

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF111519\
 Data File : BF117807.D
 Acq On : 15 Nov 2019 17:14
 Operator : JU
 Sample : K5861-06MSD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EP-6MSD

Manual Integrations
 APPROVED

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 11/18/2019 3:06:07 PM

Quant Time: Nov 18 02:44:58 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF111319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 13 18:36:07 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.92	152	245477	20.00	ng	0.00
21) Naphthalene-d8	8.21	136	954943	20.00	ng	0.00
39) Acenaphthene-d10	9.97	164	498666	20.00	ng	0.00
64) Phenanthrene-d10	11.46	188	955331	20.00	ng	0.00
76) Chrysene-d12	14.11	240	645070	20.00	ng	0.00
87) Perylene-d12	15.62	264	661129	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	1200611	86.57	ng	0.00
7) Phenol-d6	6.54	99	1530007	91.47	ng	0.00
23) Nitrobenzene-d5	7.48	82	948466	59.04	ng	-0.01
42) 2,4,6-Tribromophenol	10.76	330	456542	86.48	ng	0.00
45) 2-Fluorobiphenyl	9.29	172	1845651	66.40	ng	0.00
79) Terphenyl-d14	13.05	244	2088102	59.16	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.74	88	218393	33.690	ng	99
3) Pyridine	3.50	79	554451	32.606	ng	99
4) n-Nitrosodimethylamine	3.45	42	283476	38.190	ng	98
6) Aniline	6.58	93	492050	22.261	ng	100
8) 2-Chlorophenol	6.70	128	613924	40.798	ng	100
9) Benzaldehyde	6.47	77	303454	24.902	ng	97
10) Phenol	6.55	94	792062	45.569	ng	98
11) bis(2-Chloroethyl)ether	6.65	93	541778	38.814	ng	99
12) 1,3-Dichlorobenzene	6.86	146	660662	37.292	ng	100
13) 1,4-Dichlorobenzene	6.94	146	681925	38.081	ng	99
14) 1,2-Dichlorobenzene	7.09	146	653248	38.143	ng	99
15) Benzyl Alcohol	7.06	79	531752	41.176	ng	100
16) 2,2'-oxybis(1-Chloropropan	7.19	45	786053	36.577	ng	99
17) 2-Methylphenol	7.16	107	507204	39.802	ng	97
18) Hexachloroethane	7.44	117	244594	37.182	ng	99
19) n-Nitroso-di-n-propylamine	7.33	70	396556	38.429	ng	98
20) 3+4-Methylphenols	7.32	107	633283	40.034	ng	94
22) Acetophenone	7.33	105	817090	38.084	ng	# 97
24) Nitrobenzene	7.50	77	644306	38.879	ng	98
25) Isophorone	7.74	82	1125295	38.219	ng	97
26) 2-Nitrophenol	7.82	139	337461	41.837	ng	93
27) 2,4-Dimethylphenol	7.85	122	576985	46.034	ng	99
28) bis(2-Chloroethoxy)methane	7.95	93	678618	36.321	ng	100
29) 2,4-Dichlorophenol	8.06	162	525548	38.656	ng	99
30) 1,2,4-Trichlorobenzene	8.15	180	577289	36.607	ng	99
31) Naphthalene	8.23	128	1767850	39.710	ng	99
32) Benzoic acid	7.96	122	379937	36.203	ng	97
33) 4-Chloroaniline	8.27	127	224768	11.278	ng	99
34) Hexachlorobutadiene	8.35	225	322378	34.964	ng	98
35) Caprolactam	8.63	113	174380m	40.357	ng	
36) 4-Chloro-3-methylphenol	8.75	107	547745	39.698	ng	97
37) 2-Methylnaphthalene	8.92	142	1201861	39.956	ng	99
38) 1-Methylnaphthalene	9.02	142	1132249	39.816	ng	99
40) 1,2,4,5-Tetrachlorobenzene	9.09	216	528573	36.499	ng	99

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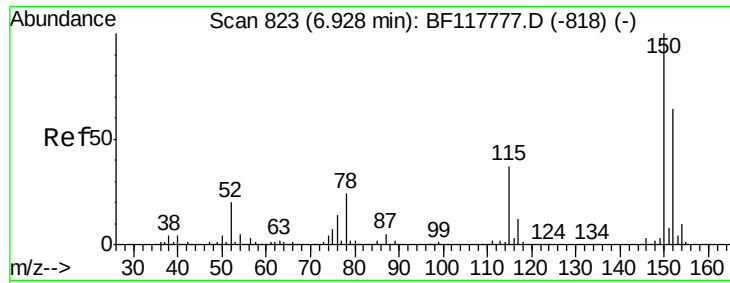
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 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF111319.M
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.08	237	675840	83.277	nq	98
43) 2,4,6-Trichlorophenol	9.20	196	394370	38.020	nq	97
44) 2,4,5-Trichlorophenol	9.24	196	422451	39.226	nq	96
46) 1,1'-Biphenyl	9.39	154	1451224	39.226	nq	100
47) 2-Chloronaphthalene	9.42	162	1136502	37.342	nq	99
48) 2-Nitroaniline	9.50	65	344962	37.543	nq	99
49) Acenaphthylene	9.83	152	1769084	39.868	nq	100
50) Dimethylphthalate	9.69	163	1472505	42.109	nq	100
51) 2,6-Dinitrotoluene	9.75	165	301216	39.413	nq	85
52) Acenaphthene	10.00	154	1184382	41.667	nq	99
53) 3-Nitroaniline	9.92	138	190540	20.836	nq	97
54) 2,4-Dinitrophenol	10.02	184	281836	72.515	nq	# 89
55) Dibenzofuran	10.18	168	1553409	39.465	nq	97
56) 4-Nitrophenol	10.07	139	539231	78.996	nq	97
57) 2,4-Dinitrotoluene	10.15	165	405796	41.741	nq	97
58) Fluorene	10.52	166	1169600	38.344	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.29	232	342861	38.746	nq	99
60) Diethylphthalate	10.39	149	1287274	37.759	nq	99
61) 4-Chlorophenyl-phenylether	10.51	204	586199	37.869	nq	97
62) 4-Nitroaniline	10.53	138	297593	32.501	nq	98
63) Azobenzene	10.67	77	1186607	38.258	nq	97
65) 4,6-Dinitro-2-methylphenol	10.56	198	196047	43.958	nq	99
66) n-Nitrosodiphenylamine	10.63	169	1056504	38.000	nq	99
67) 4-Bromophenyl-phenylether	11.00	248	377686	36.640	nq	94
68) Hexachlorobenzene	11.07	284	436141	36.286	nq	# 91
69) Atrazine	11.16	200	367406	40.172	nq	98
70) Pentachlorophenol	11.26	266	506840	72.177	nq	100
71) Phenanthrene	11.49	178	1821861	37.931	nq	100
72) Anthracene	11.54	178	1877079	39.417	nq	99
73) Carbazole	11.69	167	1641229	39.439	nq	100
74) Di-n-butylphthalate	12.02	149	1929704	37.243	nq	100
75) Fluoranthene	12.68	202	1867301	42.229	nq	99
77) Benzidine	12.80	184	850435	40.248	nq	98
78) Pyrene	12.91	202	1881847	36.098	nq	99
80) Butylbenzylphthalate	13.53	149	805286	35.965	nq	97
81) Benzo(a)anthracene	14.10	228	1589820	37.296	nq	99
82) 3,3'-Dichlorobenzidine	14.06	252	458629	30.758	nq	98
83) Chrysene	14.14	228	1524361	36.904	nq	99
84) Bis(2-ethylhexyl)phthalate	14.09	149	1075516	39.621	nq	98
85) Di-n-octyl phthalate	14.70	149	1713321	42.963	nq	100
86) Indeno(1,2,3-cd)pyrene	17.16	276	1767128	50.266	nq	100
88) Benzo(b)fluoranthene	15.17	252	1493212	34.763	nq	99
89) Benzo(k)fluoranthene	15.20	252	1445051	35.705	nq	98
90) Benzo(a)pyrene	15.56	252	1347685	35.680	nq	99
91) Dibenzo(a,h)anthracene	17.17	278	1433088	44.081	nq	99
92) Benzo(g,h,i)perylene	17.62	276	1493387	46.119	nq	99

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



#1

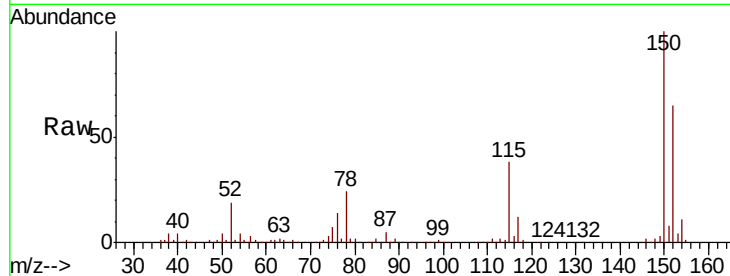
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.92 min Scan# 822
Delta R.T. -0.01 min
Lab File: BF117807.D
Acq: 15 Nov 2019 17:14

Instrument :
BNA_F
ClientSampleId :
EP-6MSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.8	125.3	187.9
115	58.4	47.0	70.4

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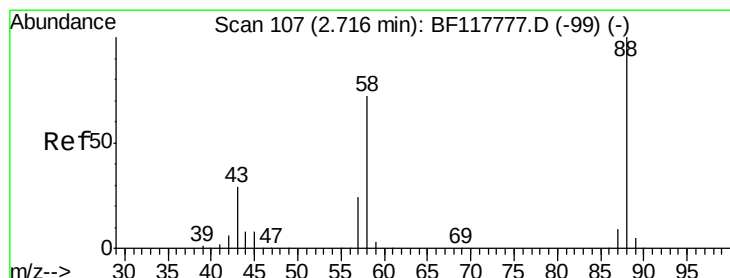
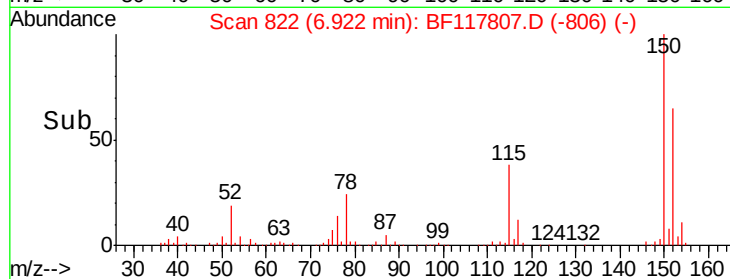
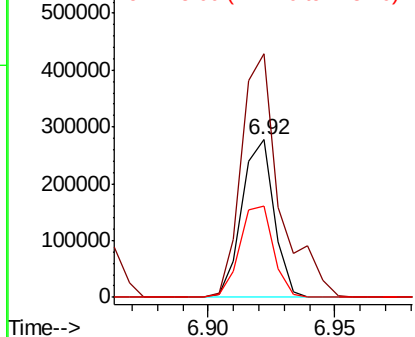


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 33.690 ng
RT: 2.74 min Scan# 111
Delta R.T. 0.02 min
Lab File: BF117807.D
Acq: 15 Nov 2019 17:14

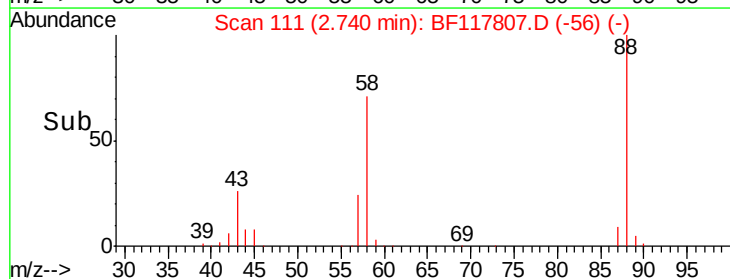
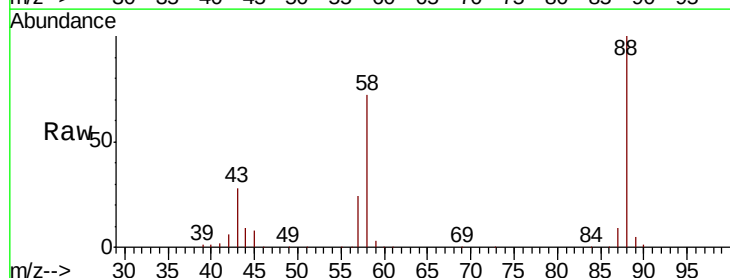
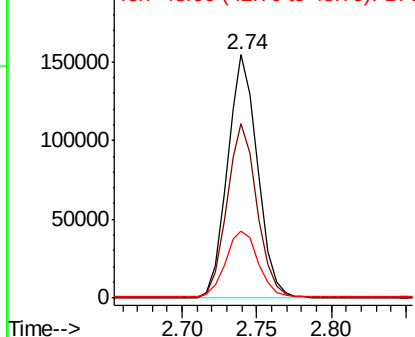
Tgt Ion	Ratio	Lower	Upper
88	100		
58	71.8	58.2	87.2
43	28.7	23.3	34.9

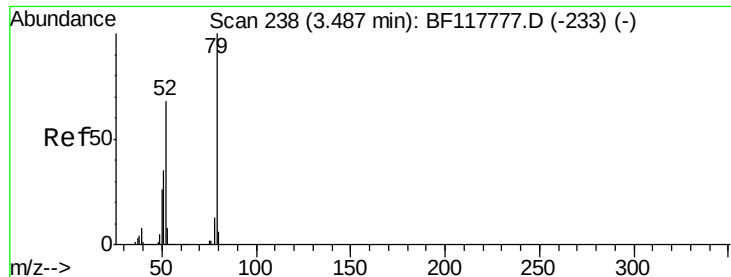
Abundance

Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1





#3

Pvridine

Concen: 32.606 ng

RT: 3.50 min Scan# 241

Delta R.T. 0.02 min

Lab File: BF117807.D

Acq: 15 Nov 2019 17:14

Instrument :

BNA_F

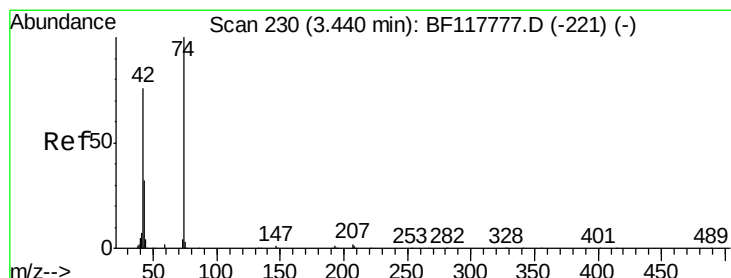
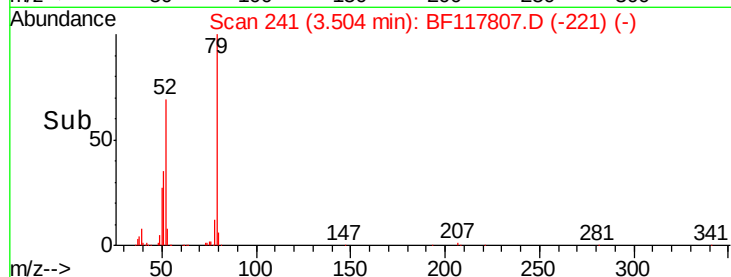
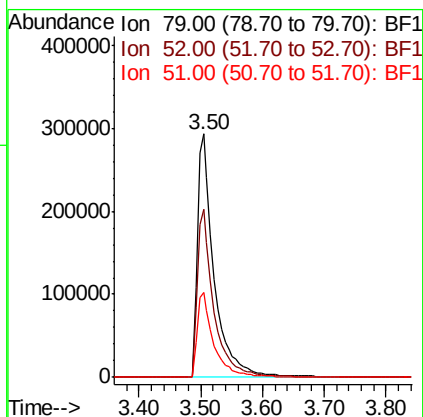
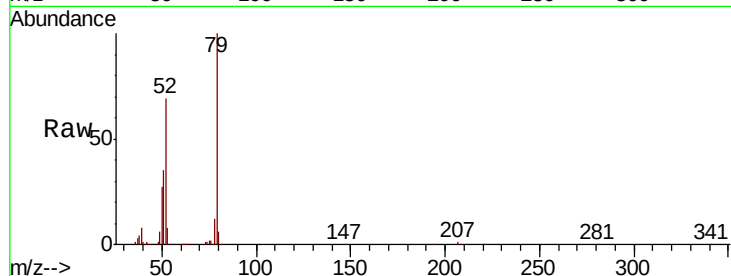
ClientSampleId :

EP-6MSD

Tot Ion:	79	Resp:	554451
Ion Ratio	Lower	Upper	
79	100		
52	69.2	54.8	82.2
51	34.8	28.2	42.4

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#4

n-Nitrosodimethylamine

Concen: 38.190 ng

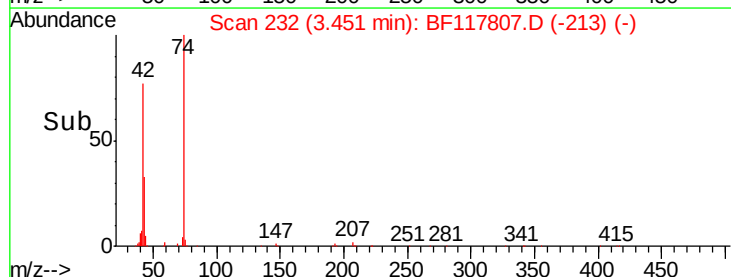
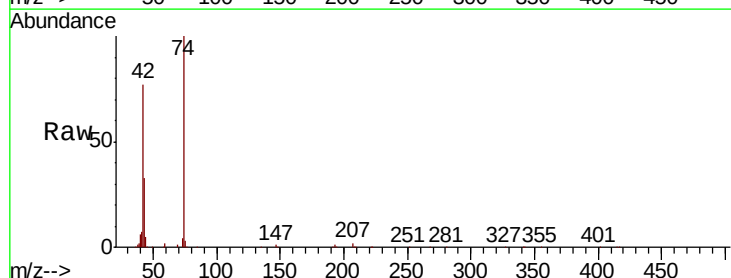
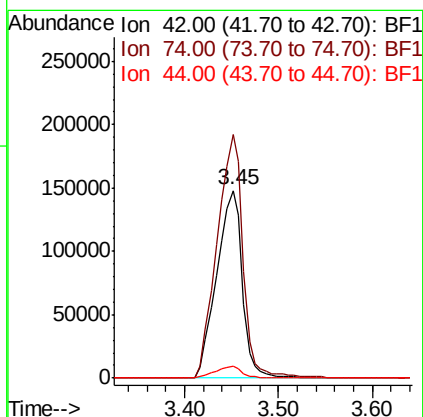
RT: 3.45 min Scan# 232

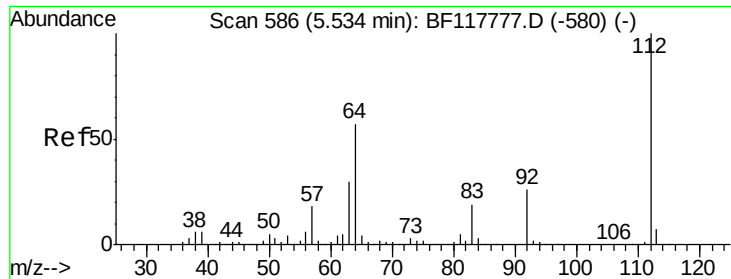
Delta R.T. 0.01 min

Lab File: BF117807.D

Acq: 15 Nov 2019 17:14

Tgt Ion:	42	Resp:	283476
Ion Ratio	Lower	Upper	
42	100		
74	129.6	105.1	157.7
44	6.3	4.6	7.0





#5

2-Fluorophenol

Concen: 86.575 ng

RT: 5.53 min Scan# 586

Delta R.T. -0.00 min

Lab File: BF117807.D

Acq: 15 Nov 2019 17:14

Instrument :

BNA_F

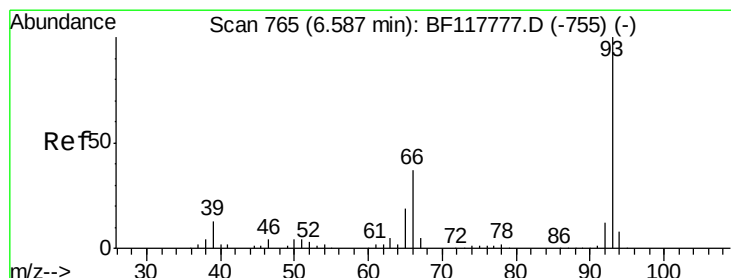
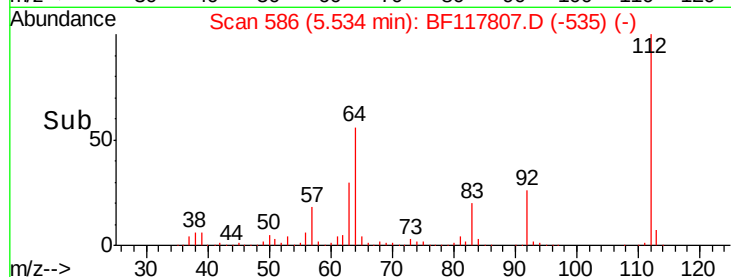
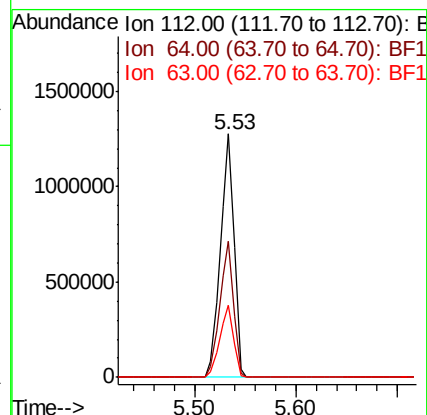
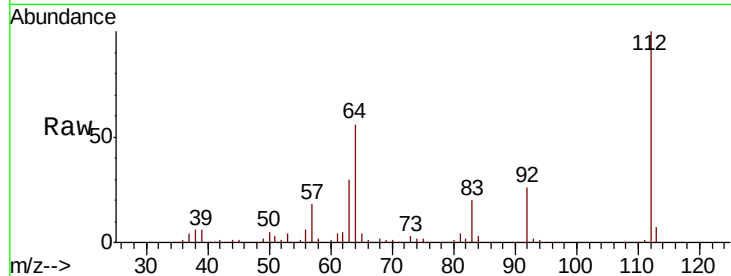
ClientSampleId :

EP-6MSD

Tot Ion:	112	Resp:	1200611
Ion	Ratio	Lower	Upper
112	100		
64	56.0	45.6	68.4
63	29.8	24.1	36.1

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#6

Aniline

Concen: 22.261 ng

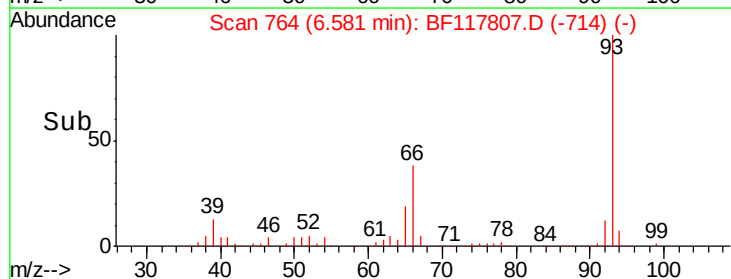
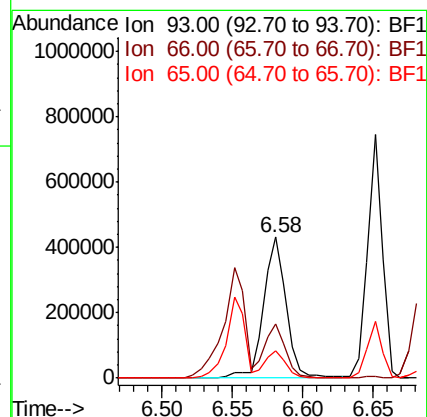
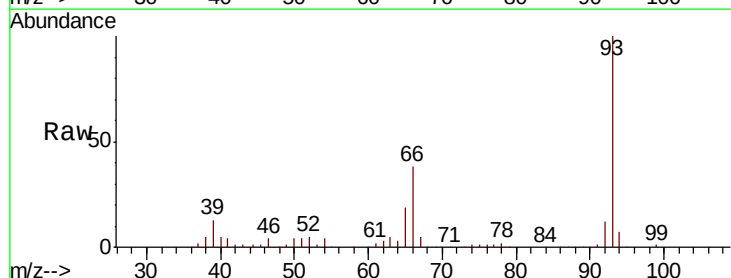
RT: 6.58 min Scan# 764

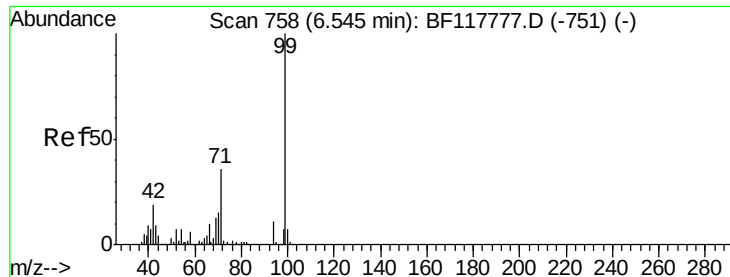
Delta R.T. -0.01 min

Lab File: BF117807.D

Acq: 15 Nov 2019 17:14

Tgt Ion:	93	Resp:	492050
Ion	Ratio	Lower	Upper
93	100		
66	38.3	30.6	45.8
65	19.0	15.6	23.4





#7

Phenol-d6

Concen: 91.470 ng

RT: 6.54 min Scan# 757

Delta R.T. -0.01 min

Lab File: BF117807.D

Acq: 15 Nov 2019 17:14

Instrument :

BNA_F

ClientSampleId :

EP-6MSD

Tot Ion: 99 Resp: 1530007

Ion Ratio Lower Upper

99 100

42 18.8 14.9 22.3

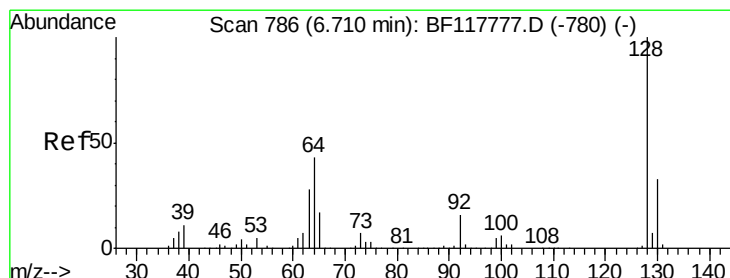
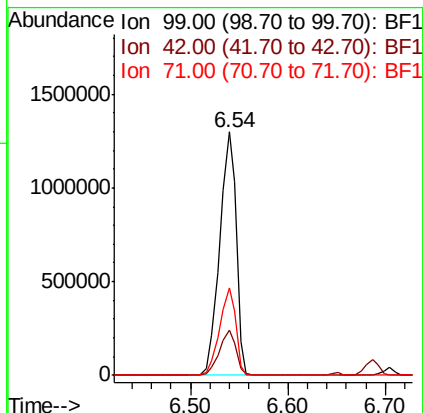
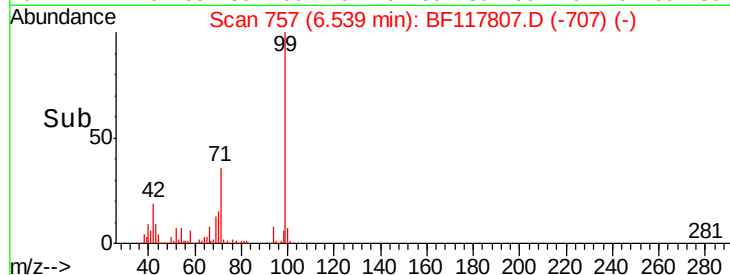
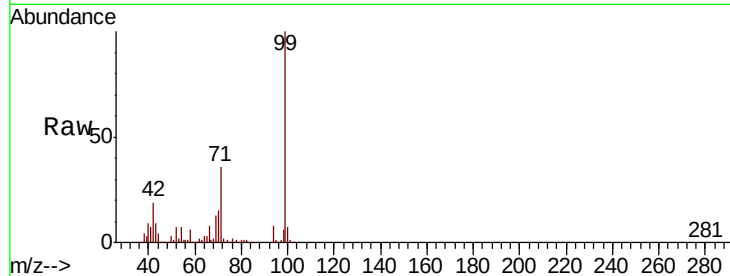
71 35.8 28.6 43.0

