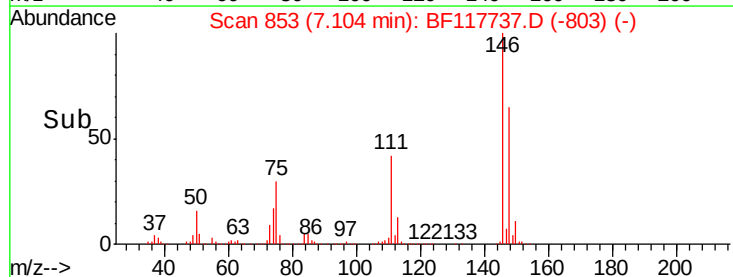
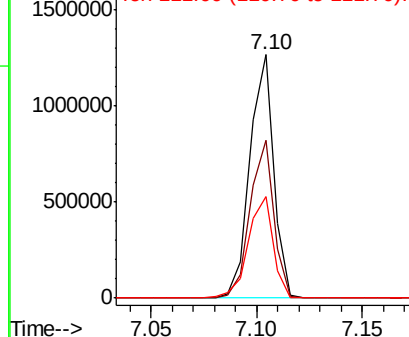


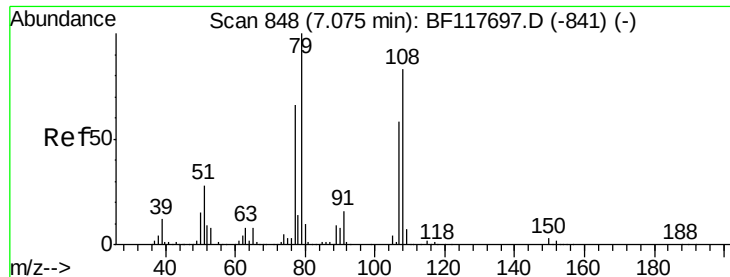
#14
1,2-Dichlorobenzene
Concen: 43.358 ng
RT: 7.10 min Scan# 853
Delta R.T. -0.01 min
Lab File: BF117737.D
Acq: 8 Nov 2019 18:02

Tgt Ion:146 Resp: 993585
Ion Ratio Lower Upper
146 100
148 64.8 52.1 78.1
111 41.7 35.1 52.7



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E





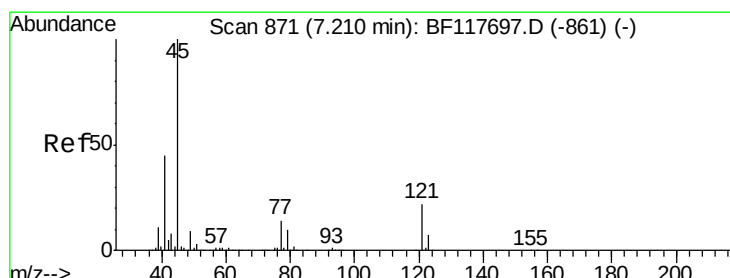
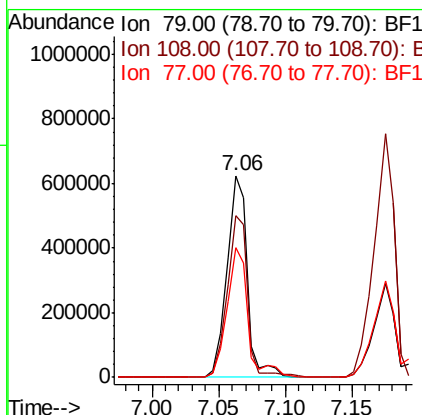
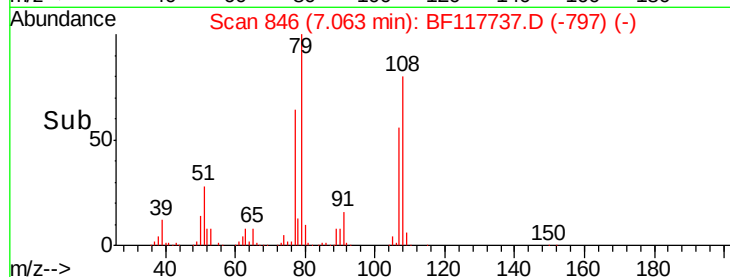
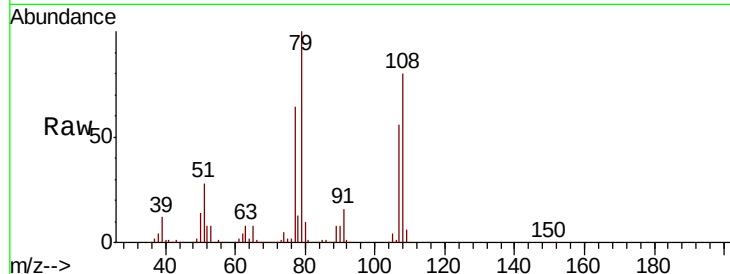
#15
Benzyl Alcohol
Concen: 35.609 ng
RT: 7.06 min Scan# 846
Delta R.T. -0.01 min
Lab File: BF117737.D
Acq: 8 Nov 2019 18:02

Instrument :
BNA_F
ClientSampleId :
PB124647BSD

Tot Ion	Ratio	Lower	Upper
79	100		
108	80.4	66.5	99.7
77	64.2	52.9	79.3

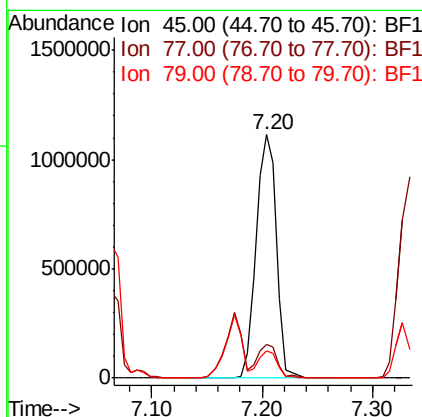
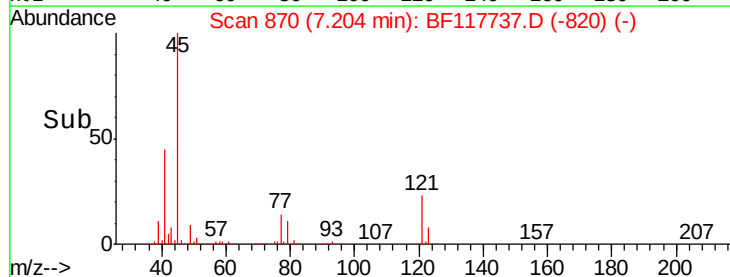
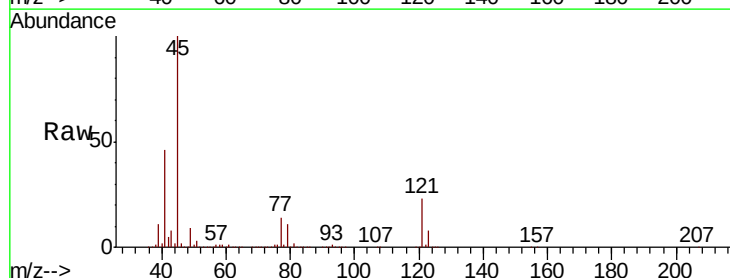
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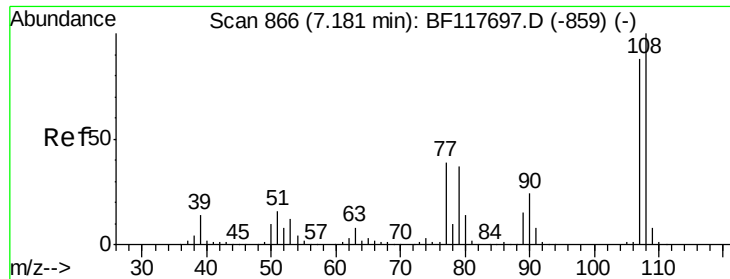
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#16
2,2'-oxybis(1-chloropropane)
Concen: 42.763 ng
RT: 7.20 min Scan# 870
Delta R.T. -0.01 min
Lab File: BF117737.D
Acq: 8 Nov 2019 18:02

Tgt Ion	Ratio	Lower	Upper
45	100		
77	14.1	0.0	33.8
79	11.0	0.0	30.5





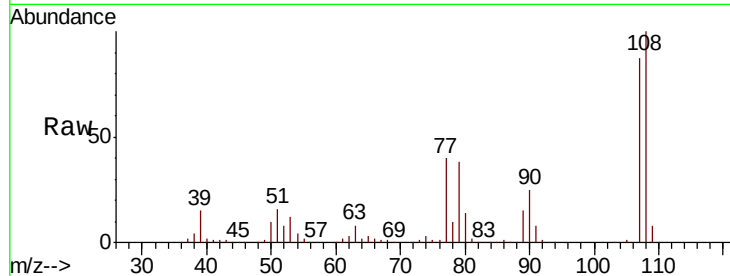
#17
2-Methylphenol
Concen: 37.381 ng
RT: 7.17 min Scan# 865
Delta R.T. -0.01 min
Lab File: BF117737.D
Acq: 8 Nov 2019 18:02

Instrument :
BNA_F
ClientSampleId :
PB124647BSD

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	114.8	91.1	136.7	
77	45.4	35.8	53.8	
79	44.0	34.1	51.1	

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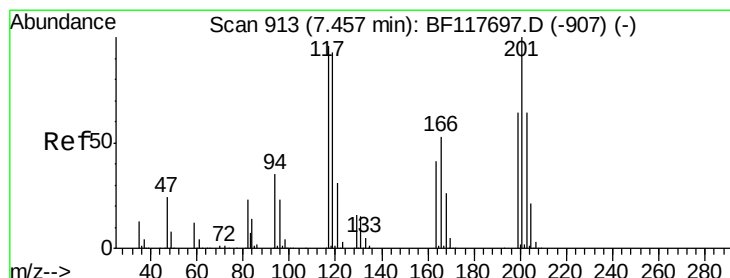
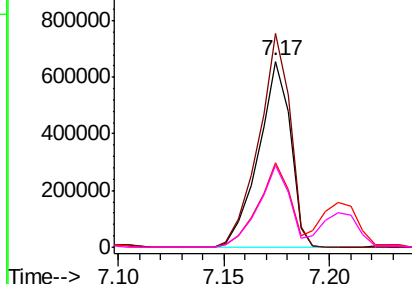
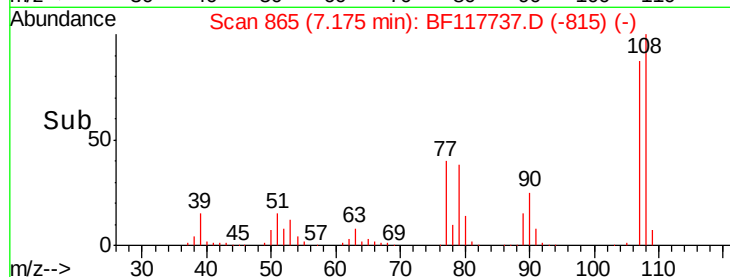
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

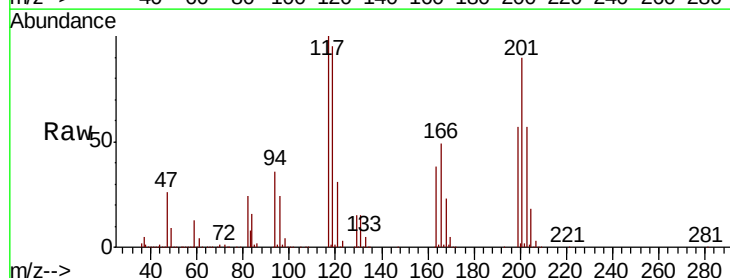
Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18
Hexachloroethane
Concen: 41.475 ng
RT: 7.45 min Scan# 911
Delta R.T. -0.01 min
Lab File: BF117737.D
Acq: 8 Nov 2019 18:02

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	95.1	77.7	116.5	
201	89.6	83.2	124.8	

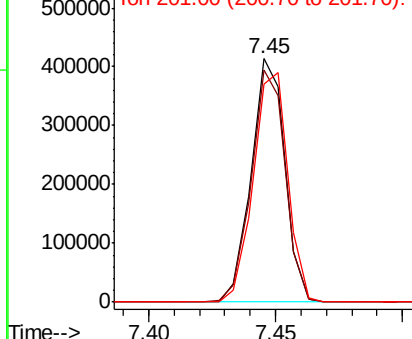
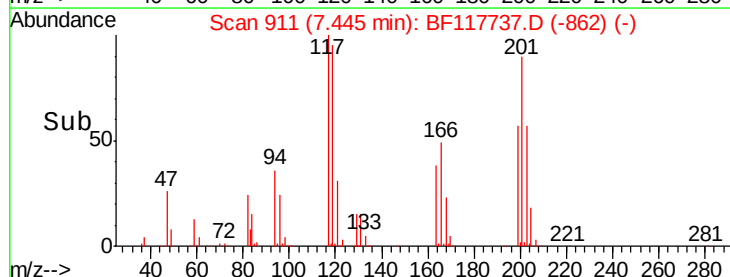


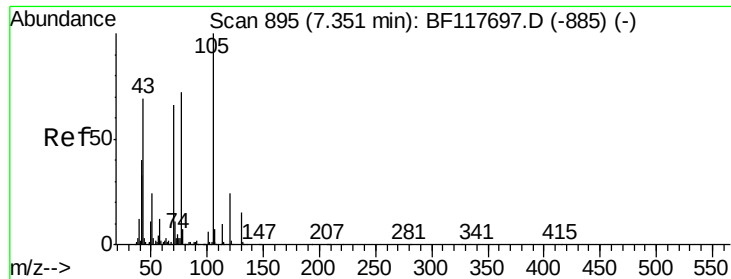
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





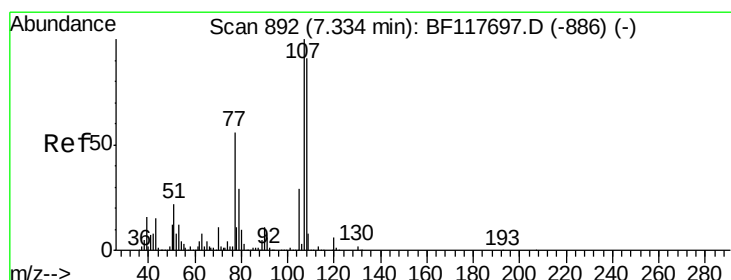
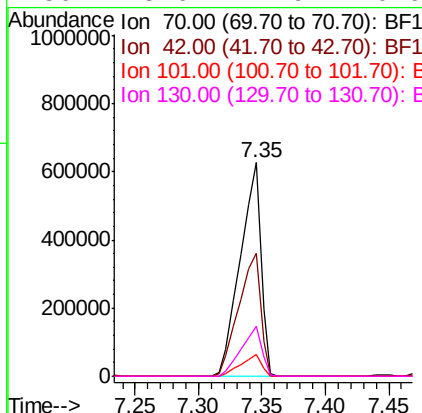
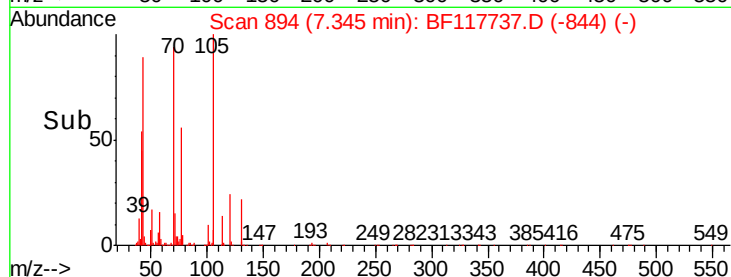
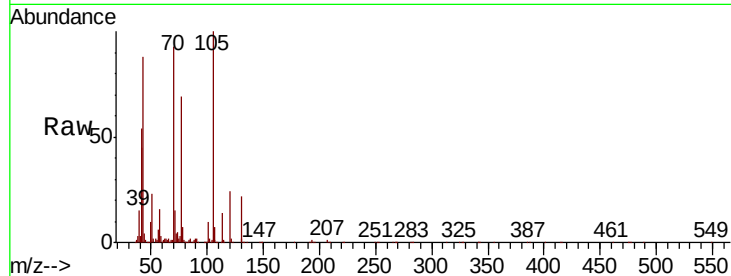
#19
n-Nitroso-di-n-propylamine
Concen: 45.311 ng
RT: 7.35 min Scan# 894
Delta R.T. -0.01 min
Lab File: BF117737.D
Acq: 8 Nov 2019 18:02

Instrument :
BNA_F
ClientSampleId :
PB124647BSD

Tot Ion	Ratio	Lower	Upper
70	100		
42	57.8	49.1	73.7
101	10.2	7.8	11.8
130	23.6	17.9	26.9

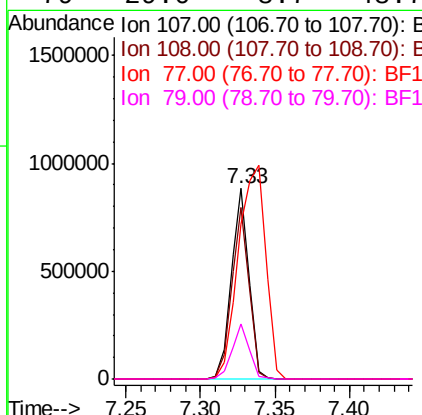
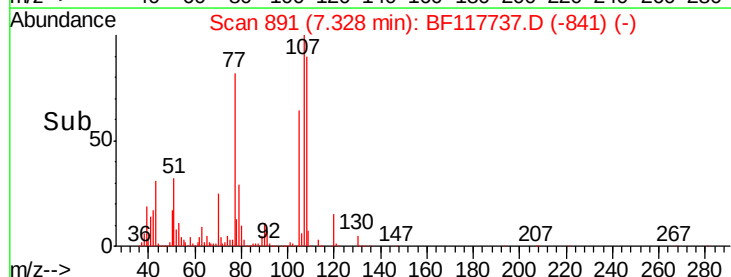
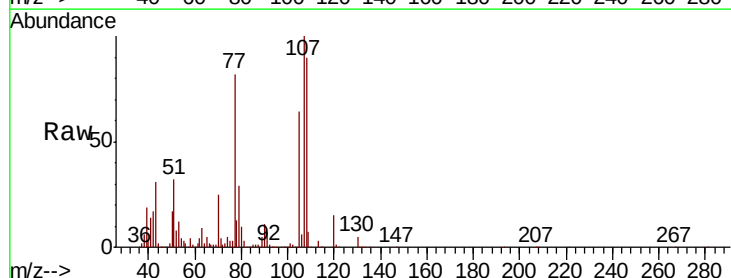
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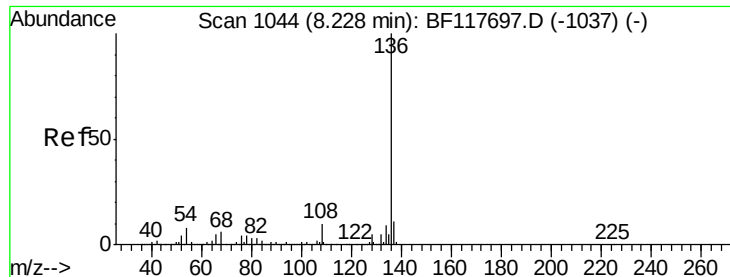
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#20
3+4-Methylphenols
Concen: 33.607 ng
RT: 7.33 min Scan# 891
Delta R.T. -0.01 min
Lab File: BF117737.D
Acq: 8 Nov 2019 18:02

Tgt Ion	Ratio	Lower	Upper
107	100		
108	90.3	70.5	110.5
77	81.7	35.6	75.6
79	29.0	8.7	48.7





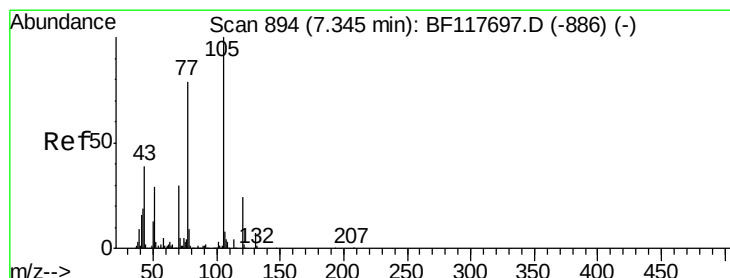
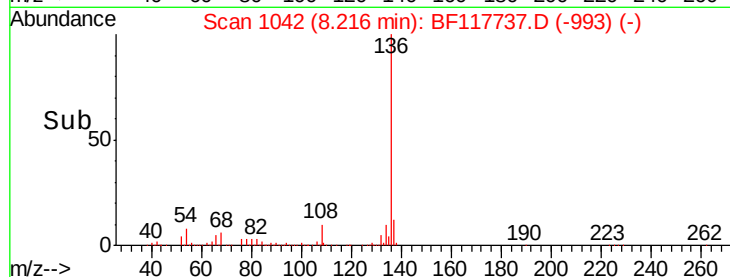
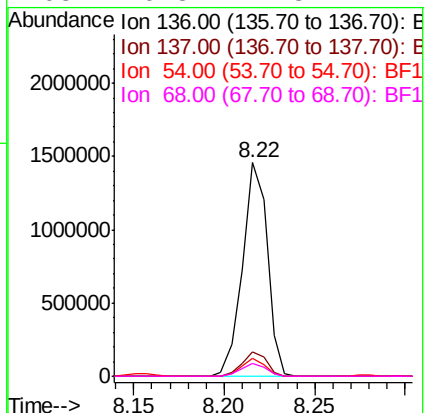
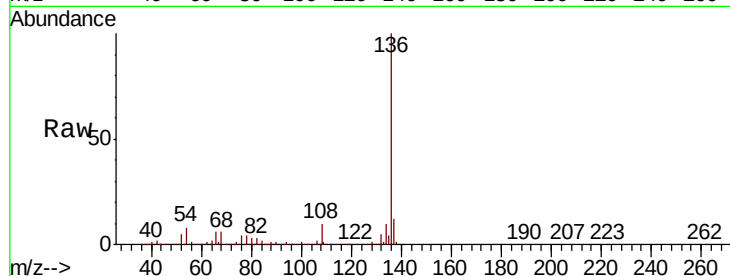
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.22 min Scan# 1042
Delta R.T. -0.01 min
Lab File: BF117737.D
Acq: 8 Nov 2019 18:02

Instrument :
BNA_F
ClientSampleId :
PB124647BSD

Tot Ion	136	Resp	1391492
Ion	Ratio	Lower	Upper
136	100		
137	11.6	8.8	13.2
54	8.2	6.0	9.0
68	6.3	4.8	7.2

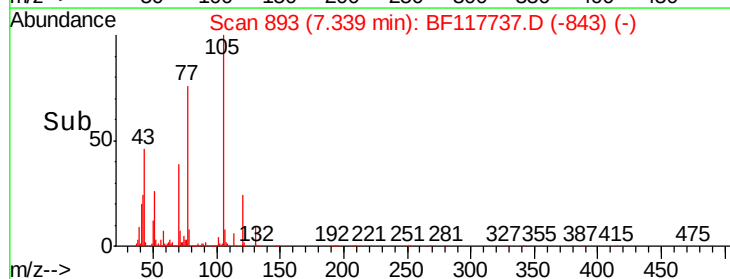
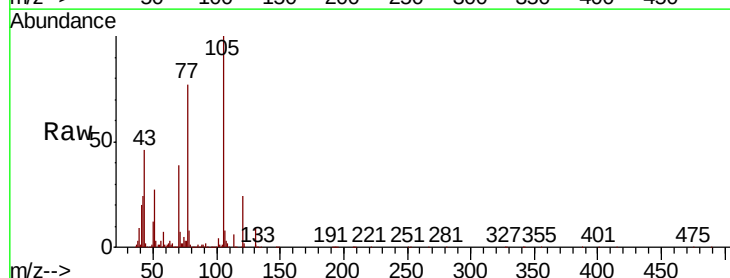
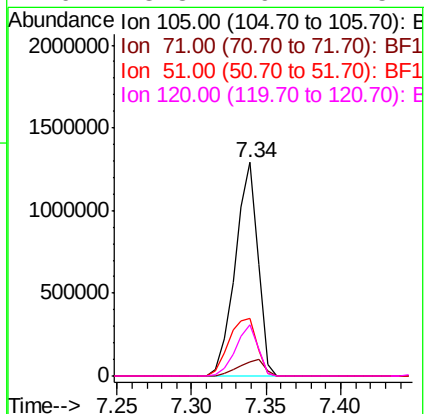
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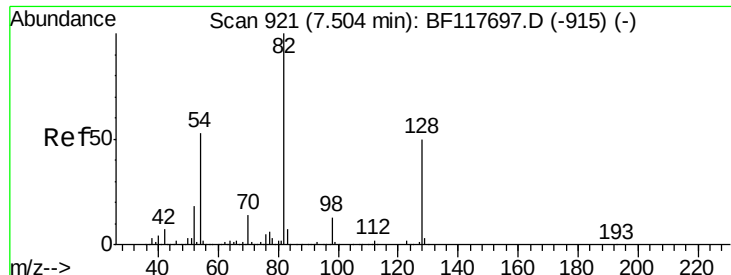
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#22
Acetophenone
Concen: 43.133 ng
RT: 7.34 min Scan# 893
Delta R.T. -0.01 min
Lab File: BF117737.D
Acq: 8 Nov 2019 18:02

Tgt Ion	105	Resp	1371757
Ion	Ratio	Lower	Upper
105	100		
71	6.6	3.9	5.9#
51	27.0	23.0	34.4
120	23.8	19.1	28.7





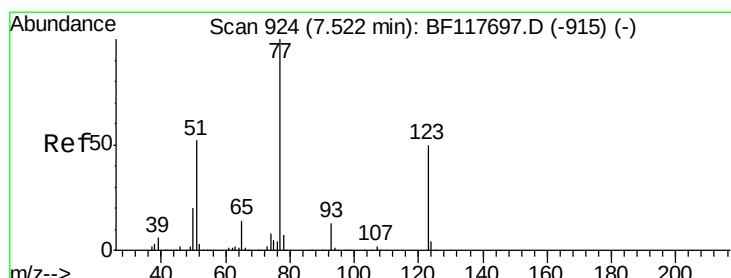
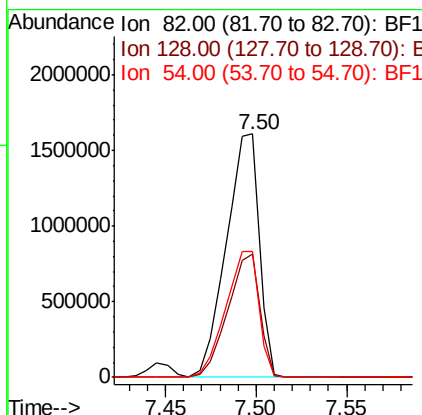
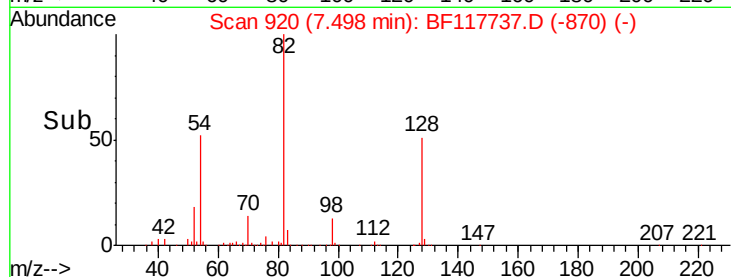
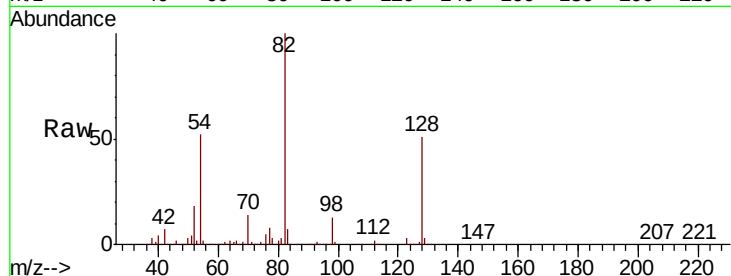
#23
 Nitrobenzene-d5
 Concen: 86.094 ng
 RT: 7.50 min Scan# 920
 Delta R.T. -0.01 min
 Lab File: BF117737.D
 Acq: 8 Nov 2019 18:02