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#8

2-Chlorophenol

Concen: 40.798 ng

RT: 6.70 min Scan# 785

Delta R.T. -0.01 min

Lab File: BF117807.D

Acq: 15 Nov 2019 17:14

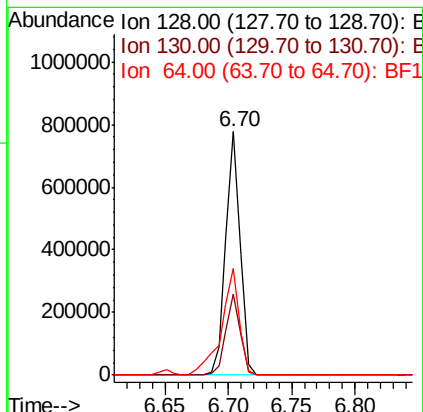
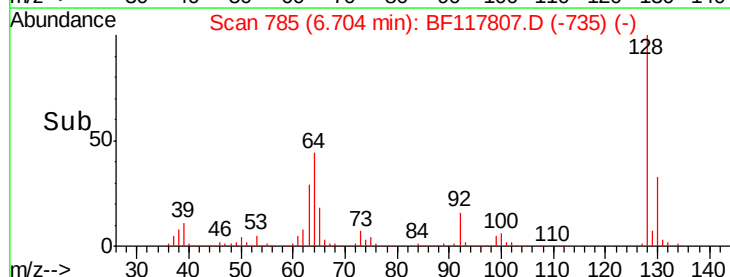
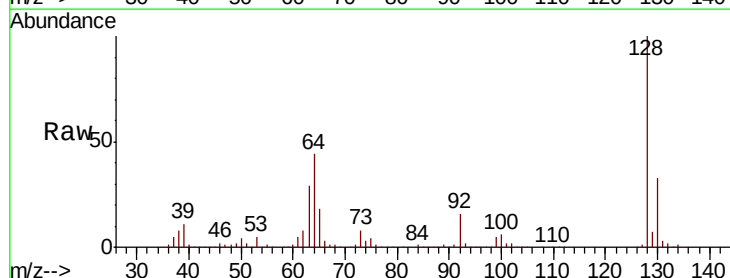
Tgt Ion: 128 Resp: 613924

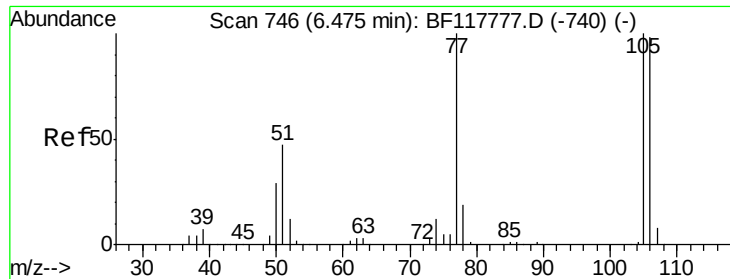
Ion Ratio Lower Upper

128 100

130 33.4 13.2 53.2

64 43.7 23.7 63.7





#9

Benzaldehyde

Concen: 24.902 ng

RT: 6.47 min Scan# 745

Delta R.T. -0.01 min

Lab File: BF117807.D

Acq: 15 Nov 2019 17:14

Instrument :

BNA_F

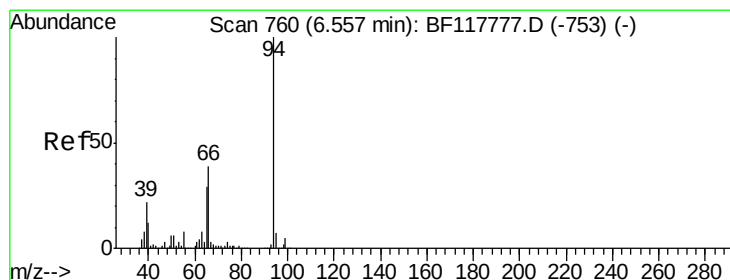
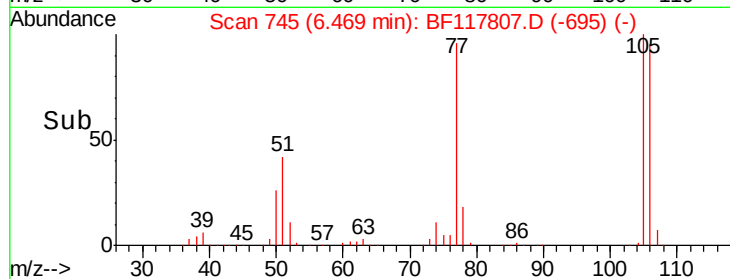
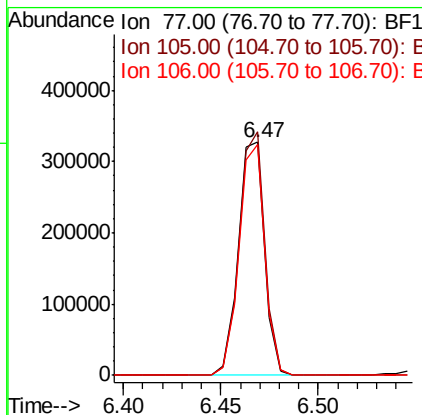
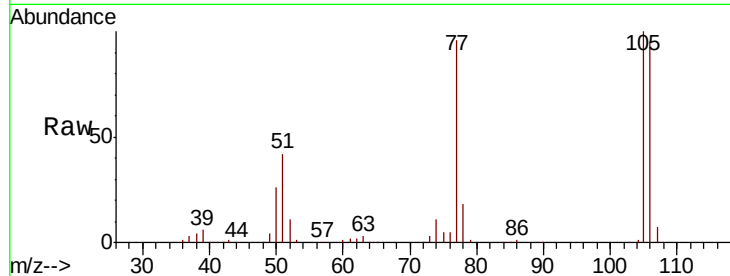
ClientSampleId :

EP-6MSD

Tot Ion:	77	Resp:	303454
Ion	Ratio	Lower	Upper
77	100		
105	104.6	80.2	120.2
106	99.0	78.4	118.4

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#10

Phenol

Concen: 45.569 ng

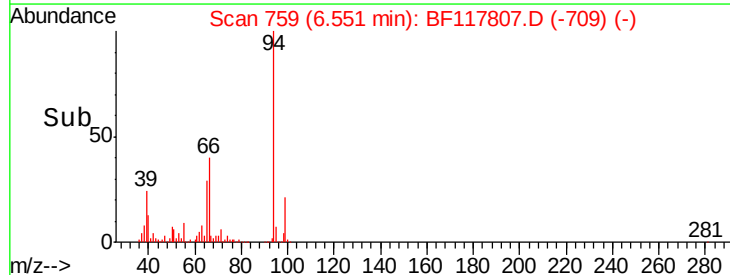
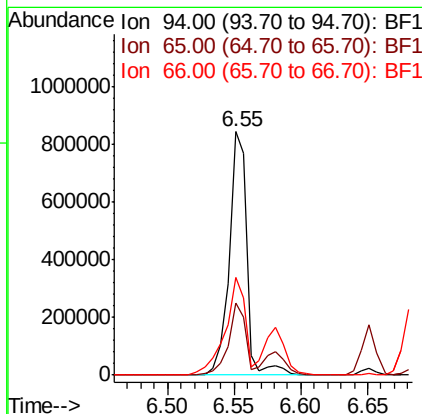
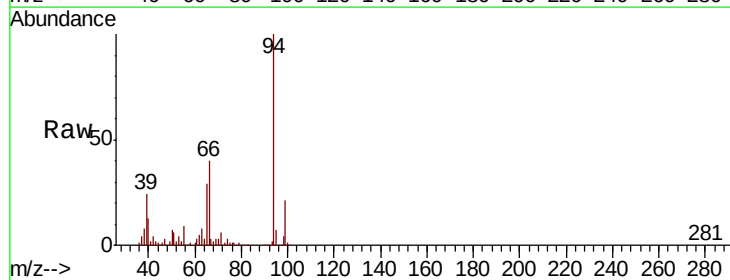
RT: 6.55 min Scan# 759

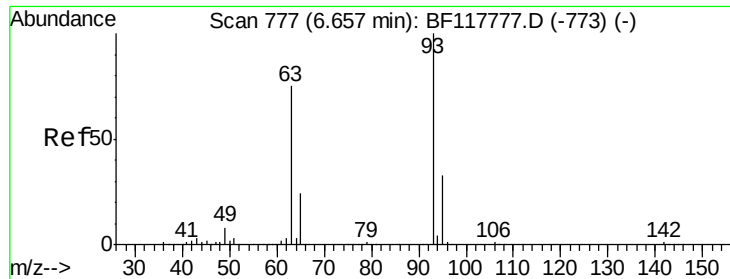
Delta R.T. -0.01 min

Lab File: BF117807.D

Acq: 15 Nov 2019 17:14

Tgt Ion:	94	Resp:	792062
Ion	Ratio	Lower	Upper
94	100		
65	29.4	8.9	48.9
66	39.9	18.7	58.7





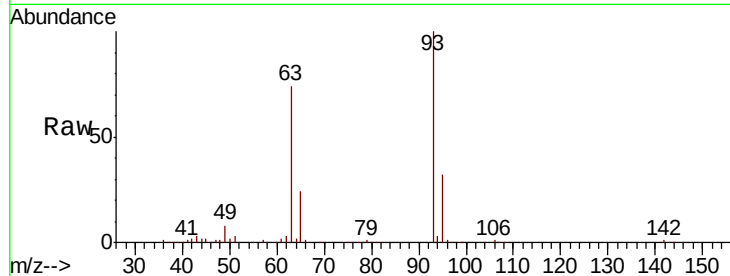
#11
bis(2-Chloroethyl)ether
Concen: 38.814 ng
RT: 6.65 min Scan# 776
Delta R.T. -0.01 min
Lab File: BF117807.D
Acq: 15 Nov 2019 17:14

Instrument :
BNA_F
ClientSampleId :
EP-6MSD

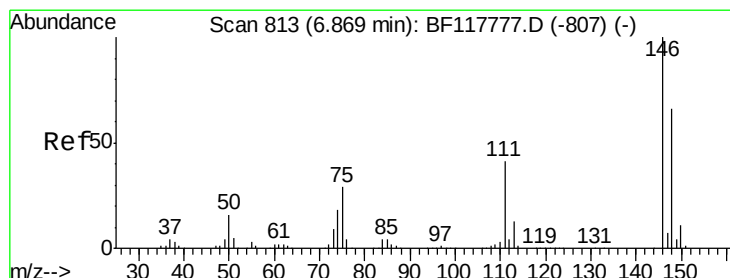
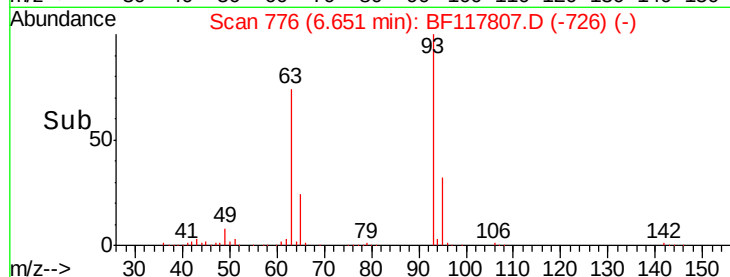
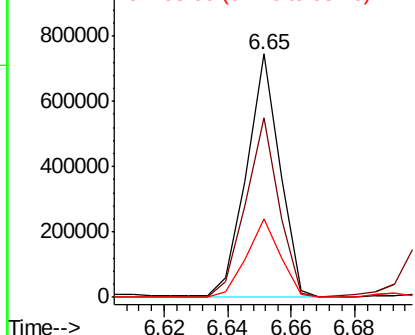
Tot Ion	Ratio	Lower	Upper
93	100		
63	73.9	54.8	94.8
95	32.5	12.7	52.7

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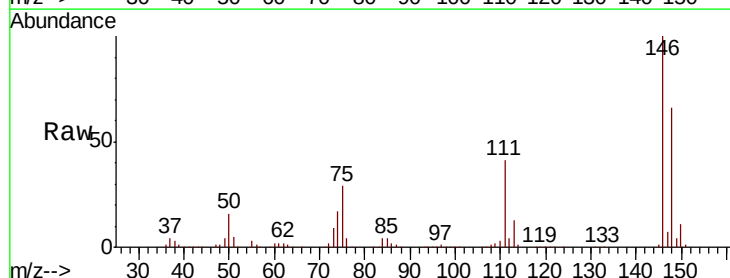


Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 63.00 (62.70 to 63.70): BF1
Ion 95.00 (94.70 to 95.70): BF1

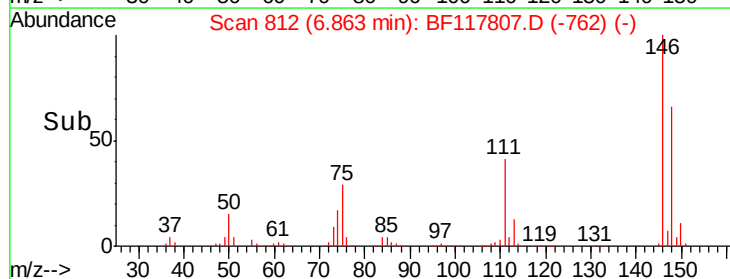
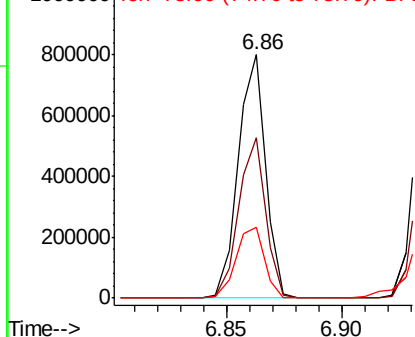


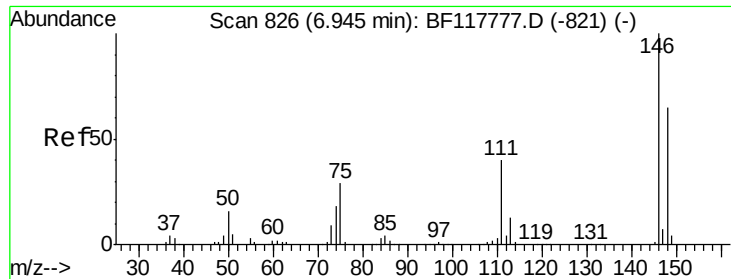
#12
1,3-Dichlorobenzene
Concen: 37.292 ng
RT: 6.86 min Scan# 812
Delta R.T. -0.01 min
Lab File: BF117807.D
Acq: 15 Nov 2019 17:14

Tgt Ion	Ratio	Lower	Upper
146	100		
148	66.1	52.8	79.2
75	29.3	23.4	35.0



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 75.00 (74.70 to 75.70): BF1





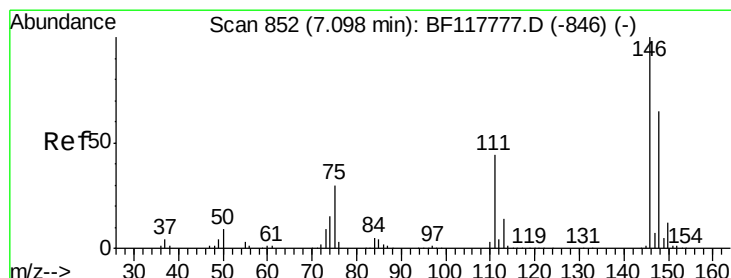
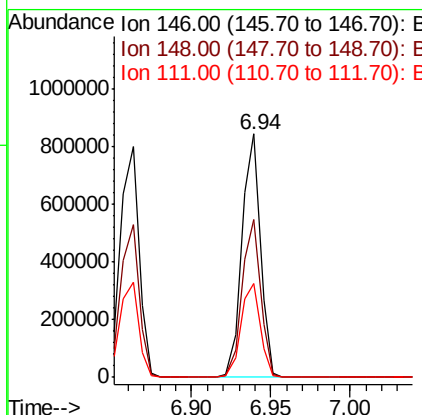
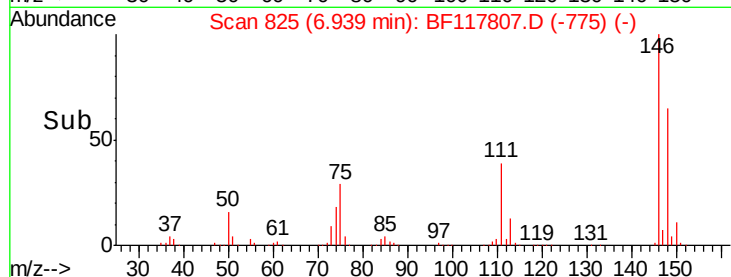
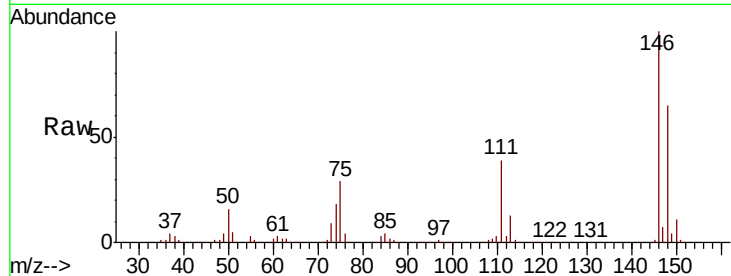
#13
 1,4-Dichlorobenzene
 Concen: 38.081 ng
 RT: 6.94 min Scan# 825
 Delta R.T. -0.01 min
 Lab File: BF117807.D
 Acq: 15 Nov 2019 17:14

Instrument :
 BNA_F
 ClientSampleId :
 EP-6MSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.8	52.3	78.5
111	38.8	32.2	48.4

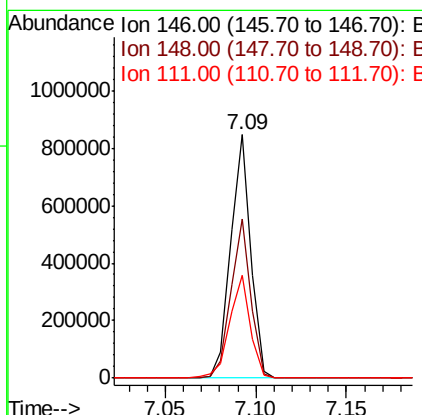
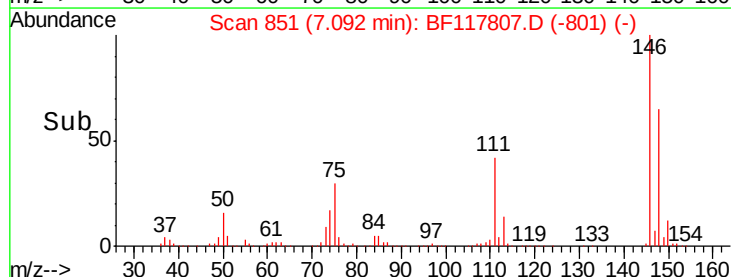
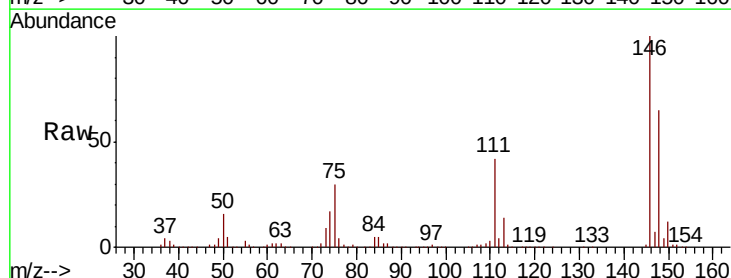
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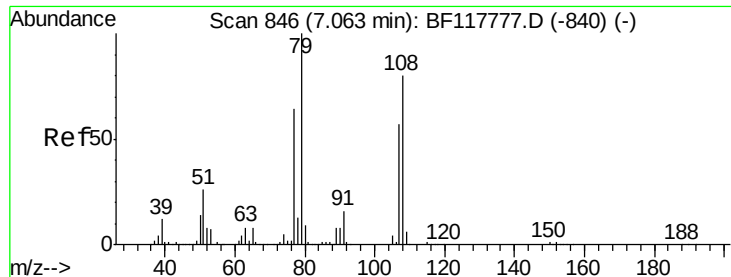
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#14
 1,2-Dichlorobenzene
 Concen: 38.143 ng
 RT: 7.09 min Scan# 851
 Delta R.T. -0.01 min
 Lab File: BF117807.D
 Acq: 15 Nov 2019 17:14

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.2	51.8	77.8
111	42.0	35.0	52.6





#15

Benzyl Alcohol

Concen: 41.176 ng

RT: 7.06 min Scan# 845

Delta R.T. -0.01 min

Lab File: BF117807.D

Acq: 15 Nov 2019 17:14

Instrument :

BNA_F

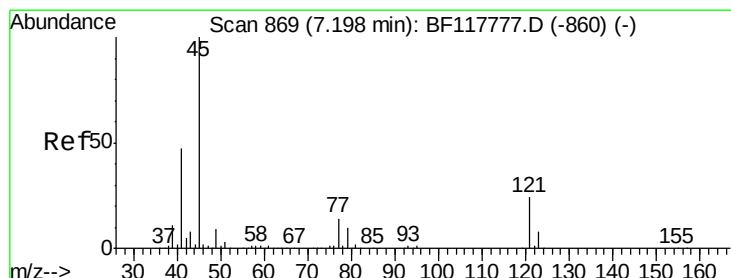
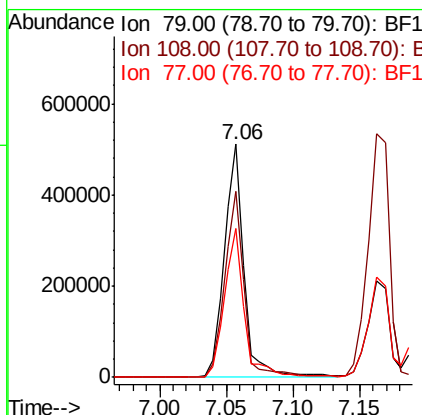
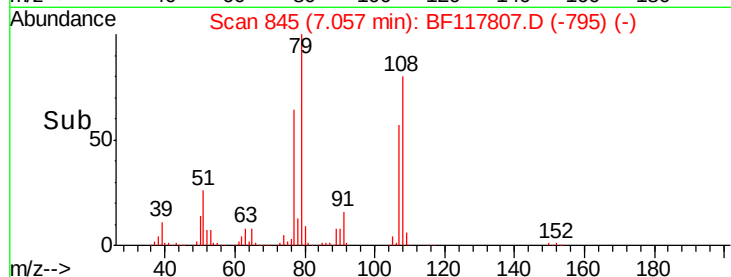
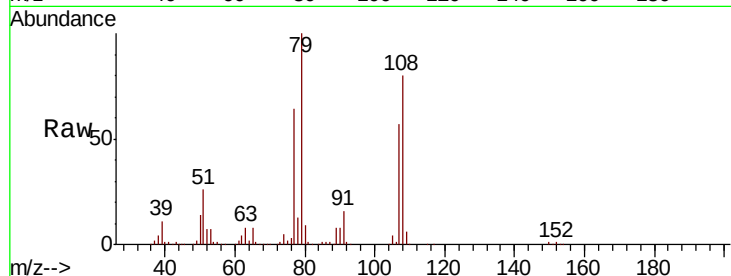
ClientSampleId :

EP-6MSD

Tot Ion:	79	Resp:	531752
Ion Ratio	Lower	Upper	
79	100		
108	80.1	64.1	96.1
77	64.0	51.3	76.9

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#16

2,2'-oxybis(1-chloropropane)

Concen: 36.577 ng

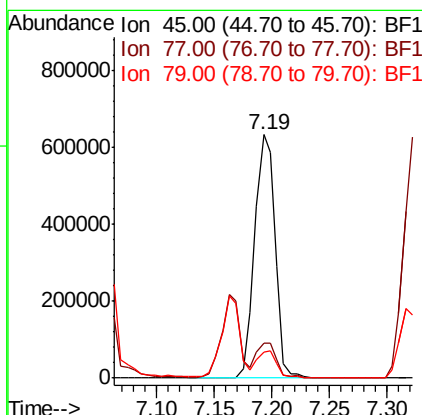
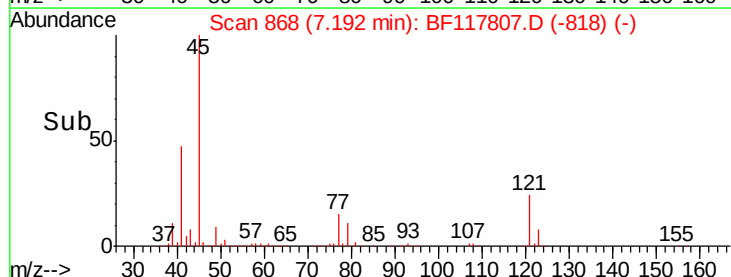
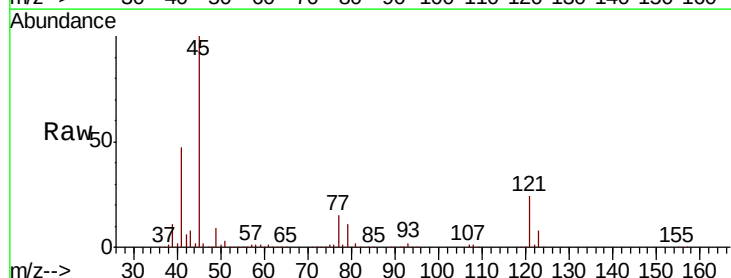
RT: 7.19 min Scan# 868

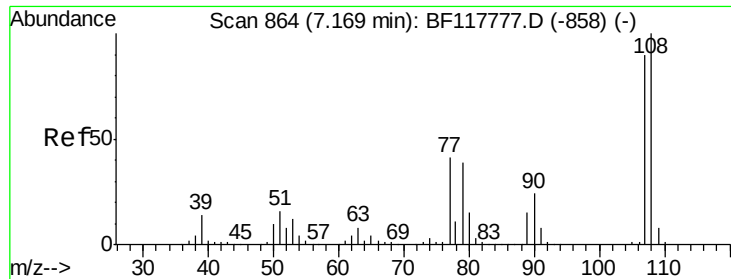
Delta R.T. -0.01 min

Lab File: BF117807.D

Acq: 15 Nov 2019 17:14

Tgt Ion:	45	Resp:	786053
Ion Ratio	Lower	Upper	
45	100		
77	14.6	0.0	35.0
79	10.9	0.0	31.1





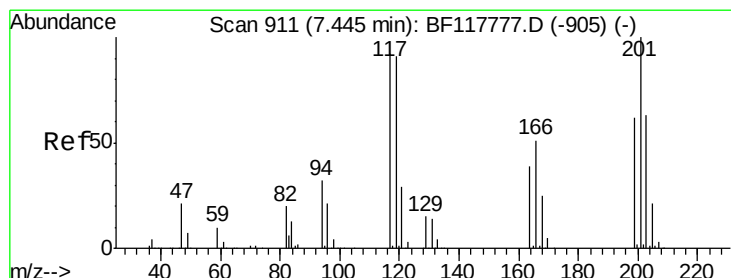
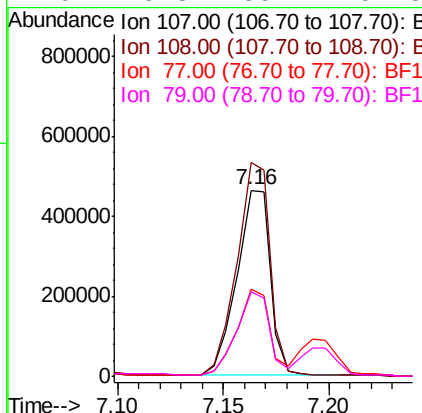
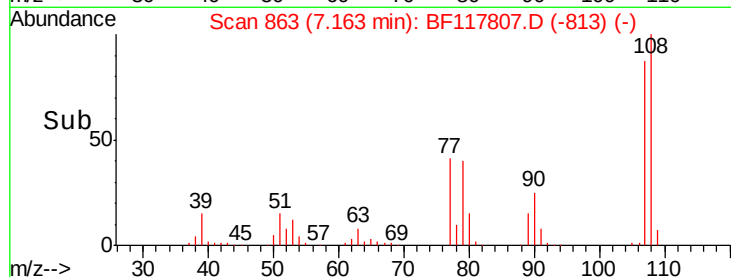
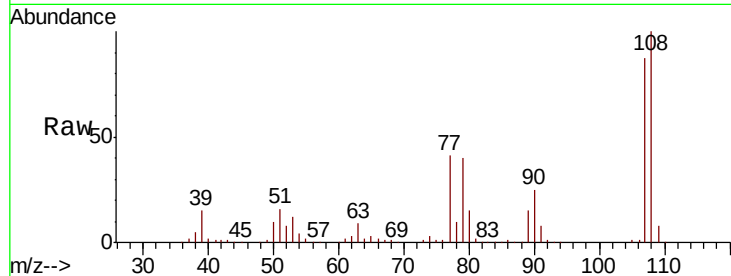
#17
2-Methylphenol
Concen: 39.802 ng
RT: 7.16 min Scan# 863
Delta R.T. -0.01 min
Lab File: BF117807.D
Acq: 15 Nov 2019 17:14

Instrument :
BNA_F
ClientSampleId :
EP-6MSD

Tot Ion	Ratio	Lower	Upper
107	100		
108	115.0	89.1	133.7
77	47.1	36.6	54.8
79	45.8	35.2	52.8

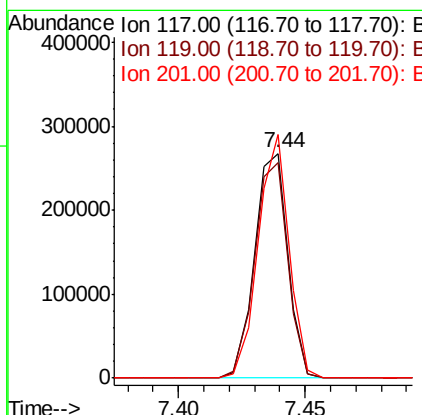
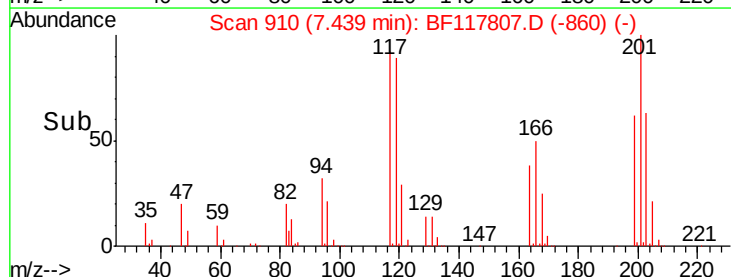
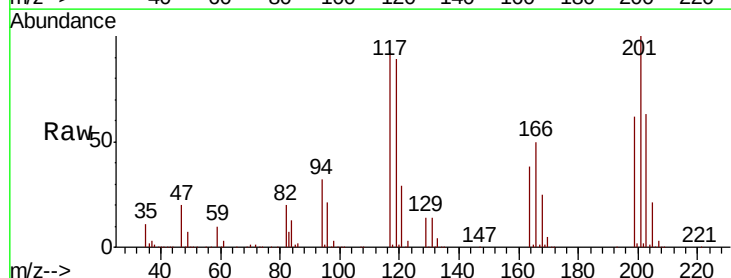
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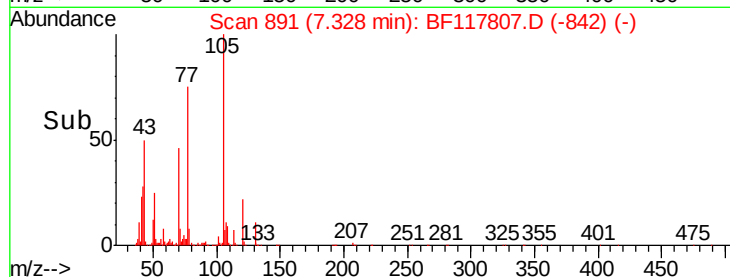
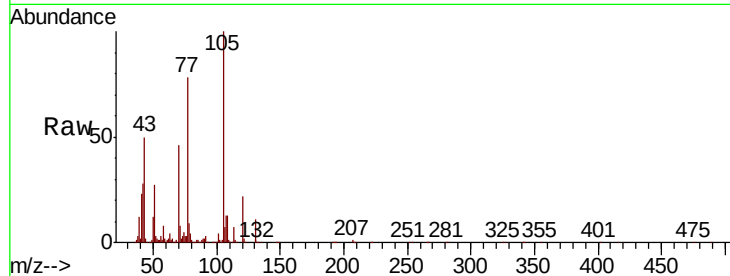
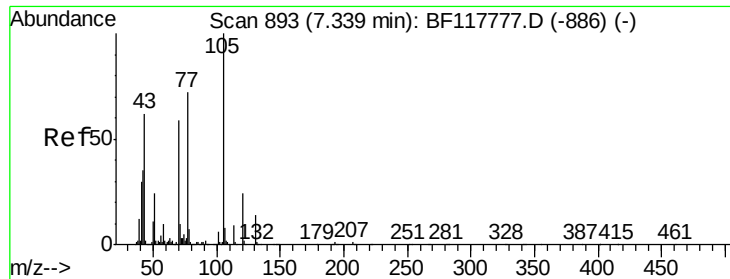
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#18
Hexachloroethane
Concen: 37.182 ng
RT: 7.44 min Scan# 910
Delta R.T. -0.01 min
Lab File: BF117807.D
Acq: 15 Nov 2019 17:14

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.2	78.7	118.1
201	108.4	86.5	129.7





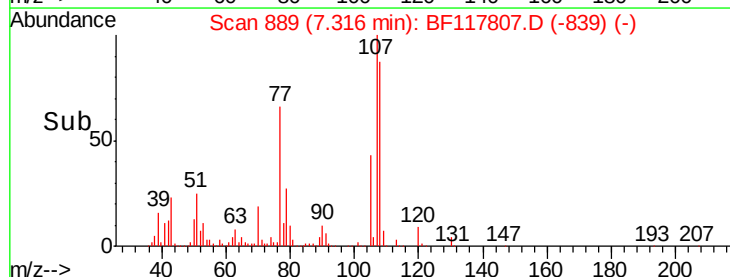
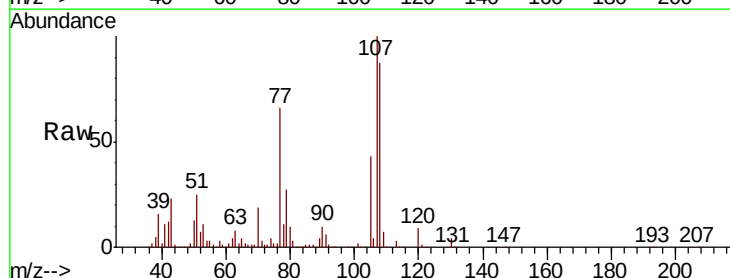
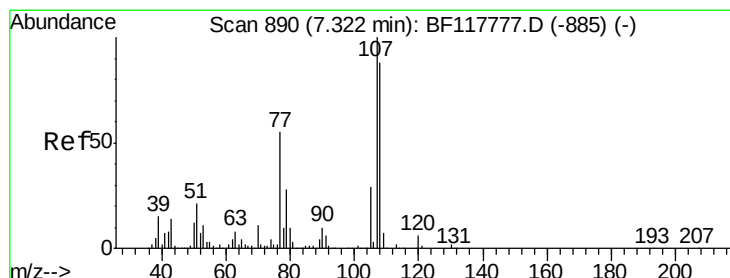
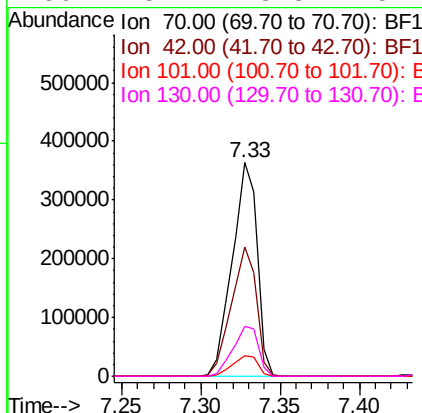
#19
n-Nitroso-di-n-propylamine
Concen: 38.429 ng
RT: 7.33 min Scan# 891
Delta R.T. -0.01 min
Lab File: BF117807.D
Acq: 15 Nov 2019 17:14

Instrument :
BNA_F
ClientSampled :
EP-6MSD

Tot Ion	Ratio	Lower	Upper
70	100		
42	60.8	47.4	71.2
101	9.8	8.4	12.6
130	23.1	18.8	28.2

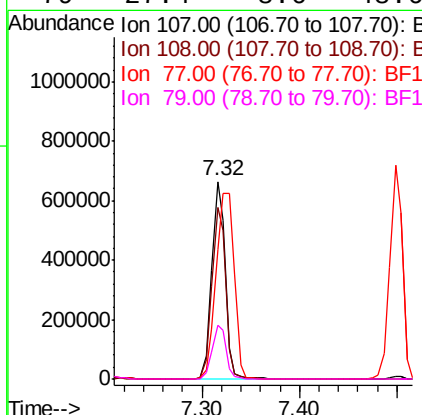
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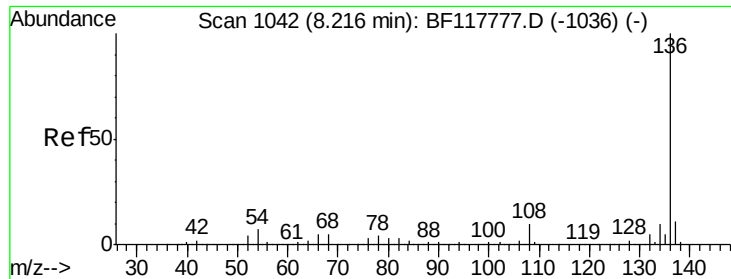
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#20
3+4-Methylphenols
Concen: 40.034 ng
RT: 7.32 min Scan# 889
Delta R.T. -0.01 min
Lab File: BF117807.D
Acq: 15 Nov 2019 17:14

Tgt Ion	Ratio	Lower	Upper
107	100		
108	87.0	68.4	108.4
77	65.6	35.2	75.2
79	27.4	8.6	48.6





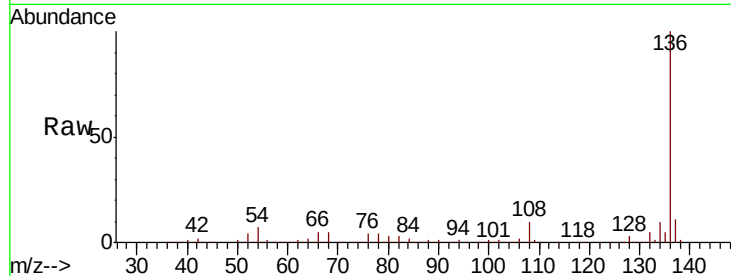
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.21 min Scan# 1041
Delta R.T. -0.01 min
Lab File: BF117807.D
Acq: 15 Nov 2019 17:14

Instrument :
BNA_F
ClientSampled :
EP-6MSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100	954943		
137	11.3		9.0	13.4
54	6.8		5.4	8.2
68	5.3		4.3	6.5

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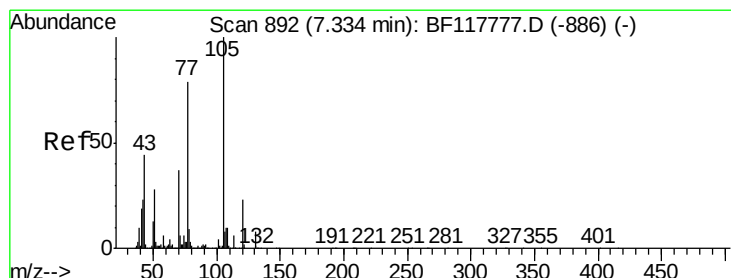
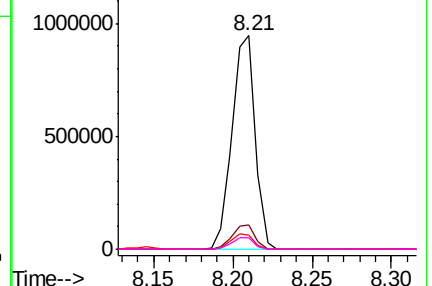
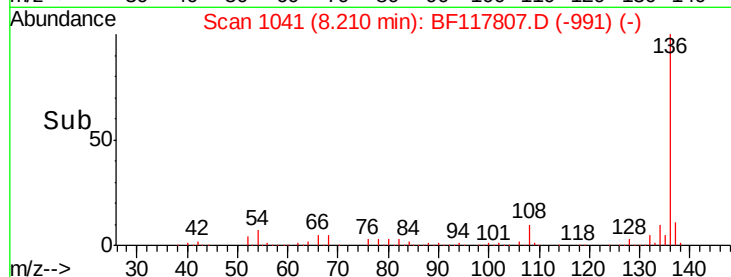
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

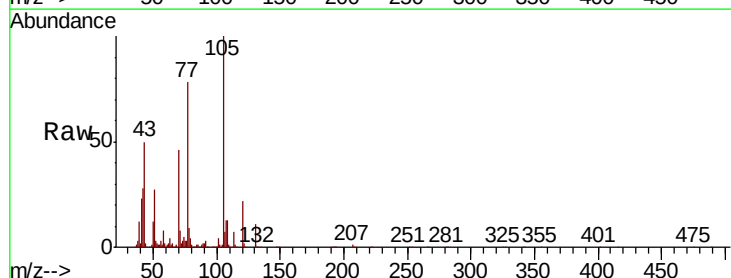
Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22
Acetophenone
Concen: 38.084 ng
RT: 7.33 min Scan# 891
Delta R.T. -0.01 min
Lab File: BF117807.D
Acq: 15 Nov 2019 17:14

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	817090		
71	7.9		4.9	7.3#
51	26.7		22.7	34.1
120	22.4		18.5	27.7



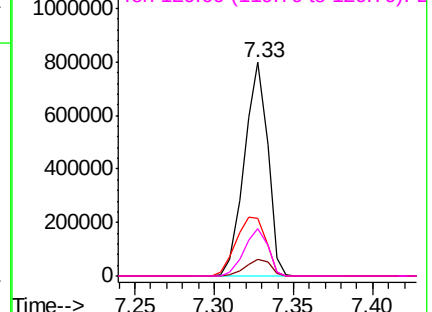
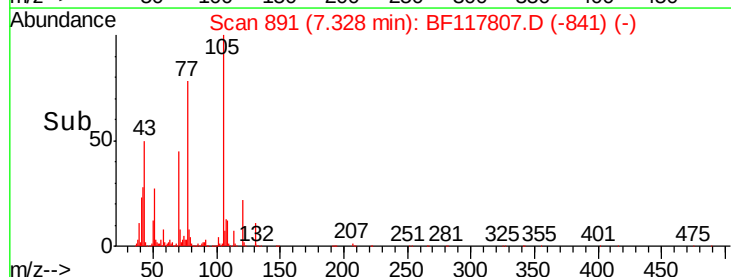
Abundance

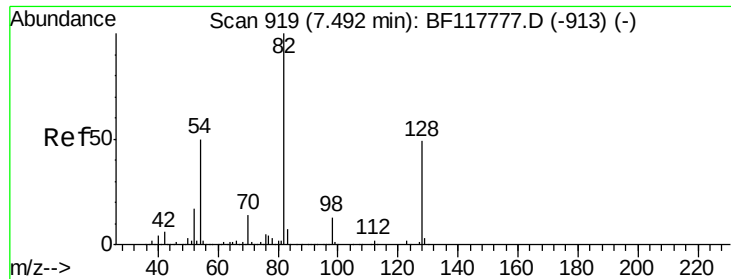
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E





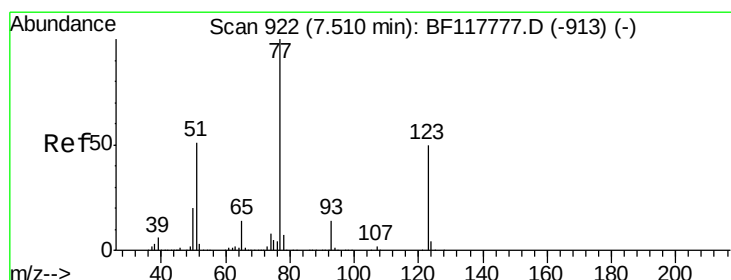
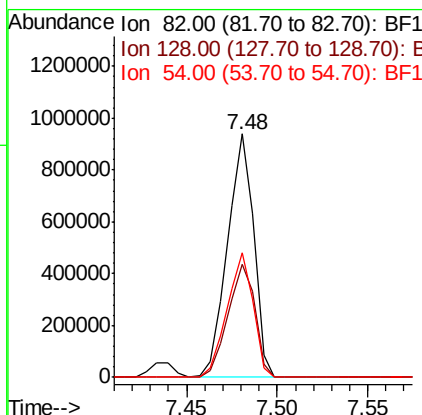
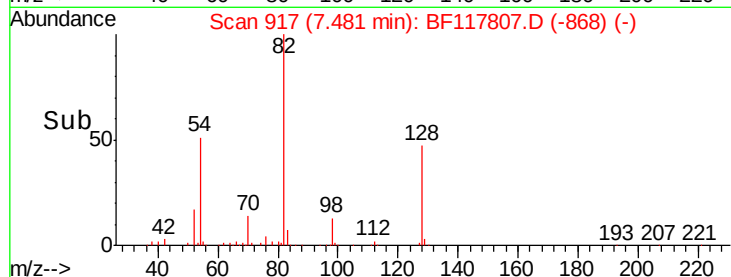
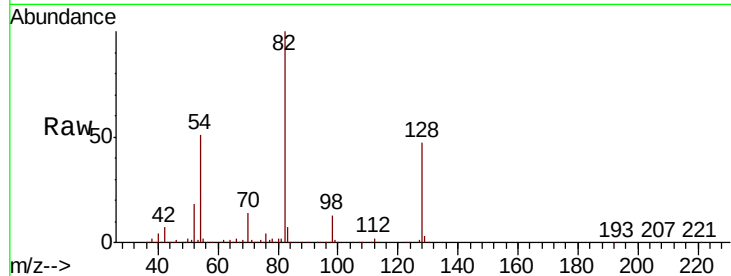
#23
 Nitrobenzene-d5
 Concen: 59.043 ng
 RT: 7.48 min Scan# 917
 Delta R.T. -0.01 min
 Lab File: BF117807.D
 Acq: 15 Nov 2019 17:14

Instrument :
 BNA_F
 ClientSampleId :
 EP-6MSD

Tot Ion	Ratio	Lower	Upper
82	100		
128	46.7	38.9	58.3
54	51.1	39.8	59.6

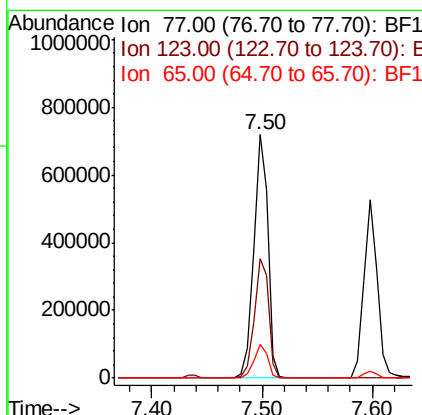
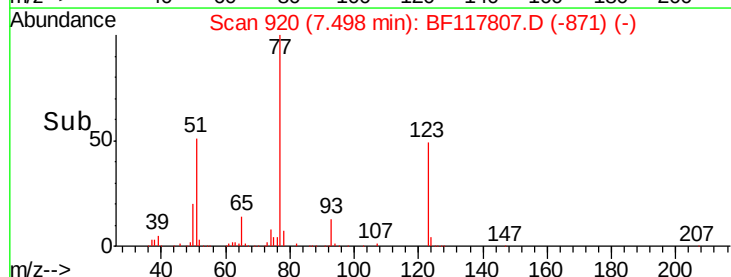
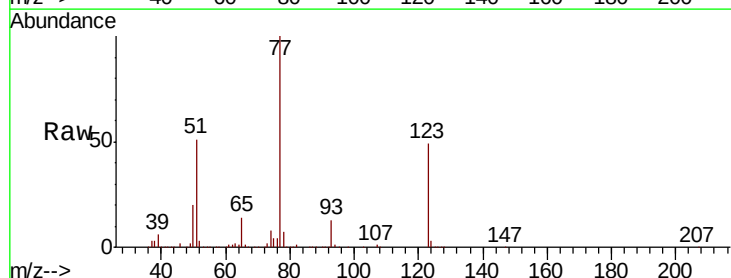
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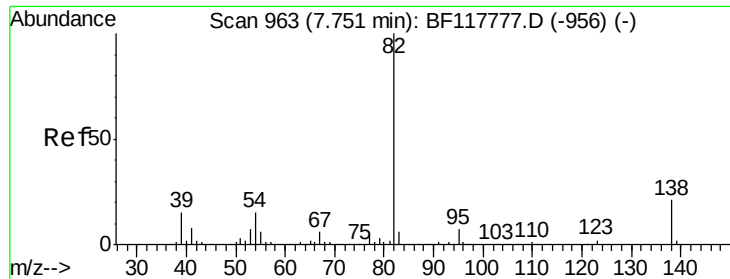
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#24
 Nitrobenzene
 Concen: 38.879 ng
 RT: 7.50 min Scan# 920
 Delta R.T. -0.01 min
 Lab File: BF117807.D
 Acq: 15 Nov 2019 17:14

Tgt Ion	Ratio	Lower	Upper
77	100		
123	48.8	40.3	60.5
65	13.9	10.9	16.3





#25

Isophorone

Concen: 38.219 ng

RT: 7.74 min Scan# 961

Delta R.T. -0.01 min

Lab File: BF117807.D

Acq: 15 Nov 2019 17:14

Instrument :

BNA_F

ClientSampled :

EP-6MSD

Tot Ion: 82 Resp: 1125295

Ion Ratio Lower Upper

82 100

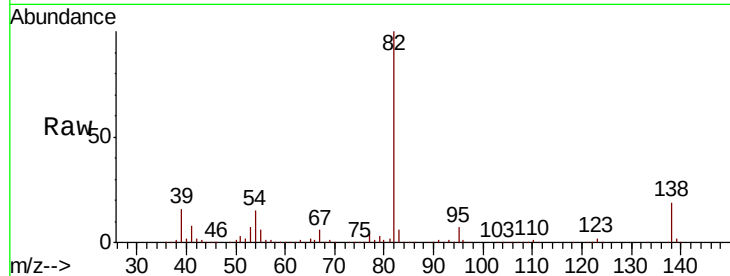
95 7.2 5.8 8.8

138 19.0 16.5 24.7

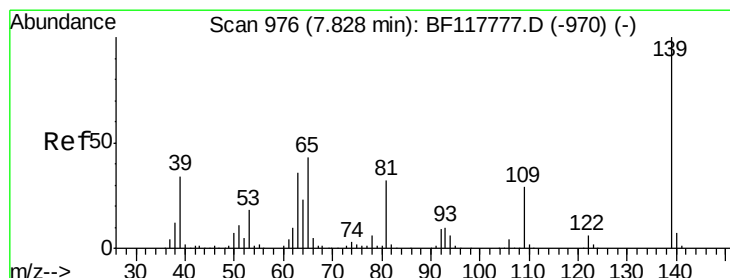
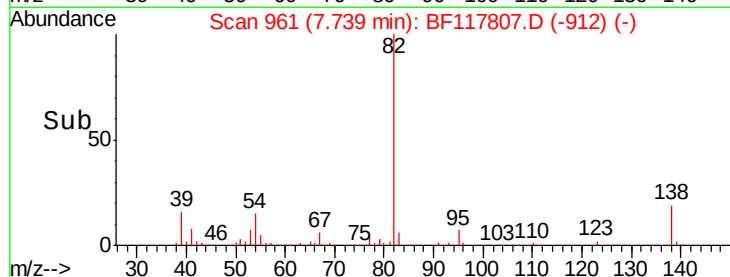
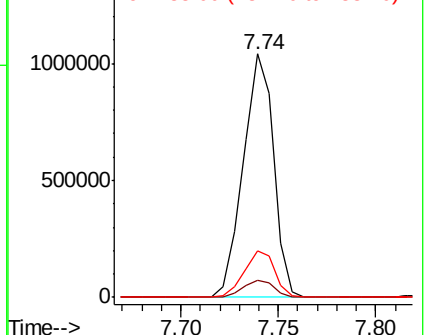
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Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 41.837 ng