Instrument :
 BNA_F
 ClientSampleId :
 PB124647BSD

Tot Ion: 82 Resp: 2029145
 Ion Ratio Lower Upper
 82 100
 128 50.6 40.2 60.2
 54 51.6 42.0 63.0

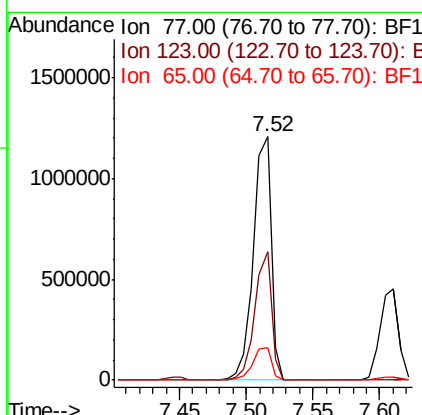
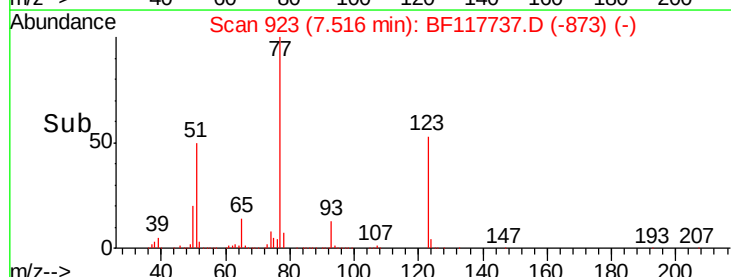
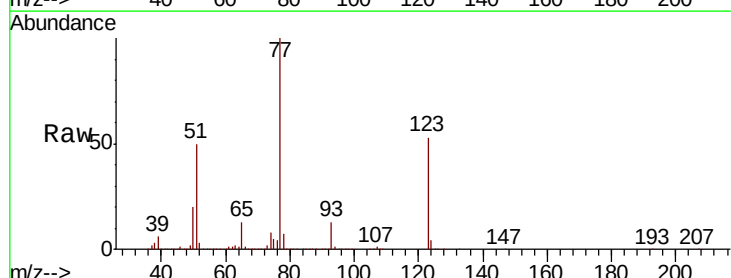
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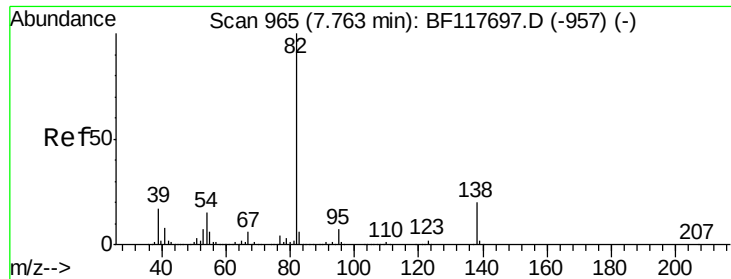
mohammad
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#24
 Nitrobenzene
 Concen: 44.636 ng
 RT: 7.52 min Scan# 923
 Delta R.T. -0.01 min
 Lab File: BF117737.D
 Acq: 8 Nov 2019 18:02

Tgt Ion: 77 Resp: 1098541
 Ion Ratio Lower Upper
 77 100
 123 52.7 40.4 60.6
 65 13.5 10.8 16.2





#25

Isophorone

Concen: 44.633 ng

RT: 7.75 min Scan# 963

Delta R.T. -0.01 min

Lab File: BF117737.D

Acq: 8 Nov 2019 18:02

Instrument :

BNA_F

ClientSampleId :

PB124647BSD

Tot Ion: 82 Resp: 2011995

Ion Ratio Lower Upper

82 100

95 7.4 5.8 8.6

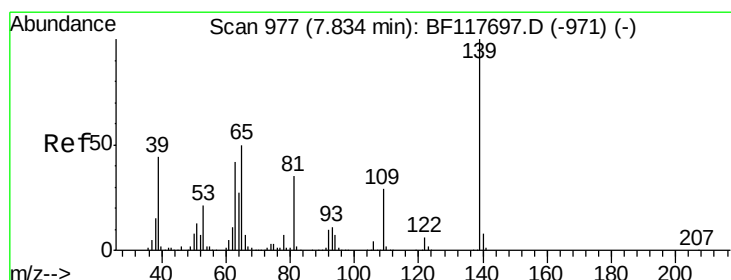
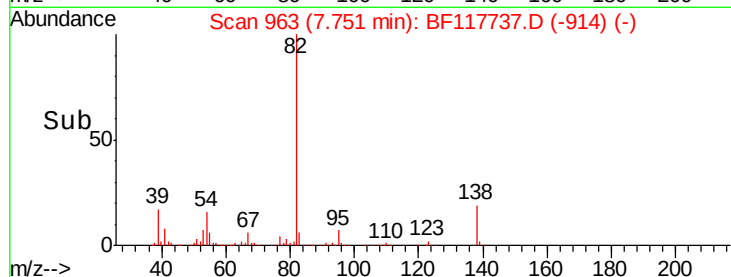
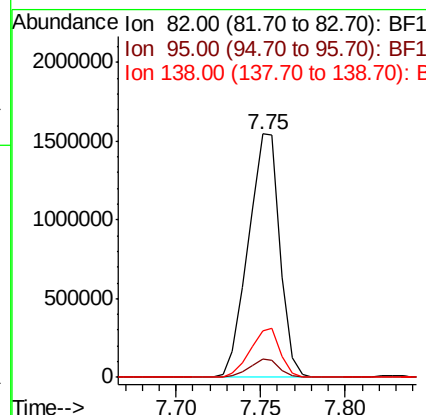
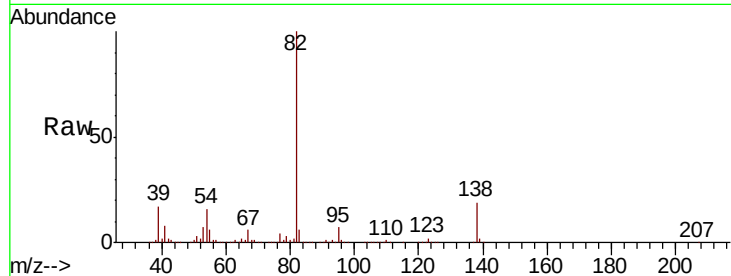
138 19.1 16.2 24.2

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#26

2-Nitrophenol

Concen: 50.314 ng

RT: 7.83 min Scan# 976

Delta R.T. -0.01 min

Lab File: BF117737.D

Acq: 8 Nov 2019 18:02

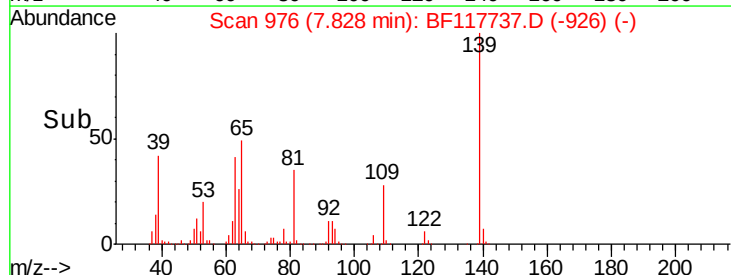
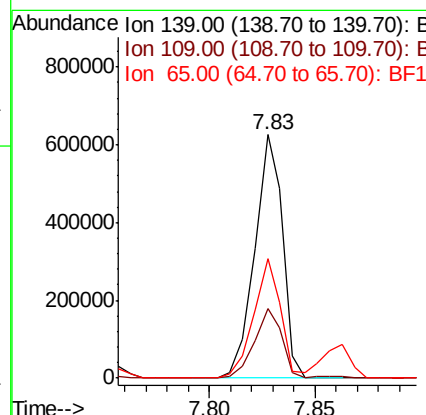
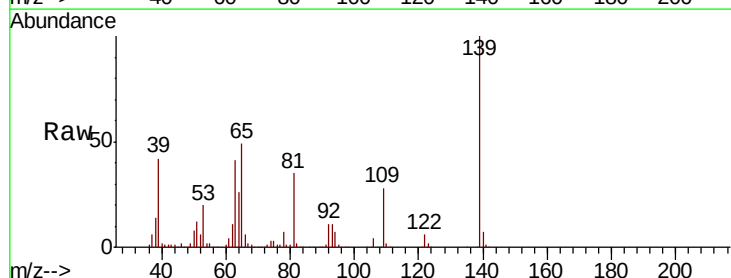
Tgt Ion: 139 Resp: 574879

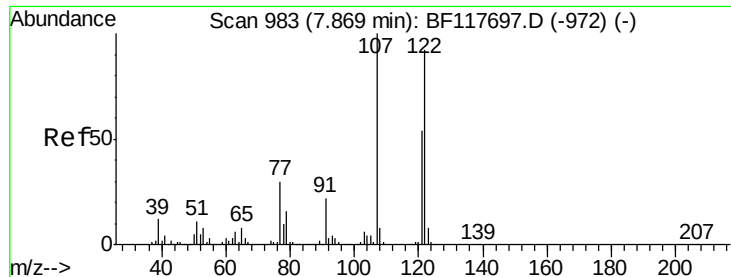
Ion Ratio Lower Upper

139 100

109 28.3 22.8 34.2

65 49.1 40.2 60.4





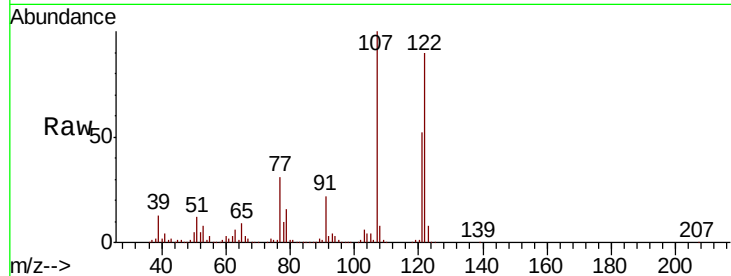
#27
2,4-Dimethylphenol
Concen: 48.150 ng
RT: 7.86 min Scan# 982
Delta R.T. -0.01 min
Lab File: BF117737.D
Acq: 8 Nov 2019 18:02

Instrument :
BNA_F
ClientSampled :
PB124647BSD

Tot Ion	Ratio	Lower	Upper
122	100		
107	111.0	87.1	130.7
121	58.1	46.9	70.3

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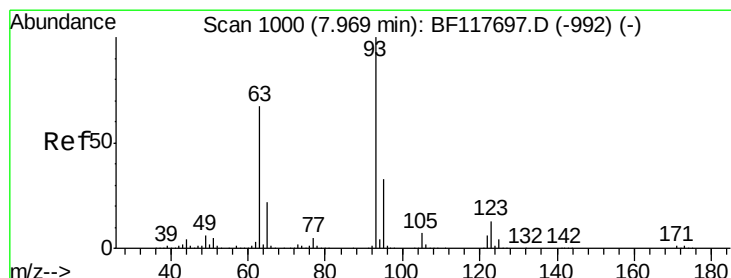
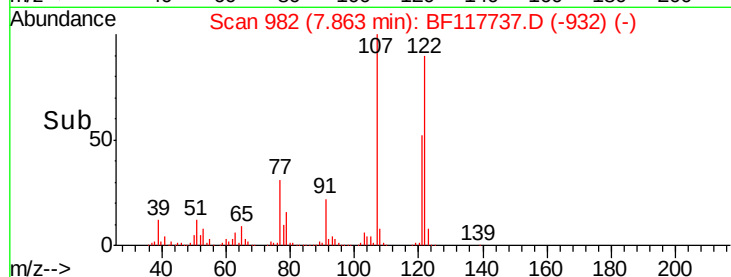
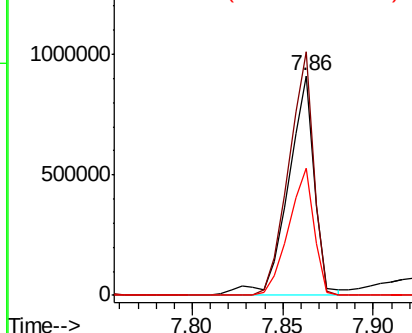


Abundance

Ion 122.00 (121.70 to 122.70): E

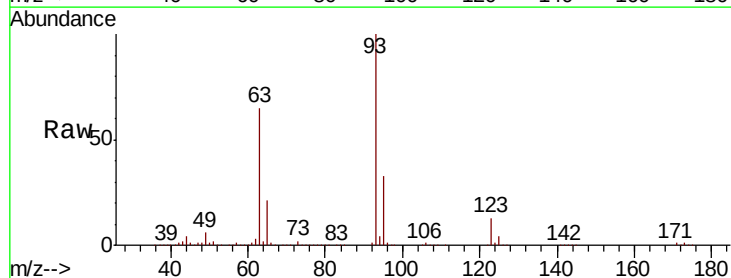
Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28
bis(2-Chloroethoxy)methane
Concen: 43.085 ng
RT: 7.96 min Scan# 999
Delta R.T. -0.01 min
Lab File: BF117737.D
Acq: 8 Nov 2019 18:02

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.3	26.8	40.2
123	12.5	10.4	15.6

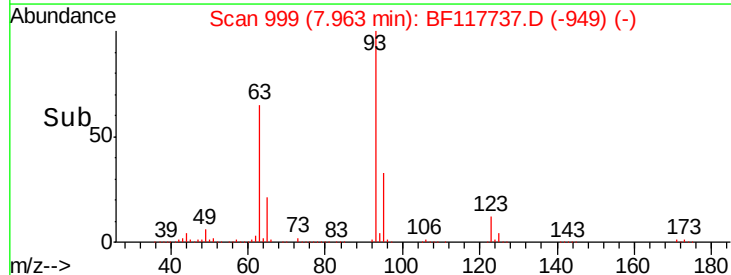
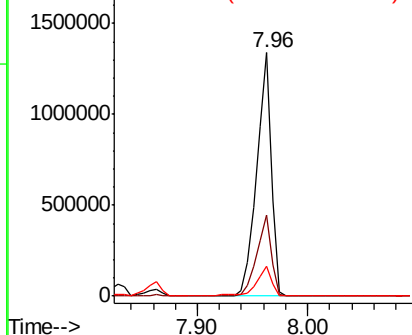


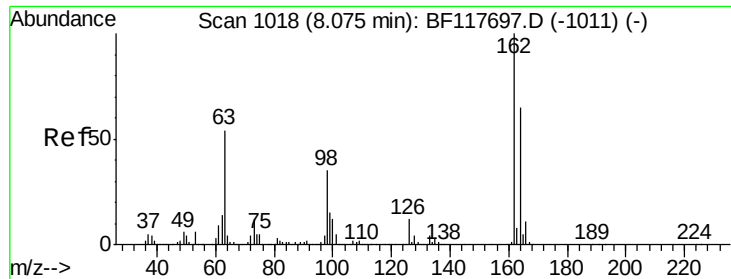
Abundance

Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E





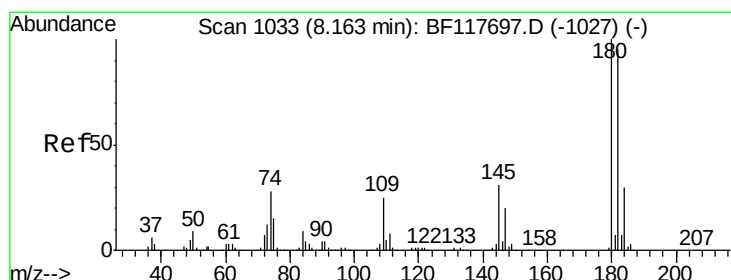
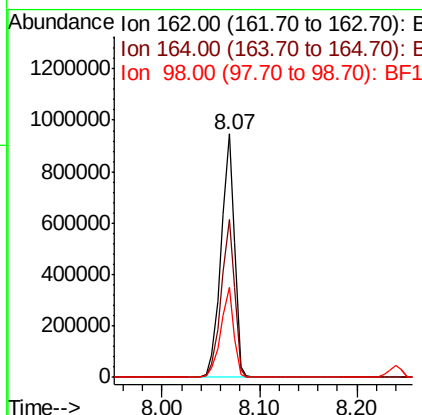
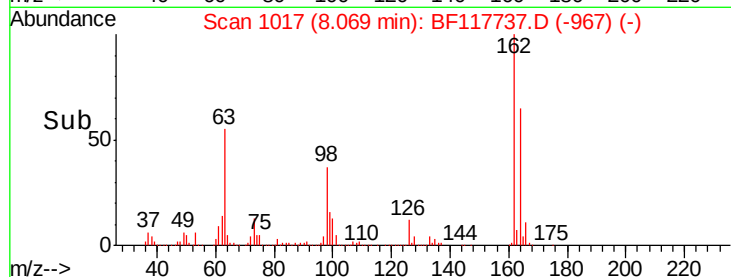
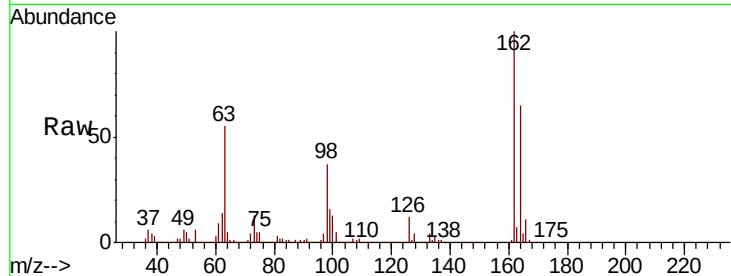
#29
2,4-Dichlorophenol
Concen: 45.537 ng
RT: 8.07 min Scan# 1017
Delta R.T. -0.01 min
Lab File: BF117737.D
Acq: 8 Nov 2019 18:02

Instrument :
BNA_F
ClientSampleId :
PB124647BSD

Tot Ion	Ratio	Resp	Lower	Upper
162	100	903854		
164	64.9	45.4	85.4	
98	37.1	15.5	55.5	

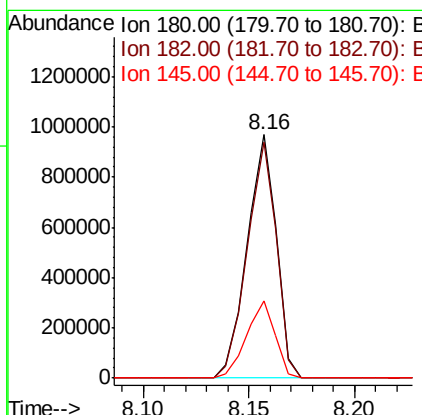
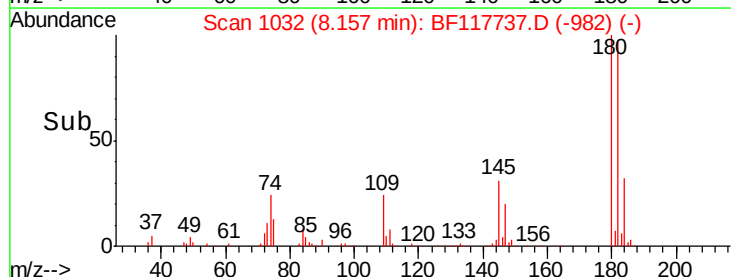
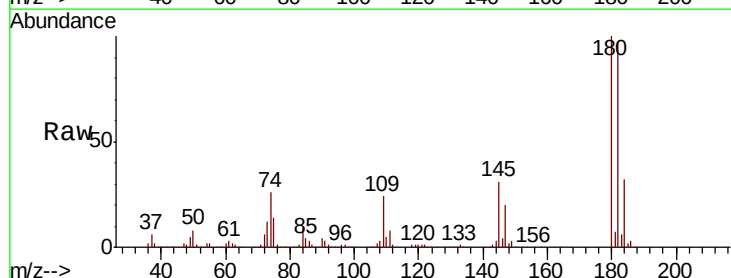
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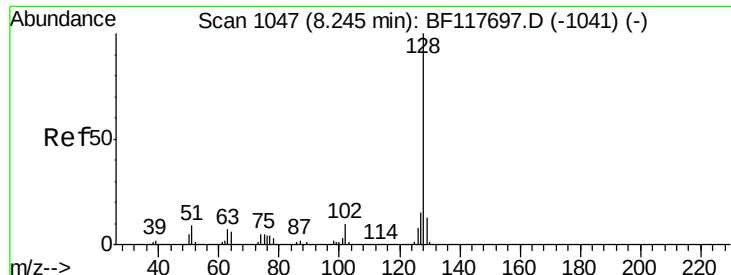
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#30
1,2,4-Trichlorobenzene
Concen: 41.017 ng
RT: 8.16 min Scan# 1032
Delta R.T. -0.01 min
Lab File: BF117737.D
Acq: 8 Nov 2019 18:02

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	931996		
182	96.6	76.0	114.0	
145	31.5	25.0	37.4	





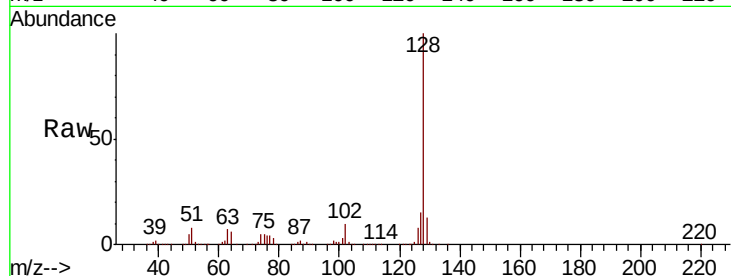
#31
Naphthalene
Concen: 44.427 ng
RT: 8.24 min Scan# 1046
Delta R.T. -0.01 min
Lab File: BF117737.D
Acq: 8 Nov 2019 18:02

Instrument :
BNA_F
ClientSampleId :
PB124647BSD

Tot Ion	Ratio	Lower	Upper
128	100		
129	12.5	10.1	15.1
127	14.5	11.8	17.6

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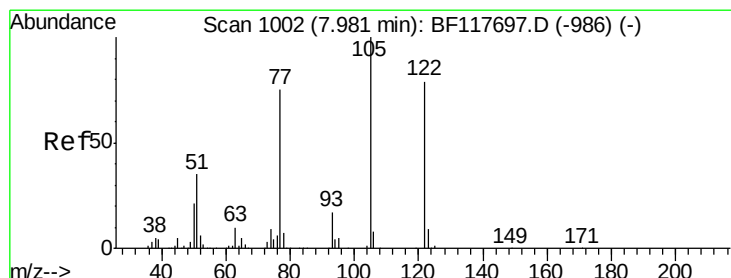
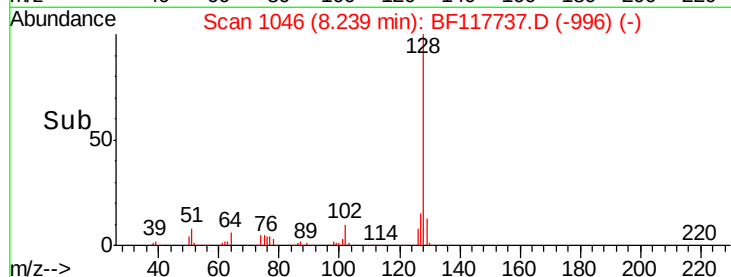
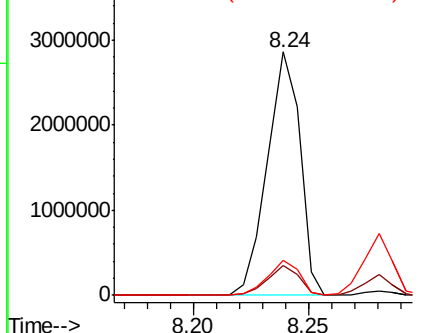


Abundance

Ion 128.00 (127.70 to 128.70): E

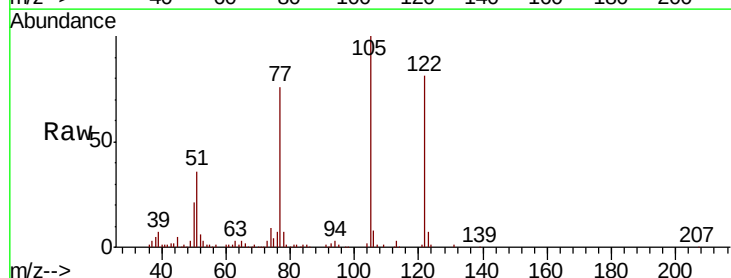
Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32
Benzoic acid
Concen: 12.255 ng m
RT: 7.93 min Scan# 994
Delta R.T. -0.05 min
Lab File: BF117737.D
Acq: 8 Nov 2019 18:02

Tgt Ion	Ratio	Lower	Upper
122	100		
105	123.2	102.8	142.8
77	93.5	73.2	113.2

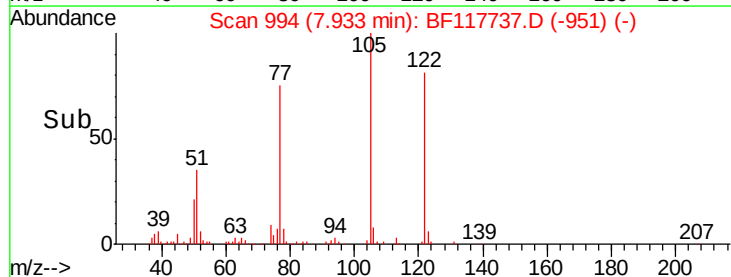
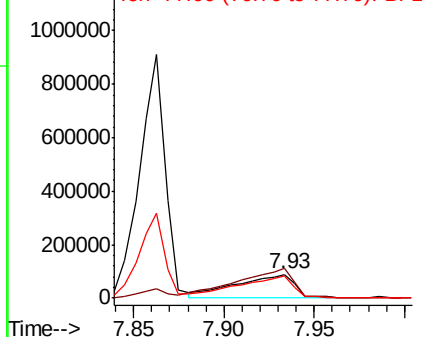


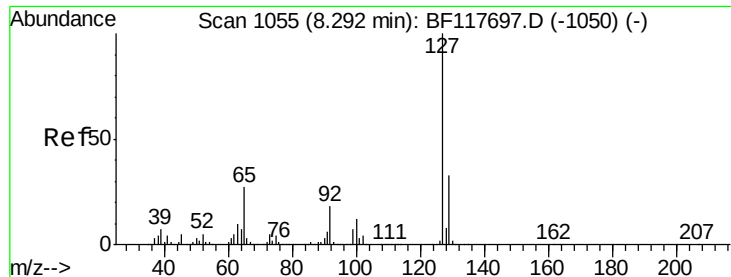
Abundance

Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1





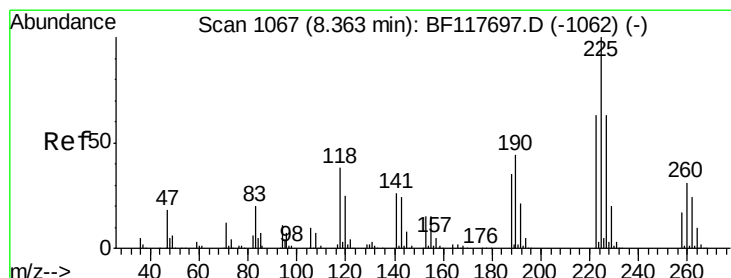
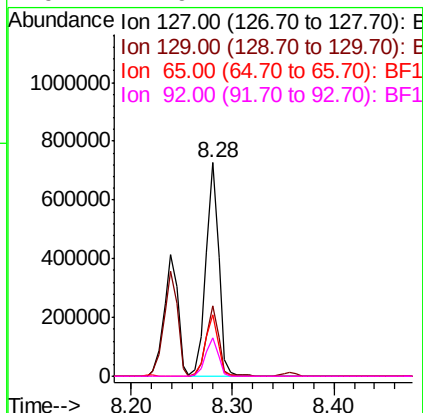
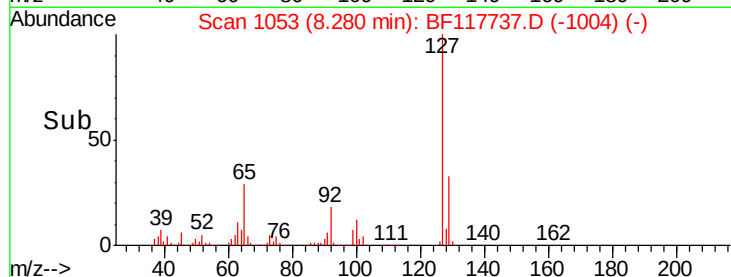
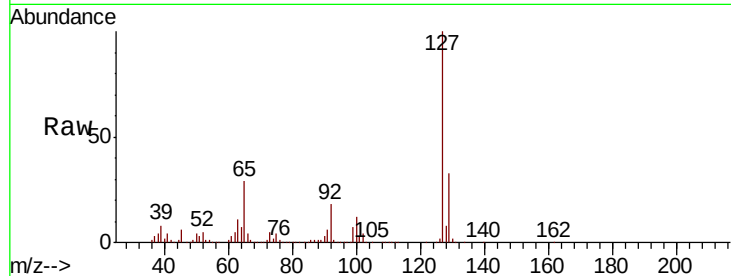
#33
4-Chloroaniline
Concen: 21.576 ng
RT: 8.28 min Scan# 1053
Delta R.T. -0.01 min
Lab File: BF117737.D
Acq: 8 Nov 2019 18:02