RT: 7.82 min Scan# 974

Delta R.T. -0.01 min

Lab File: BF117807.D

Acq: 15 Nov 2019 17:14

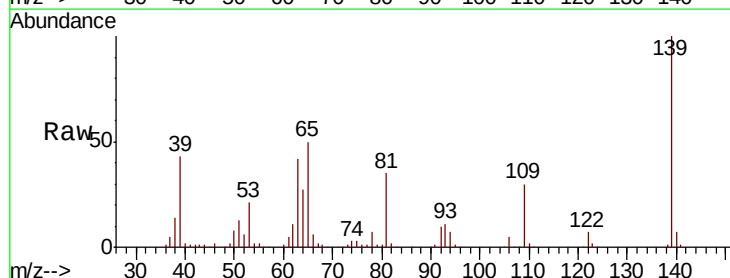
Tgt Ion: 139 Resp: 337461

Ion Ratio Lower Upper

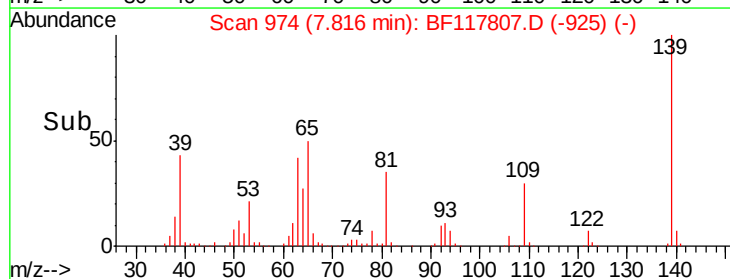
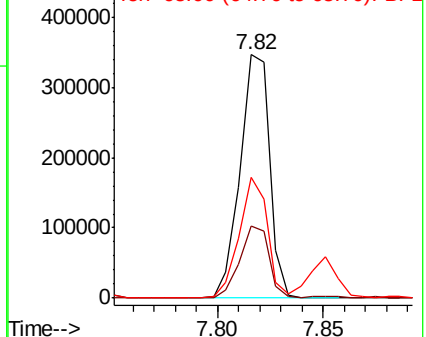
139 100

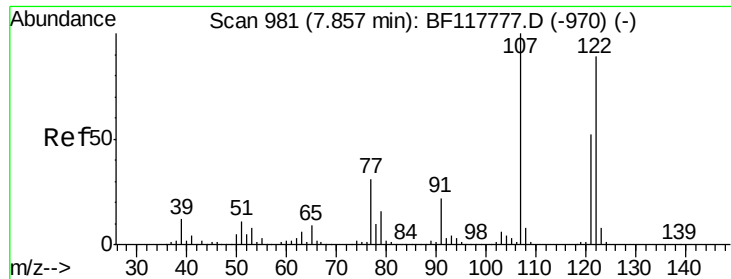
109 29.7 23.0 34.4

65 49.7 34.7 52.1



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





#27

2,4-Dimethylphenol

Concen: 46.034 ng

RT: 7.85 min Scan# 980

Delta R.T. -0.01 min

Lab File: BF117807.D

Acq: 15 Nov 2019 17:14

Instrument :

BNA_F

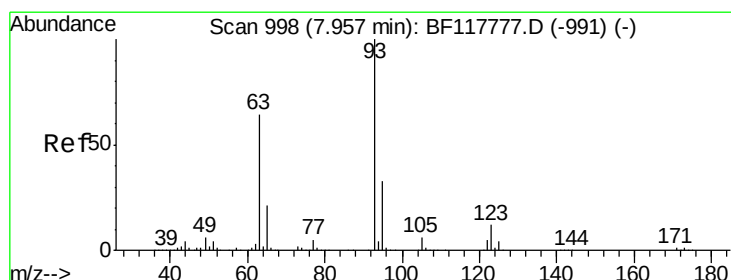
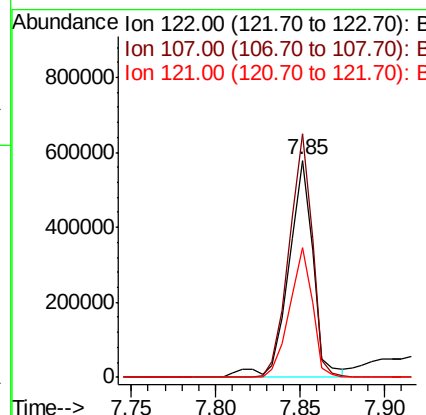
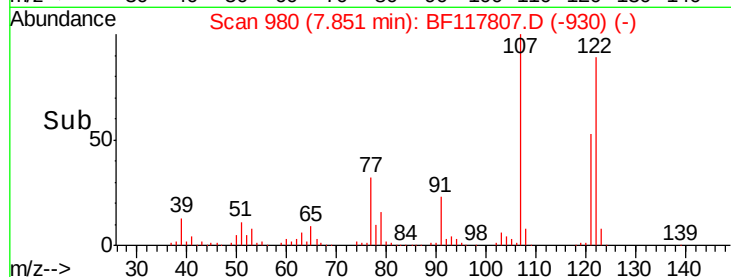
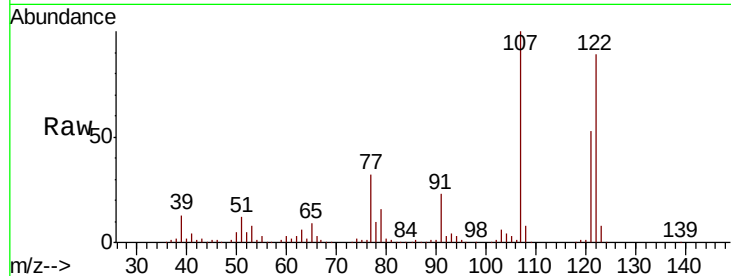
ClientSampleId :

EP-6MSD

Tot Ion	Ratio	Resp	Lower	Upper
122	100	576985		
107	112.0	90.0	135.0	
121	59.5	46.7	70.1	

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#28

bis(2-Chloroethoxy)methane

Concen: 36.321 ng

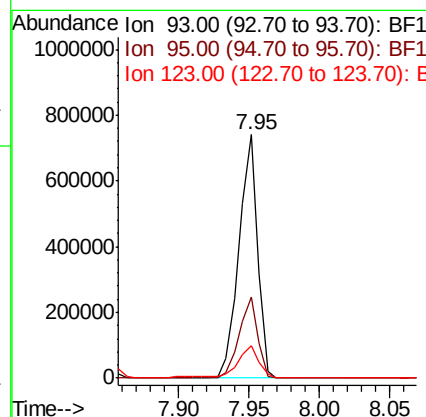
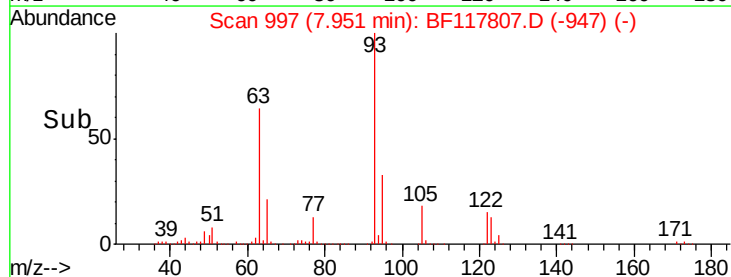
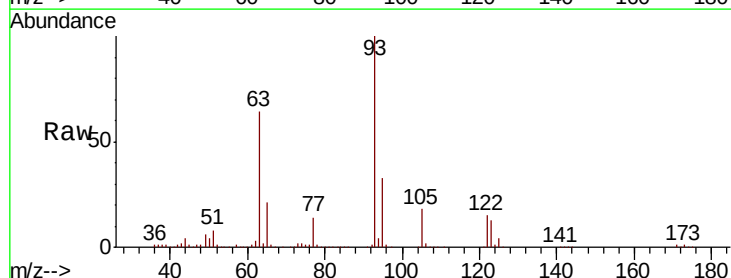
RT: 7.95 min Scan# 997

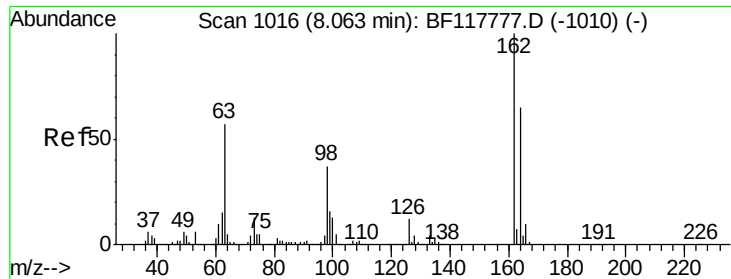
Delta R.T. -0.01 min

Lab File: BF117807.D

Acq: 15 Nov 2019 17:14

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	678618		
95	33.1	26.6	40.0	
123	13.1	10.3	15.5	





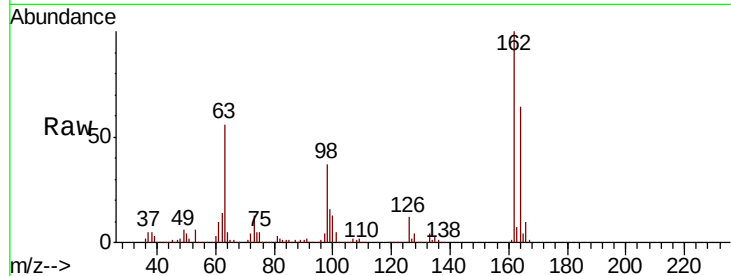
#29
2,4-Dichlorophenol
Concen: 38.656 ng
RT: 8.06 min Scan# 1015
Delta R.T. -0.01 min
Lab File: BF117807.D
Acq: 15 Nov 2019 17:14

Instrument :
BNA_F
ClientSampleId :
EP-6MSD

Tot Ion	Ratio	Resp	Lower	Upper
162	100	525548		
164	64.3	45.1	85.1	
98	36.8	17.2	57.2	

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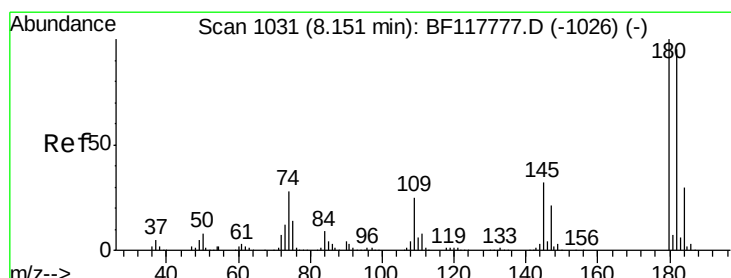
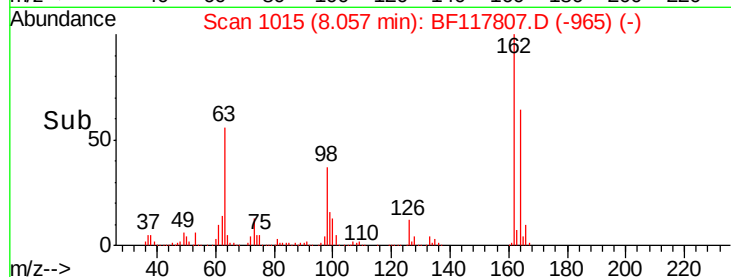
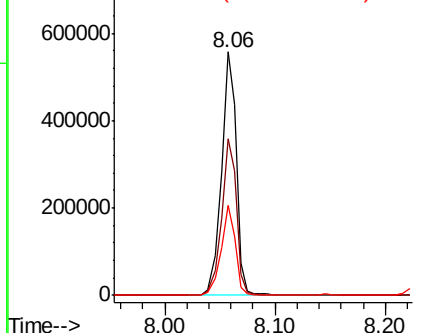


Abundance

Ion 162.00 (161.70 to 162.70): E

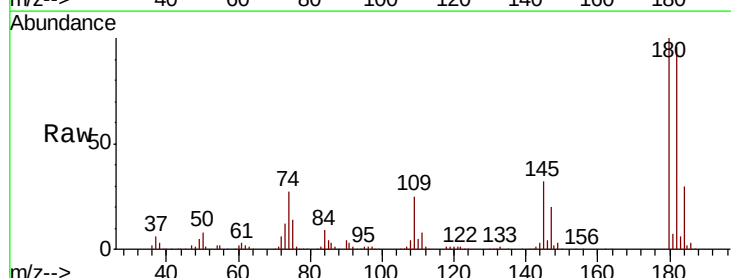
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30
1,2,4-Trichlorobenzene
Concen: 36.607 ng
RT: 8.15 min Scan# 1030
Delta R.T. -0.01 min
Lab File: BF117807.D
Acq: 15 Nov 2019 17:14

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	577289		
182	95.7	75.8	113.6	
145	31.6	25.5	38.3	

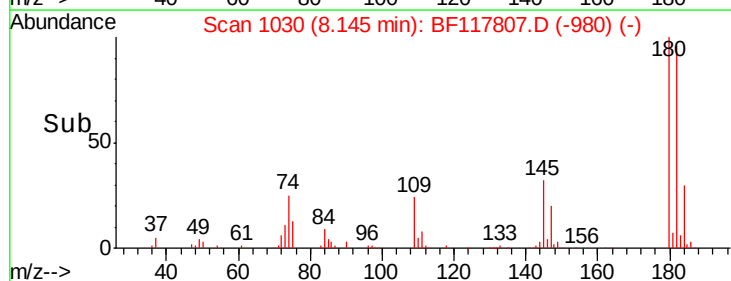
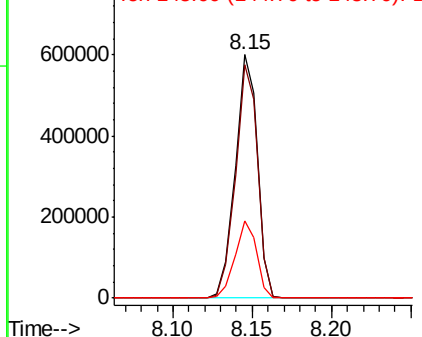


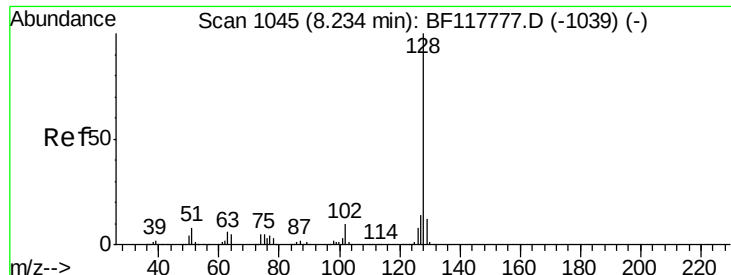
Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





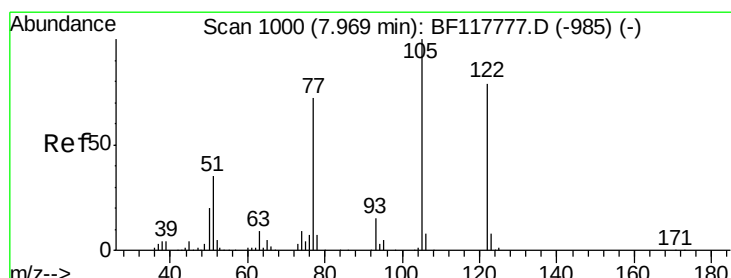
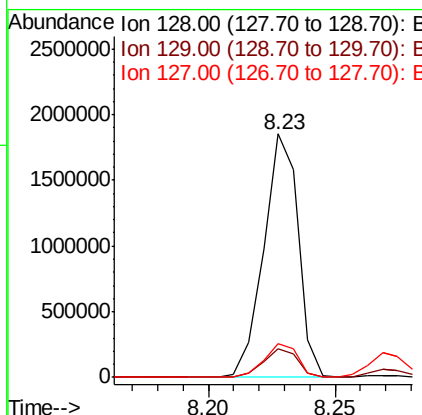
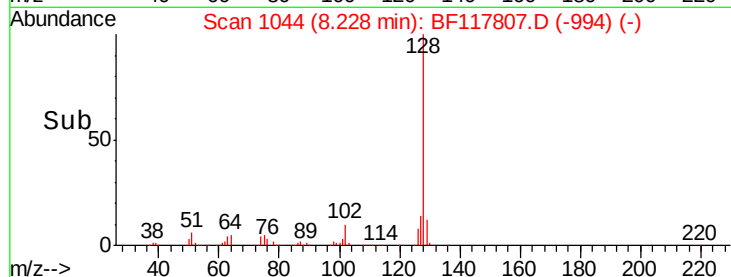
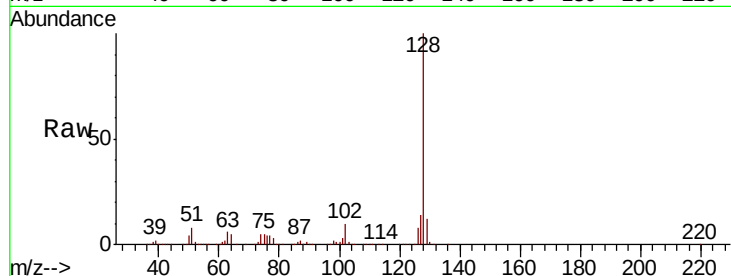
#31
Naphthalene
Concen: 39.710 ng
RT: 8.23 min Scan# 1044
Delta R.T. -0.01 min
Lab File: BF117807.D
Acq: 15 Nov 2019 17:14

Instrument :
BNA_F
ClientSampleId :
EP-6MSD

Tot Ion:128 Resp: 1767850
Ion Ratio Lower Upper
128 100
129 11.7 9.5 14.3
127 13.7 11.3 16.9

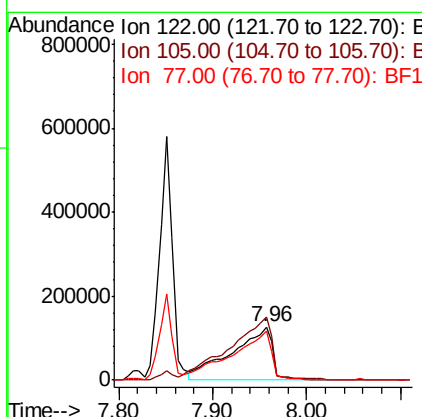
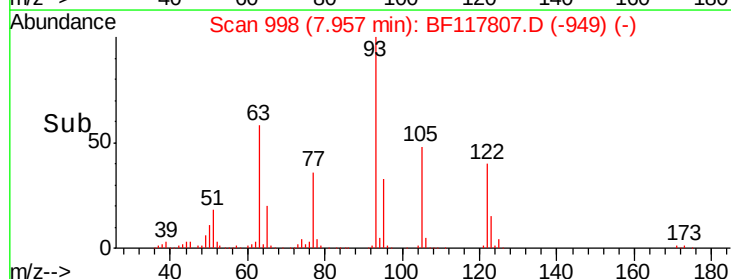
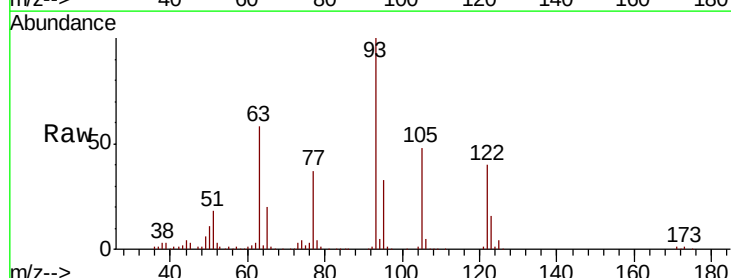
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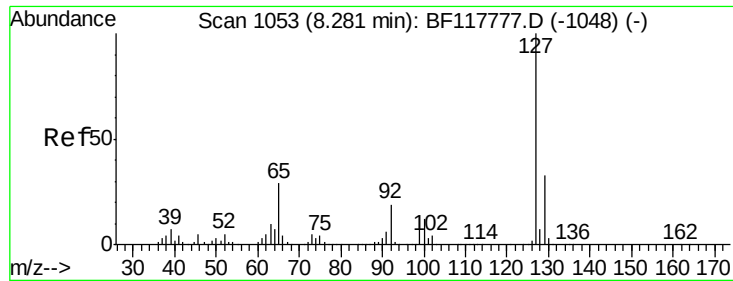
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#32
Benzoic acid
Concen: 36.203 ng
RT: 7.96 min Scan# 998
Delta R.T. -0.01 min
Lab File: BF117807.D
Acq: 15 Nov 2019 17:14

Tgt Ion:122 Resp: 379937
Ion Ratio Lower Upper
122 100
105 119.3 102.7 142.7
77 92.4 70.5 110.5





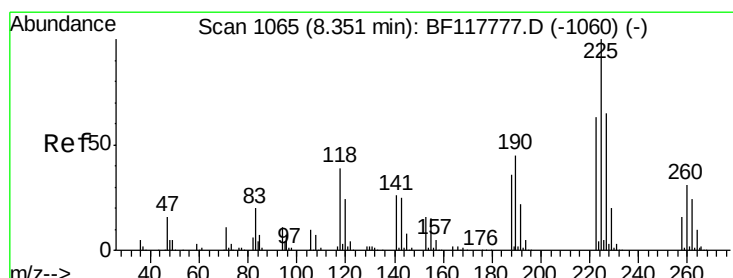
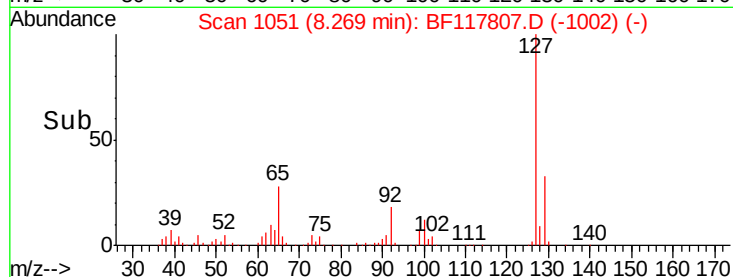
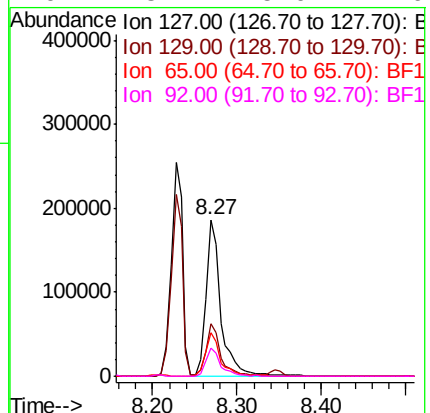
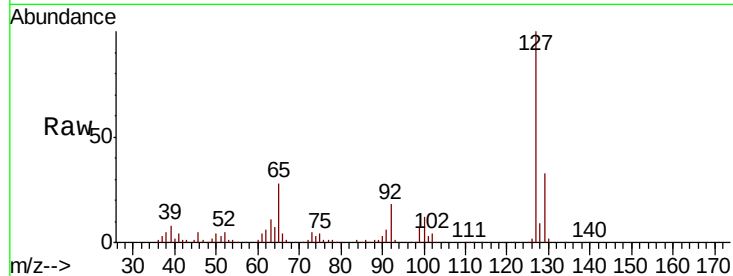
#33
4-Chloroaniline
Concen: 11.278 ng
RT: 8.27 min Scan# 1051
Delta R.T. -0.01 min
Lab File: BF117807.D
Acq: 15 Nov 2019 17:14

Instrument :
BNA_F
ClientSampleId :
EP-6MSD

Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	33.2	26.5	39.7	
65	28.2	22.9	34.3	
92	18.4	15.0	22.6	

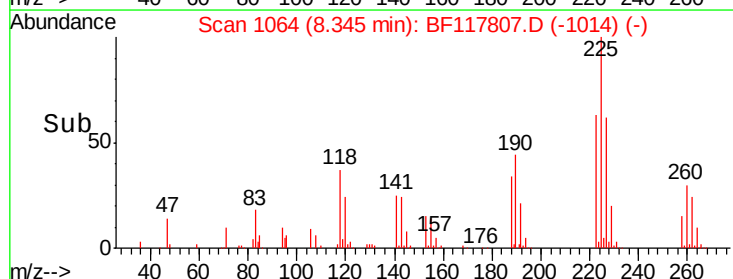
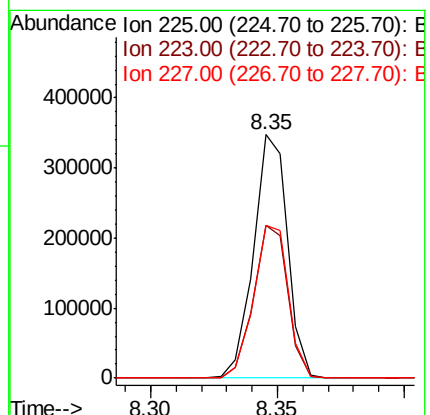
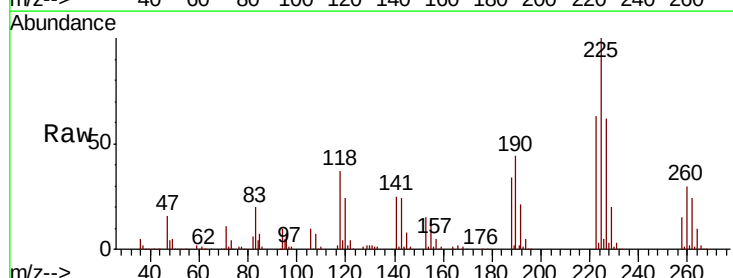
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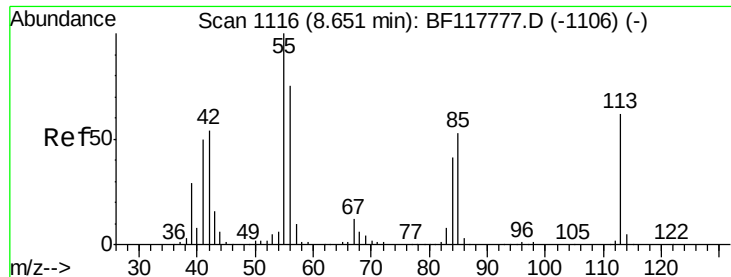
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#34
Hexachlorobutadiene
Concen: 34.964 ng
RT: 8.35 min Scan# 1064
Delta R.T. -0.01 min
Lab File: BF117807.D
Acq: 15 Nov 2019 17:14

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	62.9	50.0	75.0	
227	62.5	51.8	77.6	





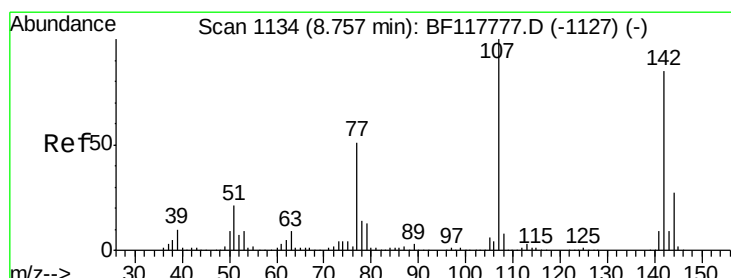
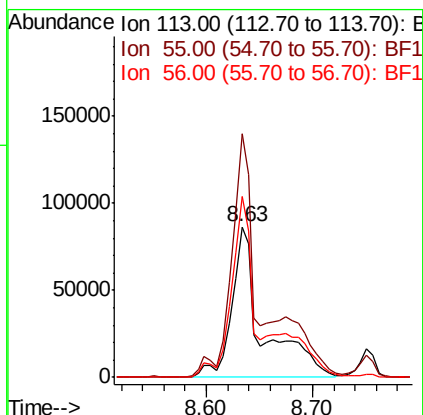
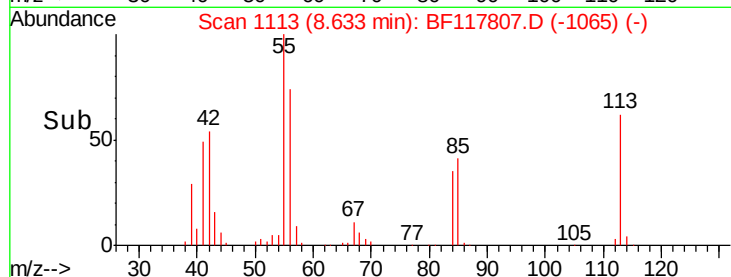
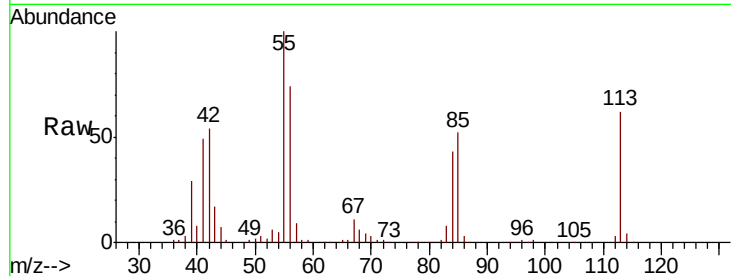
#35
Caprolactam
Concen: 40.357 ng/ml
RT: 8.63 min Scan# 1113
Delta R.T. -0.02 min
Lab File: BF117807.D
Acq: 15 Nov 2019 17:14