Instrument :
BNA_F
ClientSampled :
PB124647BSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		637645		
129	32.7	26.6	39.8		
65	28.7	21.7	32.5		
92	17.9	14.1	21.1		

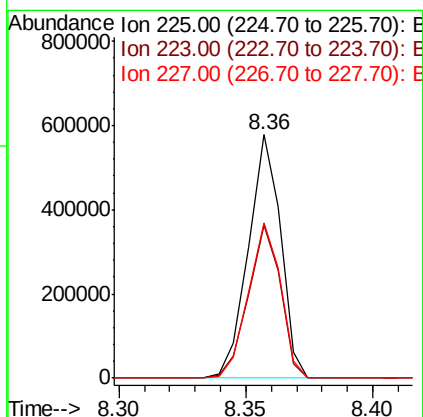
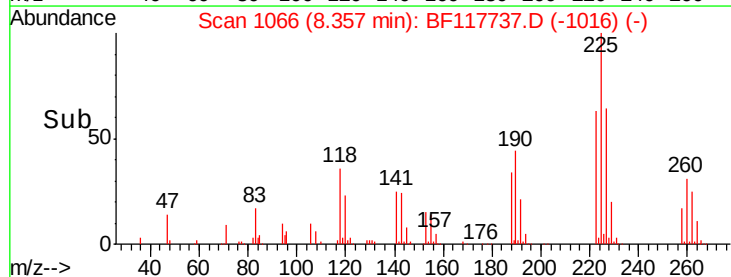
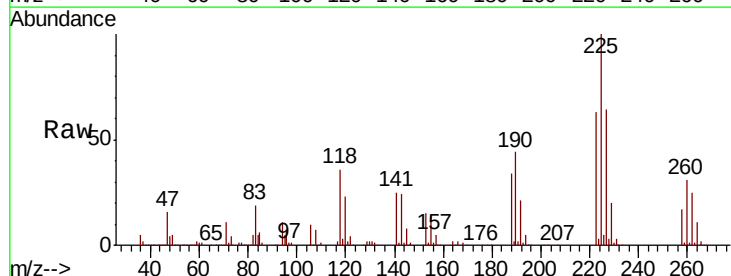
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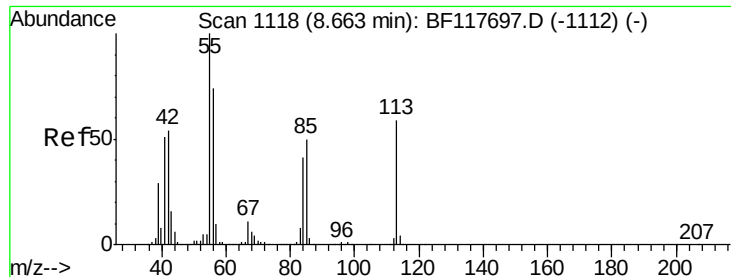
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#34
Hexachlorobutadiene
Concen: 39.329 ng
RT: 8.36 min Scan# 1066
Delta R.T. -0.01 min
Lab File: BF117737.D
Acq: 8 Nov 2019 18:02

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		511755		
223	62.6	50.1	75.1		
227	64.0	50.2	75.4		





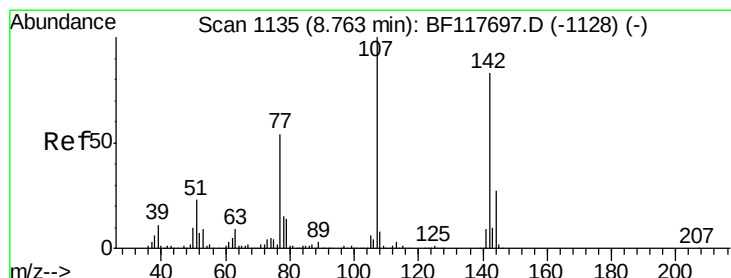
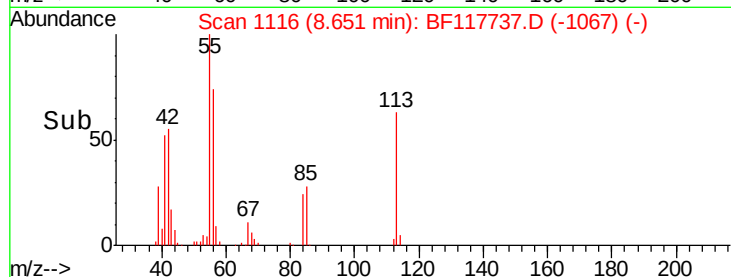
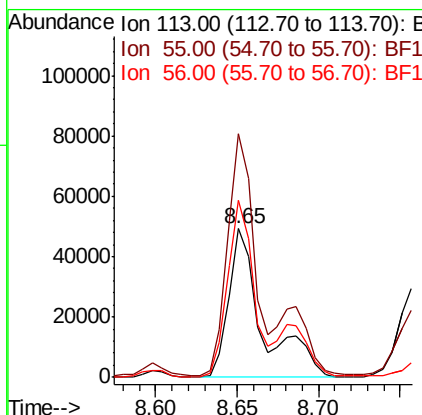
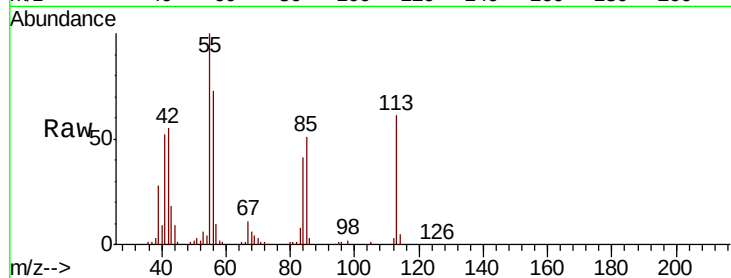
#35
Caprolactam
Concen: 10.867 ng m
RT: 8.65 min Scan# 1116
Delta R.T. -0.01 min
Lab File: BF117737.D
Acq: 8 Nov 2019 18:02

Instrument :
BNA_F
ClientSampleId :
PB124647BSD

Tot Ion	Ion	Ratio	Lower	Upper
113	100			
55	163.8	150.5	190.5	
56	119.0	106.2	146.2	

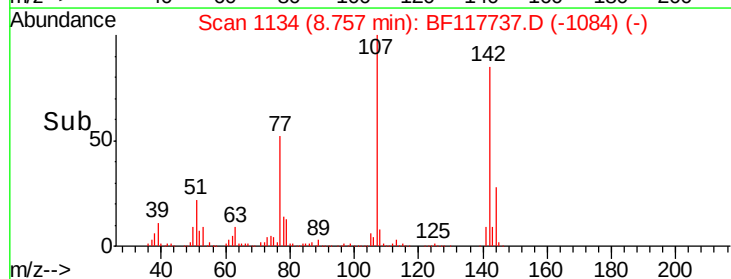
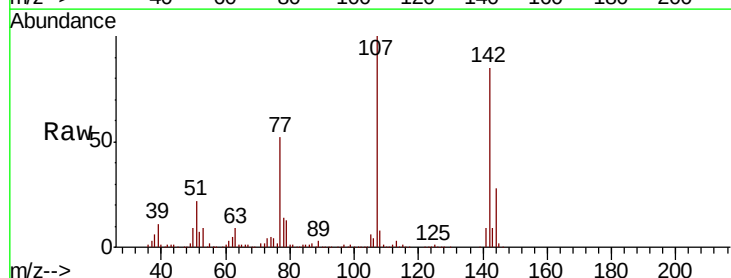
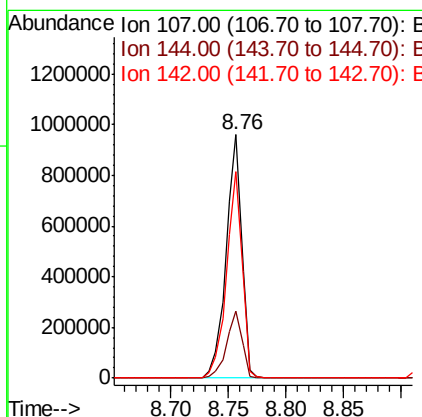
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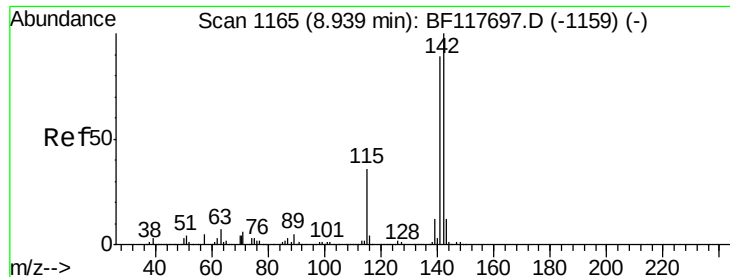
mohammad
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#36
4-Chloro-3-methylphenol
Concen: 45.197 ng
RT: 8.76 min Scan# 1134
Delta R.T. -0.01 min
Lab File: BF117737.D
Acq: 8 Nov 2019 18:02

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
144	27.6	21.5	32.3	
142	85.0	66.7	100.1	





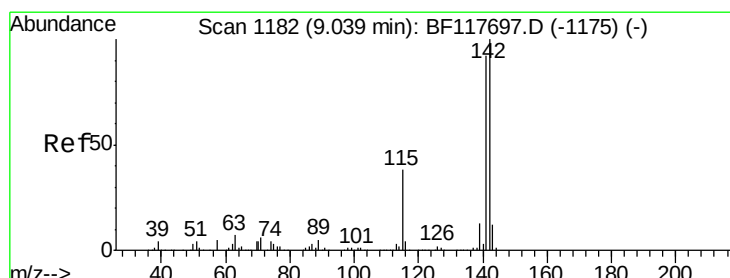
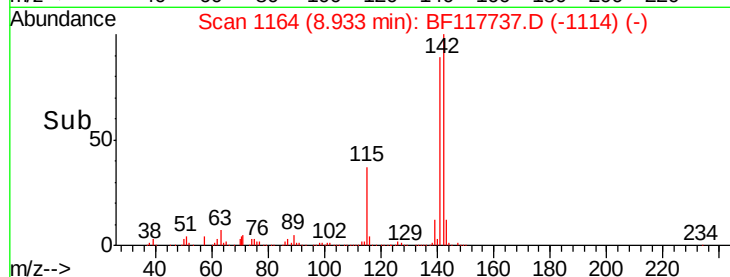
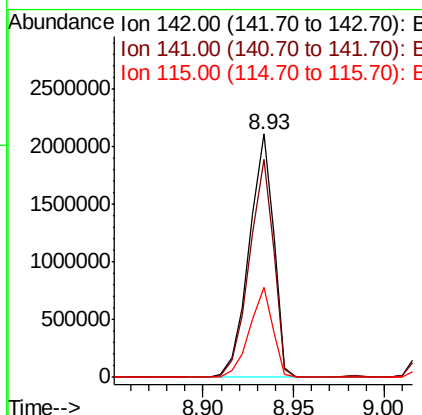
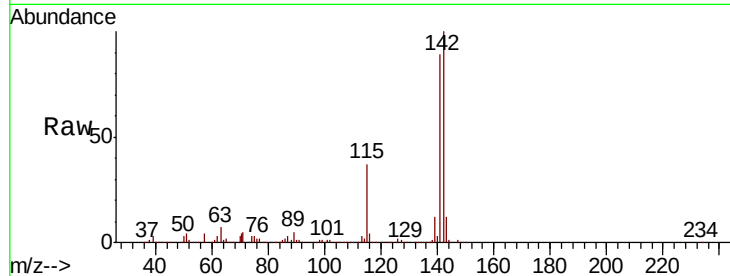
#37
2-Methylnaphthalene
Concen: 45.848 ng
RT: 8.93 min Scan# 1164
Delta R.T. -0.01 min
Lab File: BF117737.D
Acq: 8 Nov 2019 18:02

Instrument :
BNA_F
ClientSampleId :
PB124647BSD

Tot Ion:142 Resp: 1985182
Ion Ratio Lower Upper
142 100
141 89.3 71.5 107.3
115 36.9 28.9 43.3

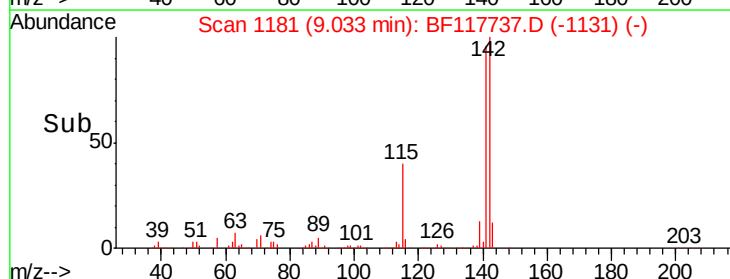
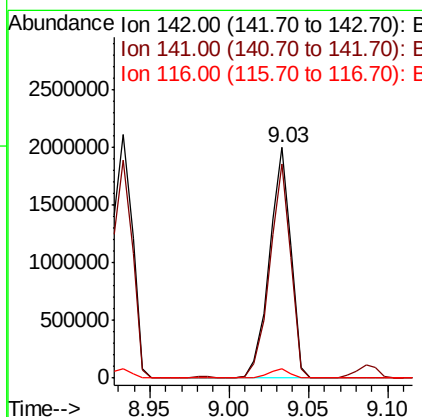
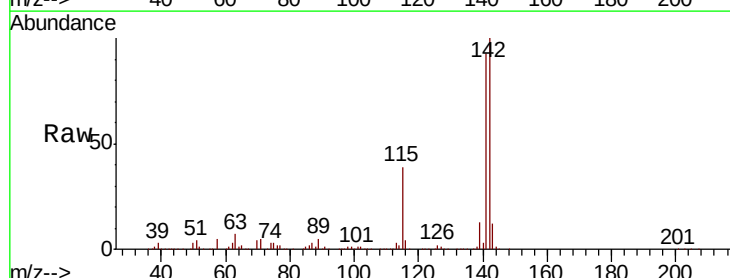
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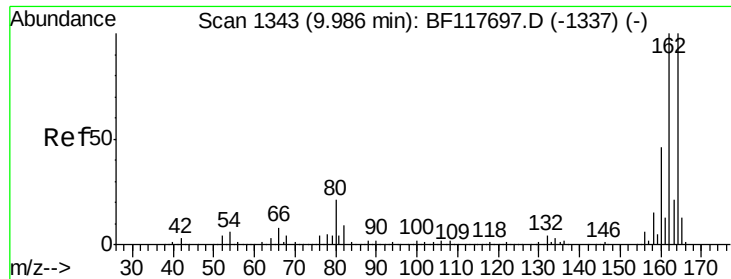
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#38
1-Methylnaphthalene
Concen: 45.774 ng
RT: 9.03 min Scan# 1181
Delta R.T. -0.01 min
Lab File: BF117737.D
Acq: 8 Nov 2019 18:02

Tgt Ion:142 Resp: 1882172
Ion Ratio Lower Upper
142 100
141 93.0 73.3 109.9
116 4.1 3.2 4.8





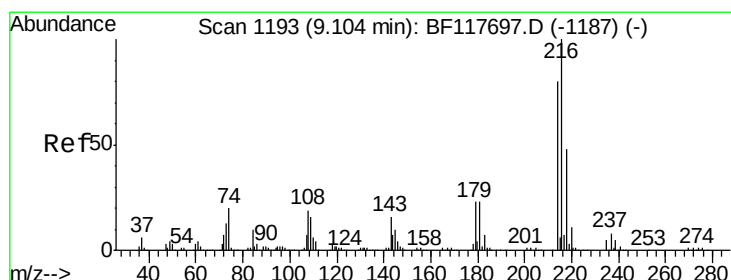
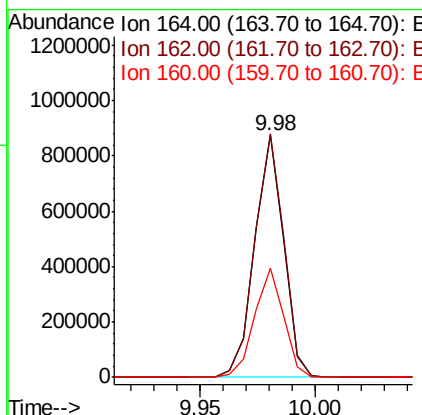
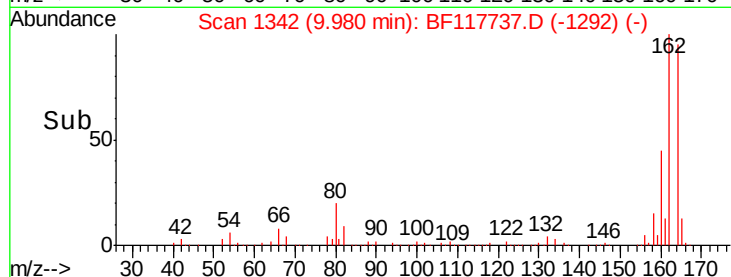
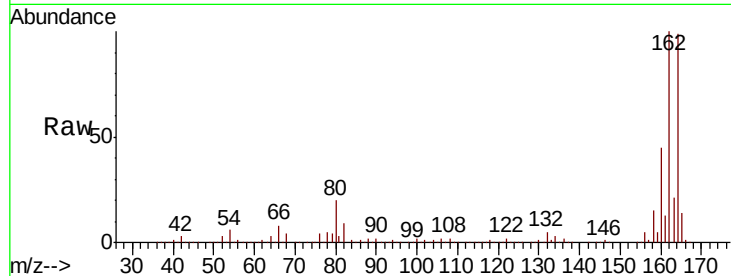
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.98 min Scan# 1342
 Delta R.T. -0.01 min
 Lab File: BF117737.D
 Acq: 8 Nov 2019 18:02

Instrument :
 BNA_F
 ClientSampleId :
 PB124647BSD

Tot Ion	Ratio	Lower	Upper
164	100		
162	100.7	79.7	119.5
160	45.3	36.5	54.7

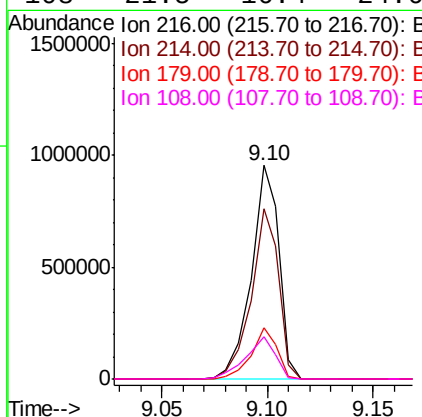
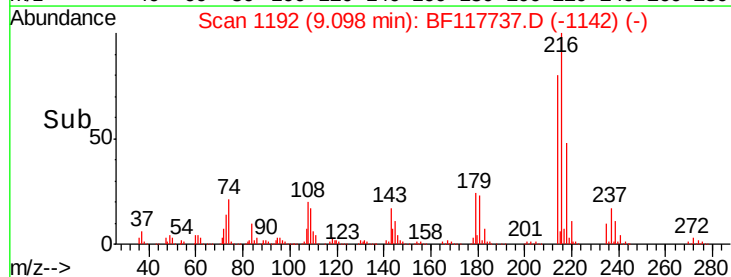
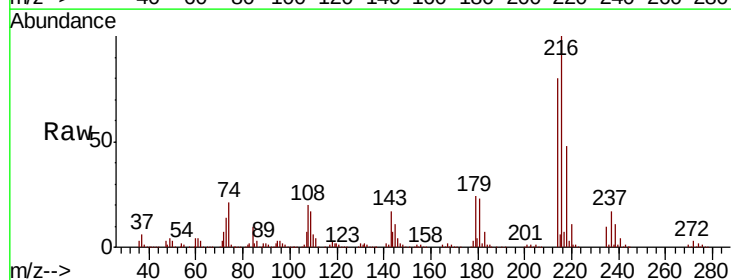
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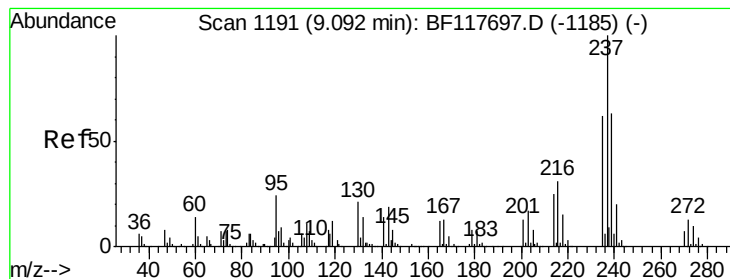
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#40
 1,2,4,5-Tetrachlorobenzene
 Concen: 41.277 ng
 RT: 9.10 min Scan# 1192
 Delta R.T. -0.01 min
 Lab File: BF117737.D
 Acq: 8 Nov 2019 18:02

Tgt Ion	Ratio	Lower	Upper
216	100		
214	78.9	63.6	95.4
179	22.5	18.1	27.1
108	21.5	16.4	24.6





#41

Hexachlorocyclopentadiene

Concen: 74.326 ng

RT: 9.09 min Scan# 1190

Delta R.T. -0.01 min

Lab File: BF117737.D

Acq: 8 Nov 2019 18:02

Instrument :

BNA_F

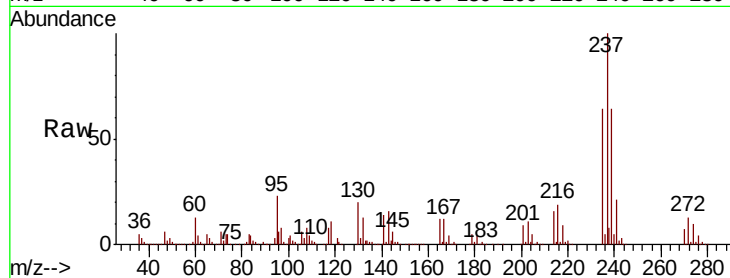
ClientSampleId :

PB124647BSD

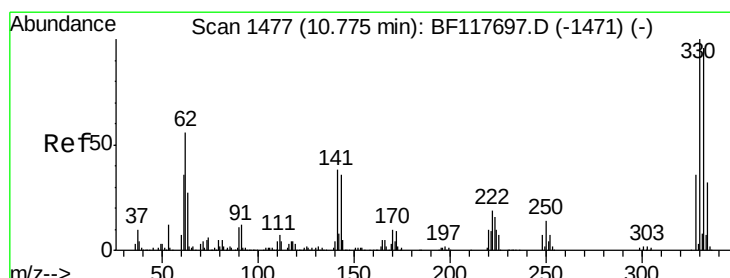
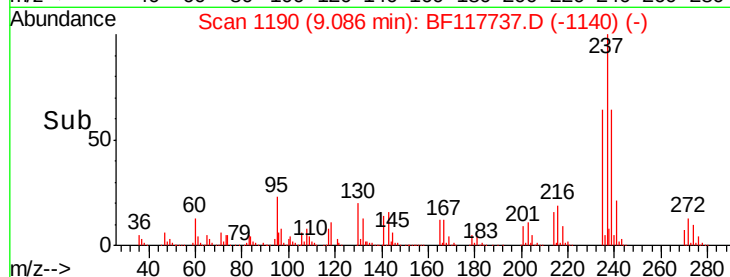
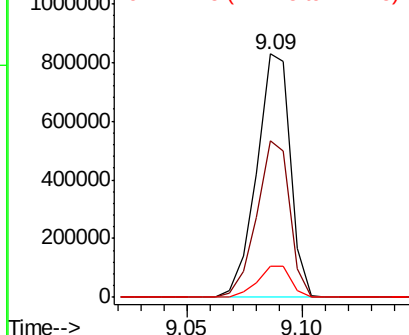
Tot Ion:	237	Resp:	842980
Ion Ratio	Lower	Upper	
237	100		
235	64.1	42.2	82.2
272	12.7	0.0	32.8

Manual Integrations
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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: 134.394 ng

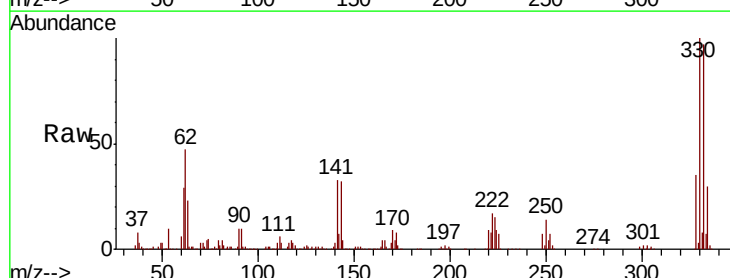
RT: 10.77 min Scan# 1477

Delta R.T. -0.00 min

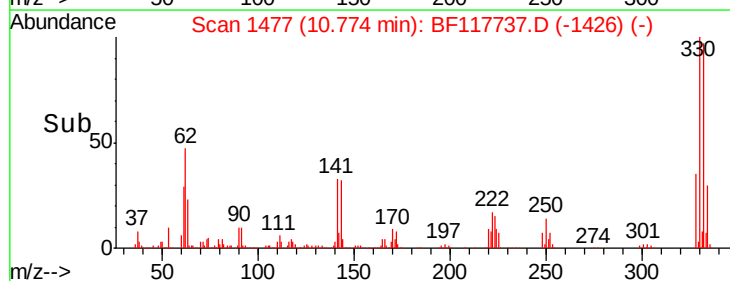
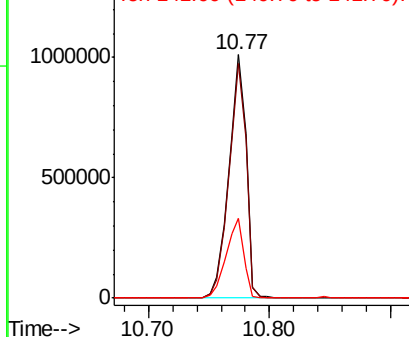
Lab File: BF117737.D

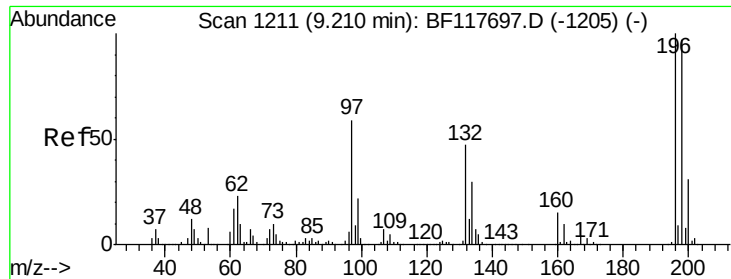
Acq: 8 Nov 2019 18:02

Tgt Ion:	330	Resp:	1010278
Ion Ratio	Lower	Upper	
330	100		
332	97.0	77.4	116.0
141	33.2	28.0	42.0



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





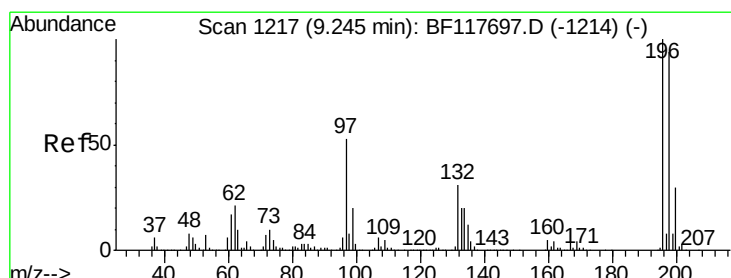
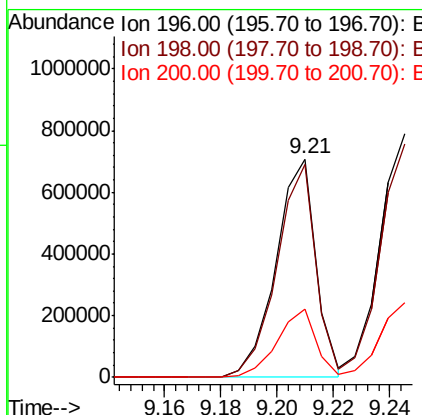
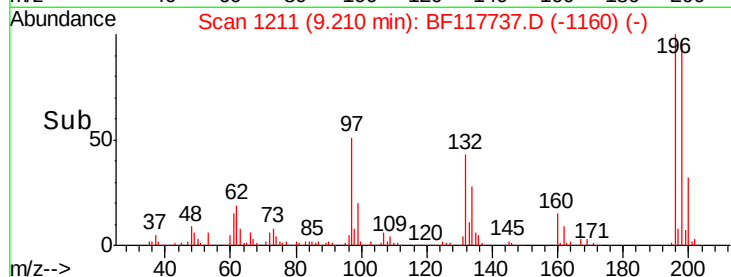
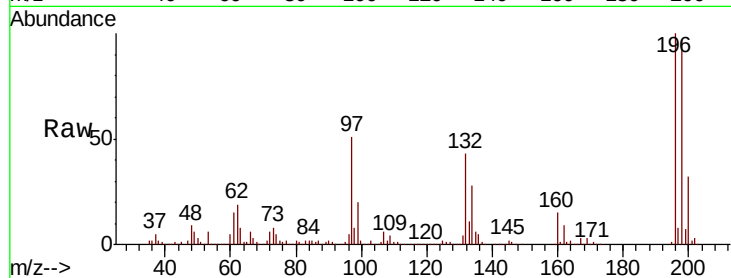
#43
 2,4,6-Trichlorophenol
 Concen: 45.341 ng
 RT: 9.21 min Scan# 1211
 Delta R.T. -0.00 min
 Lab File: BF117737.D
 Acq: 8 Nov 2019 18:02

Instrument :
 BNA_F
 ClientSampleId :
 PB124647BSD

Tot Ion:	196	Resp:	694235
Ion Ratio	Lower	Upper	
196	100		
198	97.4	77.8	116.6
200	31.5	25.0	37.6

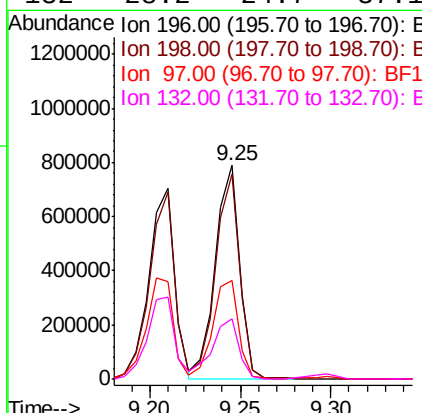
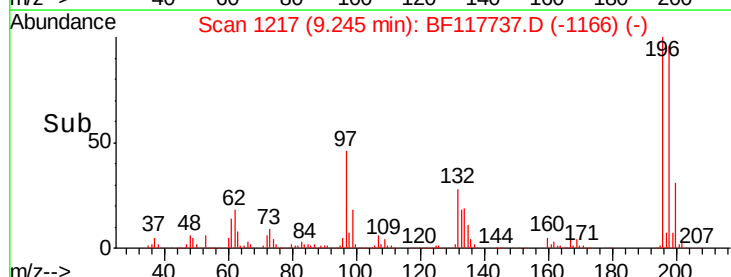
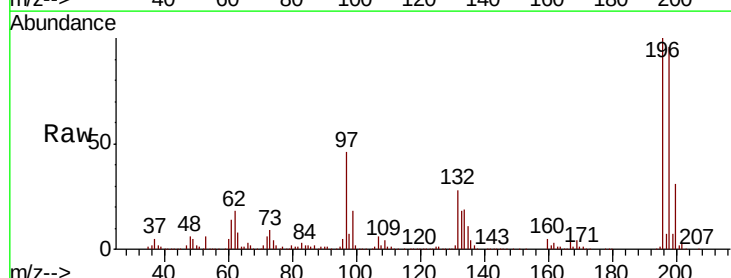
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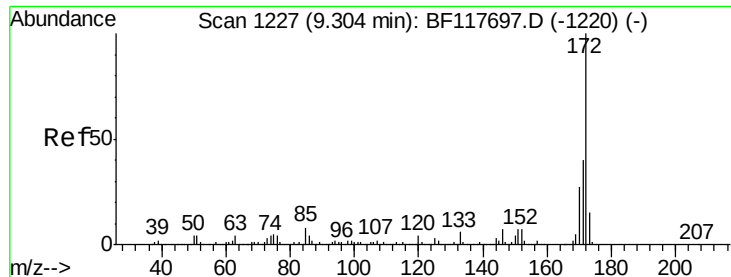
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#44
 2,4,5-Trichlorophenol
 Concen: 47.323 ng
 RT: 9.25 min Scan# 1217
 Delta R.T. -0.00 min
 Lab File: BF117737.D
 Acq: 8 Nov 2019 18:02

Tgt Ion:	196	Resp:	734460
Ion Ratio	Lower	Upper	
196	100		
198	95.7	75.4	113.0
97	46.2	42.5	63.7
132	28.2	24.7	37.1





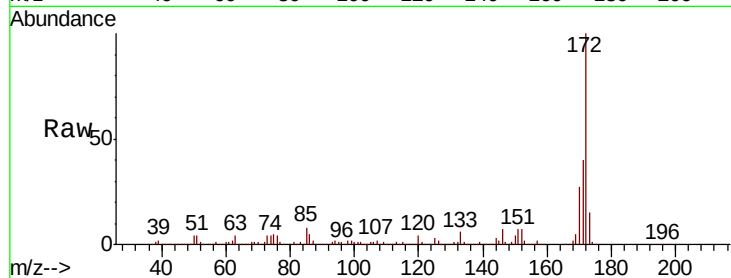
#45
2-Fluorobiphenyl
Concen: 91.286 ng
RT: 9.30 min Scan# 1226
Delta R.T. -0.01 min
Lab File: BF117737.D
Acq: 8 Nov 2019 18:02

Instrument :
BNA_F
ClientSampleId :
PB124647BSD

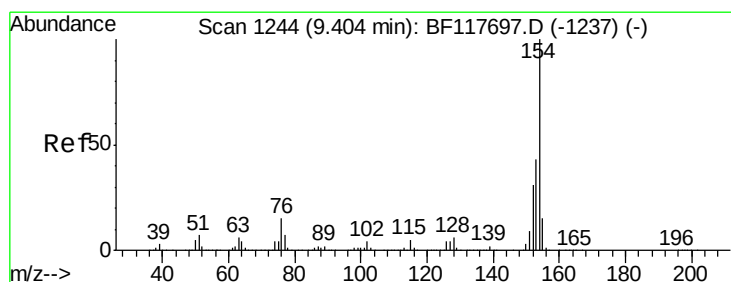
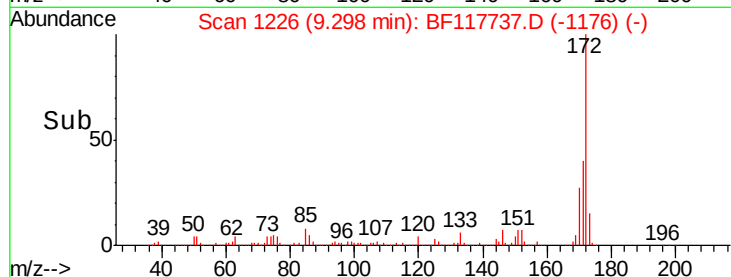
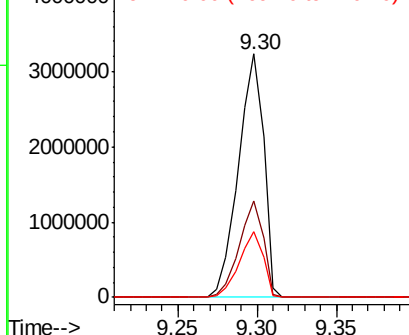
Tot Ion:172 Resp: 3555467
Ion Ratio Lower Upper
172 100
171 39.6 31.8 47.8
170 27.0 21.6 32.4

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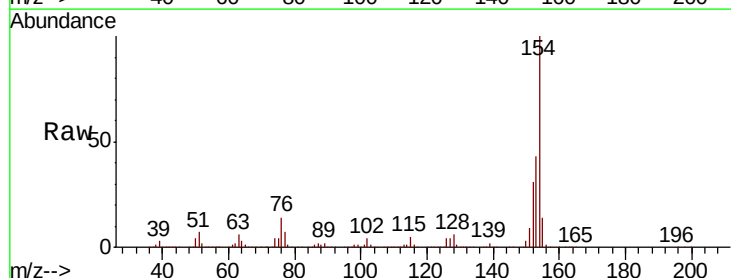


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

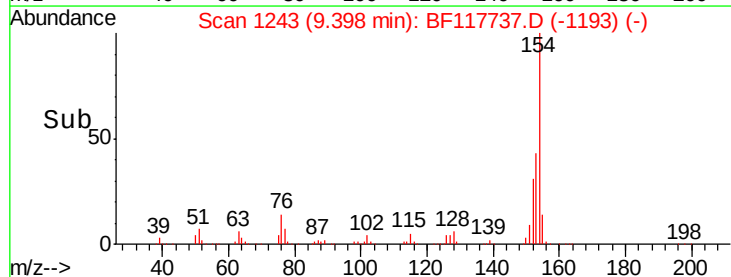
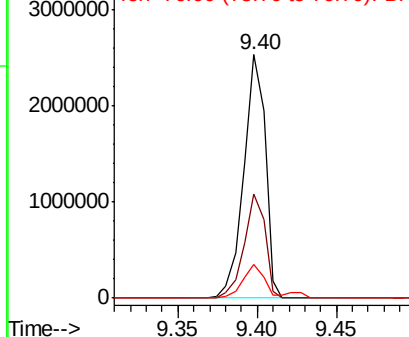


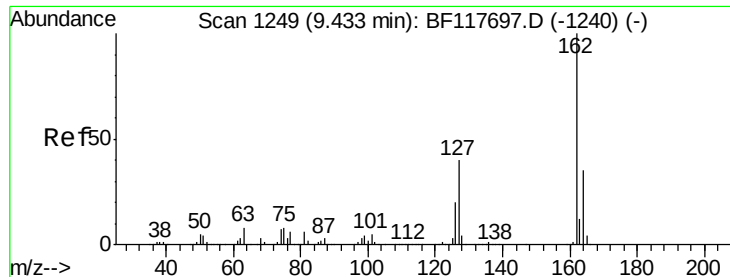
#46
1,1'-Biphenyl
Concen: 43.965 ng
RT: 9.40 min Scan# 1243
Delta R.T. -0.01 min
Lab File: BF117737.D
Acq: 8 Nov 2019 18:02

Tgt Ion:154 Resp: 2366181
Ion Ratio Lower Upper
154 100
153 42.9 23.2 63.2
76 14.1 0.0 34.7



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF1





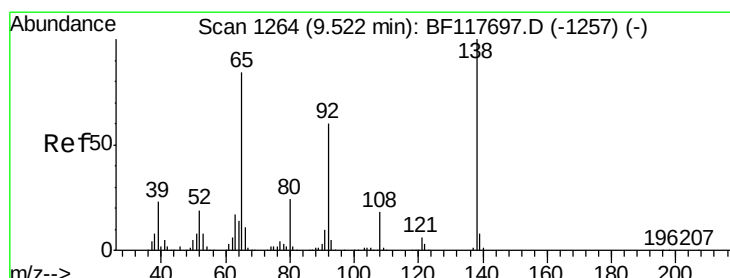
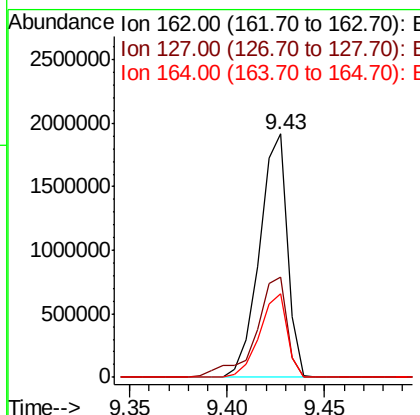
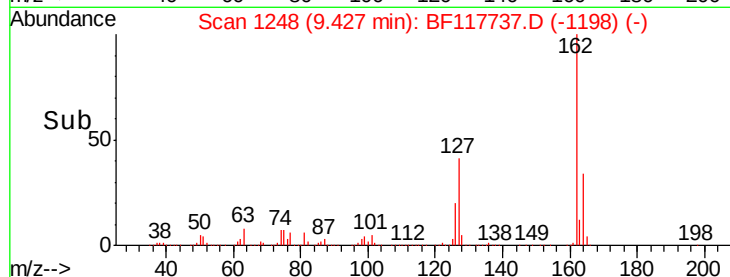
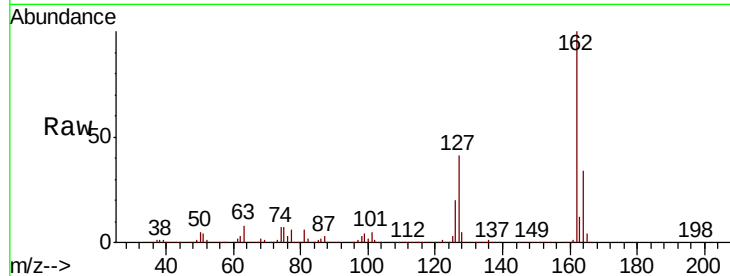
#47
2-Chloronaphthalene
Concen: 42.398 ng
RT: 9.43 min Scan# 1248
Delta R.T. -0.01 min
Lab File: BF117737.D
Acq: 8 Nov 2019 18:02

Instrument :
BNA_F
ClientSampleId :
PB124647BSD

Tot Ion	Ratio	Lower	Upper
162	100		
127	41.1	32.2	48.4
164	34.5	28.1	42.1

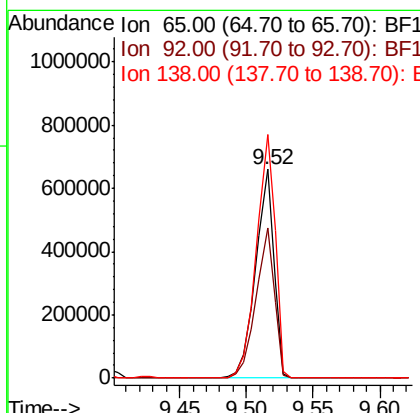
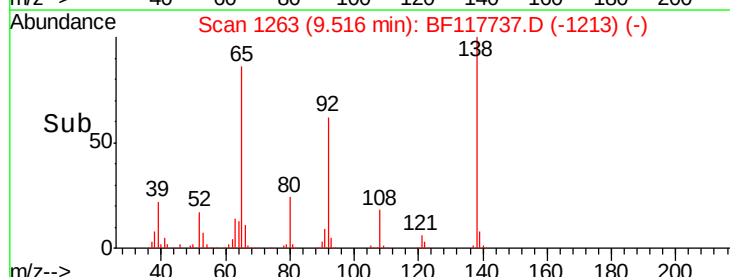
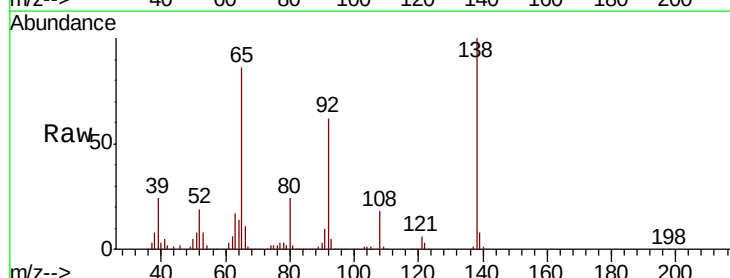
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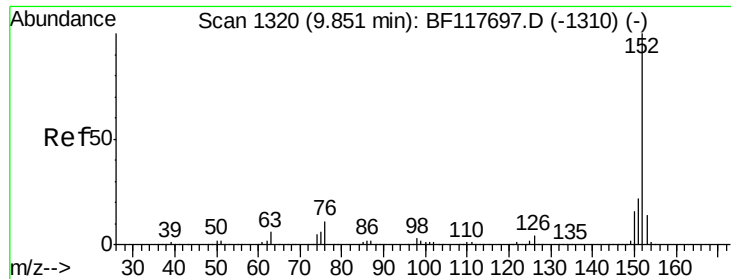
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#48
2-Nitroaniline
Concen: 43.998 ng
RT: 9.52 min Scan# 1263
Delta R.T. -0.01 min
Lab File: BF117737.D
Acq: 8 Nov 2019 18:02

Tgt Ion	Ratio	Lower	Upper
65	100		
92	72.0	57.3	85.9
138	116.8	95.0	142.6





#49

Acenaphthylene

Concen: 45.613 ng

RT: 9.85 min Scan# 1319

Delta R.T. -0.01 min

Lab File: BF117737.D

Acq: 8 Nov 2019 18:02

Instrument :

BNA_F

ClientSampleId :

PB124647BSD

Tot Ion:152 Resp: 2966819

Ion Ratio Lower Upper

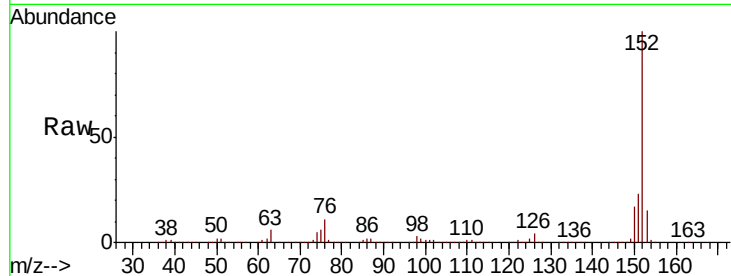
152 100

151 22.6 17.8 26.6

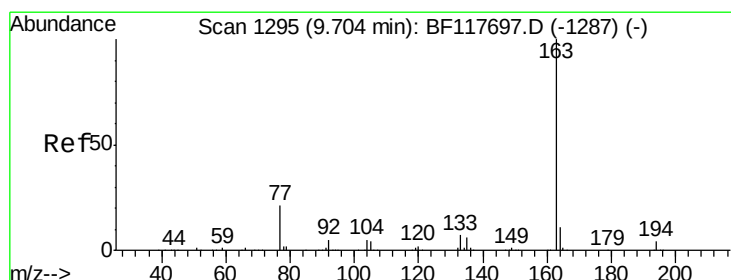
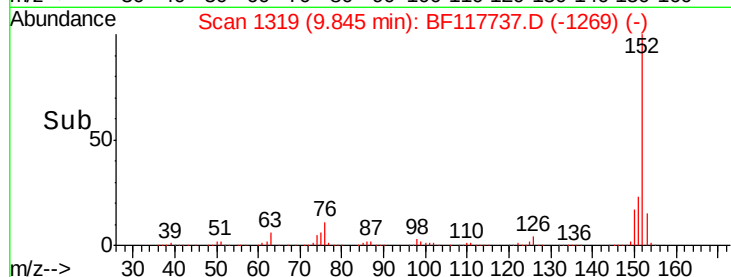
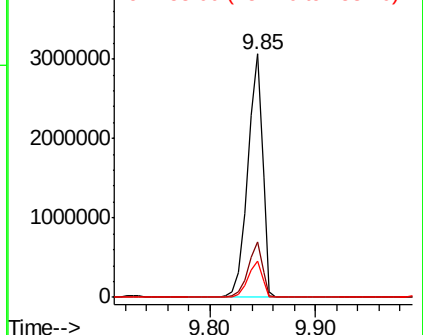
153 14.8 11.5 17.3

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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: 44.941 ng

RT: 9.70 min Scan# 1295

Delta R.T. -0.00 min

Lab File: BF117737.D

Acq: 8 Nov 2019 18:02

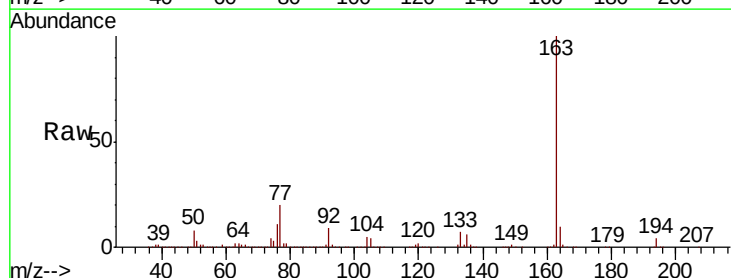
Tgt Ion:163 Resp: 2334691

Ion Ratio Lower Upper

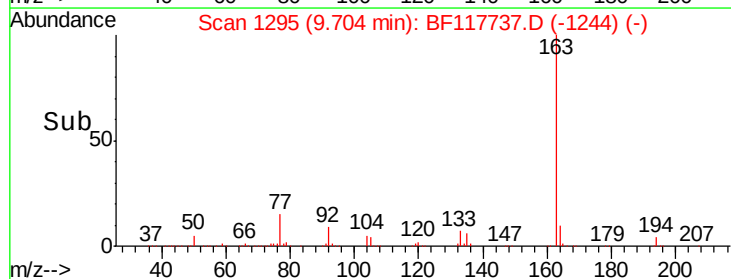
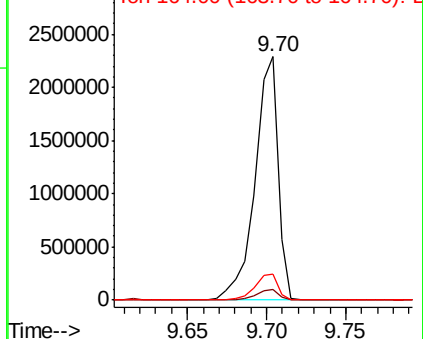
163 100

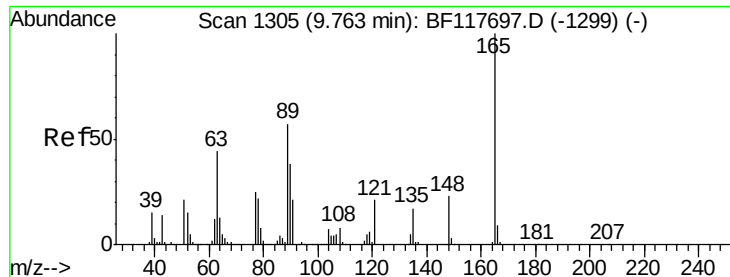
194 4.4 3.4 5.0

164 10.4 8.9 13.3



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: 48.070 ng

RT: 9.76 min Scan# 1305

Delta R.T. -0.00 min

Lab File: BF117737.D

Acq: 8 Nov 2019 18:02

Instrument :

BNA_F

ClientSampleId :

PB124647BSD

Tot Ion:165 Resp: 559193
Ion Ratio Lower Upper

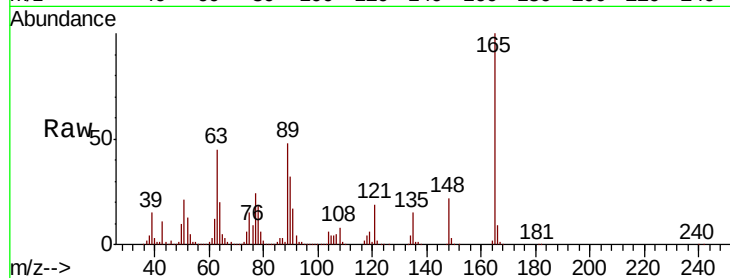
165 100

63 44.6 45.6 68.4#

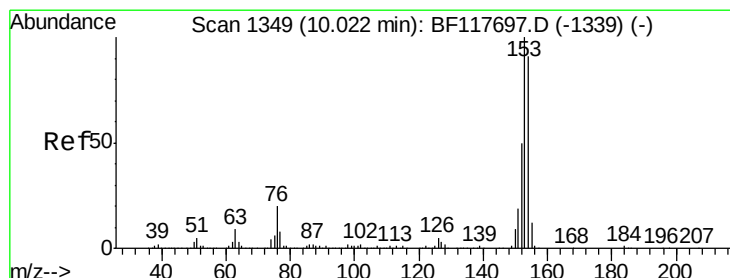
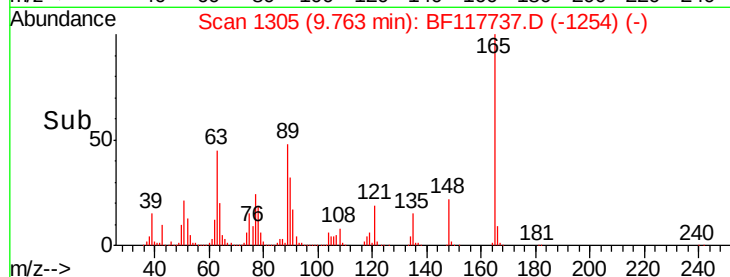
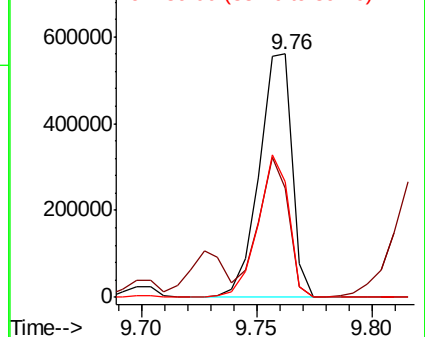
89 47.6 45.8 68.6

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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: 45.475 ng

RT: 10.02 min Scan# 1348

Delta R.T. -0.01 min

Lab File: BF117737.D

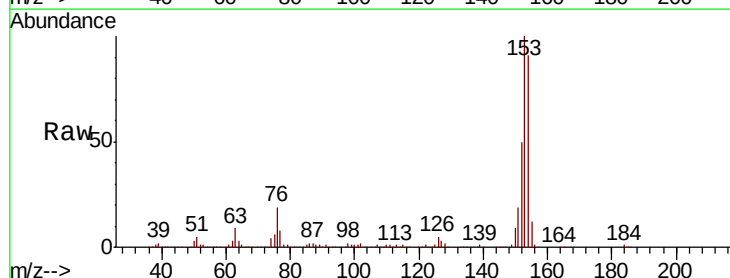
Acq: 8 Nov 2019 18:02

Tgt Ion:154 Resp: 1908640
Ion Ratio Lower Upper

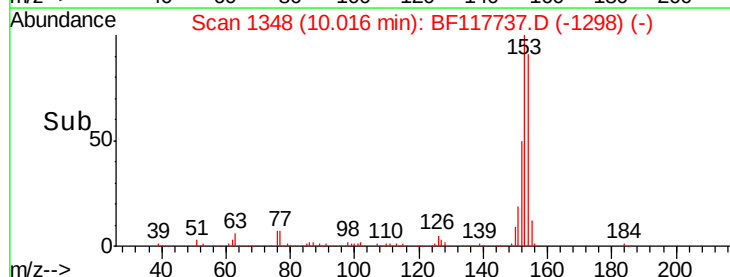
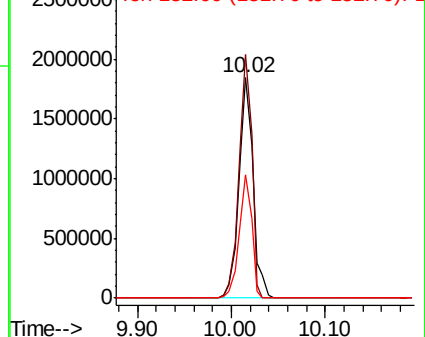
154 100

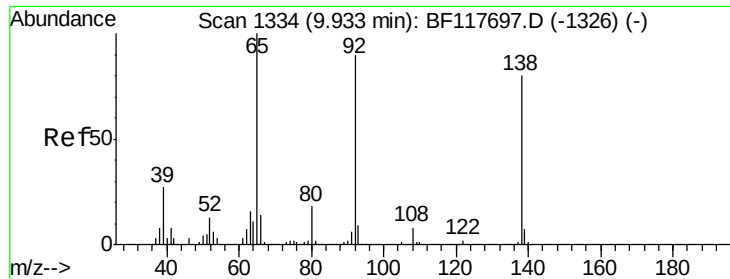
153 110.5 87.8 131.6

152 55.7 43.5 65.3



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





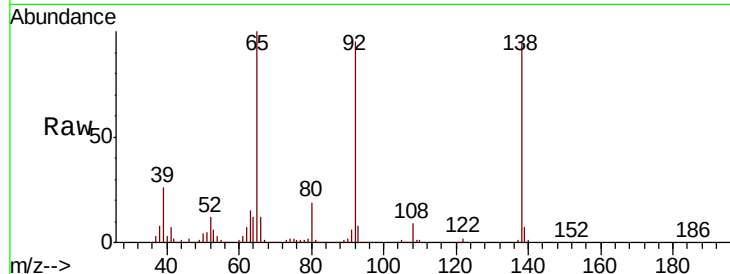
#53
3-Nitroaniline
Concen: 22.242 ng
RT: 9.93 min Scan# 1333
Delta R.T. -0.01 min
Lab File: BF117737.D
Acq: 8 Nov 2019 18:02