Instrument :
BNA_F
ClientSampleId :
EP-6MSD

Tot Ion	Ratio	Lower	Upper
113	100		
55	161.5	141.1	181.1
56	119.8	100.5	140.5

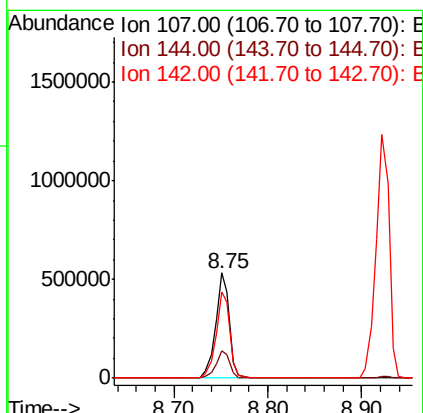
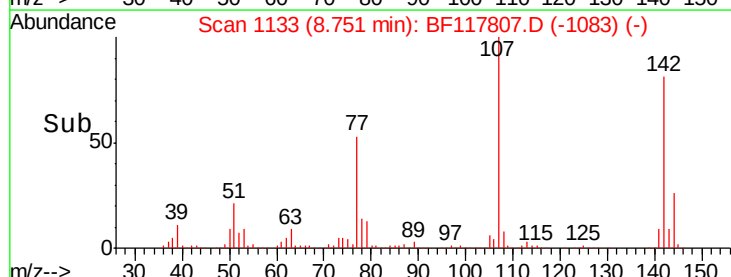
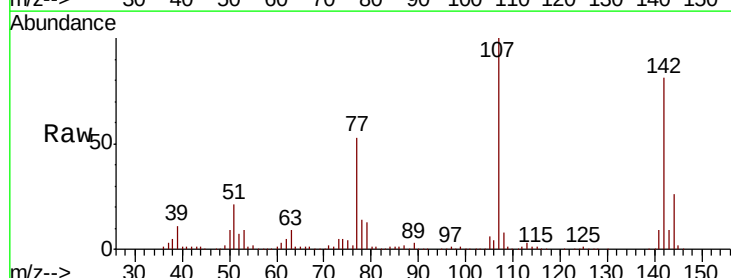
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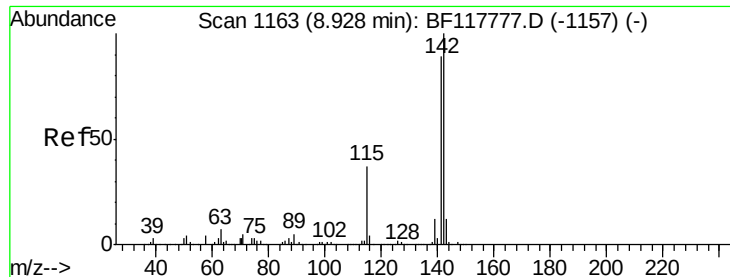
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#36
4-Chloro-3-methylphenol
Concen: 39.698 ng/ml
RT: 8.75 min Scan# 1133
Delta R.T. -0.01 min
Lab File: BF117807.D
Acq: 15 Nov 2019 17:14

Tgt Ion	Ratio	Lower	Upper
107	100		
144	26.4	21.9	32.9
142	81.3	67.7	101.5





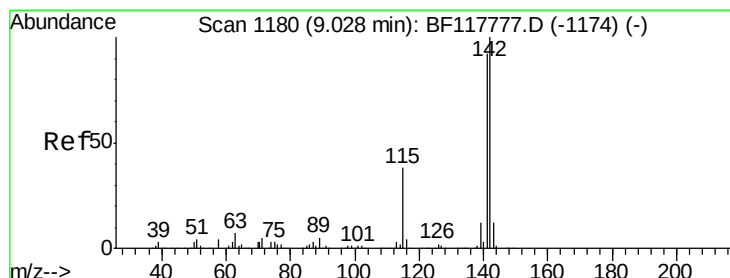
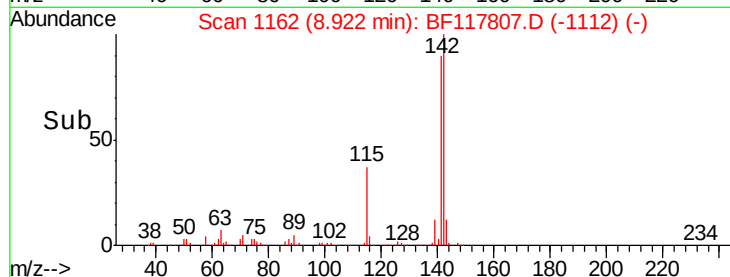
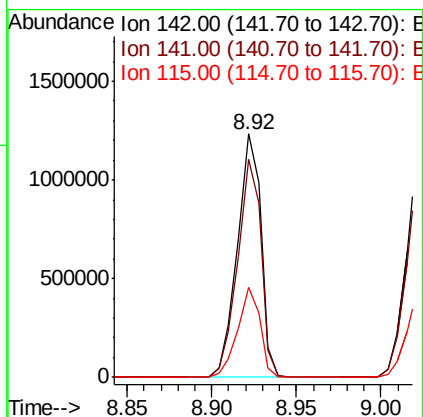
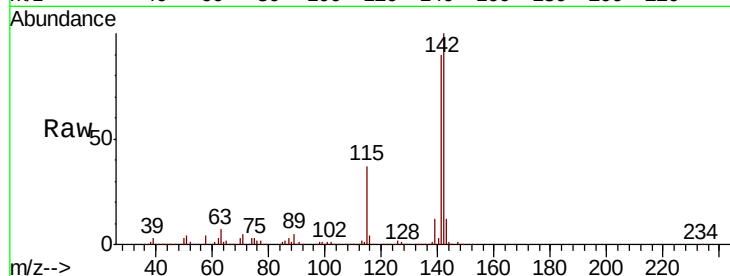
#37
2-Methylnaphthalene
Concen: 39.956 ng
RT: 8.92 min Scan# 1162
Delta R.T. -0.01 min
Lab File: BF117807.D
Acq: 15 Nov 2019 17:14

Instrument :
BNA_F
ClientSampleId :
EP-6MSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.7	71.1	106.7
115	36.7	29.2	43.8

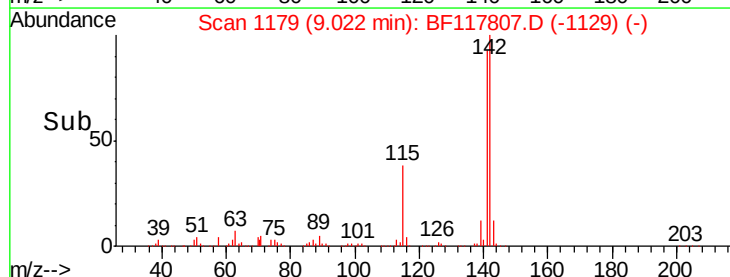
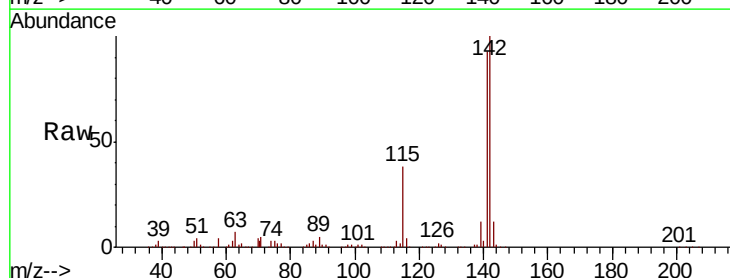
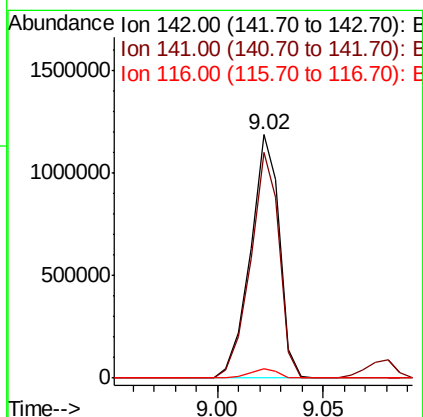
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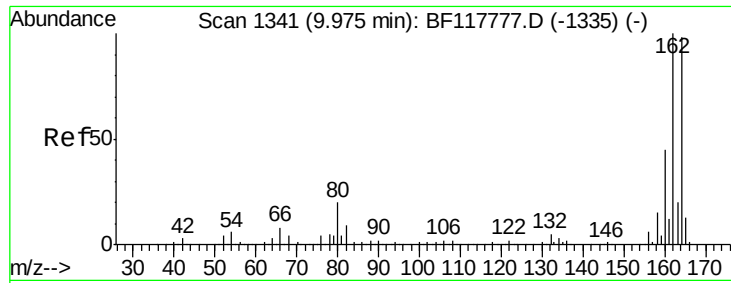
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#38
1-Methylnaphthalene
Concen: 39.816 ng
RT: 9.02 min Scan# 1179
Delta R.T. -0.01 min
Lab File: BF117807.D
Acq: 15 Nov 2019 17:14

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.6	73.5	110.3
116	3.9	3.2	4.8





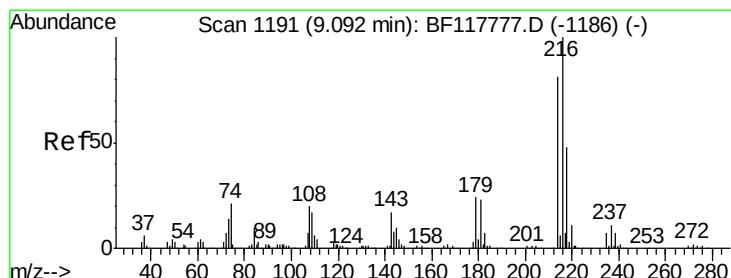
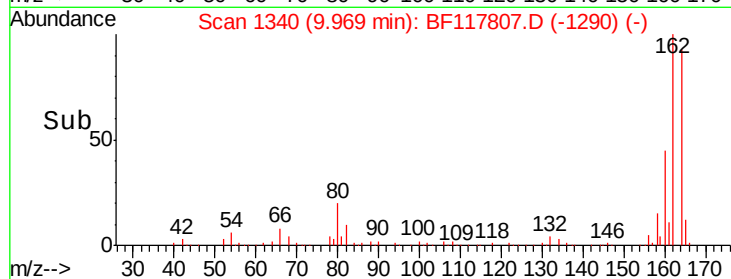
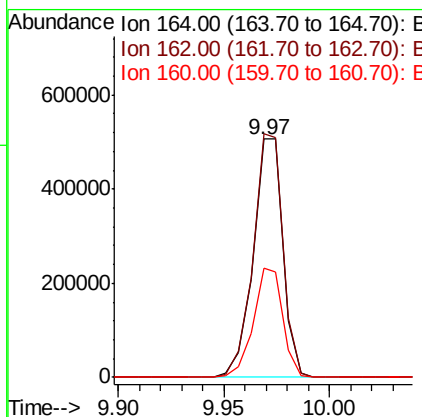
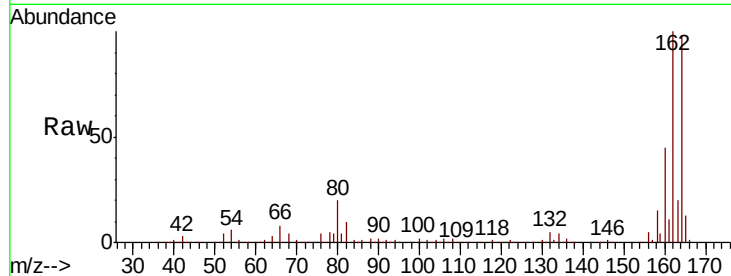
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.97 min Scan# 1340
Delta R.T. -0.01 min
Lab File: BF117807.D
Acq: 15 Nov 2019 17:14

Instrument :
BNA_F
ClientSampleId :
EP-6MSD

Tot Ion	Ratio	Lower	Upper
164	100		
162	102.2	81.3	121.9
160	45.8	36.6	55.0

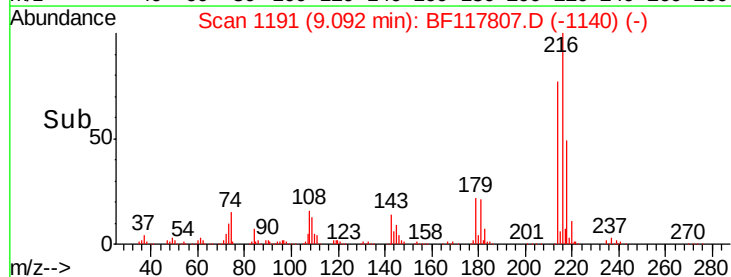
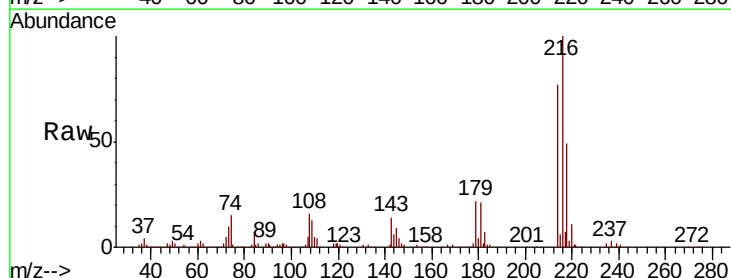
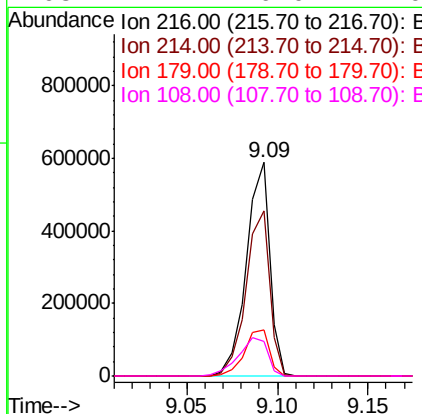
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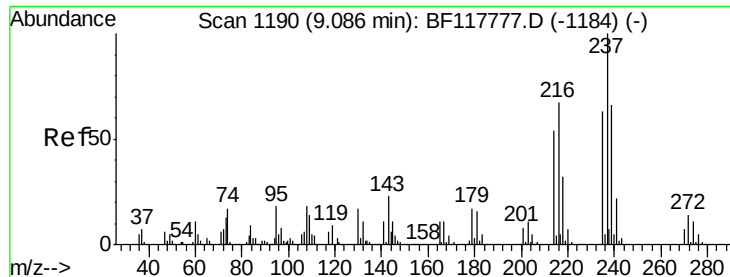
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 36.499 ng
RT: 9.09 min Scan# 1191
Delta R.T. -0.00 min
Lab File: BF117807.D
Acq: 15 Nov 2019 17:14

Tgt Ion	Ratio	Lower	Upper
216	100		
214	78.8	63.4	95.0
179	22.7	18.2	27.4
108	22.4	16.0	24.0





#41

Hexachlorocyclopentadiene

Concen: 83.277 ng

RT: 9.08 min Scan# 1189

Delta R.T. -0.01 min

Lab File: BF117807.D

Acq: 15 Nov 2019 17:14

Instrument :

BNA_F

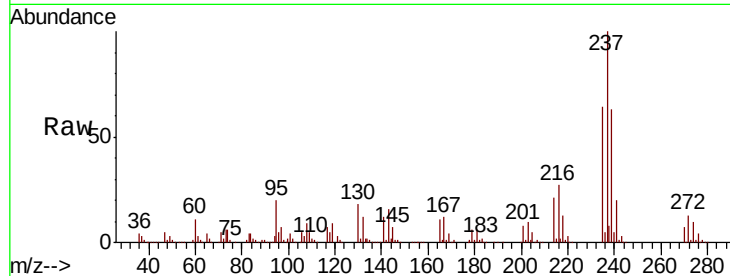
ClientSampleId :

EP-6MSD

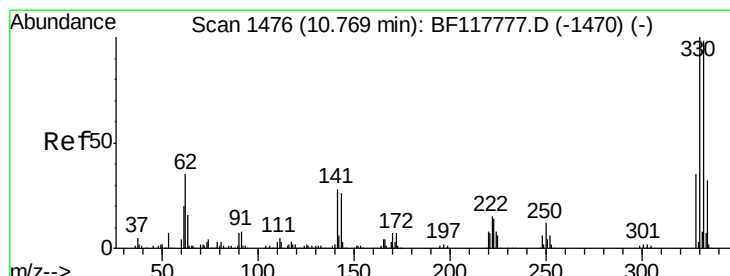
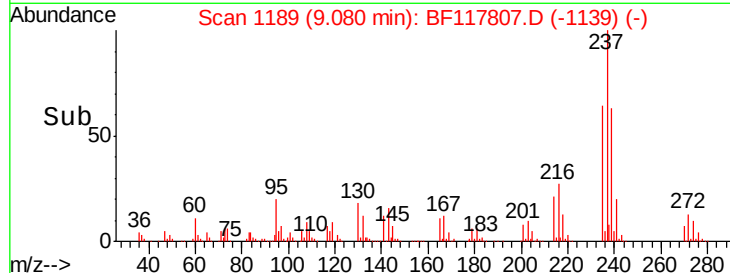
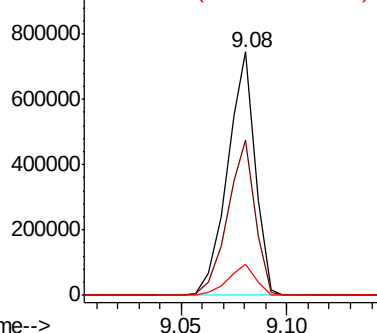
Tot Ion:	237	Resp:	675840
Ion Ratio		Lower	Upper
237	100		
235	63.7	42.6	82.6
272	12.9	0.0	34.3

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



#42

2,4,6-Tribromophenol

Concen: 86.477 ng

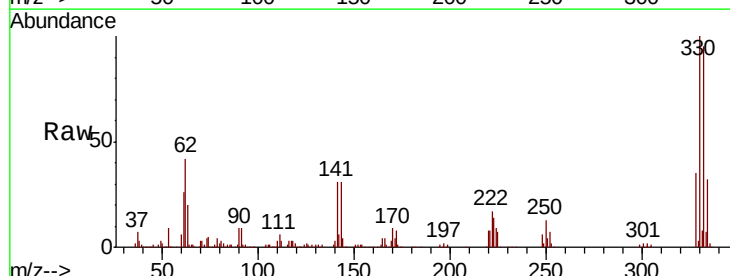
RT: 10.76 min Scan# 1475

Delta R.T. -0.01 min

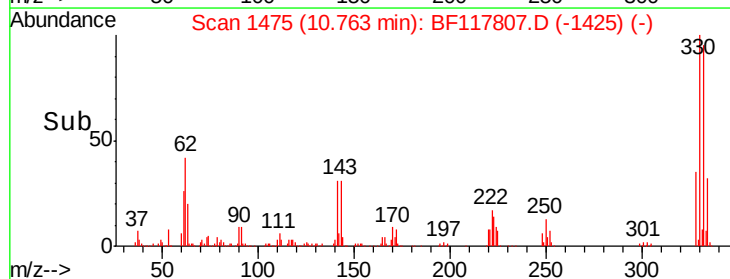
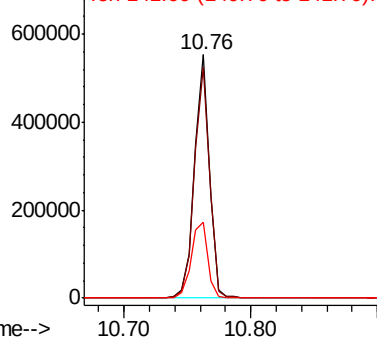
Lab File: BF117807.D

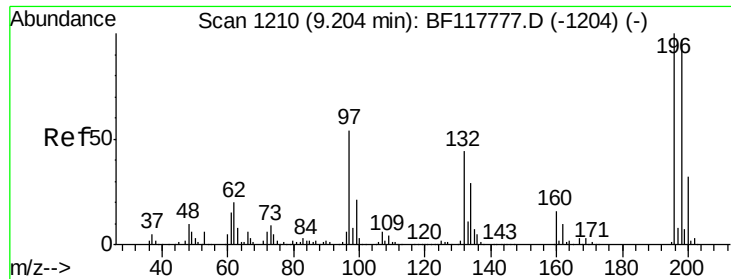
Acq: 15 Nov 2019 17:14

Tgt Ion:	330	Resp:	456542
Ion Ratio		Lower	Upper
330	100		
332	96.4	76.7	115.1
141	35.0	27.7	41.5



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





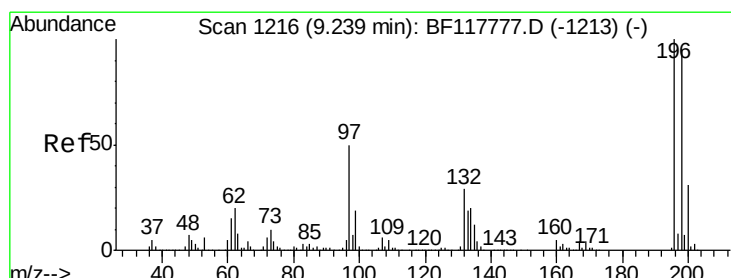
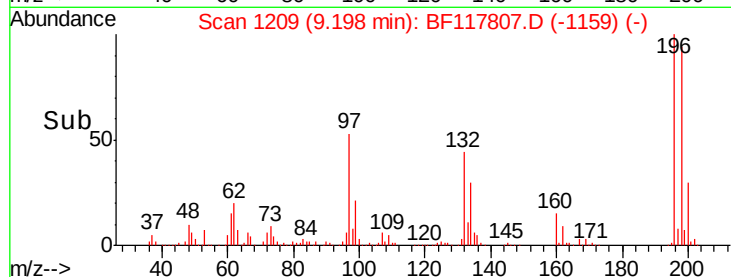
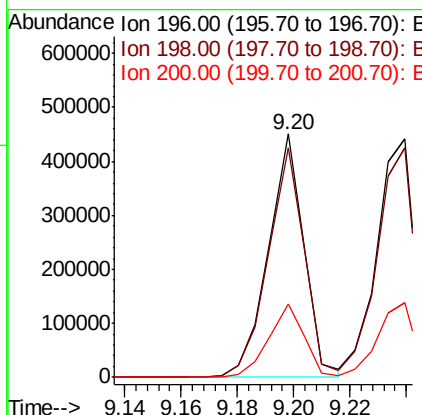
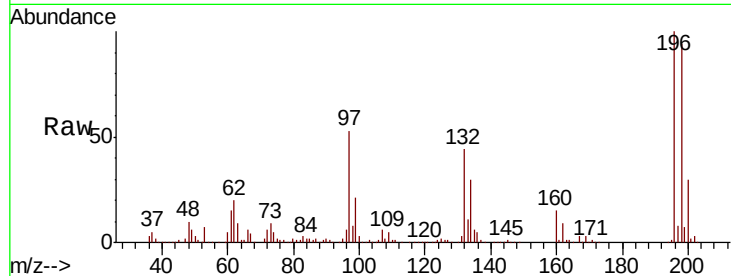
#43
 2,4,6-Trichlorophenol
 Concen: 38.020 ng
 RT: 9.20 min Scan# 1209
 Delta R.T. -0.01 min
 Lab File: BF117807.D
 Acq: 15 Nov 2019 17:14

Instrument :
 BNA_F
 ClientSampleId :
 EP-6MSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	394370		
198	94.4	77.8	116.6	
200	30.0	25.4	38.0	

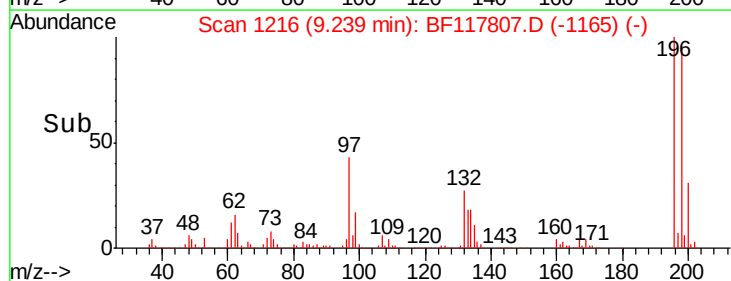
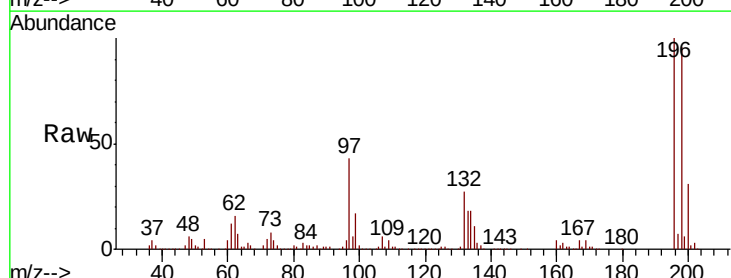
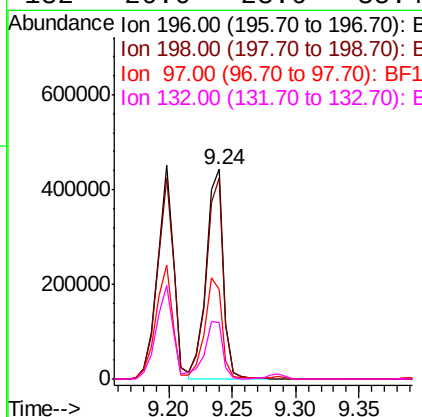
Manual Integrations
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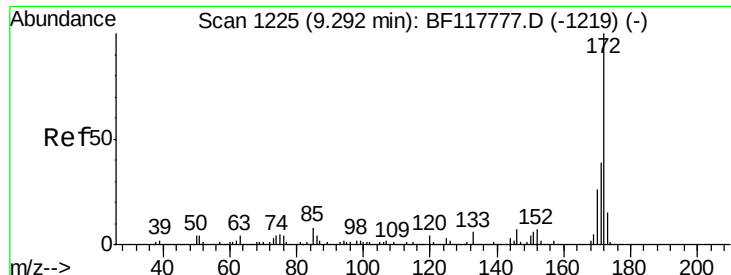
mohammad
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#44
 2,4,5-Trichlorophenol
 Concen: 39.226 ng
 RT: 9.24 min Scan# 1216
 Delta R.T. -0.00 min
 Lab File: BF117807.D
 Acq: 15 Nov 2019 17:14

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	422451		
198	96.1	76.3	114.5	
97	42.7	40.0	60.0	
132	26.6	23.6	35.4	





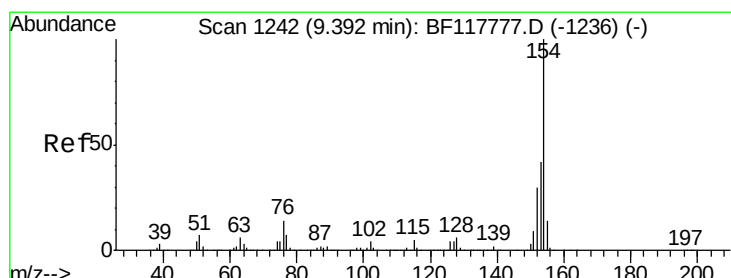
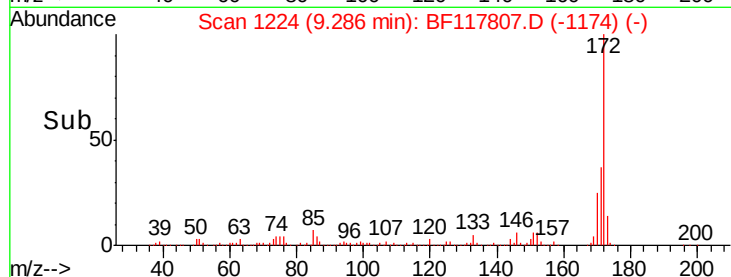
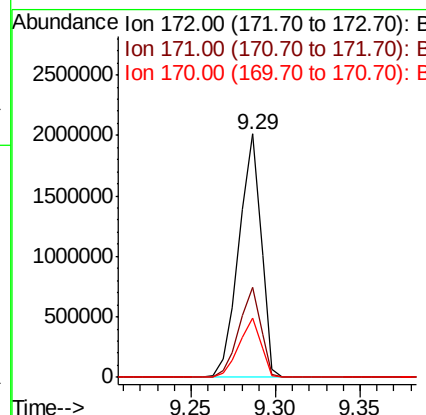
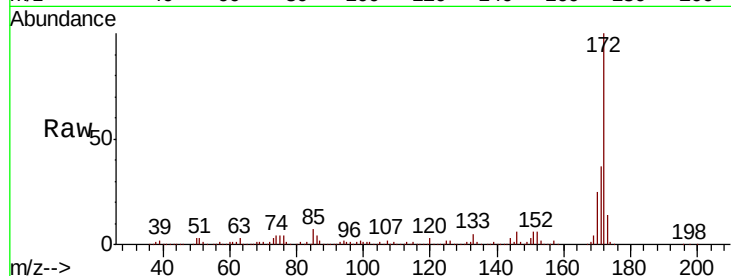
#45
2-Fluorobiphenyl
Concen: 66.400 ng
RT: 9.29 min Scan# 1224
Delta R.T. -0.01 min
Lab File: BF117807.D
Acq: 15 Nov 2019 17:14

Instrument :
BNA_F
ClientSampleId :
EP-6MSD

Tot Ion	Ion	Ratio	Lower	Upper
172	100			
171	37.0	30.9	46.3	
170	24.5	21.0	31.4	

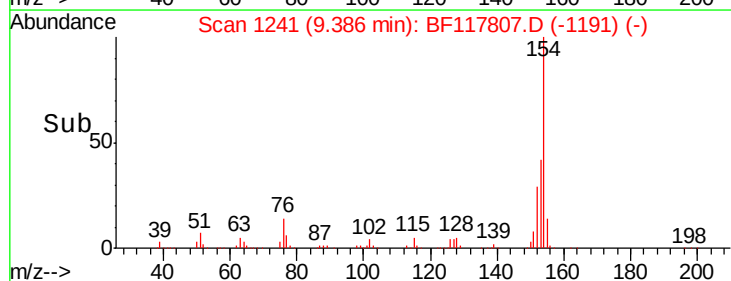
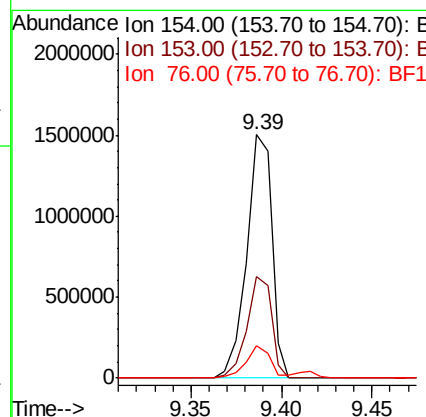
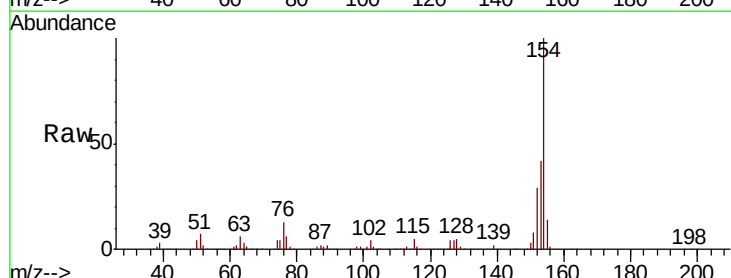
Manual Integrations
APPROVED

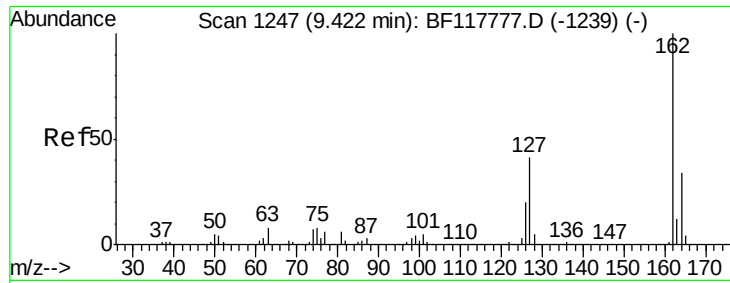
mohammad
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#46
1,1'-Biphenyl
Concen: 39.226 ng
RT: 9.39 min Scan# 1241
Delta R.T. -0.01 min
Lab File: BF117807.D
Acq: 15 Nov 2019 17:14

Tgt Ion	Ion	Ratio	Lower	Upper
154	100			
153	41.6	21.9	61.9	
76	13.5	0.0	33.6	





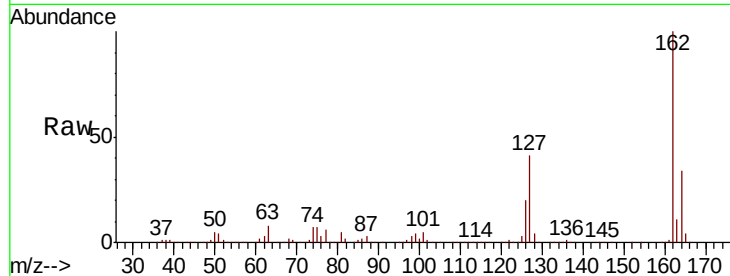
#47
2-Chloronaphthalene
Concen: 37.342 ng
RT: 9.42 min Scan# 1246
Delta R.T. -0.01 min
Lab File: BF117807.D
Acq: 15 Nov 2019 17:14

Instrument :
BNA_F
ClientSampleId :
EP-6MSD

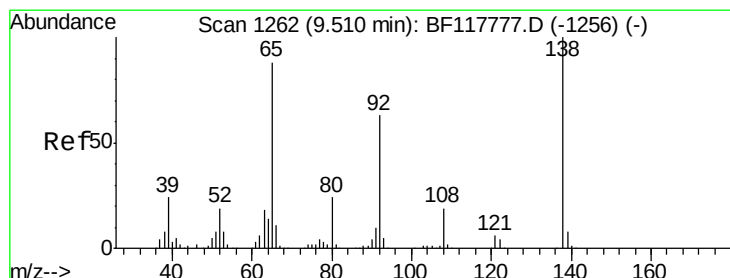
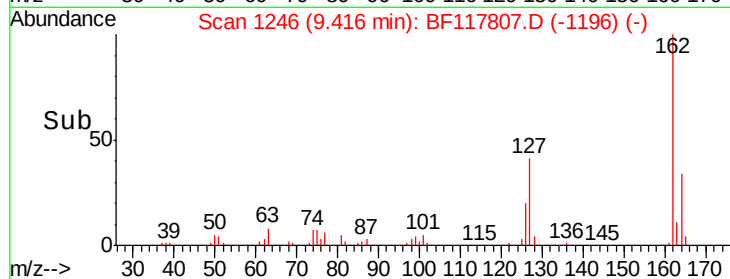
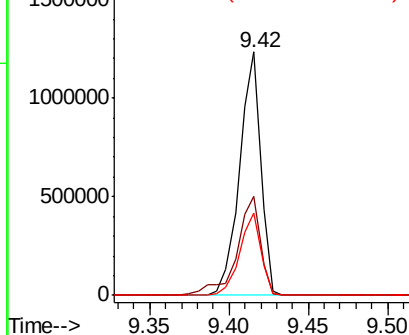
Tot Ion	Ratio	Lower	Upper
162	100		
127	40.9	33.2	49.8
164	33.6	27.3	40.9

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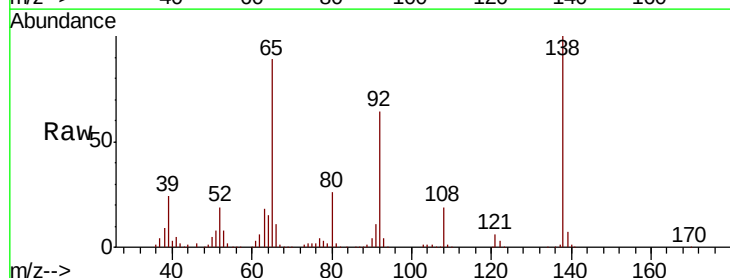


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

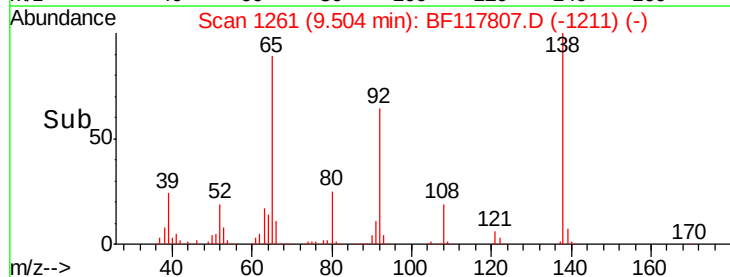
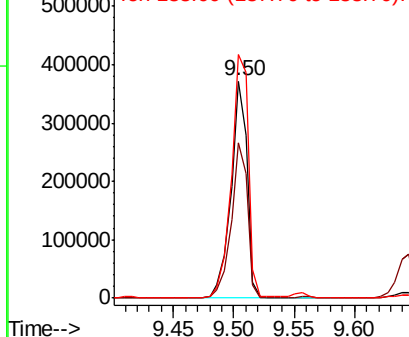


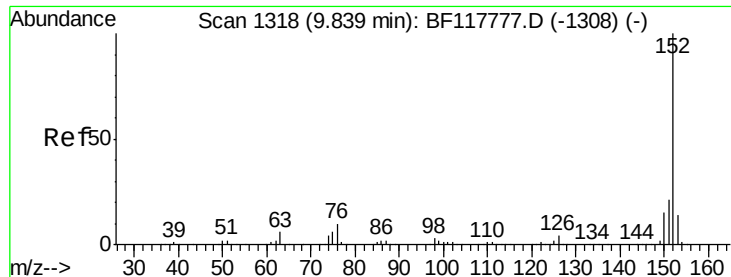
#48
2-Nitroaniline
Concen: 37.543 ng
RT: 9.50 min Scan# 1261
Delta R.T. -0.01 min
Lab File: BF117807.D
Acq: 15 Nov 2019 17:14

Tgt Ion	Ratio	Lower	Upper
65	100		
92	71.2	56.6	84.8
138	112.0	90.5	135.7



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





#49

Acenaphthylene

Concen: 39.868 ng

RT: 9.83 min Scan# 1317

Delta R.T. -0.01 min

Lab File: BF117807.D

Acq: 15 Nov 2019 17:14

Instrument :

BNA_F

ClientSampled :

EP-6MSD

Tot Ion:152 Resp: 1769084

Ion Ratio Lower Upper

152 100

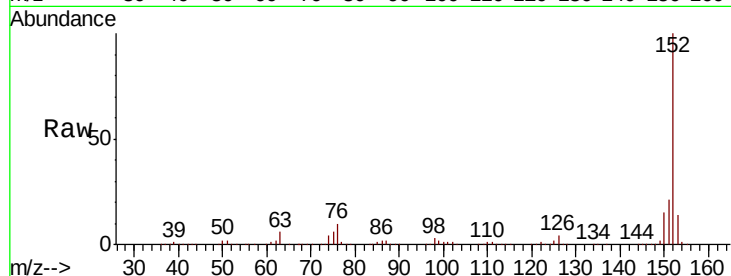
151 21.4 17.0 25.6

153 13.9 11.0 16.6

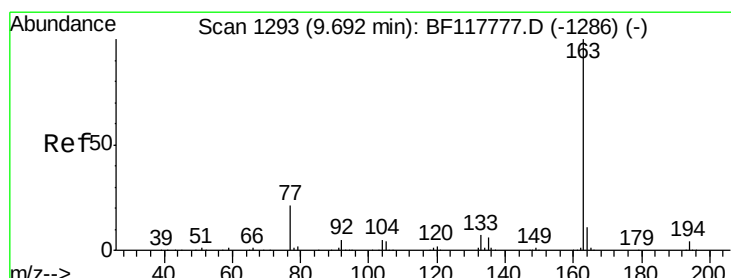
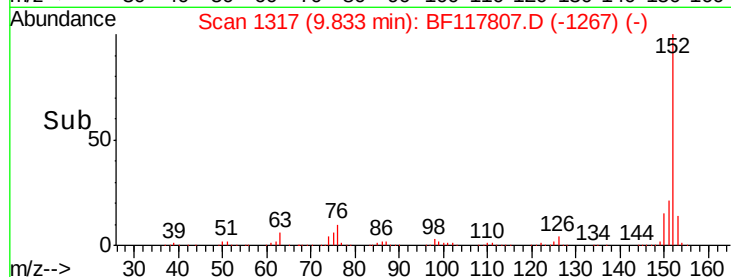
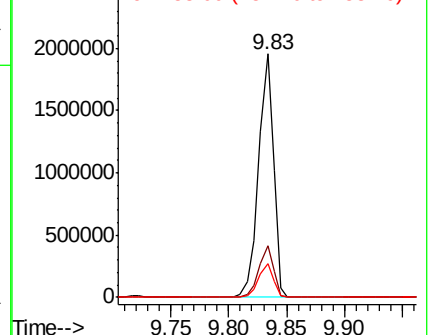
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Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 42.109 ng

RT: 9.69 min Scan# 1292

Delta R.T. -0.01 min

Lab File: BF117807.D

Acq: 15 Nov 2019 17:14

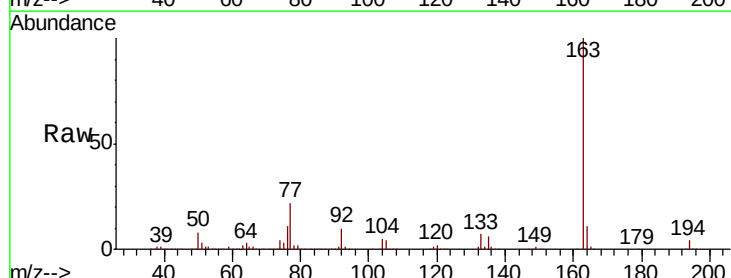
Tgt Ion:163 Resp: 1472505

Ion Ratio Lower Upper

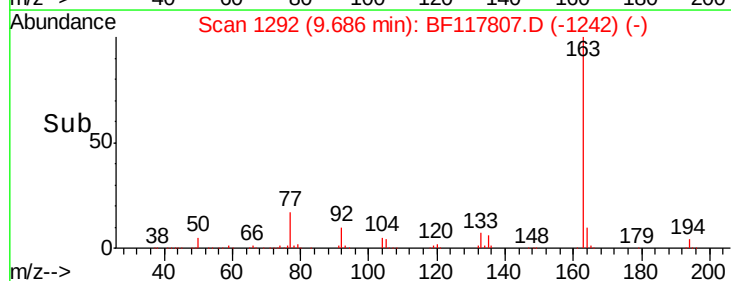
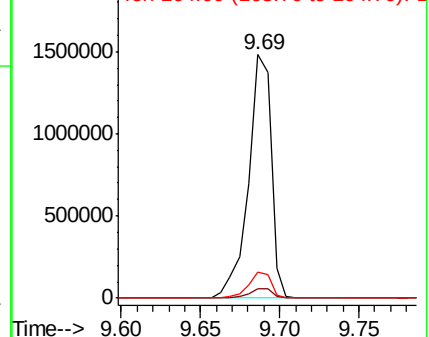
163 100

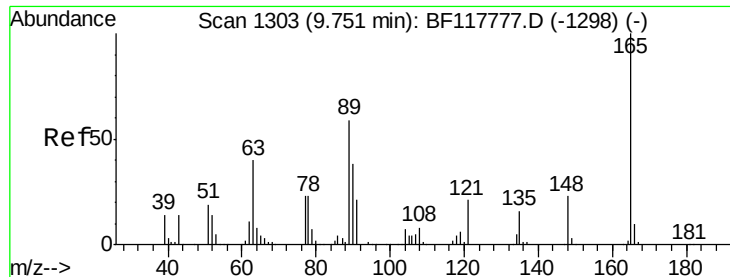
194 4.0 3.3 4.9

164 10.9 8.7 13.1



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





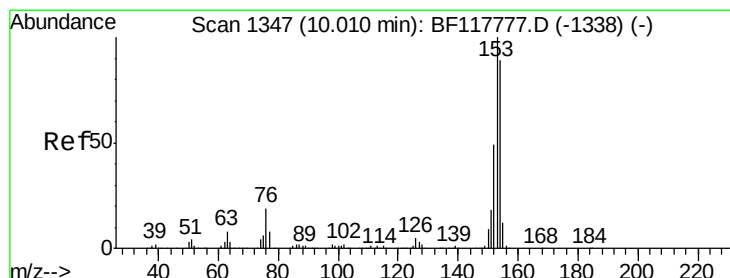
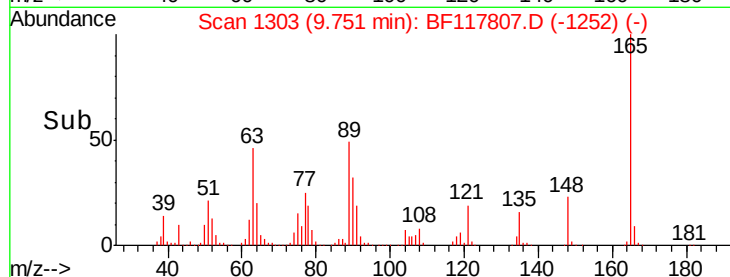
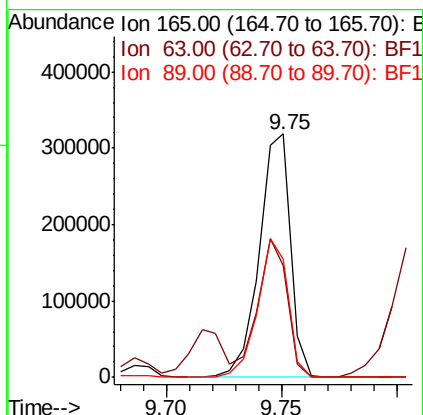
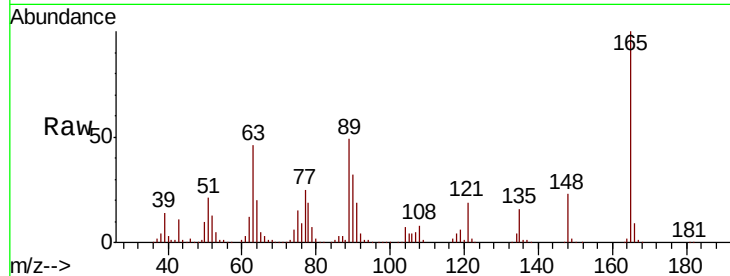
#51
 2,6-Dinitrotoluene
 Concen: 39.413 ng
 RT: 9.75 min Scan# 1303
 Delta R.T. -0.00 min
 Lab File: BF117807.D
 Acq: 15 Nov 2019 17:14

Instrument :
 BNA_F
 ClientSampleId :
 EP-6MSD

Tot Ion	Ratio	Resp	Lower	Upper
165	100	301216		
63	46.1		46.0	69.0
89	48.7		47.7	71.5

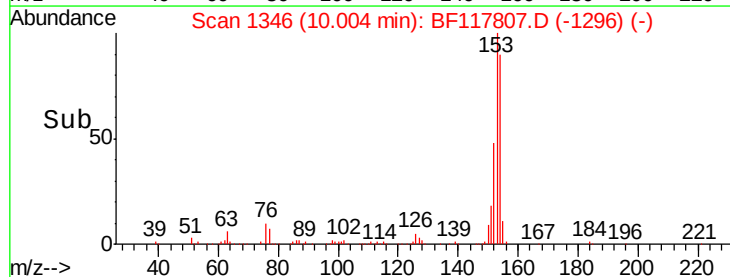
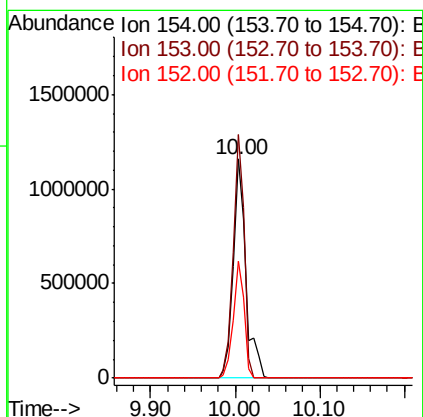
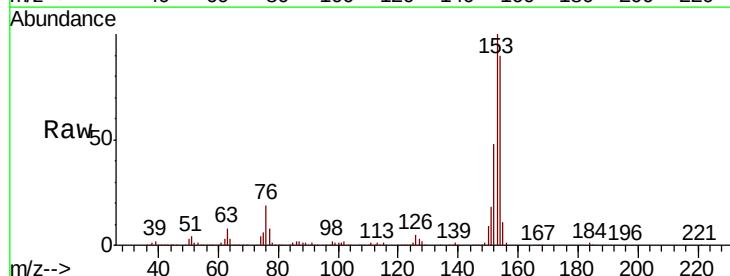
Manual Integrations
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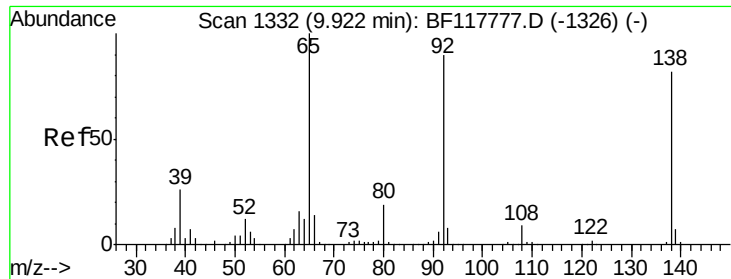
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#52
 Acenaphthene
 Concen: 41.667 ng
 RT: 10.00 min Scan# 1346
 Delta R.T. -0.01 min
 Lab File: BF117807.D
 Acq: 15 Nov 2019 17:14

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	1184382		
153	111.2		90.1	135.1
152	53.6		44.0	66.0





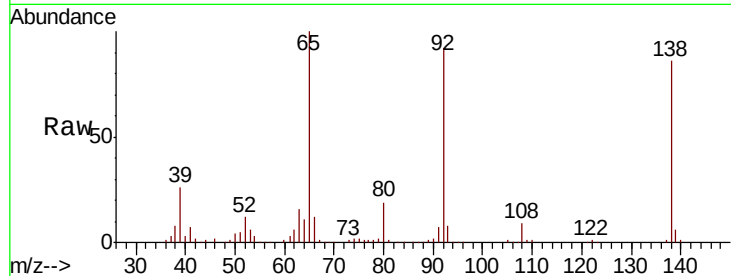
#53
3-Nitroaniline
Concen: 20.836 ng
RT: 9.92 min Scan# 1331
Delta R.T. -0.01 min
Lab File: BF117807.D
Acq: 15 Nov 2019 17:14

Instrument :
BNA_F
ClientSampleId :
EP-6MSD

Tot Ion	Ratio	Lower	Upper
138	100		
108	10.1	8.6	12.8
92	107.0	87.9	131.9

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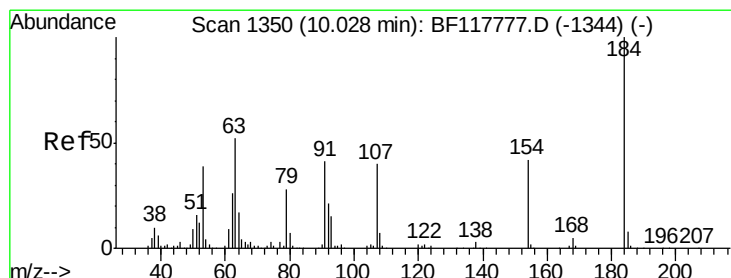
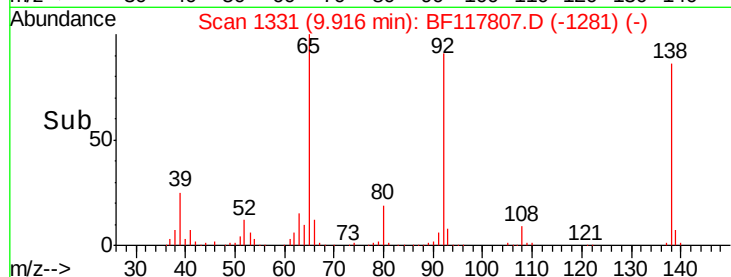
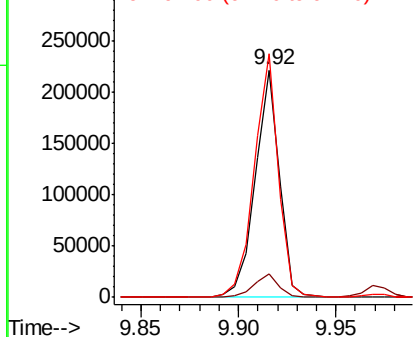


Abundance

Ion 138.00 (137.70 to 138.70): E

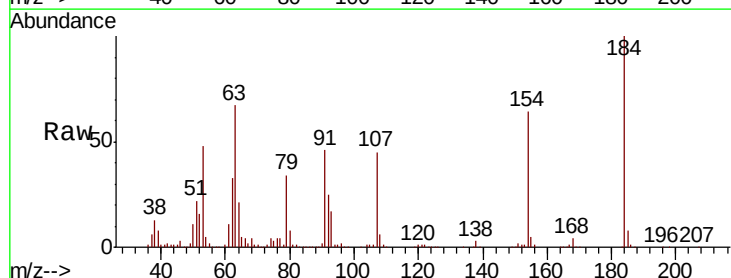
Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1



#54
2,4-Dinitrophenol
Concen: 72.515 ng
RT: 10.02 min Scan# 1349
Delta R.T. -0.01 min
Lab File: BF117807.D
Acq: 15 Nov 2019 17:14