Instrument :
BNA_F
ClientSampleId :
PB124647BSD

Tot Ion	Ratio	Resp	Lower	Upper
138	100			
108	9.7	8.5	12.7	
92	101.7	89.8	134.8	

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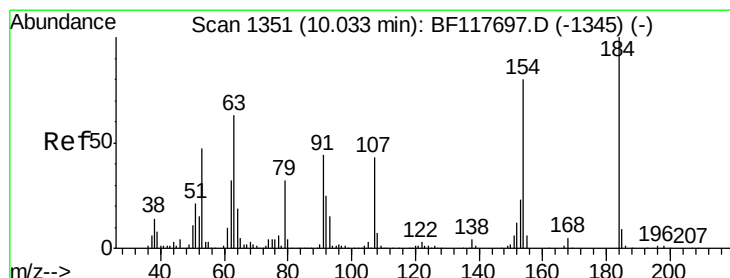
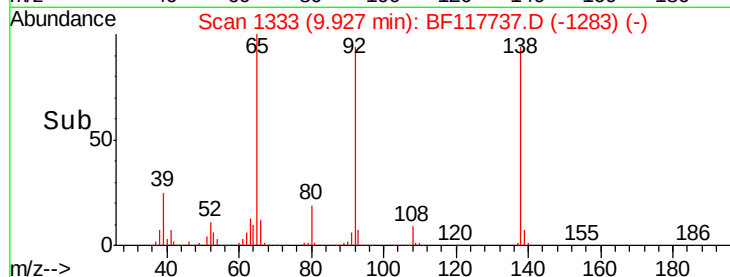
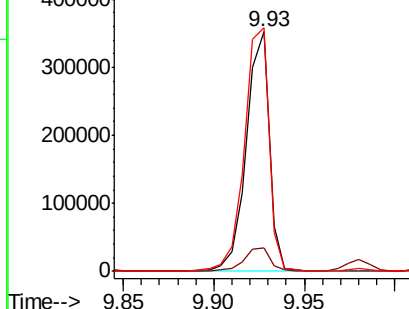


Abundance

Ion 138.00 (137.70 to 138.70): E

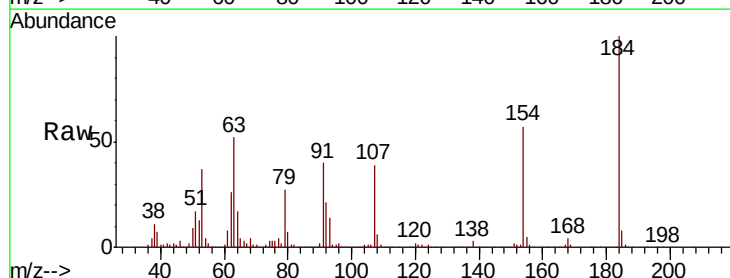
Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1



#54
2,4-Dinitrophenol
Concen: 78.082 ng
RT: 10.03 min Scan# 1351
Delta R.T. -0.00 min
Lab File: BF117737.D
Acq: 8 Nov 2019 18:02

Tgt Ion	Ratio	Resp	Lower	Upper
184	100			
63	52.1	51.4	77.0	
154	57.5	70.2	105.2	

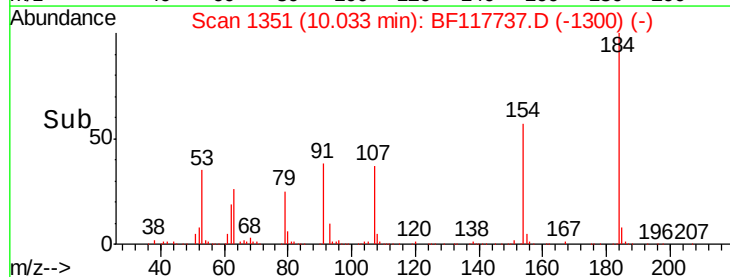
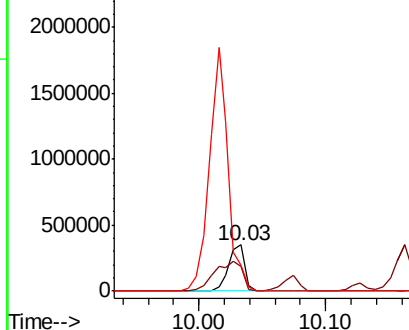


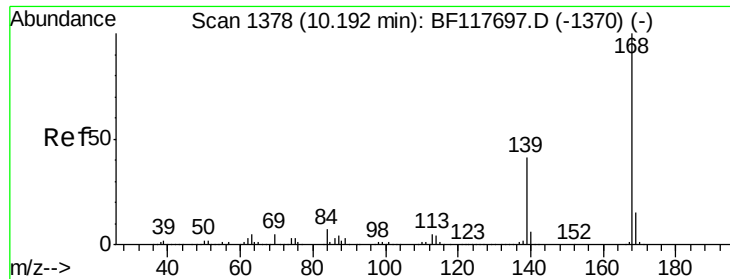
Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E





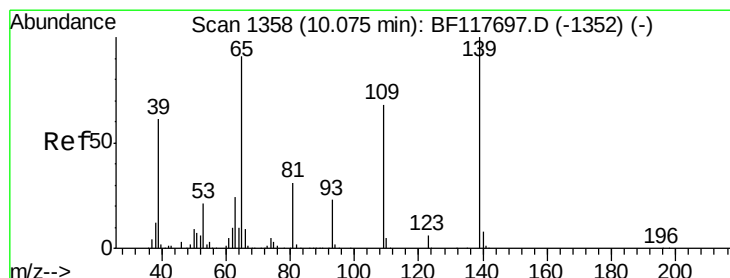
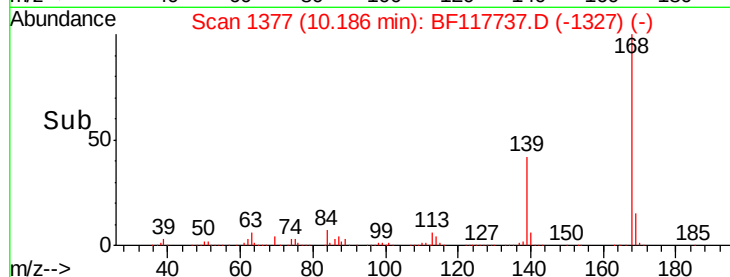
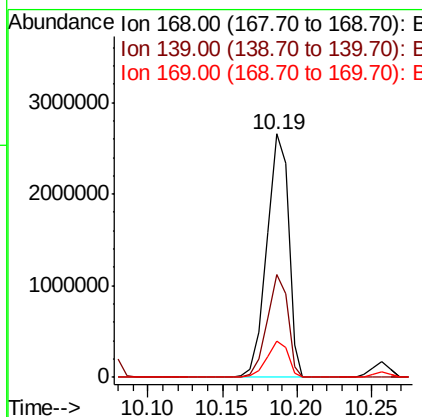
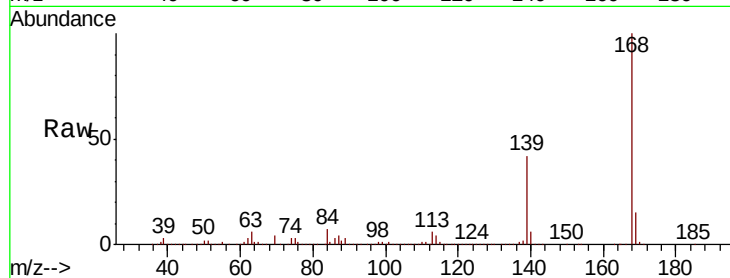
#55
Dibenzofuran
Concen: 45.400 ng
RT: 10.19 min Scan# 1377
Delta R.T. -0.01 min
Lab File: BF117737.D
Acq: 8 Nov 2019 18:02

Instrument :
BNA_F
ClientSampleId :
PB124647BSD

Tot Ion	Ratio	Lower	Upper
168	100		
139	42.4	33.2	49.8
169	15.1	11.7	17.5

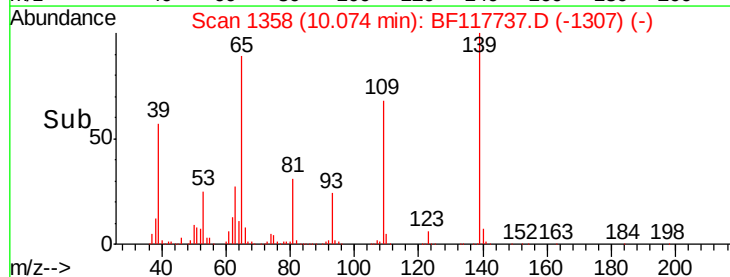
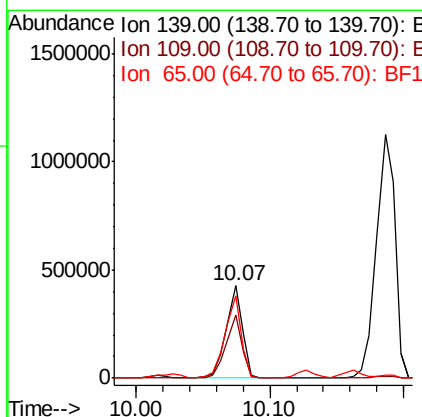
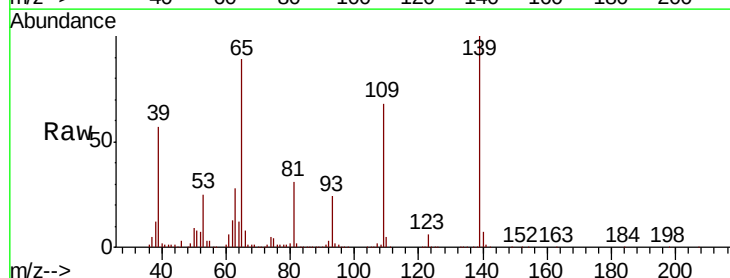
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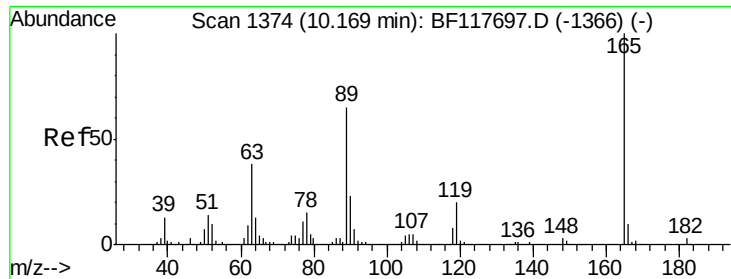
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#56
4-Nitrophenol
Concen: 35.511 ng
RT: 10.07 min Scan# 1358
Delta R.T. -0.00 min
Lab File: BF117737.D
Acq: 8 Nov 2019 18:02

Tgt Ion	Ratio	Lower	Upper
139	100		
109	68.4	47.7	87.7
65	88.8	71.9	111.9





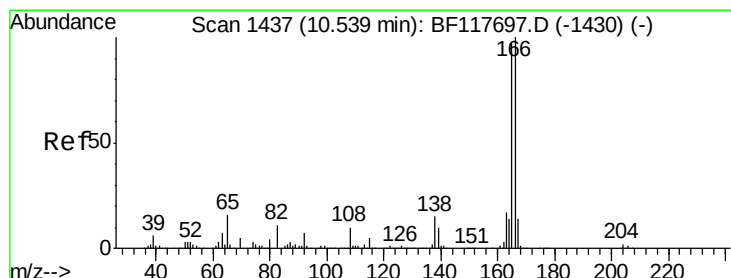
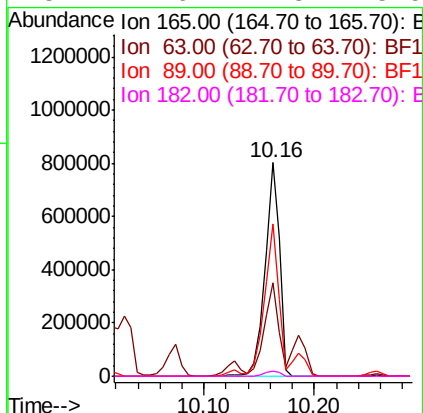
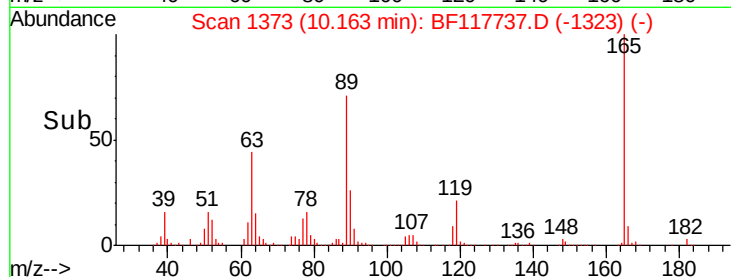
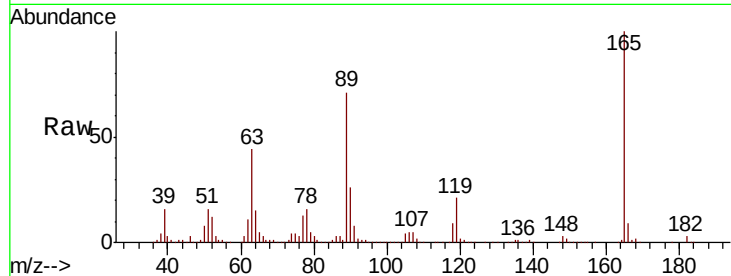
#57
2,4-Dinitrotoluene
Concen: 49.302 ng
RT: 10.16 min Scan# 1373
Delta R.T. -0.01 min
Lab File: BF117737.D
Acq: 8 Nov 2019 18:02

Instrument :
BNA_F
ClientSampleId :
PB124647BSD

Tot Ion	Ratio	Resp	Lower	Upper
165	100	735711		
63	43.7		30.4	45.6
89	71.2		52.2	78.4
182	2.6		2.3	3.5

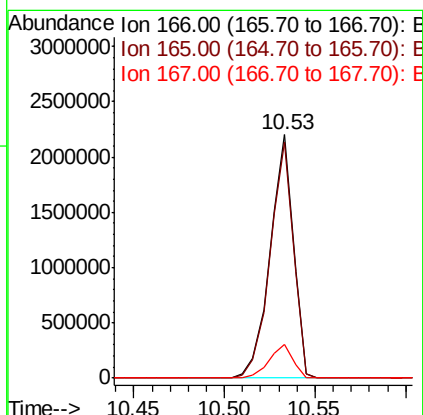
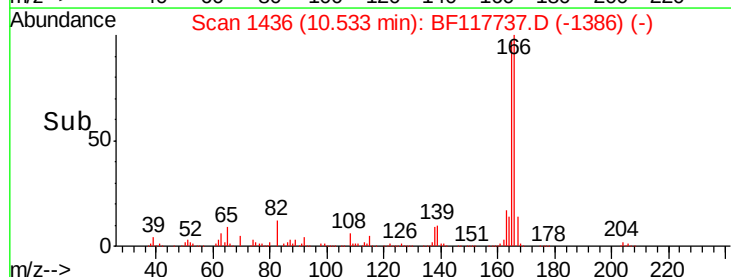
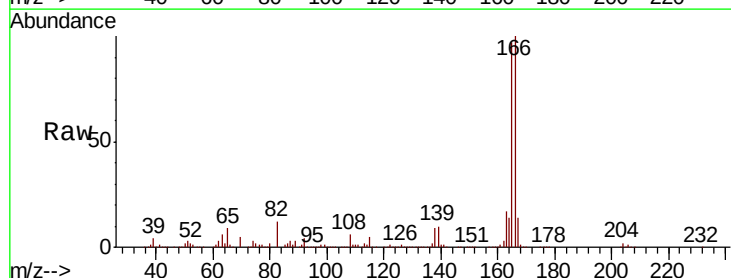
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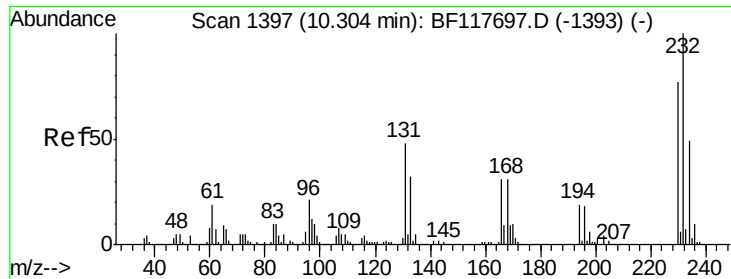
mohammad
11/11/2019 8:06:09 AM



#58
Fluorene
Concen: 45.281 ng
RT: 10.53 min Scan# 1436
Delta R.T. -0.01 min
Lab File: BF117737.D
Acq: 8 Nov 2019 18:02

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	1960005		
165	96.8		77.4	116.0
167	14.0		11.0	16.4





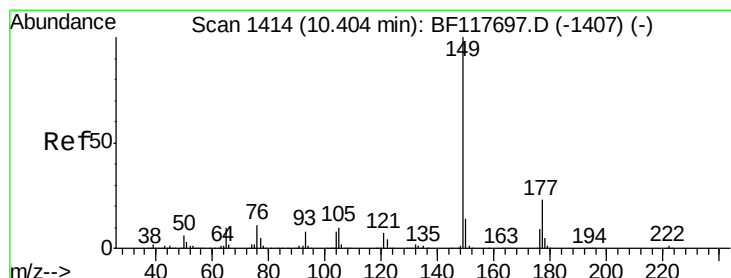
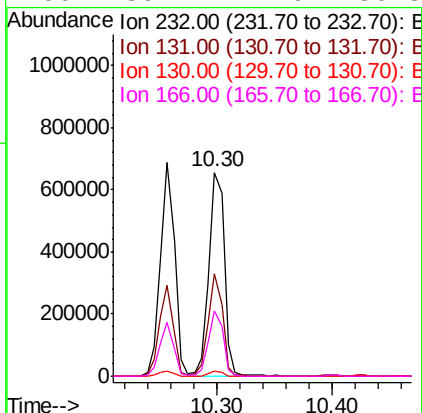
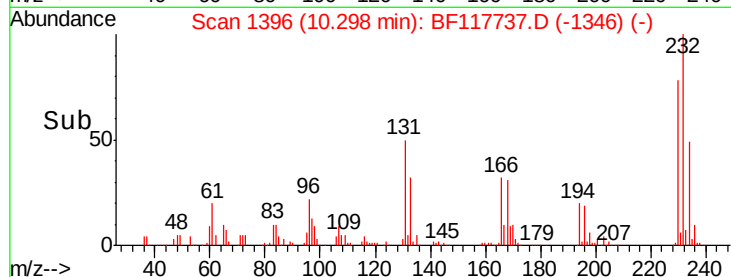
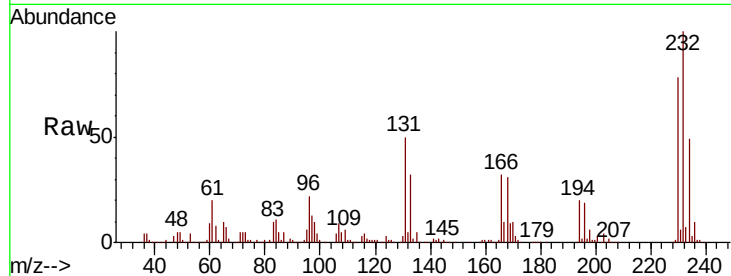
#59
2,3,4,6-Tetrachlorophenol
Concen: 47.681 ng
RT: 10.30 min Scan# 1396
Delta R.T. -0.01 min
Lab File: BF117737.D
Acq: 8 Nov 2019 18:02

Instrument :
BNA_F
ClientSampleId :
PB124647BSD

Tot Ion	Ratio	Lower	Upper
232	100		
131	46.5	37.8	56.8
130	2.4	1.9	2.9
166	30.4	24.6	36.8

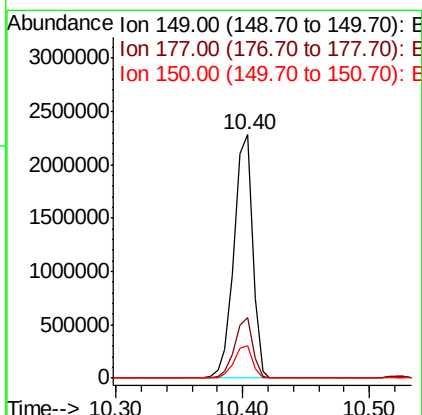
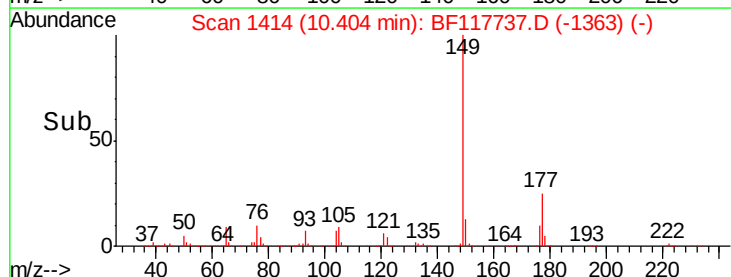
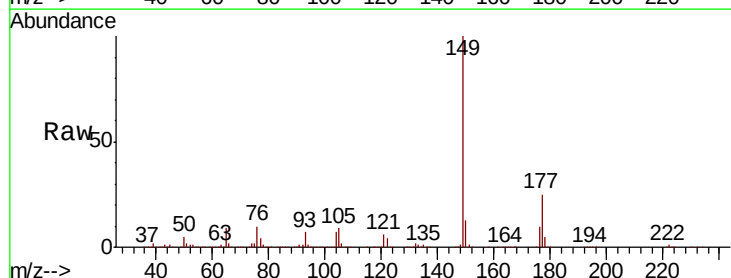
Manual Integrations
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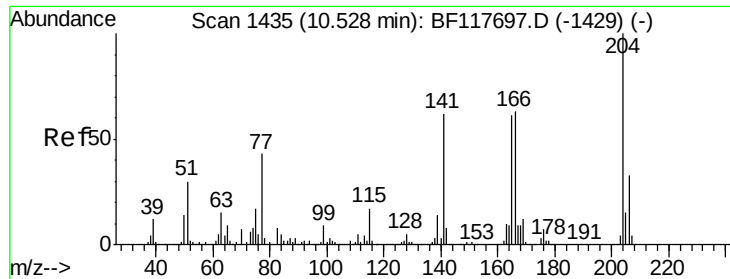
mohammad
11/11/2019 8:06:09 AM



#60
Diethylphthalate
Concen: 45.088 ng
RT: 10.40 min Scan# 1414
Delta R.T. -0.00 min
Lab File: BF117737.D
Acq: 8 Nov 2019 18:02

Tgt Ion	Ratio	Lower	Upper
149	100		
177	24.7	18.8	28.2
150	13.3	10.8	16.2





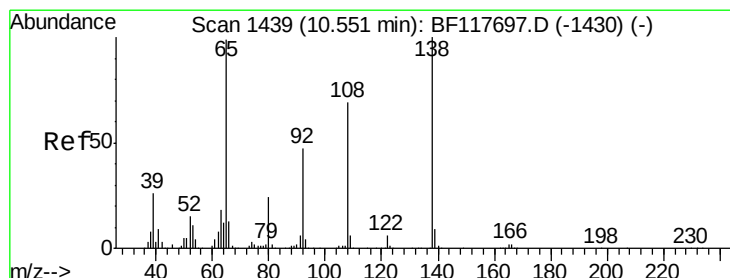
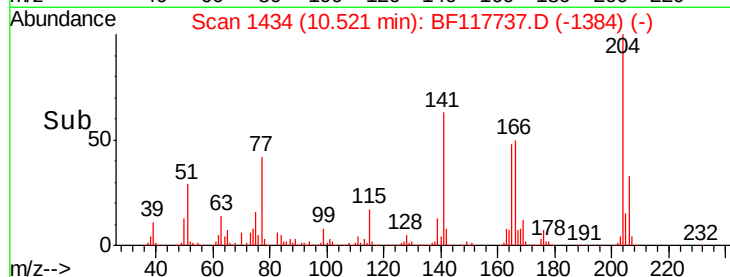
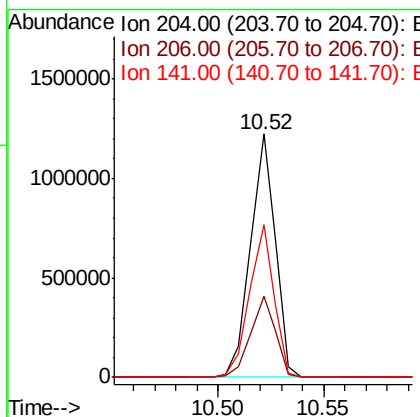
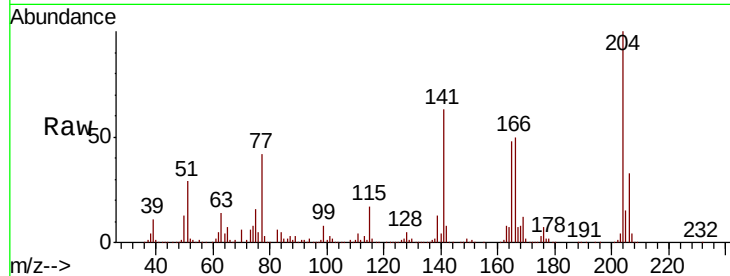
#61
4-Chlorophenyl-phenylether
Concen: 44.466 ng
RT: 10.52 min Scan# 1434
Delta R.T. -0.01 min
Lab File: BF117737.D
Acq: 8 Nov 2019 18:02

Instrument :
BNA_F
ClientSampleId :
PB124647BSD

Tot Ion	Ratio	Lower	Upper
204	100		
206	33.2	26.2	39.4
141	62.9	49.7	74.5

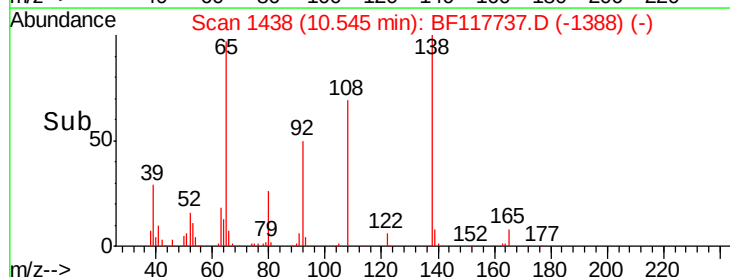
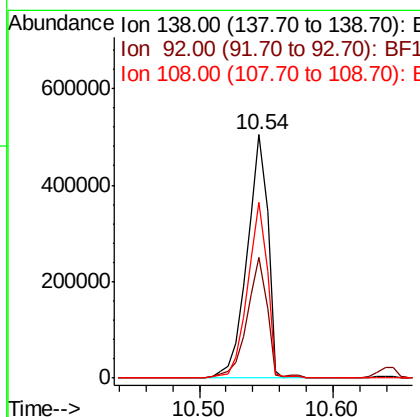
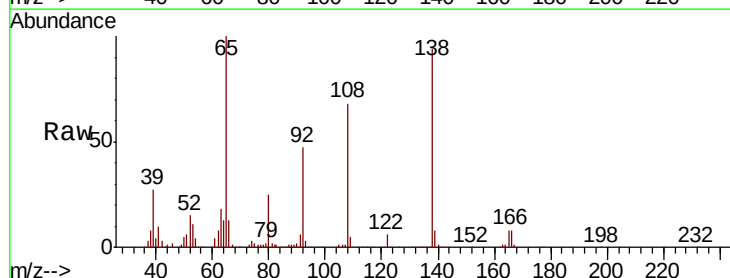
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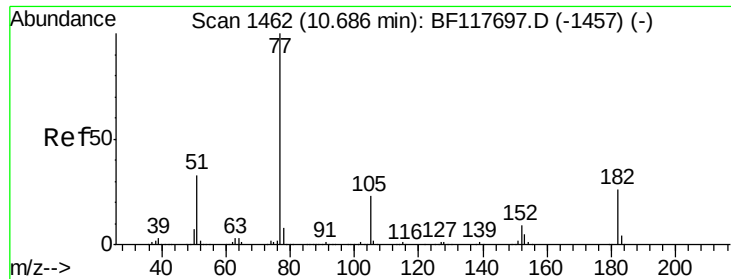
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#62
4-Nitroaniline
Concen: 38.813 ng
RT: 10.54 min Scan# 1438
Delta R.T. -0.01 min
Lab File: BF117737.D
Acq: 8 Nov 2019 18:02