Tgt Ion	Ratio	Lower	Upper
184	100		
63	66.9	43.0	64.6#
154	63.8	48.0	72.0

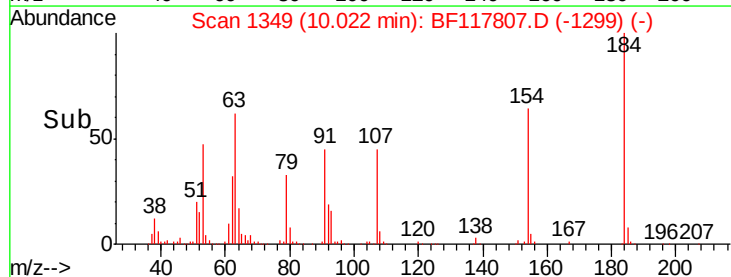
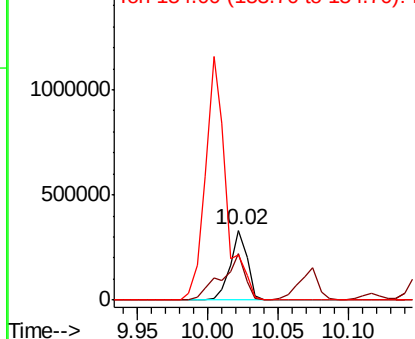


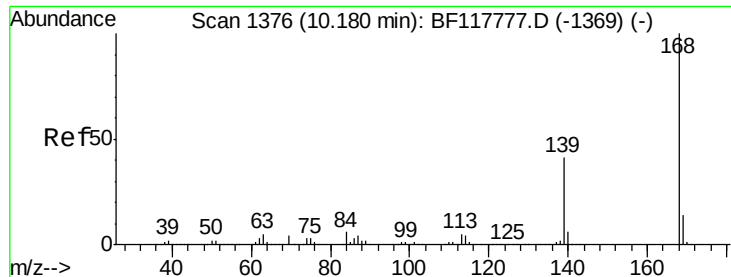
Abundance

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





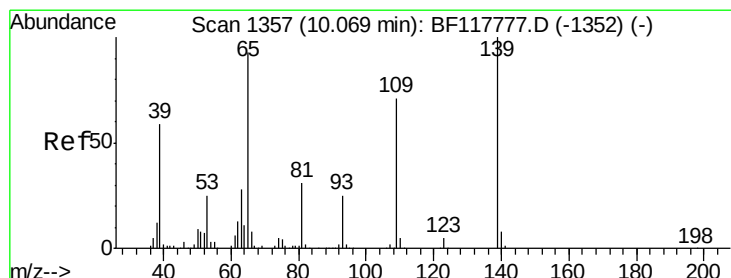
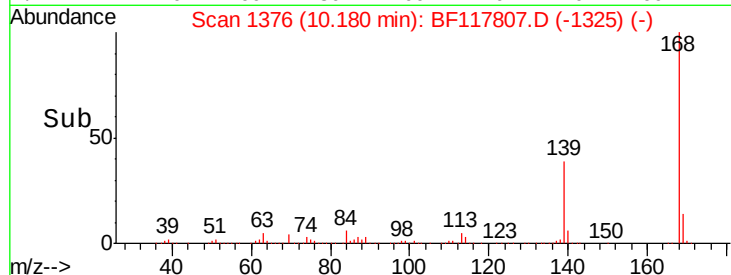
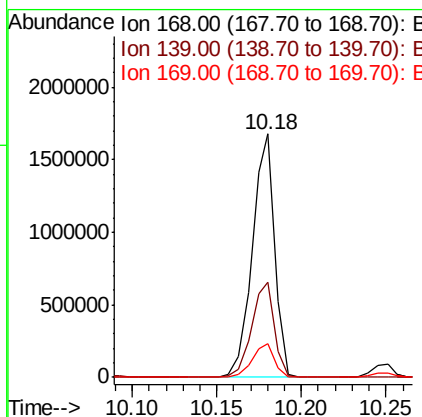
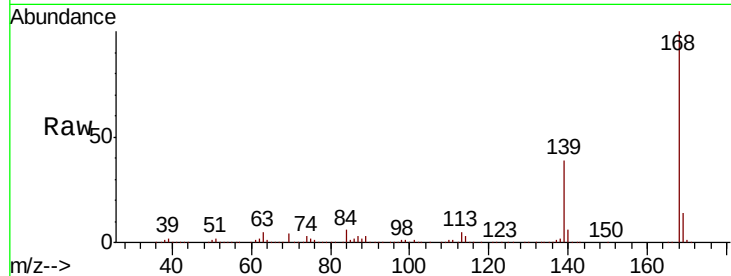
#55
Dibenzofuran
Concen: 39.465 ng
RT: 10.18 min Scan# 1376
Delta R.T. -0.00 min
Lab File: BF117807.D
Acq: 15 Nov 2019 17:14

Instrument :
BNA_F
ClientSampleId :
EP-6MSD

Tot Ion:168 Resp: 1553409
Ion Ratio Lower Upper
168 100
139 39.1 33.0 49.6
169 13.7 11.5 17.3

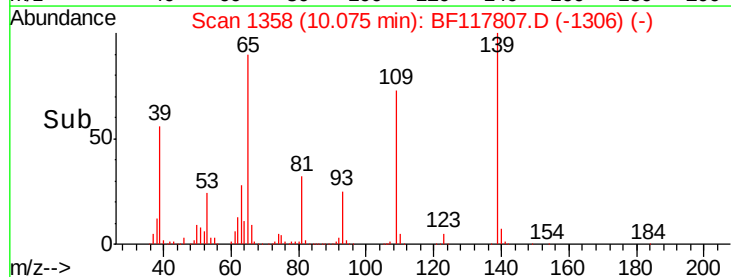
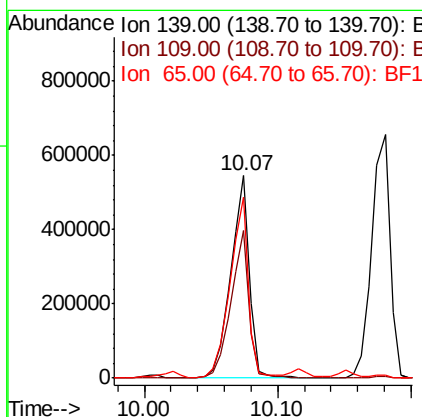
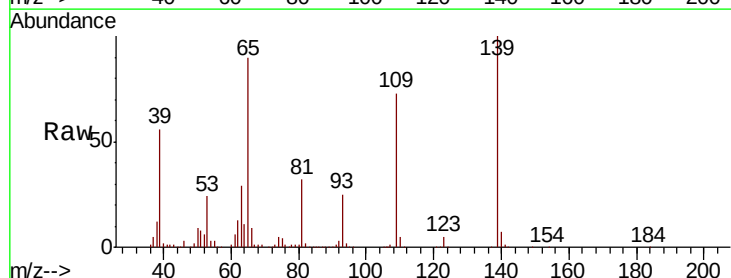
Manual Integrations
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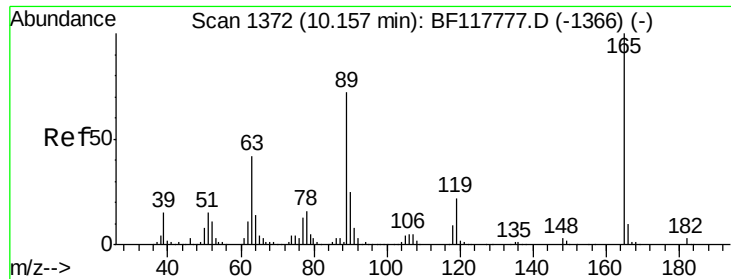
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#56
4-Nitrophenol
Concen: 78.996 ng
RT: 10.07 min Scan# 1358
Delta R.T. 0.01 min
Lab File: BF117807.D
Acq: 15 Nov 2019 17:14

Tgt Ion:139 Resp: 539231
Ion Ratio Lower Upper
139 100
109 72.8 50.8 90.8
65 89.7 73.6 113.6





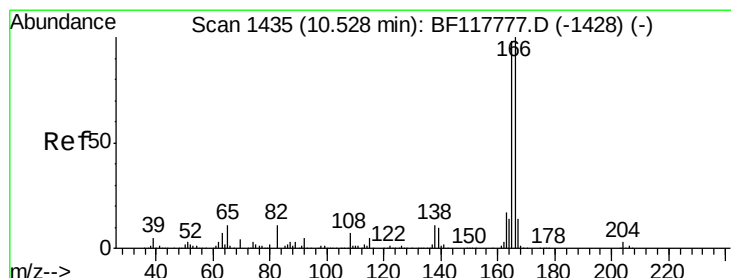
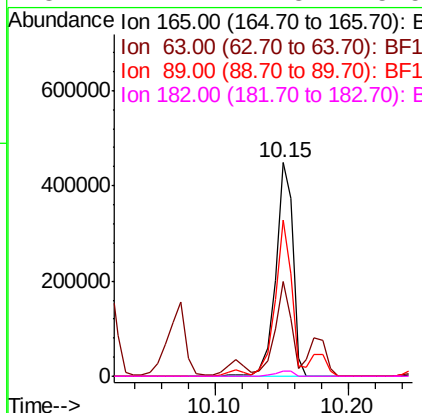
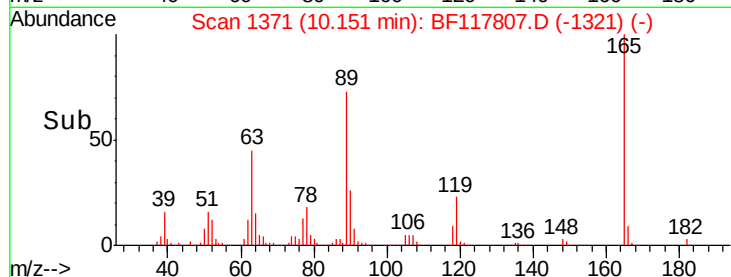
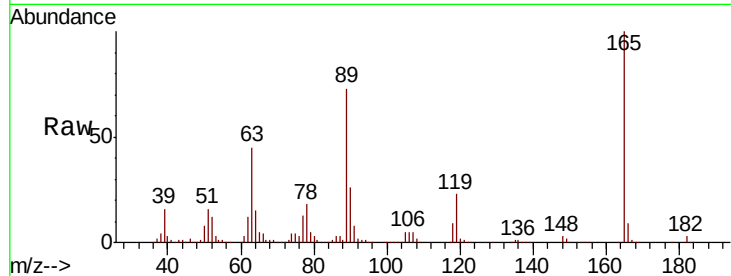
#57
2,4-Dinitrotoluene
Concen: 41.741 ng
RT: 10.15 min Scan# 1371
Delta R.T. -0.01 min
Lab File: BF117807.D
Acq: 15 Nov 2019 17:14

Instrument :
BNA_F
ClientSampleId :
EP-6MSD

Tot Ion	Ratio	Resp	Lower	Upper
165	100	405796		
63	44.6	33.7	50.5	
89	73.4	57.3	85.9	
182	2.7	2.3	3.5	

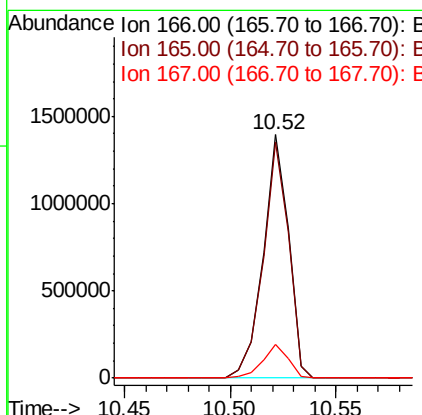
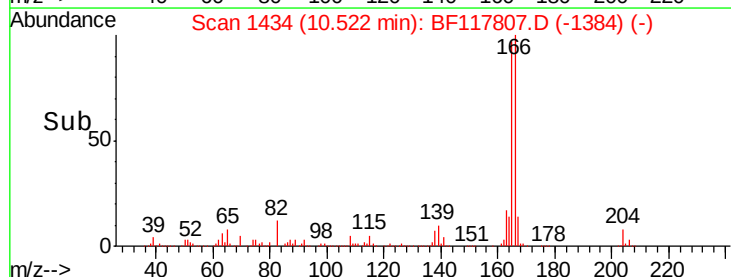
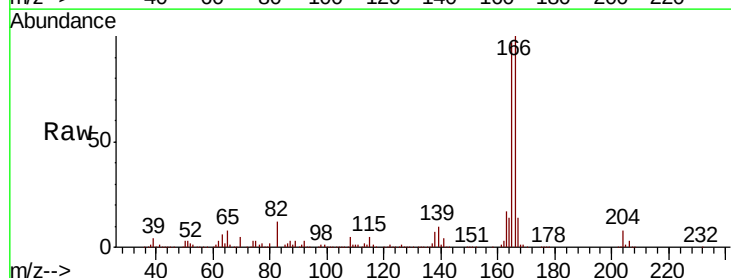
Manual Integrations
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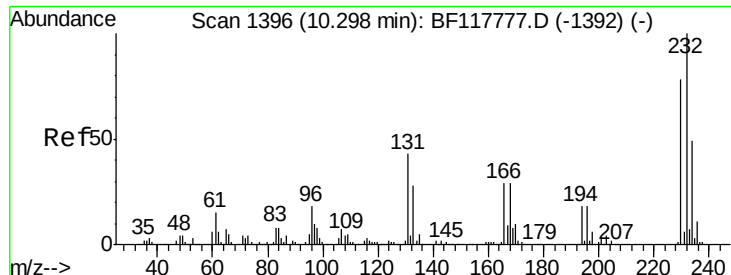
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#58
Fluorene
Concen: 38.344 ng
RT: 10.52 min Scan# 1434
Delta R.T. -0.01 min
Lab File: BF117807.D
Acq: 15 Nov 2019 17:14

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	1169600		
165	96.8	78.4	117.6	
167	13.8	11.0	16.4	





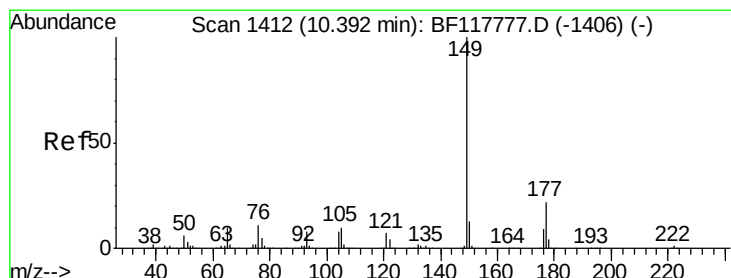
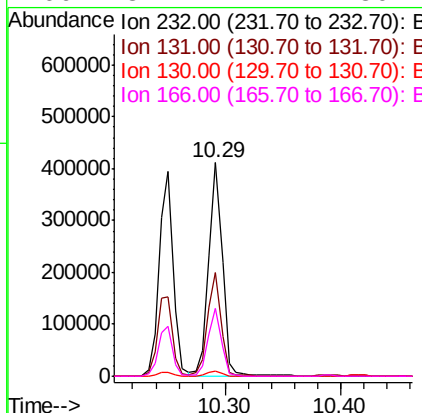
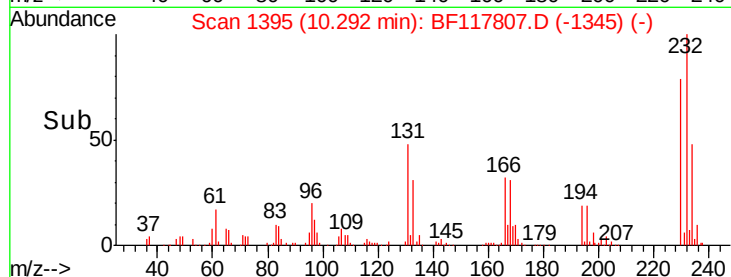
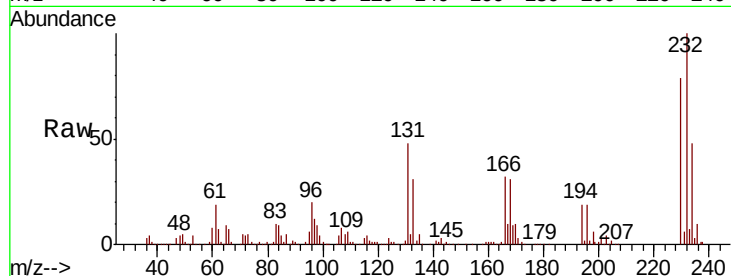
#59
2,3,4,6-Tetrachlorophenol
Concen: 38.746 ng
RT: 10.29 min Scan# 1395
Delta R.T. -0.01 min
Lab File: BF117807.D
Acq: 15 Nov 2019 17:14

Instrument :
BNA_F
ClientSampleId :
EP-6MSD

Tot Ion	Ratio	Lower	Upper
232	100		
131	47.1	37.6	56.4
130	2.3	1.9	2.9
166	31.2	24.2	36.4

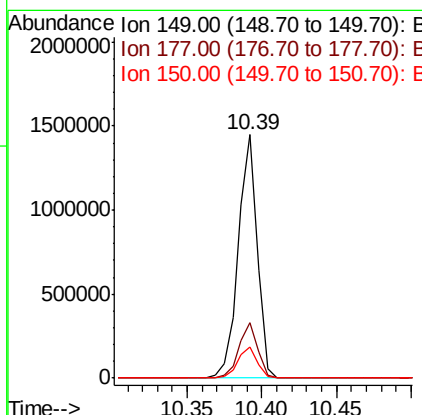
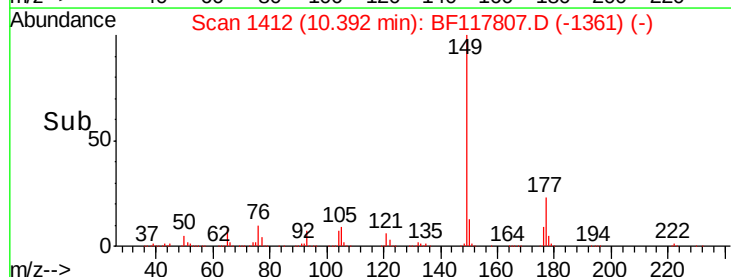
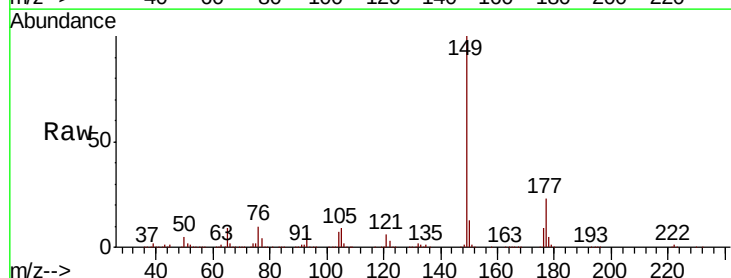
Manual Integrations
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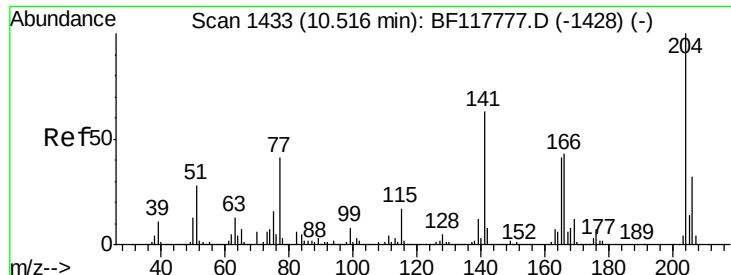
mohammad
11/18/2019 3:06:07 PM



#60
Diethylphthalate
Concen: 37.759 ng
RT: 10.39 min Scan# 1412
Delta R.T. -0.00 min
Lab File: BF117807.D
Acq: 15 Nov 2019 17:14

Tgt Ion	Ratio	Lower	Upper
149	100		
177	23.0	18.0	27.0
150	12.8	10.5	15.7





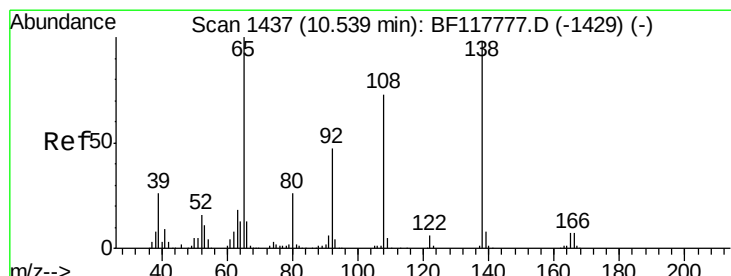
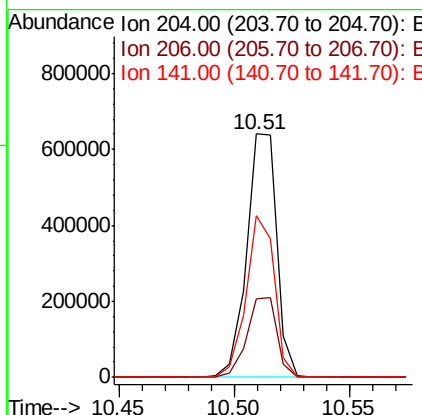
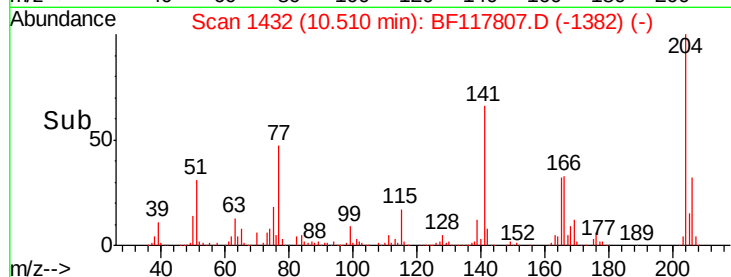
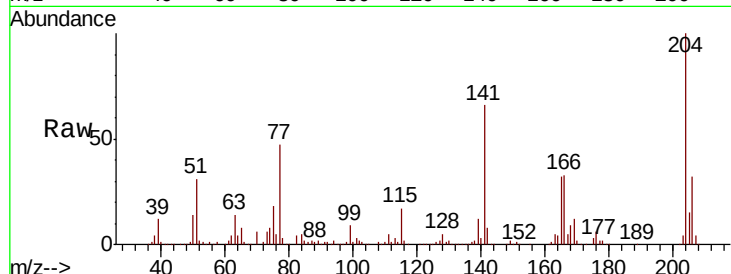
#61
4-Chlorophenyl-phenylether
Concen: 37.869 ng
RT: 10.51 min Scan# 1432
Delta R.T. -0.01 min
Lab File: BF117807.D
Acq: 15 Nov 2019 17:14

Instrument :
BNA_F
ClientSampled :
EP-6MSD

Tot Ion	Ratio	Resp	Lower	Upper
204	100	586199		
206	32.4		25.6	38.4
141	66.4		50.7	76.1

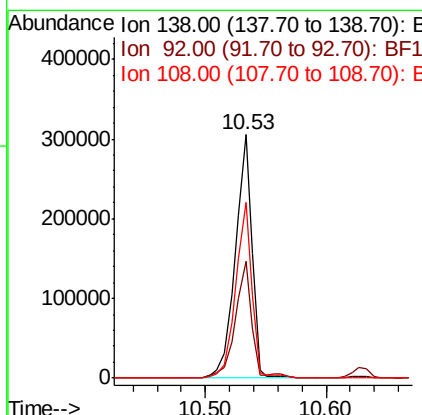
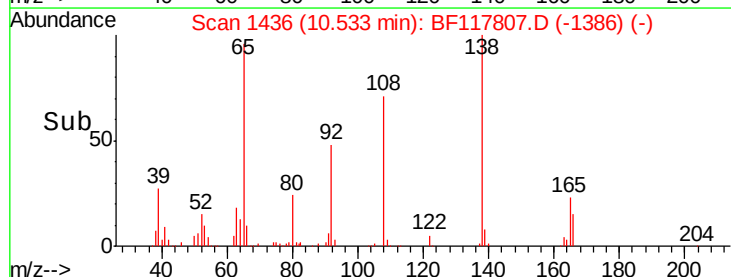
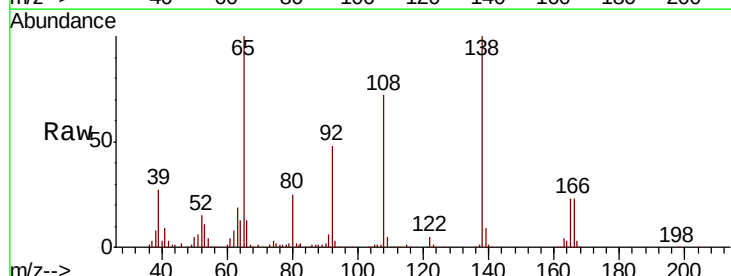
Manual Integrations
APPROVED

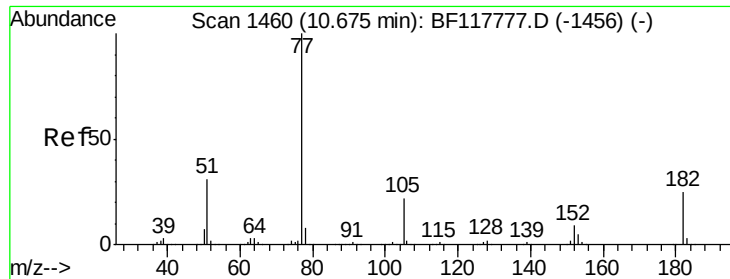
mohammad
11/18/2019 3:06:07 PM



#62
4-Nitroaniline
Concen: 32.501 ng
RT: 10.53 min Scan# 1436
Delta R.T. -0.01 min
Lab File: BF117807.D
Acq: 15 Nov 2019 17:14

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	297593		
92	47.8		28.3	68.3
108	72.3		54.3	94.3





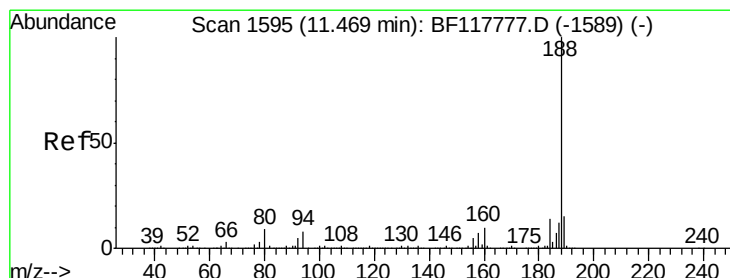
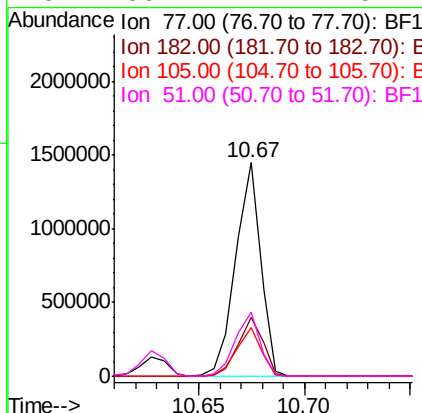
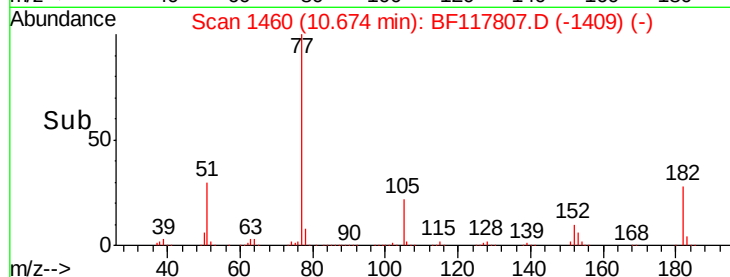
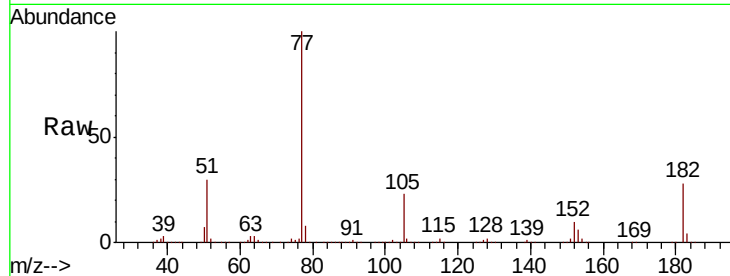
#63
Azobenzene
Concen: 38.258 ng
RT: 10.67 min Scan# 1460
Delta R.T. -0.00 min
Lab File: BF117807.D
Acq: 15 Nov 2019 17:14