Tgt Ion	Ratio	Lower	Upper
138	100		
92	49.7	26.9	66.9
108	72.4	49.1	89.1





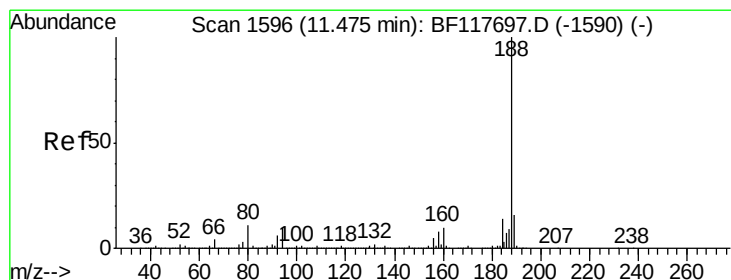
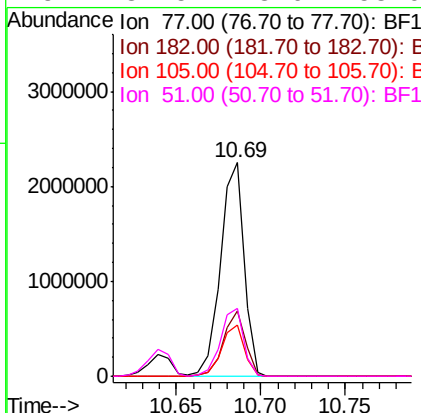
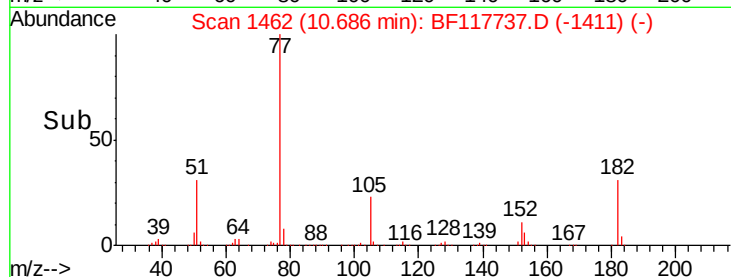
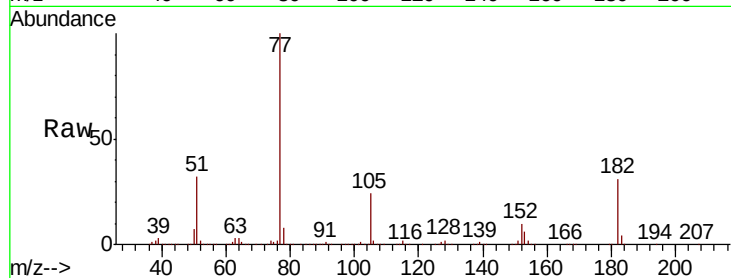
#63
Azobenzene
Concen: 45.072 ng
RT: 10.69 min Scan# 1462
Delta R.T. -0.00 min
Lab File: BF117737.D
Acq: 8 Nov 2019 18:02

Instrument :
BNA_F
ClientSampleId :
PB124647BSD

Tot Ion	Ratio	Lower	Upper
77	100		
182	30.6	6.0	46.0
105	24.0	2.8	42.8
51	31.5	13.0	53.0

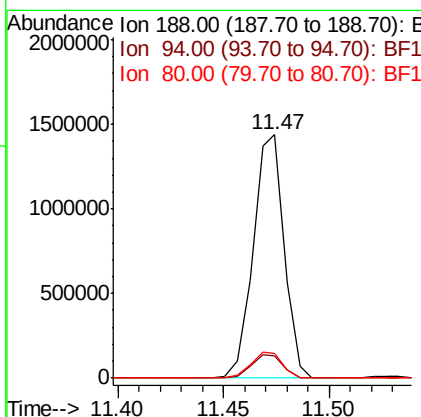
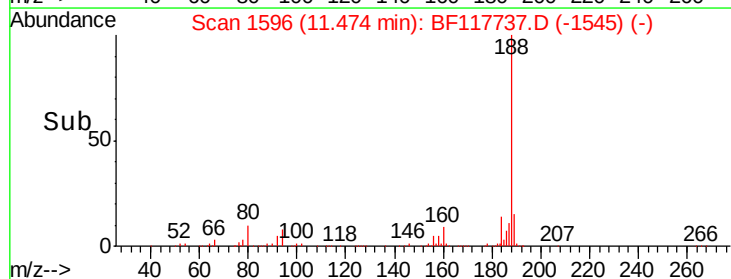
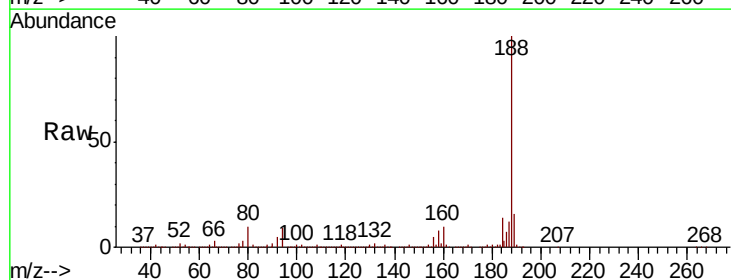
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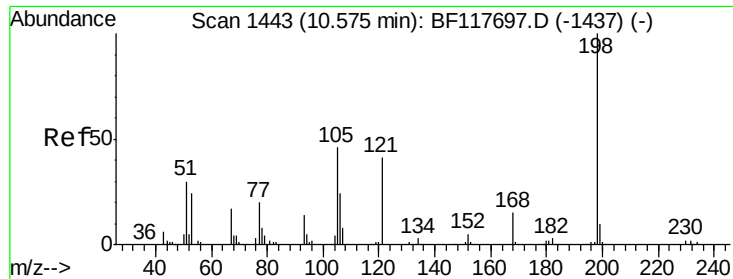
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.47 min Scan# 1596
Delta R.T. -0.00 min
Lab File: BF117737.D
Acq: 8 Nov 2019 18:02

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.2	8.2	12.4
80	10.0	8.6	13.0





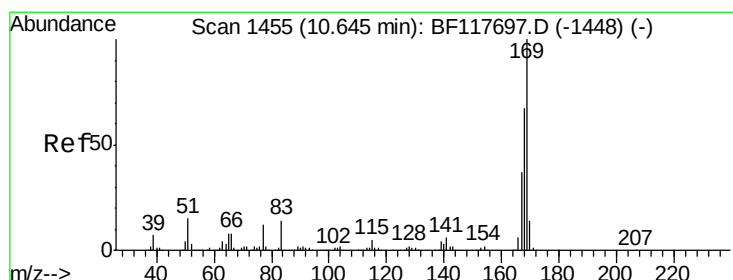
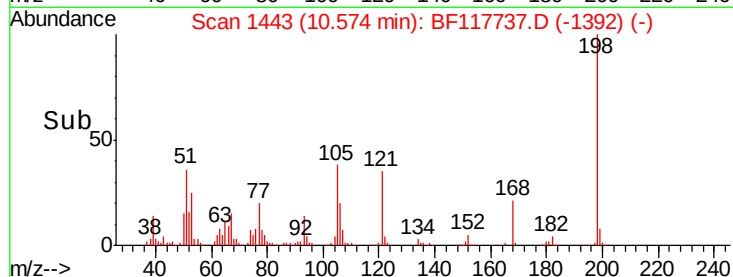
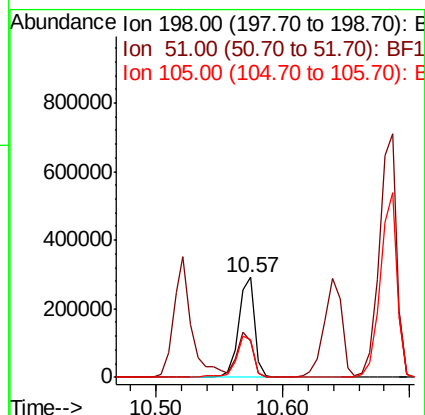
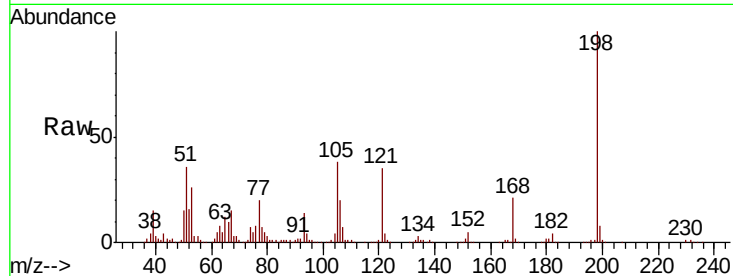
#65
4,6-Dinitro-2-methylphenol
Concen: 42.509 ng
RT: 10.57 min Scan# 1443
Delta R.T. -0.00 min
Lab File: BF117737.D
Acq: 8 Nov 2019 18:02

Instrument :
BNA_F
ClientSampleId :
PB124647BSD

Tot Ion	Ratio	Resp	Lower	Upper
198	100	247800		
51	35.8	28.1	68.1	
105	38.1	27.3	67.3	

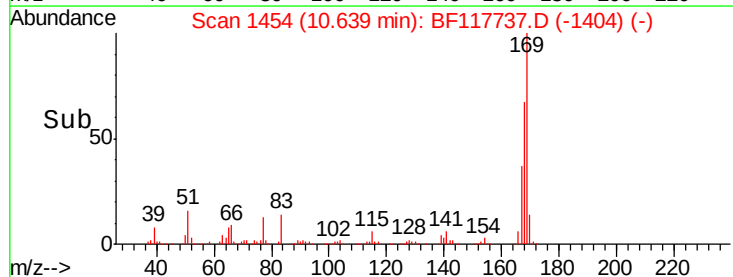
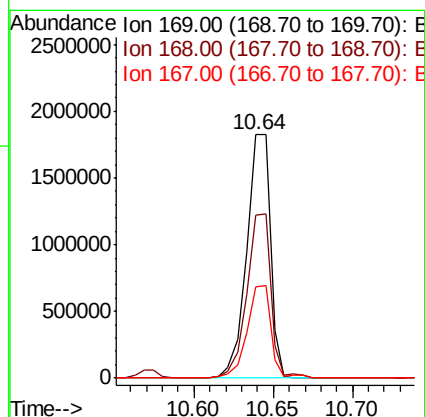
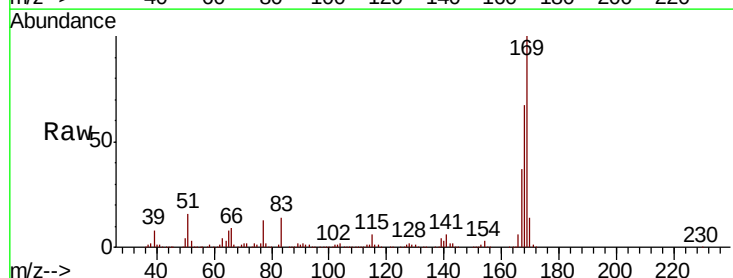
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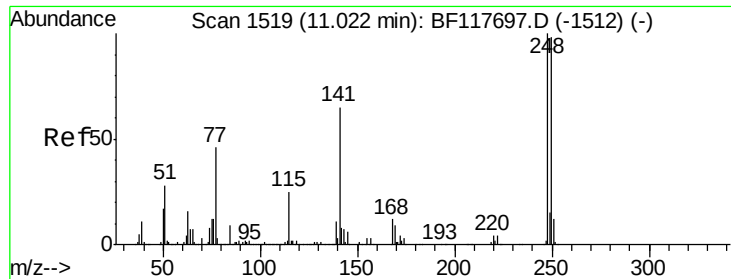
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#66
n-Nitrosodiphenylamine
Concen: 43.953 ng
RT: 10.64 min Scan# 1454
Delta R.T. -0.01 min
Lab File: BF117737.D
Acq: 8 Nov 2019 18:02

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	1895123		
168	66.8	53.8	80.8	
167	37.4	29.9	44.9	





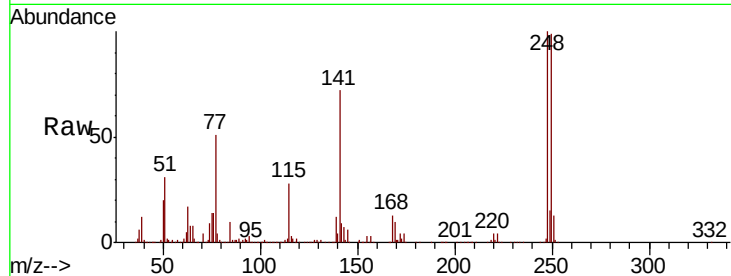
#67
4-Bromophenyl-phenylether
Concen: 43.143 ng
RT: 11.02 min Scan# 1518
Delta R.T. -0.01 min
Lab File: BF117737.D
Acq: 8 Nov 2019 18:02

Instrument :
BNA_F
ClientSampleID :
PB124647BSD

Tot Ion	Ratio	Lower	Upper
248	100		
250	98.6	78.7	118.1
141	71.7	51.8	77.8

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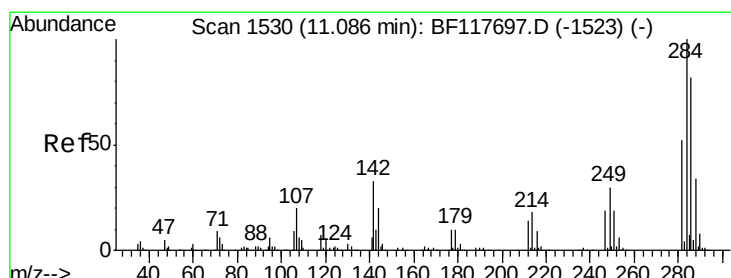
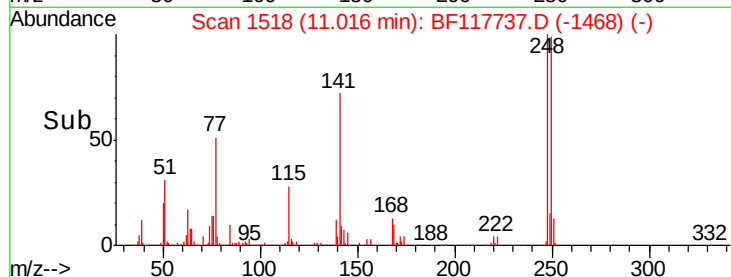
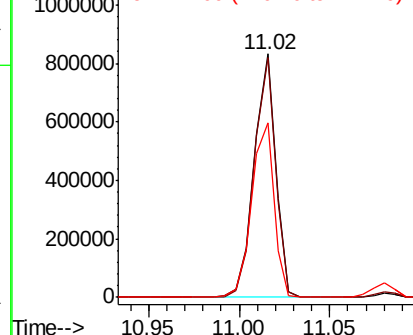


Abundance

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: 42.462 ng
RT: 11.08 min Scan# 1529
Delta R.T. -0.01 min
Lab File: BF117737.D
Acq: 8 Nov 2019 18:02

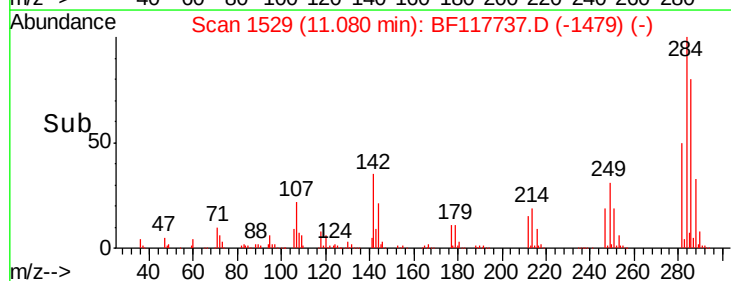
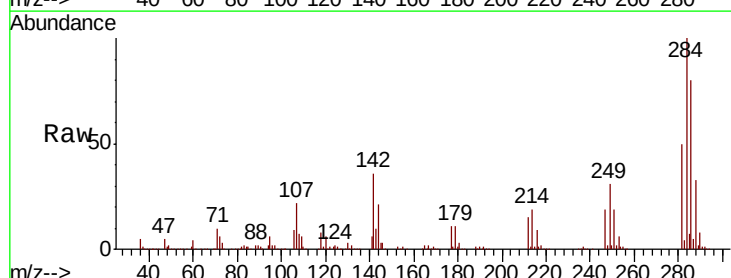
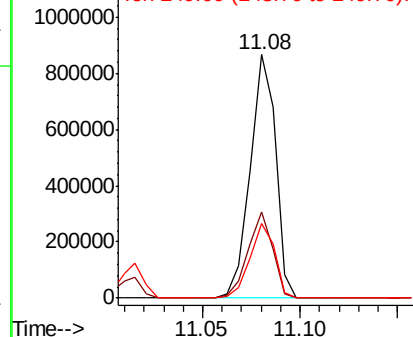
Tgt Ion	Ratio	Lower	Upper
284	100		
142	35.6	26.6	39.8
249	30.6	24.4	36.6

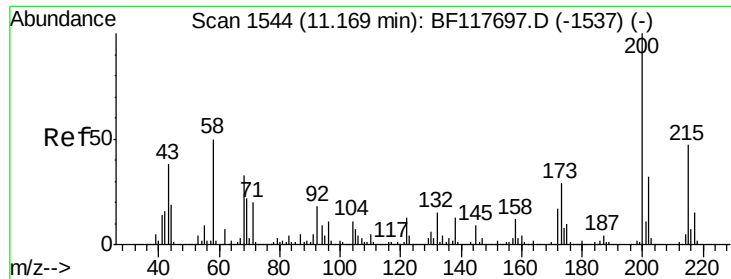
Abundance

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





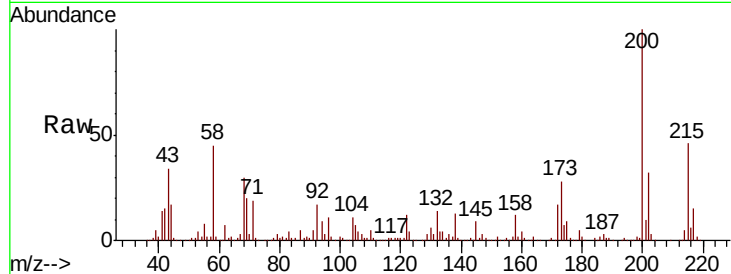
#69
 Atrazine
 Concen: 49.566 ng
 RT: 11.17 min Scan# 1544
 Delta R.T. -0.00 min
 Lab File: BF117737.D
 Acq: 8 Nov 2019 18:02

Instrument :
 BNA_F
 ClientSampleId :
 PB124647BSD

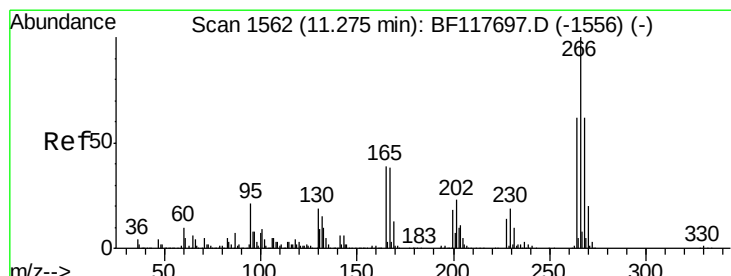
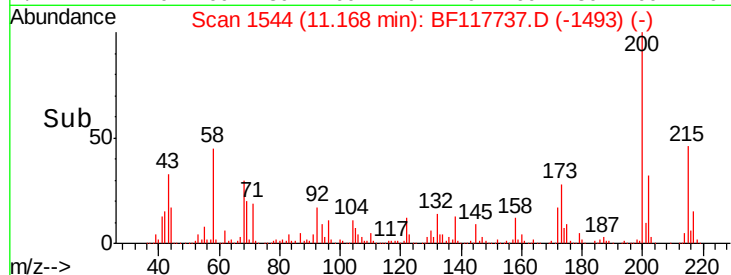
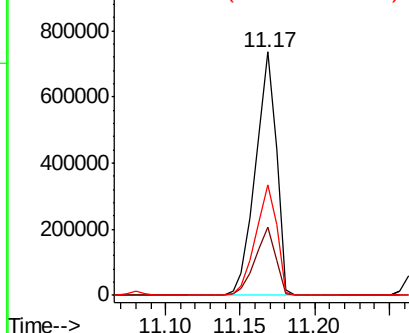
Tot Ion	Ratio	Lower	Upper
200	100		
173	28.1	8.5	48.5
215	45.6	27.4	67.4

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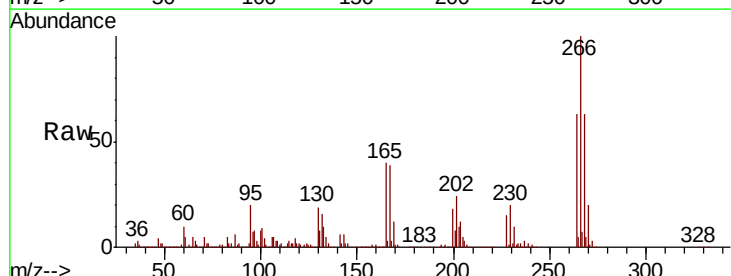


Abundance Ion 200.00 (199.70 to 200.70): E
 Ion 173.00 (172.70 to 173.70): E
 Ion 215.00 (214.70 to 215.70): E

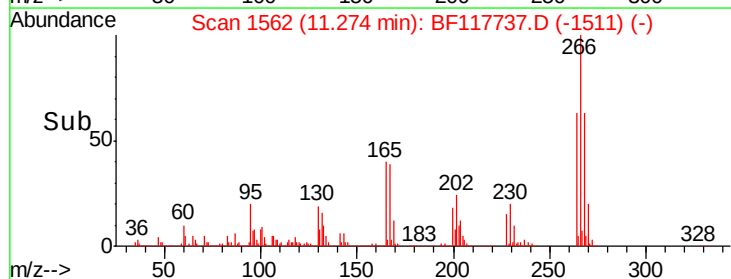
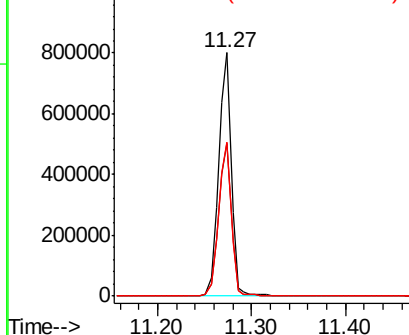


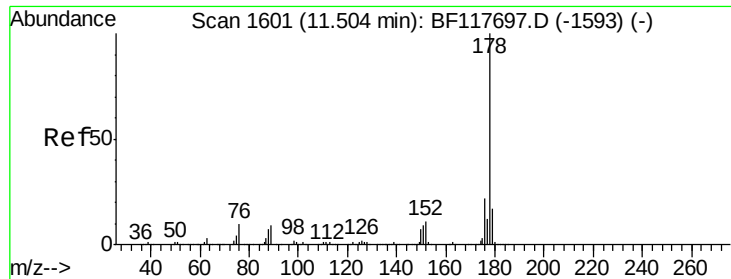
#70
 Pentachlorophenol
 Concen: 74.176 ng
 RT: 11.27 min Scan# 1562
 Delta R.T. -0.00 min
 Lab File: BF117737.D
 Acq: 8 Nov 2019 18:02

Tgt Ion	Ratio	Lower	Upper
266	100		
268	62.7	49.8	74.6
264	63.2	49.7	74.5



Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 43.361 ng

RT: 11.50 min Scan# 1600

Delta R.T. -0.01 min

Lab File: BF117737.D

Acq: 8 Nov 2019 18:02

Instrument :

BNA_F

ClientSampleId :

PB124647BSD

Tot Ion:178 Resp: 3034123

Ion Ratio Lower Upper

178 100

176 22.6 17.7 26.5

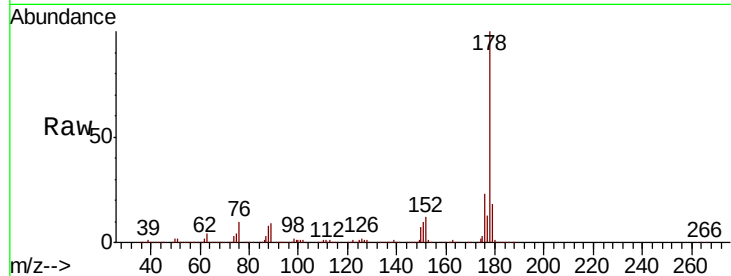
179 17.9 13.8 20.8

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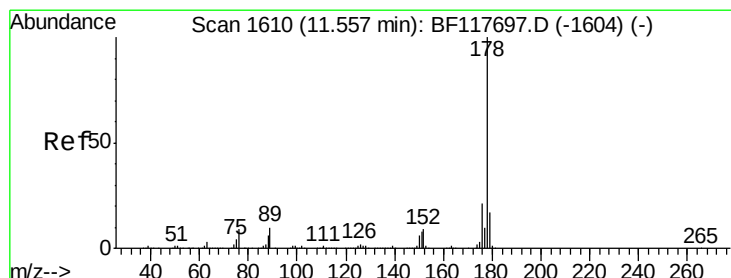
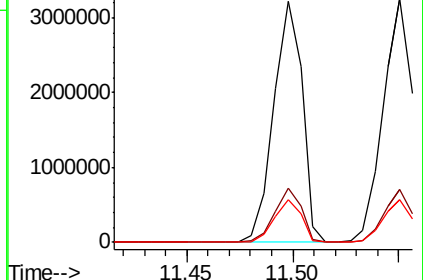
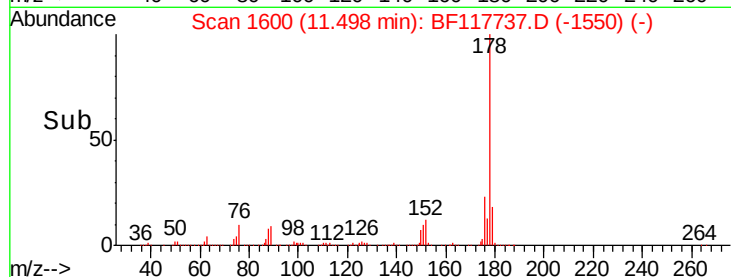
11/11/2019 8:06:09 AM



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 44.826 ng

RT: 11.55 min Scan# 1609

Delta R.T. -0.01 min

Lab File: BF117737.D

Acq: 8 Nov 2019 18:02

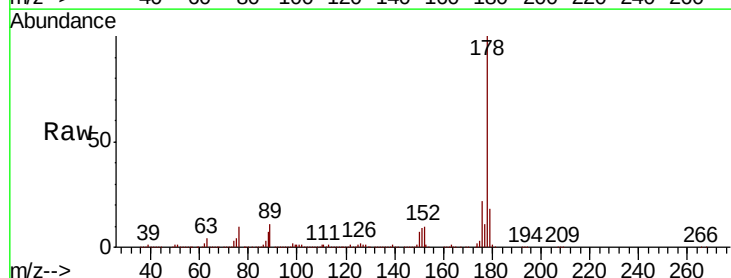
Tgt Ion:178 Resp: 3120602

Ion Ratio Lower Upper

178 100

176 21.8 16.6 25.0

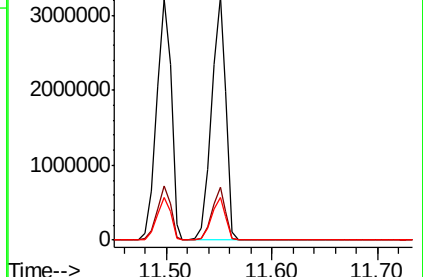
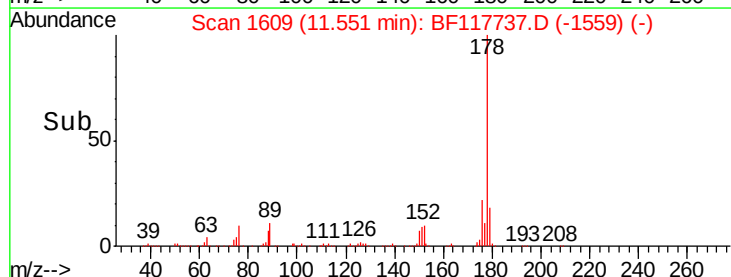
179 17.8 13.5 20.3

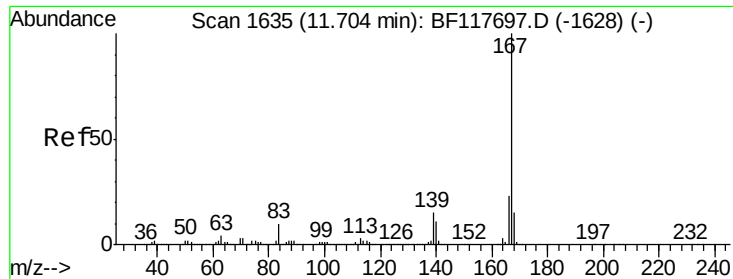


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





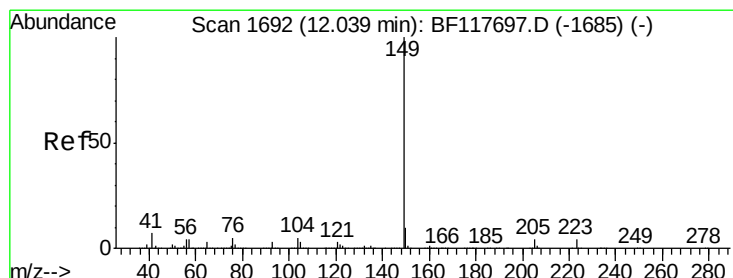
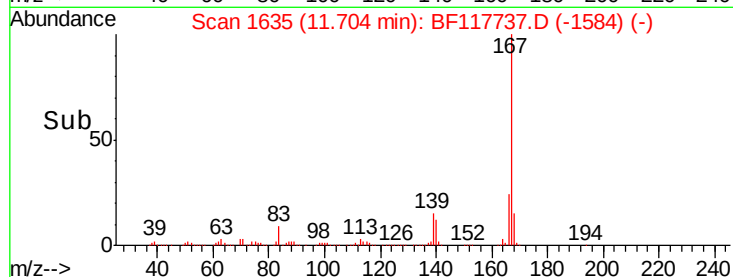
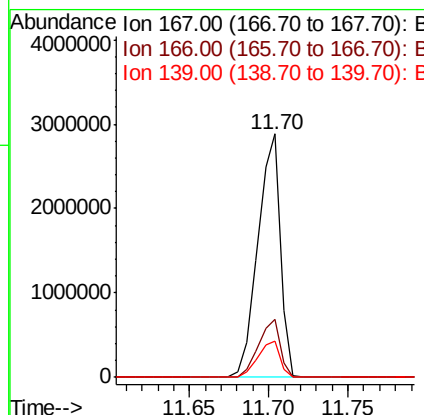
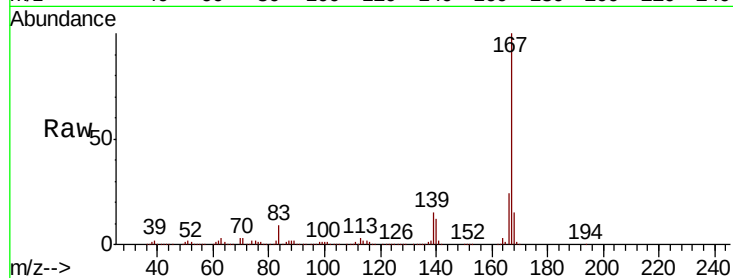
#73
 Carbazole
 Concen: 44.861 ng
 RT: 11.70 min Scan# 1635
 Delta R.T. -0.00 min
 Lab File: BF117737.D
 Acq: 8 Nov 2019 18:02

Instrument :
 BNA_F
 ClientSampleId :
 PB124647BSD

Tot Ion	Ratio	Lower	Upper
167	100		
166	23.8	18.6	27.8
139	15.2	11.9	17.9

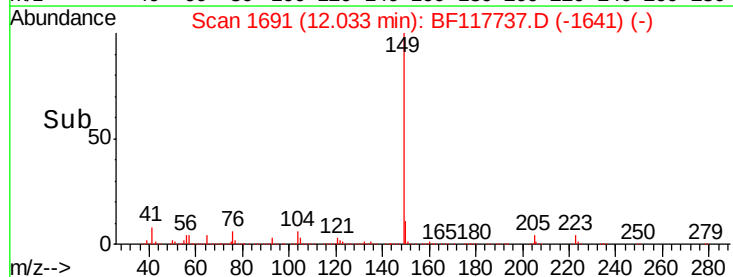
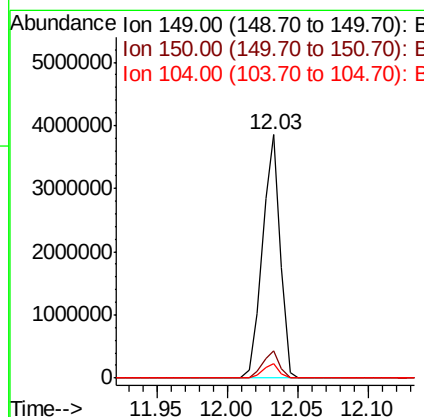
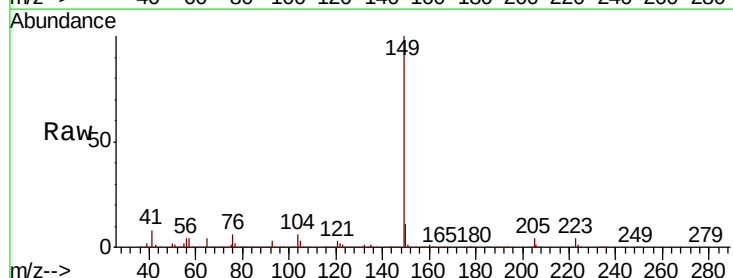
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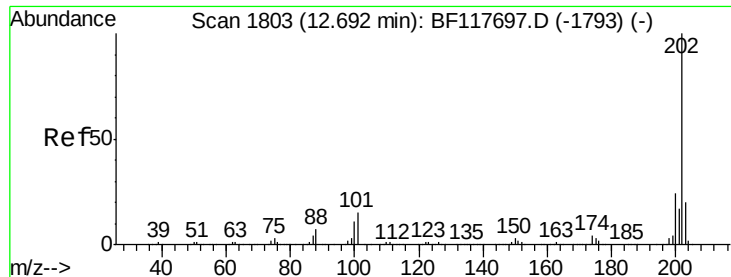
mohammad
 11/11/2019 8:06:09 AM



#74
 Di-n-butylphthalate
 Concen: 44.211 ng
 RT: 12.03 min Scan# 1691
 Delta R.T. -0.01 min
 Lab File: BF117737.D
 Acq: 8 Nov 2019 18:02

Tgt Ion	Ratio	Lower	Upper
149	100		
150	11.0	8.3	12.5
104	6.0	4.2	6.4





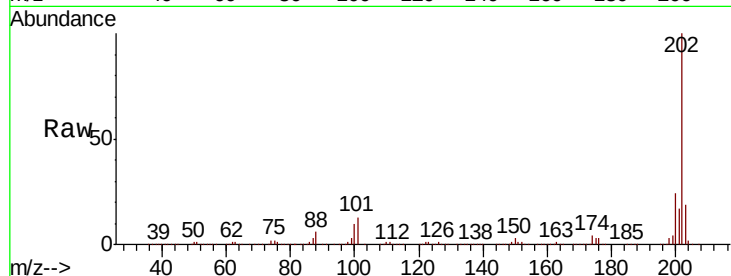
#75
 Fluoranthene
 Concen: 43.466 ng
 RT: 12.69 min Scan# 1803
 Delta R.T. -0.00 min
 Lab File: BF117737.D
 Acq: 8 Nov 2019 18:02

Instrument :
 BNA_F
 ClientSampleId :
 PB124647BSD

Tot Ion	Ratio	Lower	Upper
202	100		
101	12.8	0.0	34.5
203	19.5	0.0	39.8

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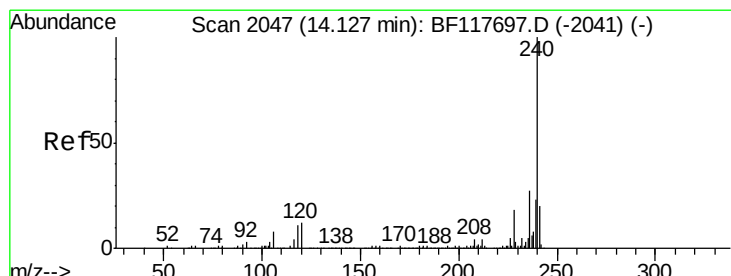
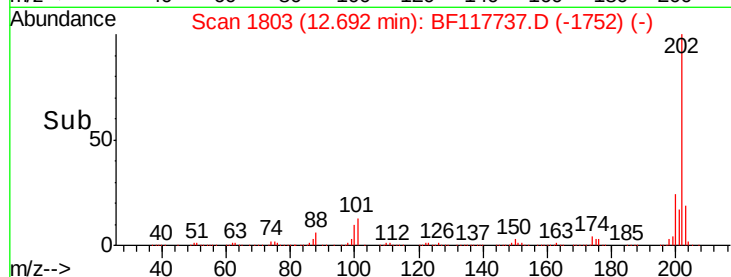
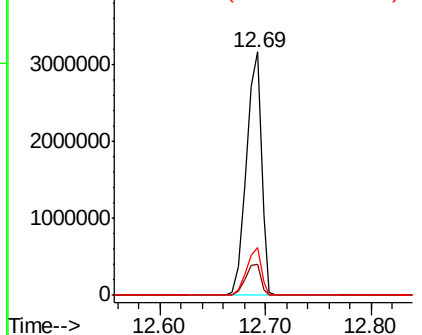


Abundance

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: 14.12 min Scan# 2046
 Delta R.T. -0.01 min
 Lab File: BF117737.D
 Acq: 8 Nov 2019 18:02

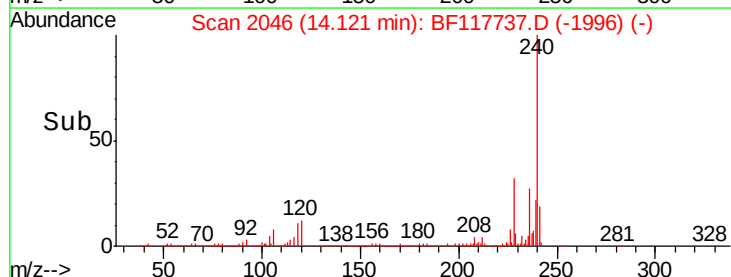
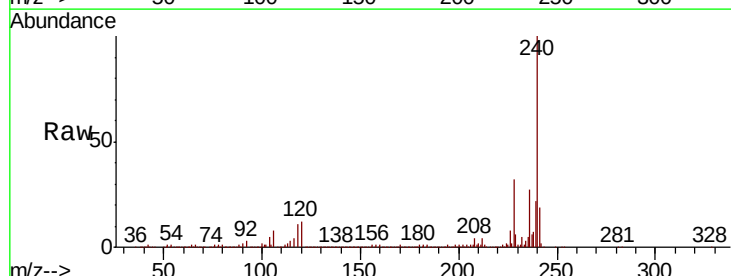
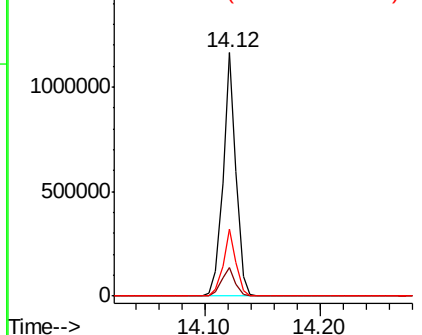
Tgt Ion	Ratio	Lower	Upper
240	100		
120	11.9	9.7	14.5
236	27.3	21.9	32.9

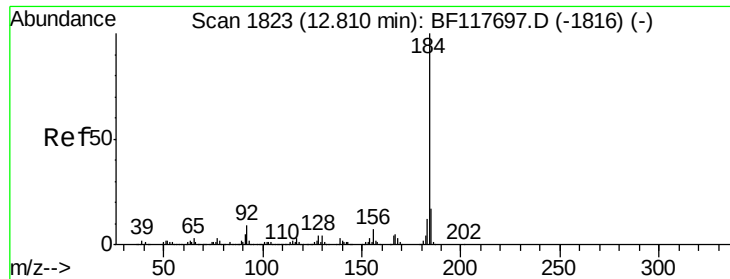
Abundance

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: 25.084 ng

RT: 12.80 min Scan# 1822

Delta R.T. -0.01 min

Lab File: BF117737.D

Acq: 8 Nov 2019 18:02

Instrument :

BNA_F

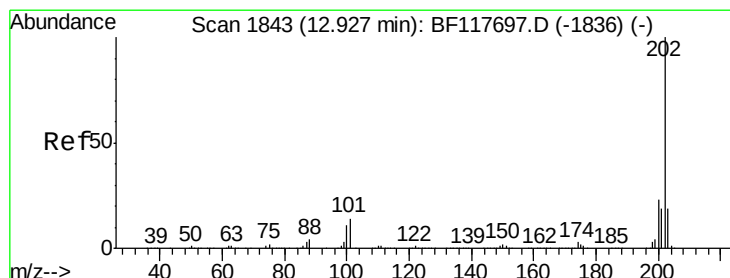
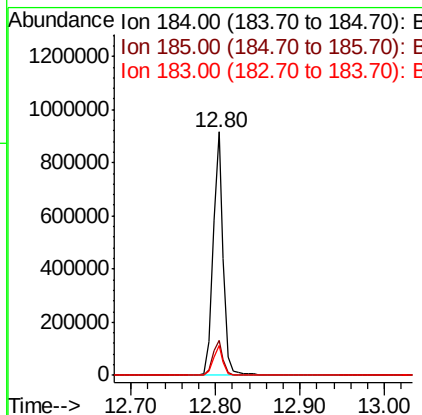
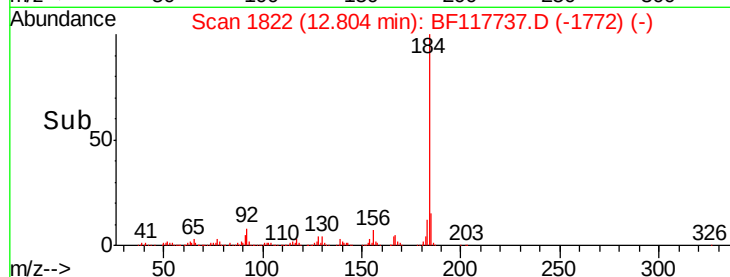
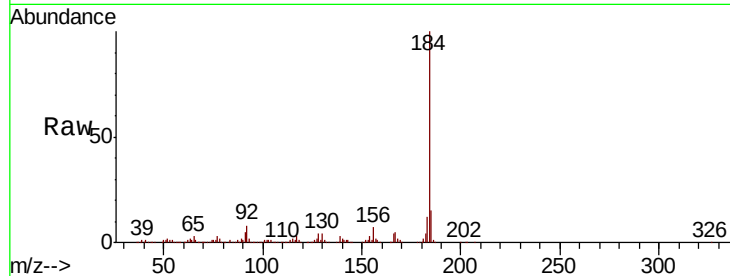
ClientSampleId :

PB124647BSD

Tot Ion:	184	Resp:	783695
Ion Ratio	Lower	Upper	
184	100		
185	14.5	13.3	19.9
183	12.2	9.6	14.4

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#78

Pyrene

Concen: 48.307 ng

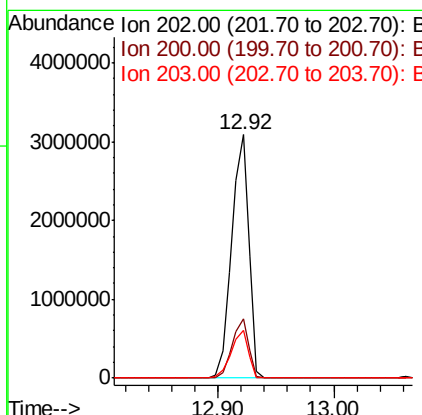
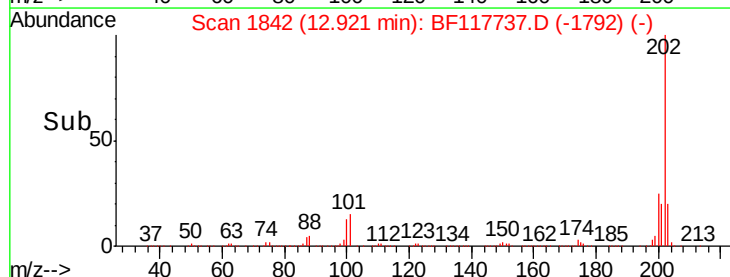
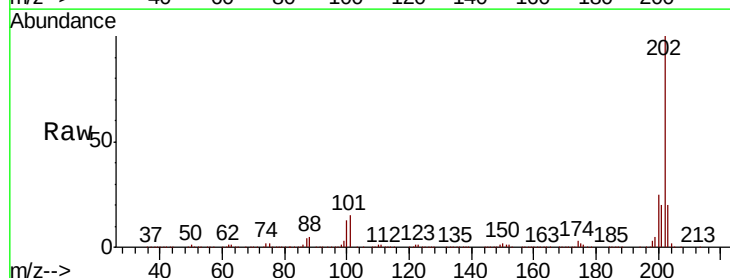
RT: 12.92 min Scan# 1842

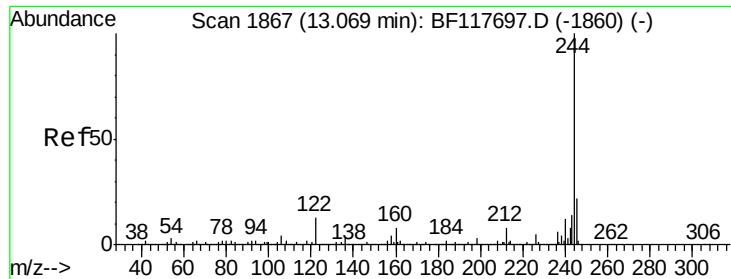
Delta R.T. -0.01 min

Lab File: BF117737.D

Acq: 8 Nov 2019 18:02

Tgt Ion:	202	Resp:	3168899
Ion Ratio	Lower	Upper	
202	100		
200	24.5	18.8	28.2
203	19.9	15.2	22.8





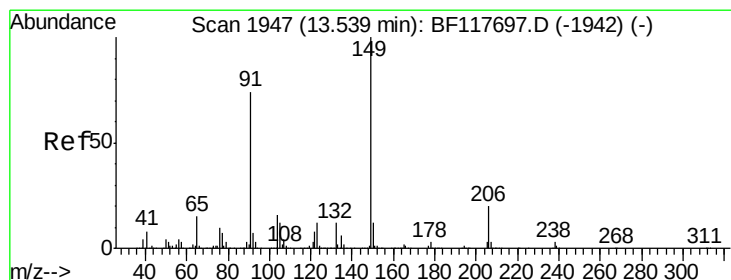
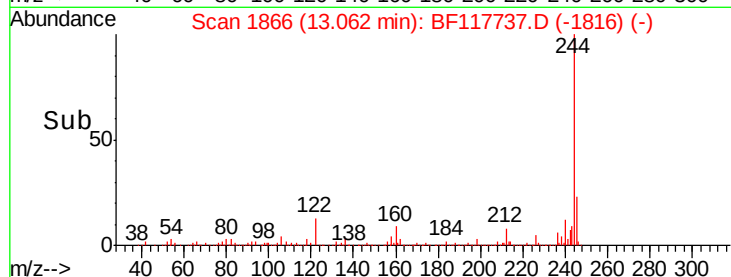
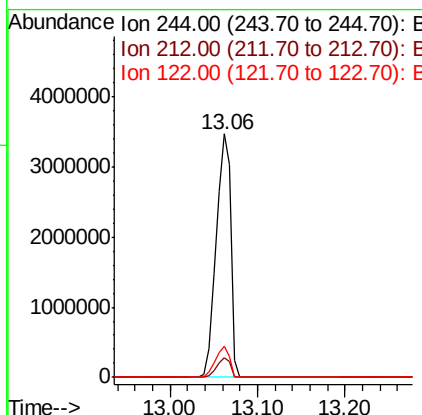
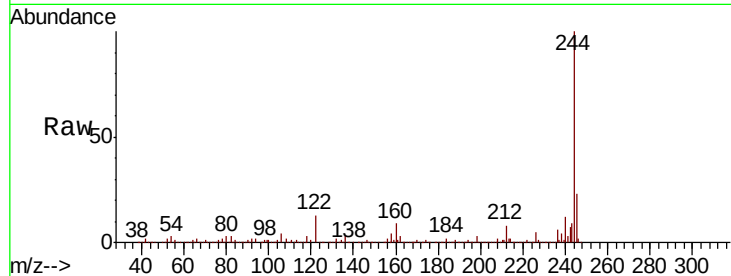
#79
 Terphenyl-d14
 Concen: 92.142 ng
 RT: 13.06 min Scan# 1866
 Delta R.T. -0.01 min
 Lab File: BF117737.D
 Acq: 8 Nov 2019 18:02

Instrument :
 BNA_F
 ClientSampleId :
 PB124647BSD

Tot Ion:244 Resp: 4022245
 Ion Ratio Lower Upper
 244 100
 212 8.1 6.4 9.6
 122 12.7 10.0 15.0

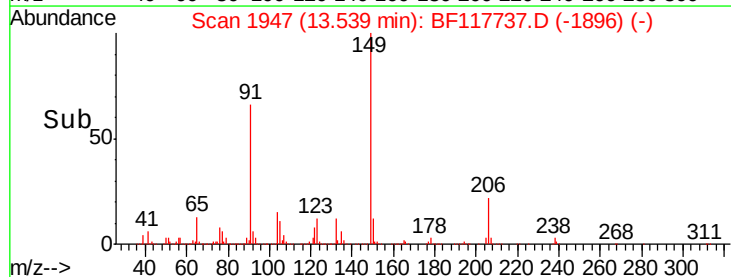
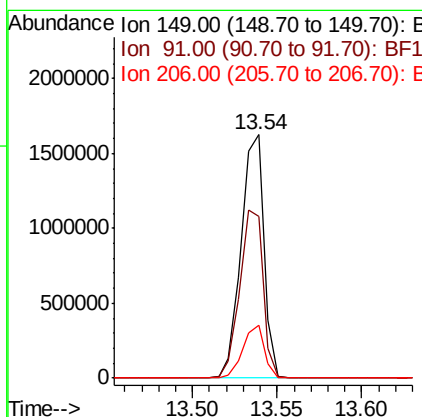
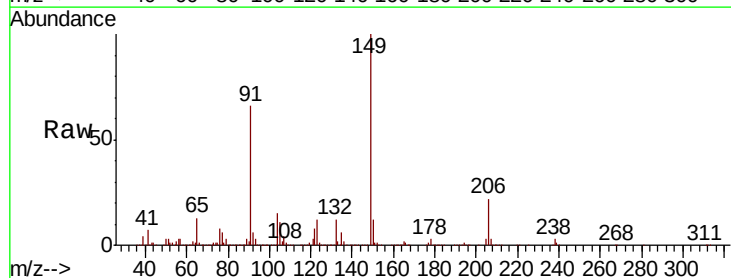
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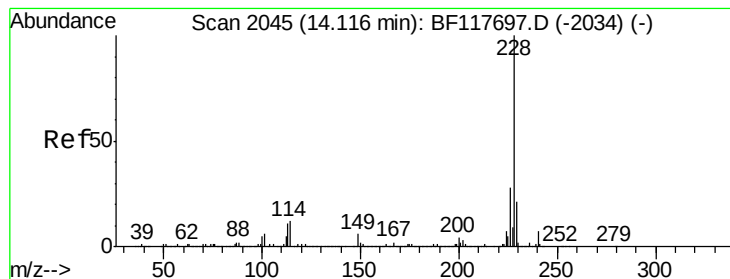
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#80
 Butylbenzylphthalate
 Concen: 50.788 ng
 RT: 13.54 min Scan# 1947
 Delta R.T. -0.00 min
 Lab File: BF117737.D
 Acq: 8 Nov 2019 18:02

Tgt Ion:149 Resp: 1538876
 Ion Ratio Lower Upper
 149 100
 91 66.5 59.1 88.7
 206 21.7 16.1 24.1





#81

Benzo(a)anthracene

Concen: 43.977 ng

RT: 14.11 min Scan# 2044

Delta R.T. -0.01 min

Lab File: BF117737.D

Acq: 8 Nov 2019 18:02

Instrument :

BNA_F

ClientSampleId :

PB124647BSD

Tot Ion:228 Resp: 2459921

Ion Ratio Lower Upper

228 100

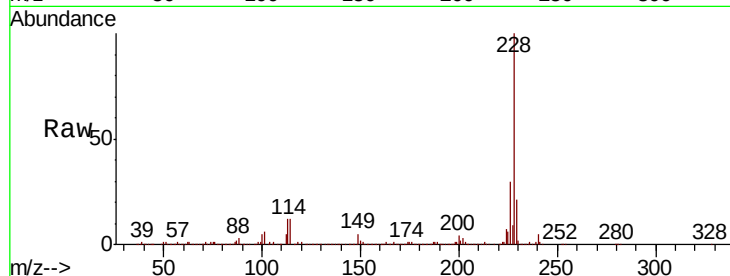
226 29.5 22.8 34.2

229 21.2 16.9 25.3

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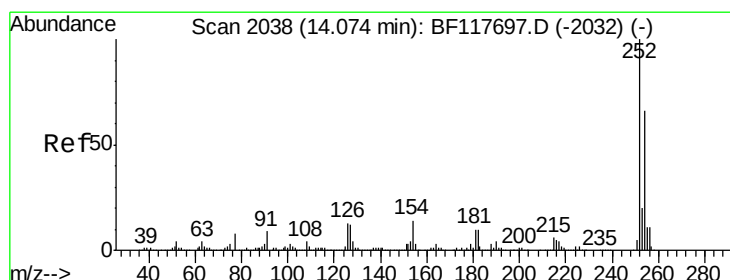
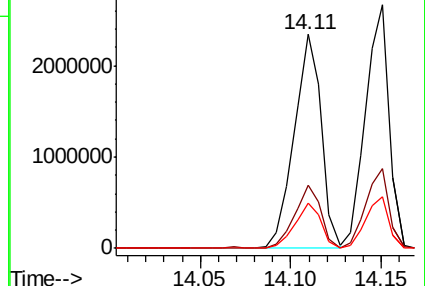
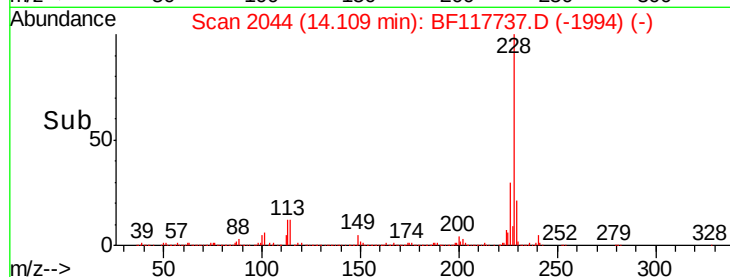
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Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 35.275 ng

RT: 14.07 min Scan# 2037

Delta R.T. -0.01 min

Lab File: BF117737.D

Acq: 8 Nov 2019 18:02

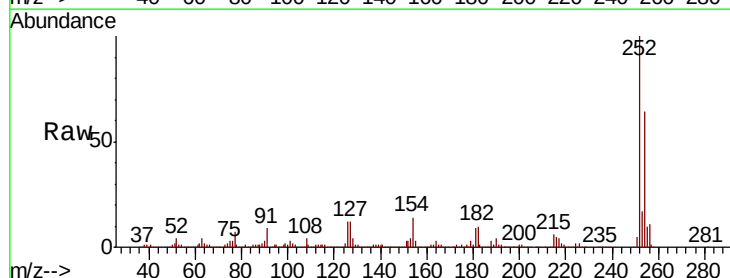
Tgt Ion:252 Resp: 736922

Ion Ratio Lower Upper

252 100

254 63.7 53.1 79.7

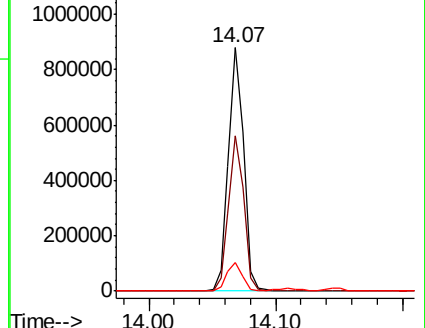
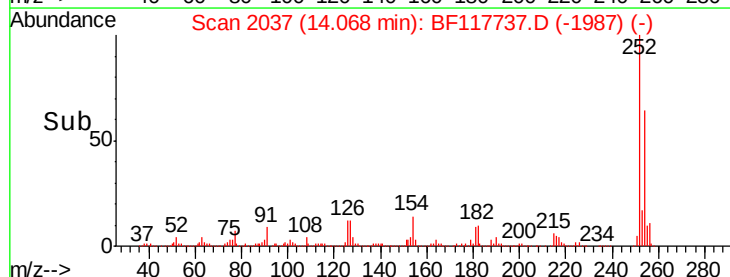
126 12.0 10.3 15.5

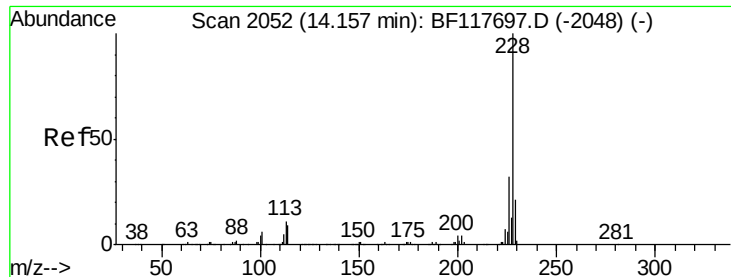


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





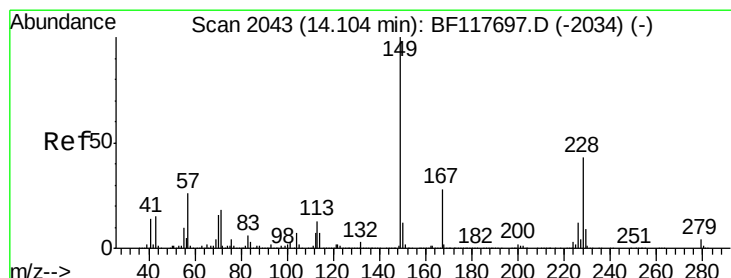
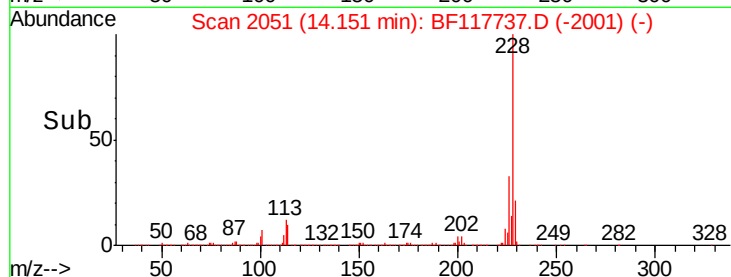
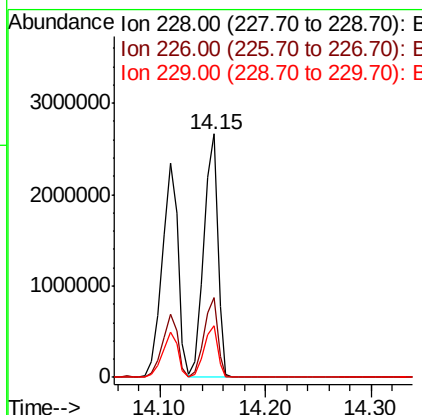
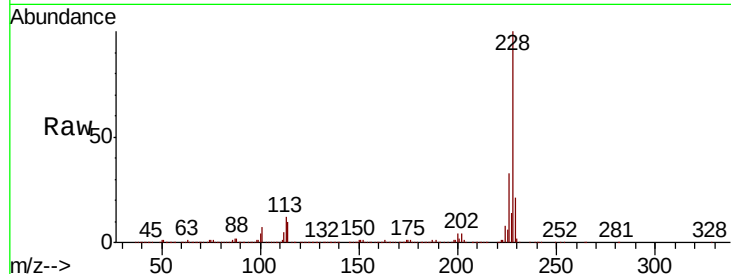
#83
Chrysene
Concen: 44.063 ng
RT: 14.15 min Scan# 2051
Delta R.T. -0.01 min
Lab File: BF117737.D
Acq: 8 Nov 2019 18:02

Instrument :
BNA_F
ClientSampleId :
PB124647BSD

Tot Ion:228 Resp: 2434021
Ion Ratio Lower Upper
228 100
226 32.5 25.4 38.2
229 21.2 16.6 24.8

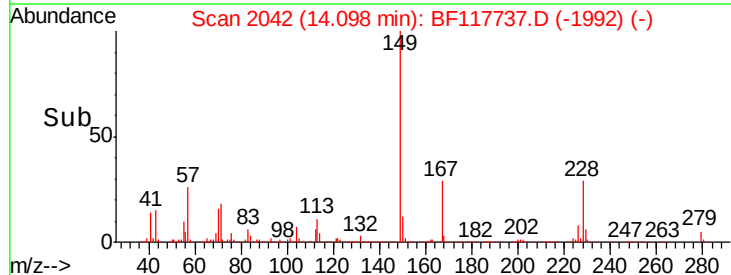
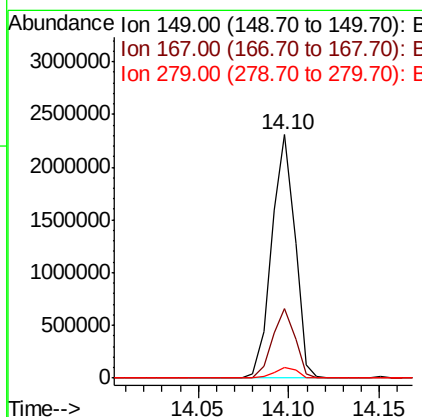
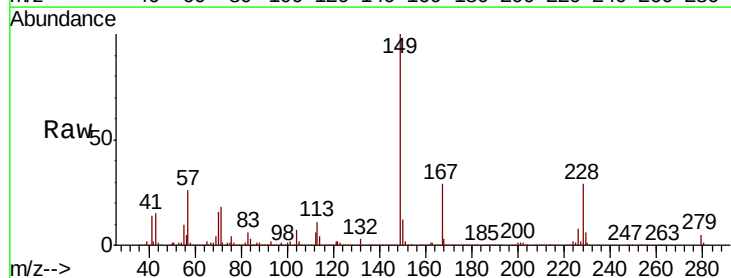
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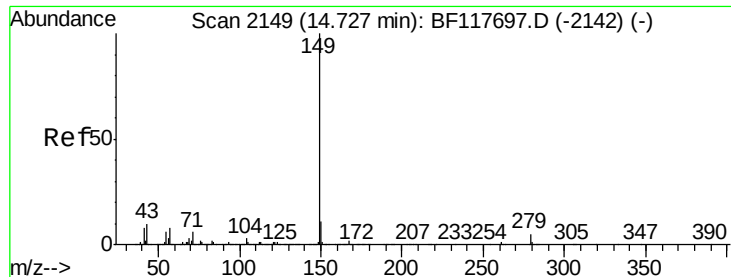
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#84
Bis(2-ethylhexyl)phthalate
Concen: 52.357 ng
RT: 14.10 min Scan# 2042
Delta R.T. -0.01 min
Lab File: BF117737.D
Acq: 8 Nov 2019 18:02

Tgt Ion:149 Resp: 2046408
Ion Ratio Lower Upper
149 100
167 28.6 22.2 33.2
279 4.6 3.4 5.2





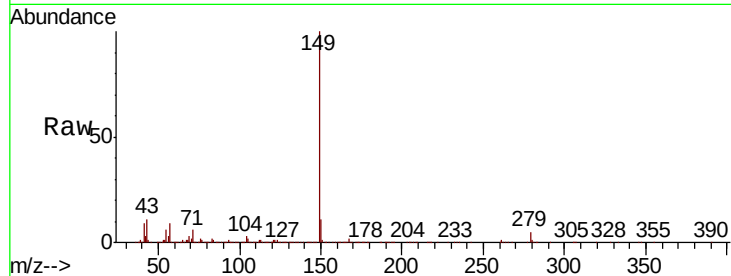
#85
Di-n-octyl phthalate
Concen: 53.689 ng
RT: 14.72 min Scan# 2147
Delta R.T. -0.01 min
Lab File: BF117737.D
Acq: 8 Nov 2019 18:02

Instrument :
BNA_F
ClientSampleId :
PB124647BSD

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.3	1.9
43	10.3	8.4	12.6

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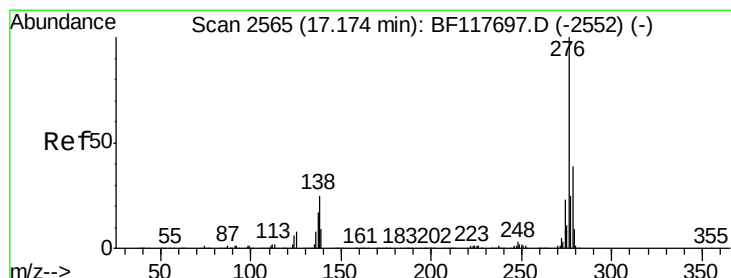
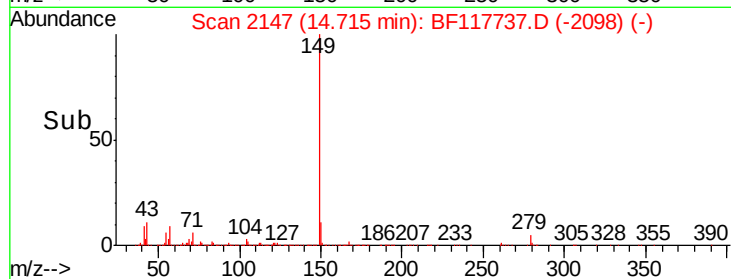
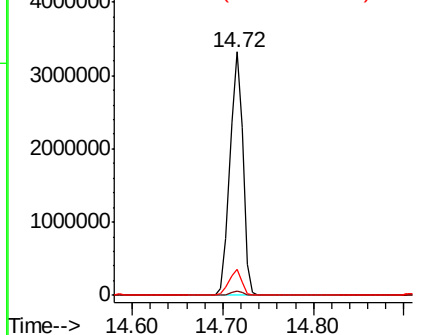


Abundance

Ion 149.00 (148.70 to 149.70): E

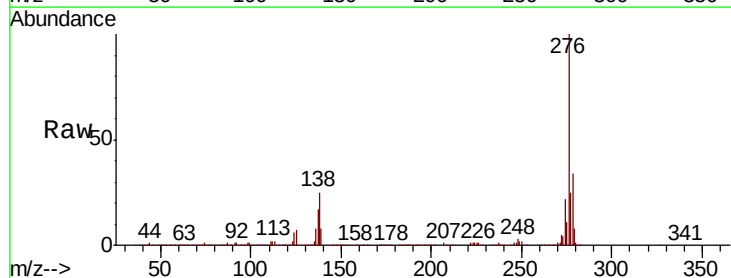
Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86
Indeno(1,2,3-cd)pyrene
Concen: 48.766 ng
RT: 17.16 min Scan# 2563
Delta R.T. -0.01 min
Lab File: BF117737.D
Acq: 8 Nov 2019 18:02

Tgt Ion	Ratio	Lower	Upper
276	100		
138	27.8	22.4	33.6
277	25.7	20.6	30.8

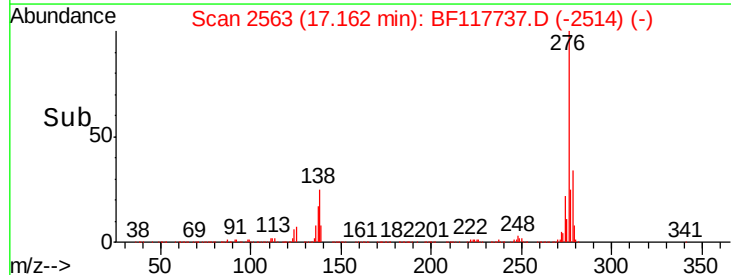
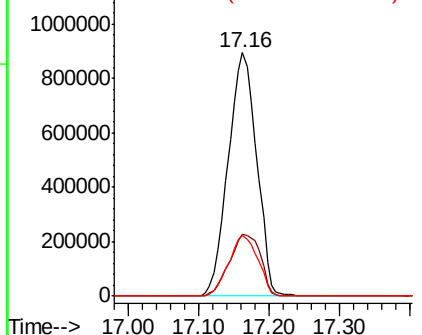


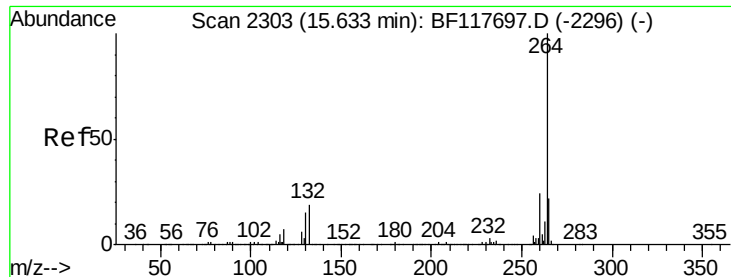
Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





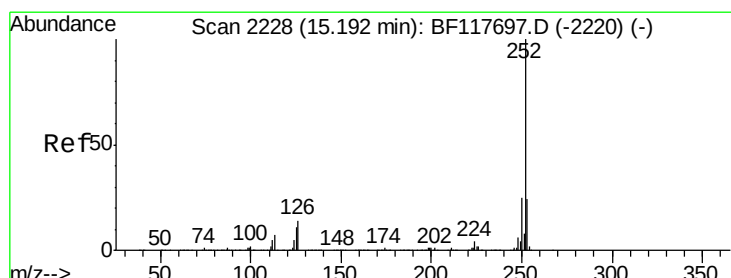
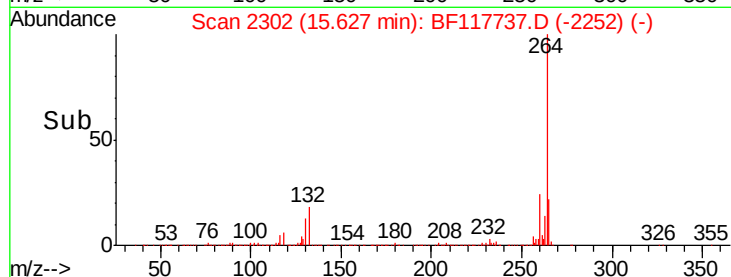
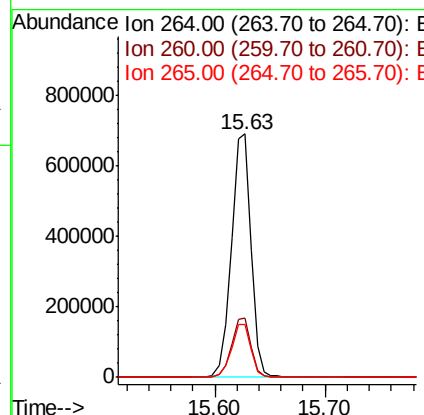
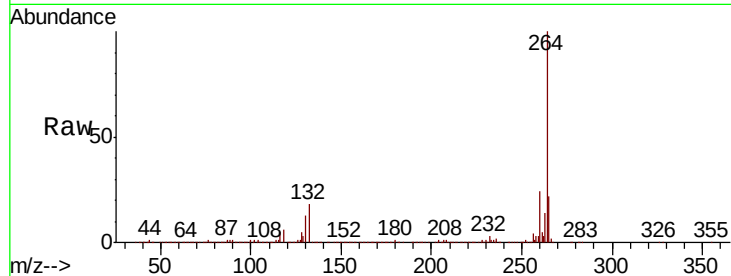
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.63 min Scan# 2302
Delta R.T. -0.01 min
Lab File: BF117737.D
Acq: 8 Nov 2019 18:02

Instrument :
BNA_F
ClientSampleId :
PB124647BSD

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.5	18.8	28.2
265	21.8	17.7	26.5

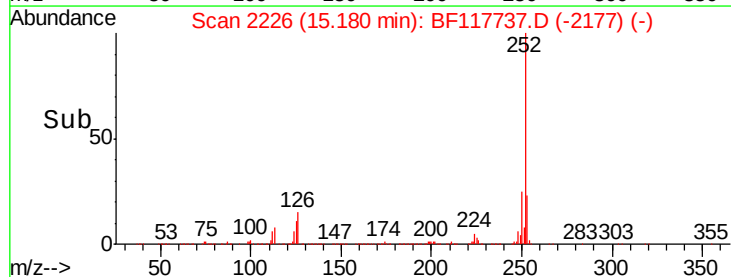
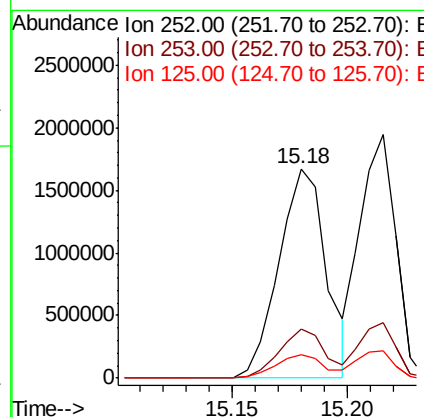
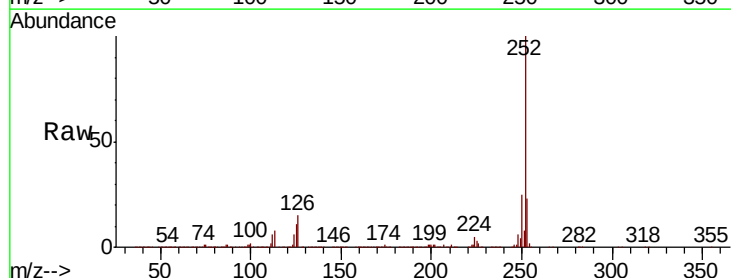
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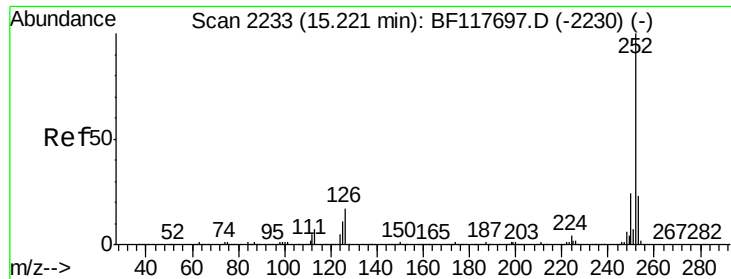
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#88
Benzo(b)fluoranthene
Concen: 43.931 ng
RT: 15.18 min Scan# 2226
Delta R.T. -0.01 min
Lab File: BF117737.D
Acq: 8 Nov 2019 18:02

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.4	18.9	28.3
125	11.4	8.5	12.7





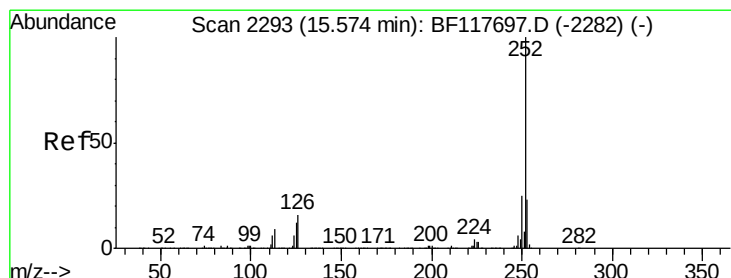
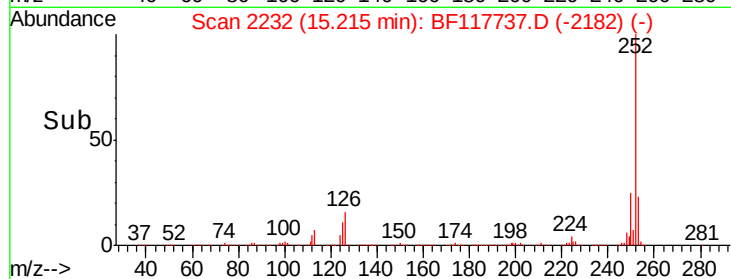
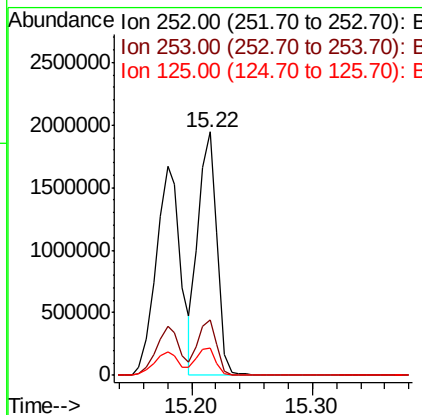
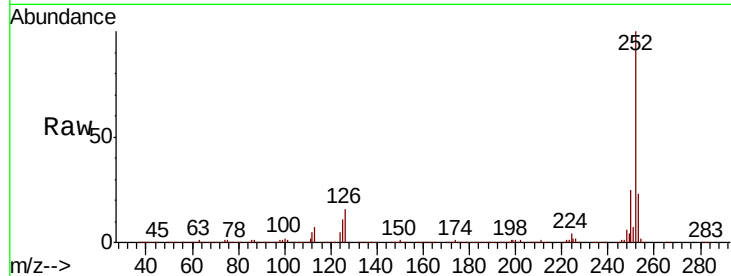
#89
Benzo(k)fluoranthene
Concen: 43.558 ng
RT: 15.22 min Scan# 2232
Delta R.T. -0.01 min
Lab File: BF117737.D
Acq: 8 Nov 2019 18:02

Instrument :
BNA_F
ClientSampled :
PB124647BSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.9	26.9
125	11.2	9.1	13.7

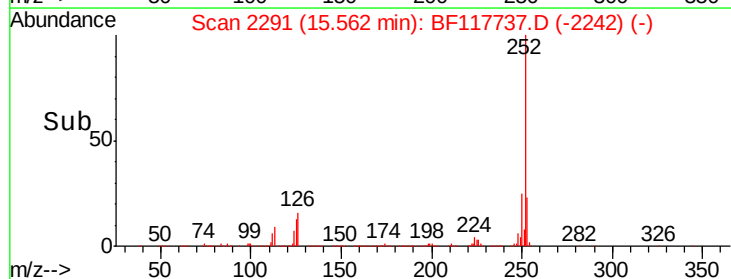
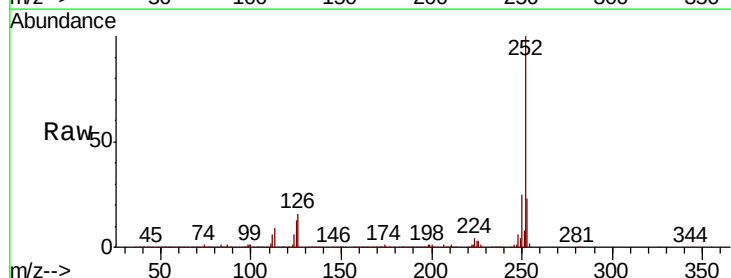
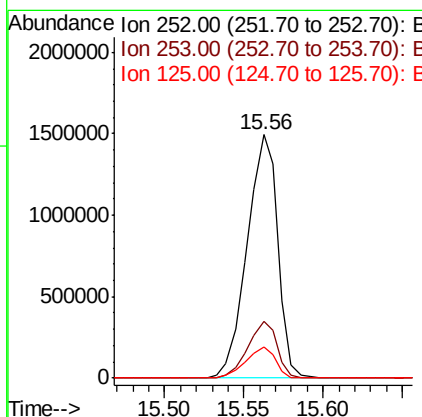
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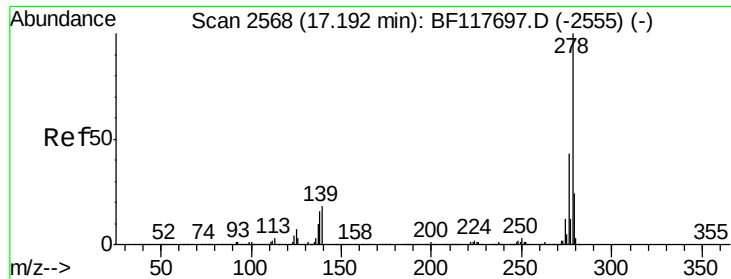
mohammad
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#90
Benzo(a)pyrene
Concen: 42.613 ng
RT: 15.56 min Scan# 2291
Delta R.T. -0.01 min
Lab File: BF117737.D
Acq: 8 Nov 2019 18:02

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.1	18.0	27.0
125	12.8	9.5	14.3





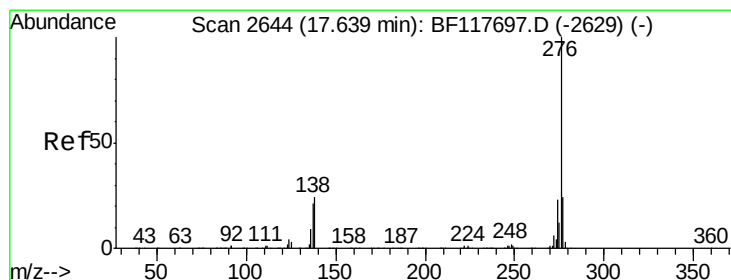
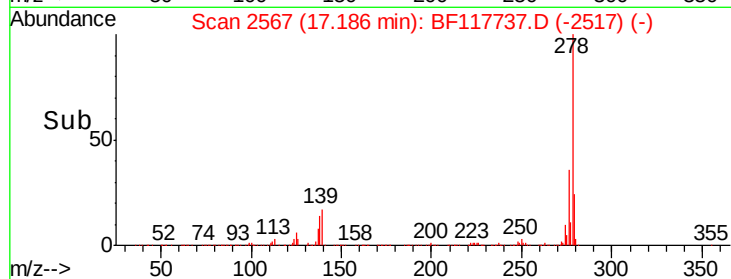
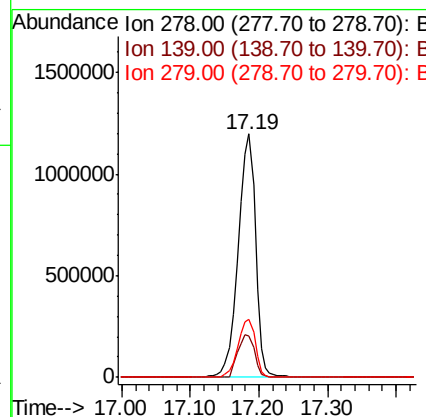
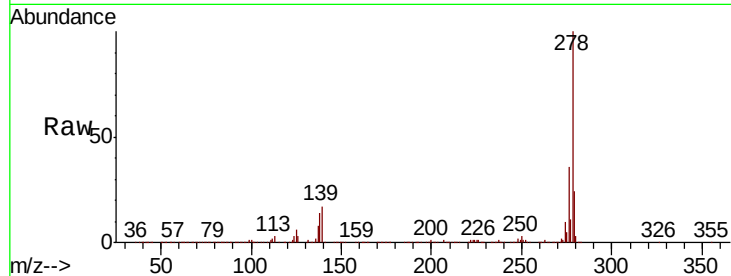
#91
Dibenzo(a,h)anthracene
Concen: 49.956 ng
RT: 17.19 min Scan# 2567
Delta R.T. -0.01 min
Lab File: BF117737.D
Acq: 8 Nov 2019 18:02

Instrument :
BNA_F
ClientSampleId :
PB124647BSD

Tot Ion	Ratio	Lower	Upper
278	100		
139	17.1	14.3	21.5
279	24.0	19.0	28.6

Manual Integrations
APPROVED

mohammad
11/11/2019 8:06:09 AM



#92
Benzo(g,h,i)perylene
Concen: 50.847 ng
RT: 17.63 min Scan# 2643
Delta R.T. -0.01 min
Lab File: BF117737.D
Acq: 8 Nov 2019 18:02

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.1	19.4	29.0
138	23.2	19.2	28.8