Instrument :
BNA_F
ClientSampleId :
EP-6MSD

Tot Ion	Ion	Ratio	Lower	Upper
77	100			
182	27.7	4.8	44.8	
105	22.6	2.1	42.1	
51	30.2	11.4	51.4	

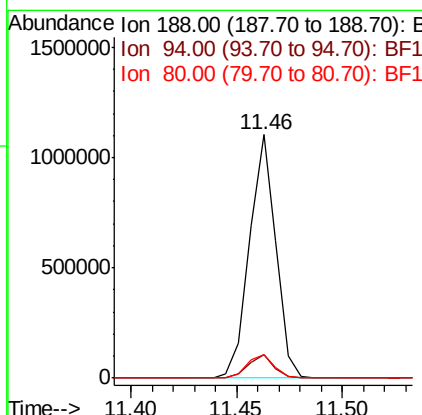
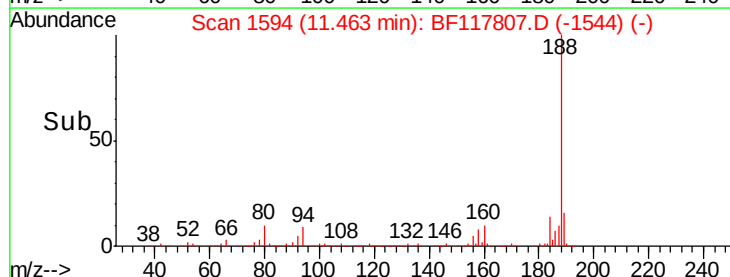
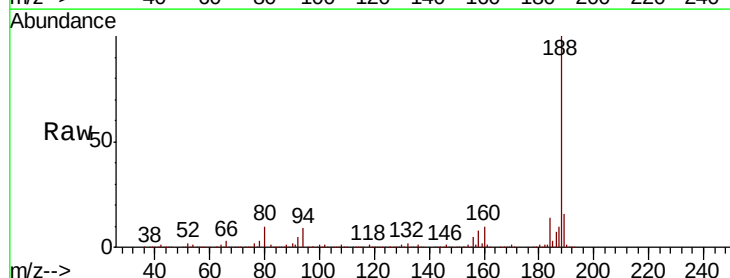
Manual Integrations
APPROVED

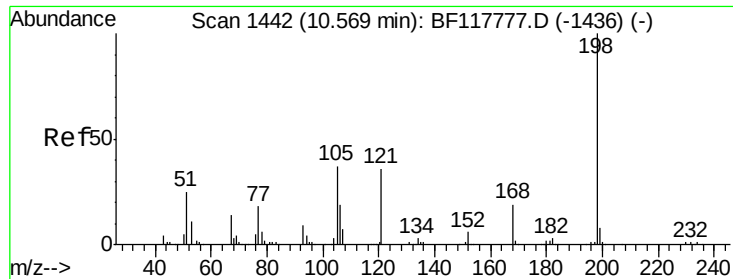
mohammad
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.46 min Scan# 1594
Delta R.T. -0.01 min
Lab File: BF117807.D
Acq: 15 Nov 2019 17:14

Tgt Ion	Ion	Ratio	Lower	Upper
188	100			
94	9.4	6.6	10.0	
80	9.7	7.2	10.8	





#65

4,6-Dinitro-2-methylphenol

Concen: 43.958 ng

RT: 10.56 min Scan# 1441

Delta R.T. -0.01 min

Lab File: BF117807.D

Acq: 15 Nov 2019 17:14

Instrument :

BNA_F

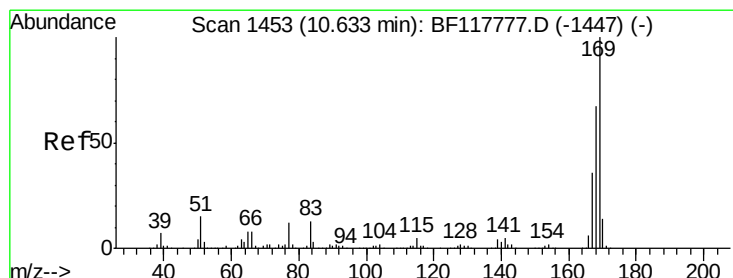
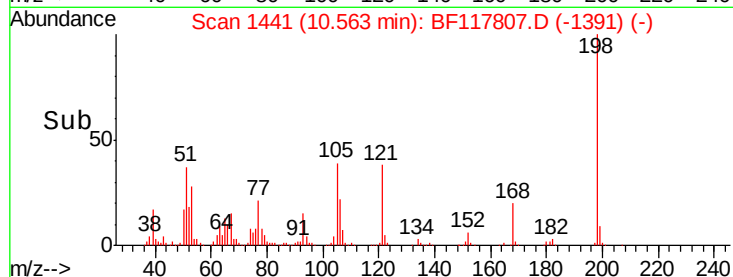
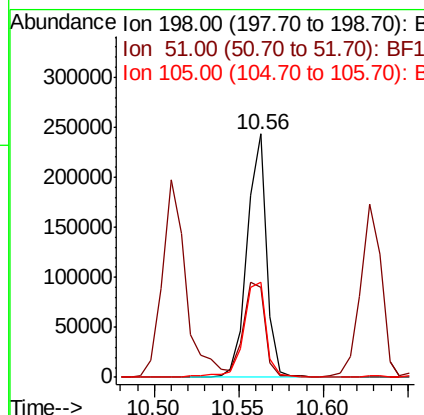
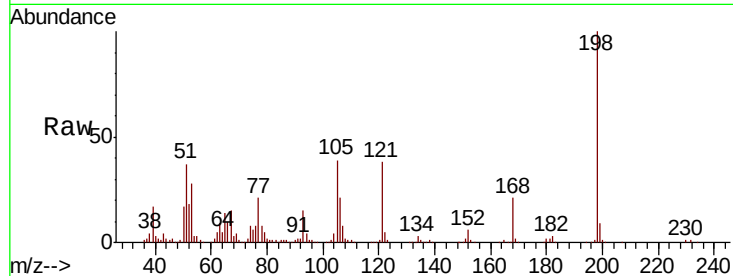
ClientSampleId :

EP-6MSD

Tot Ion:	198	Resp:	196047
Ion Ratio	Lower	Upper	
198	100		
51	37.1	16.0	56.0
105	39.2	19.1	59.1

Manual Integrations
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#66

n-Nitrosodiphenylamine

Concen: 38.000 ng

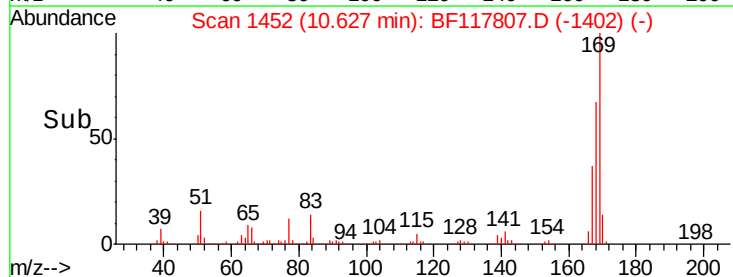
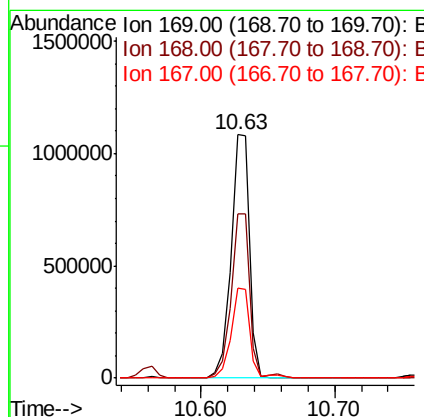
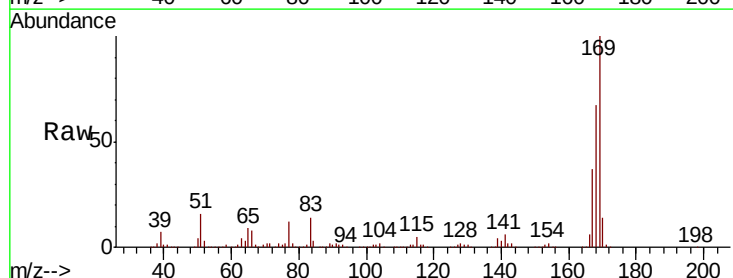
RT: 10.63 min Scan# 1452

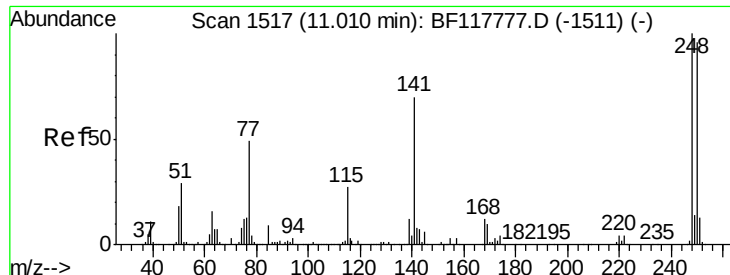
Delta R.T. -0.01 min

Lab File: BF117807.D

Acq: 15 Nov 2019 17:14

Tgt Ion:	169	Resp:	1056504
Ion Ratio	Lower	Upper	
169	100		
168	67.3	53.5	80.3
167	36.9	29.0	43.4





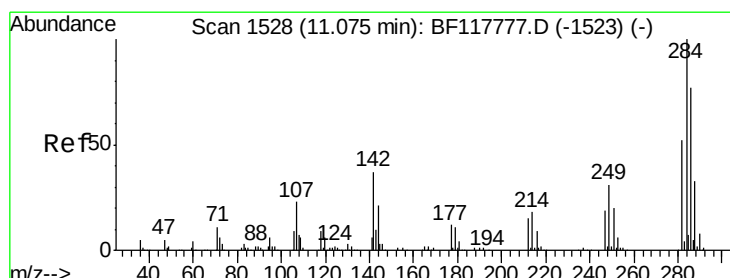
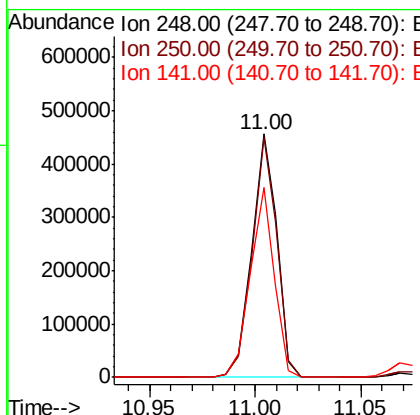
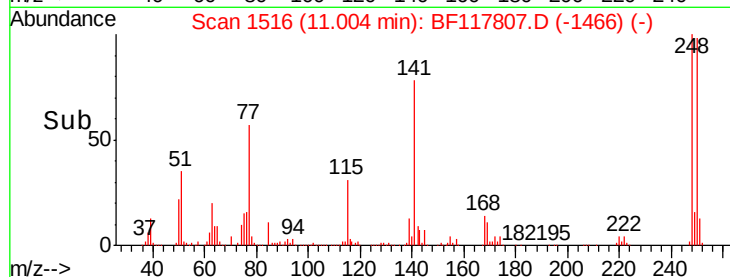
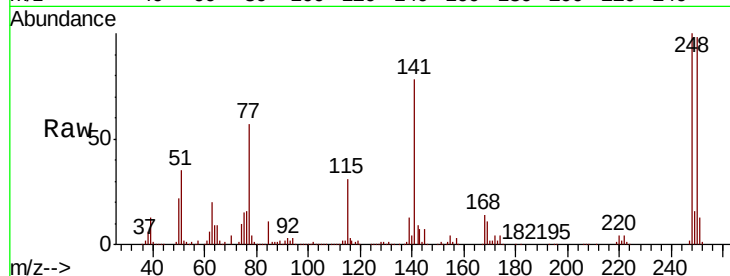
#67
4-Bromophenyl-phenylether
Concen: 36.640 ng
RT: 11.00 min Scan# 1516
Delta R.T. -0.01 min
Lab File: BF117807.D
Acq: 15 Nov 2019 17:14

Instrument :
BNA_F
ClientSampleId :
EP-6MSD

Tot Ion	Ratio	Lower	Upper
248	100		
250	98.3	76.6	115.0
141	77.9	55.9	83.9

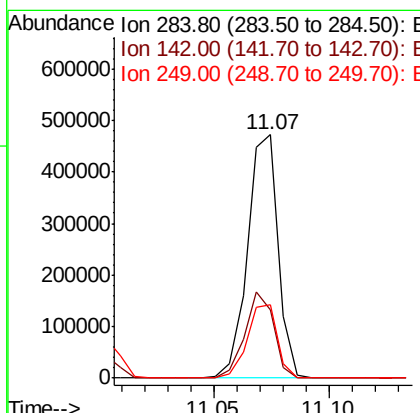
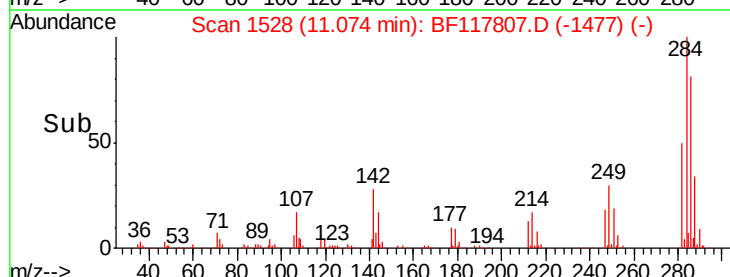
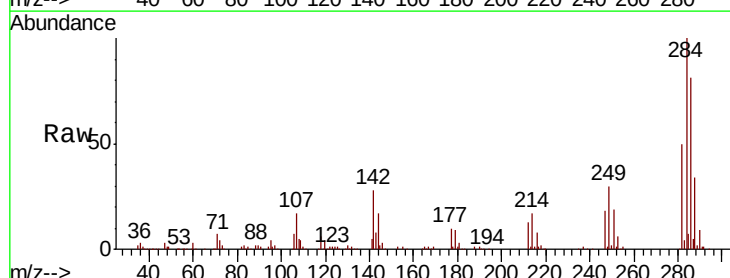
Manual Integrations
APPROVED

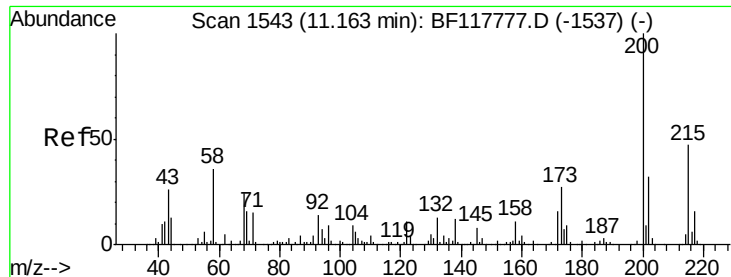
mohammad
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#68
Hexachlorobenzene
Concen: 36.286 ng
RT: 11.07 min Scan# 1528
Delta R.T. -0.00 min
Lab File: BF117807.D
Acq: 15 Nov 2019 17:14

Tgt Ion	Ratio	Lower	Upper
284	100		
142	28.2	29.4	44.2#
249	29.9	24.6	37.0





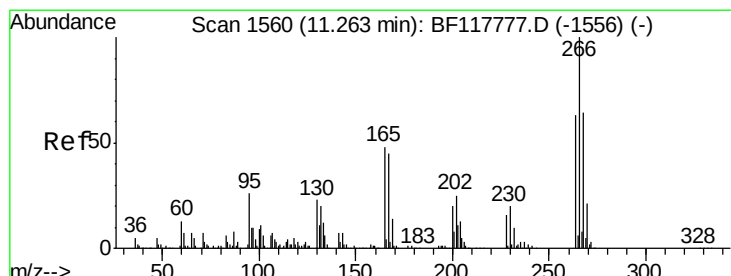
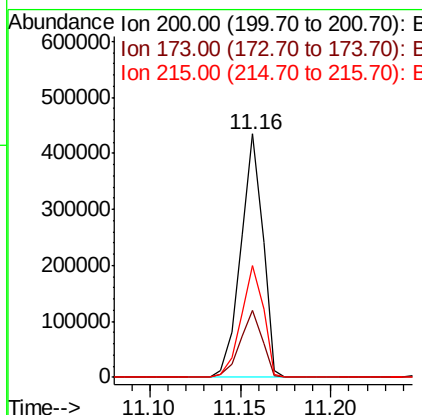
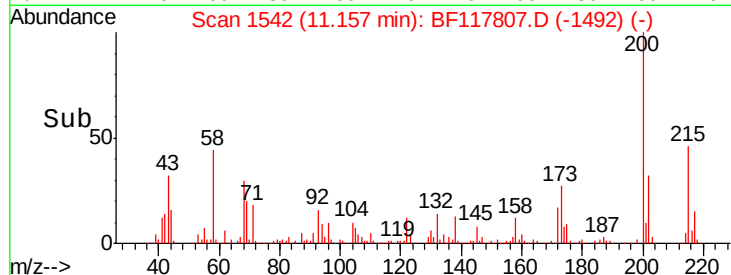
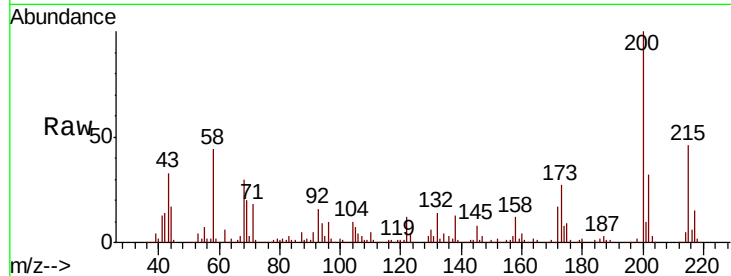
#69
Atrazine
Concen: 40.172 ng
RT: 11.16 min Scan# 1542
Delta R.T. -0.01 min
Lab File: BF117807.D
Acq: 15 Nov 2019 17:14

Instrument :
BNA_F
ClientSampleId :
EP-6MSD

Tot Ion	Ratio	Resp	Lower	Upper
200	100	367406		
173	27.4	6.7	46.7	
215	46.2	27.5	67.5	

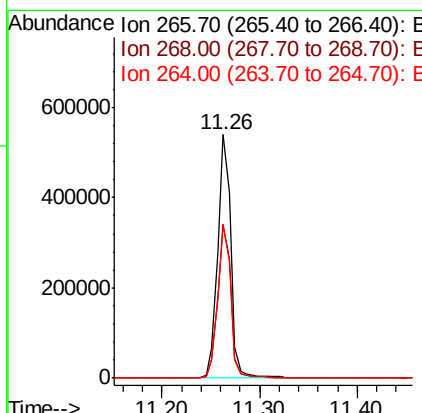
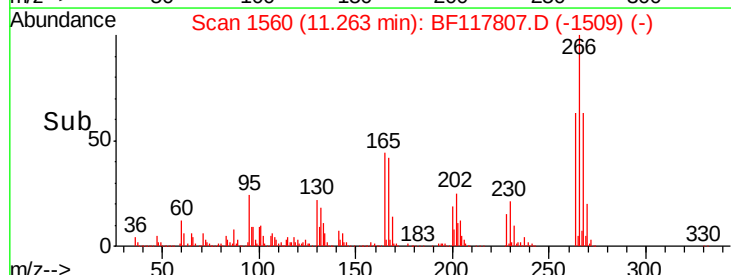
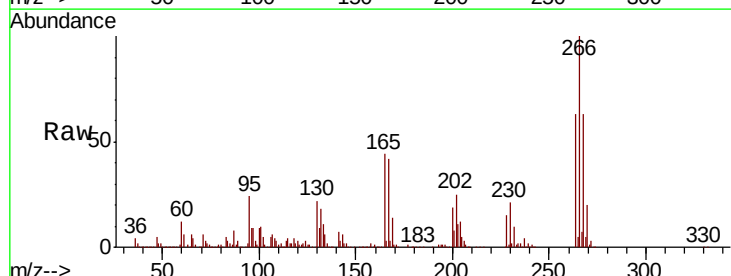
Manual Integrations
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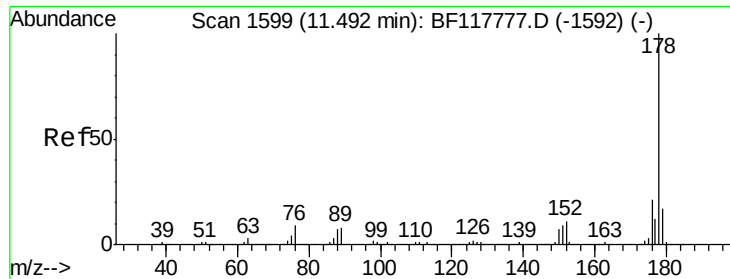
mohammad
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#70
Pentachlorophenol
Concen: 72.177 ng
RT: 11.26 min Scan# 1560
Delta R.T. -0.00 min
Lab File: BF117807.D
Acq: 15 Nov 2019 17:14

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	506840		
268	62.9	50.8	76.2	
264	63.5	50.7	76.1	





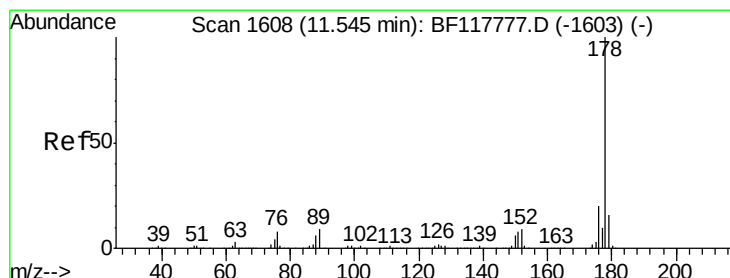
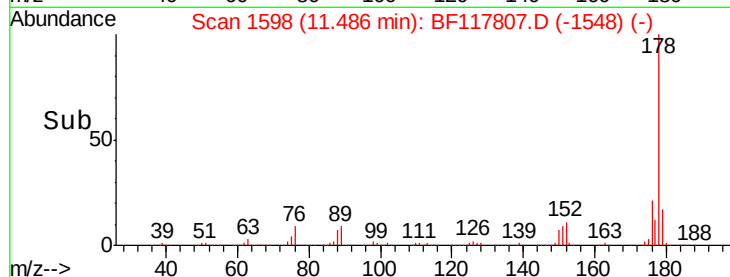
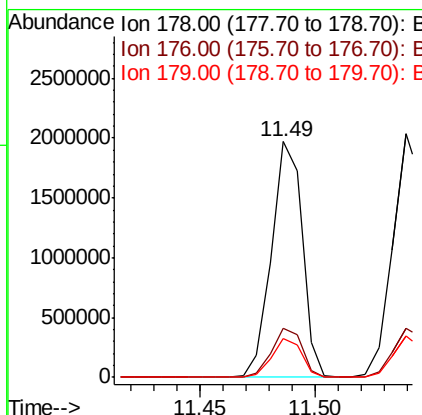
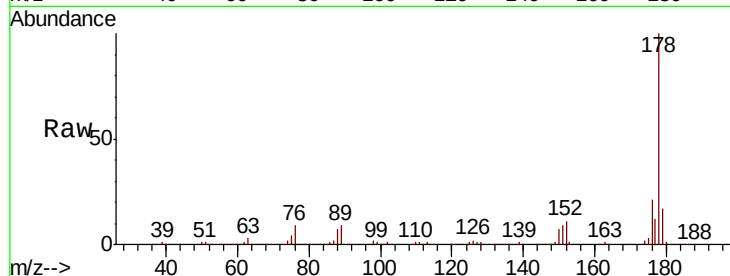
#71
Phenanthrene
Concen: 37.931 ng
RT: 11.49 min Scan# 1598
Delta R.T. -0.01 min
Lab File: BF117807.D
Acq: 15 Nov 2019 17:14

Instrument :
BNA_F
ClientSampled :
EP-6MSD

Tot Ion	Ratio	Lower	Upper
178	100		
176	20.7	16.6	25.0
179	16.8	13.2	19.8

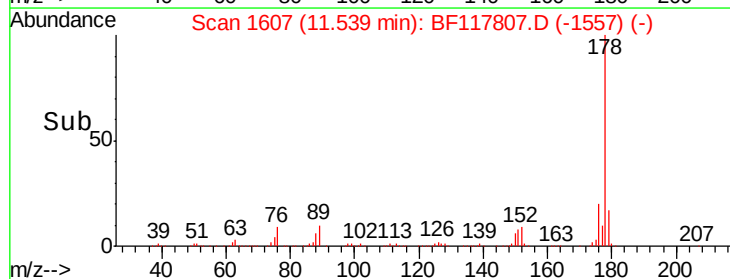
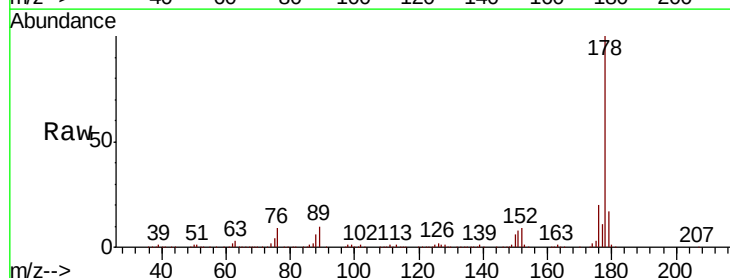
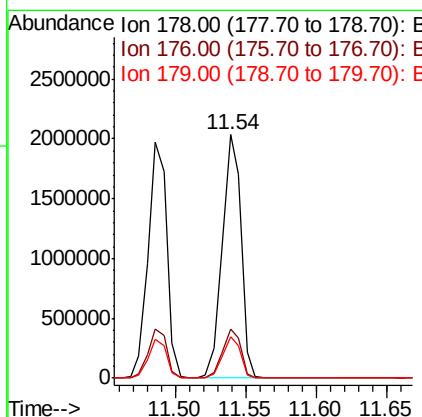
Manual Integrations
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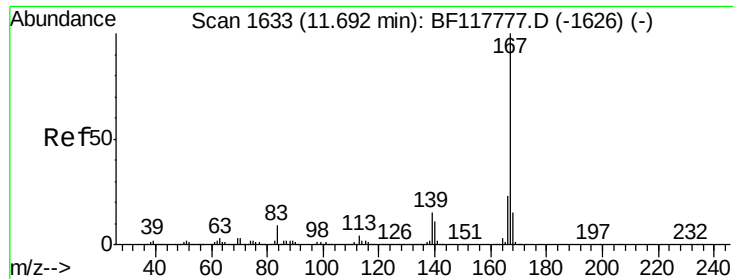
mohammad
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#72
Anthracene
Concen: 39.417 ng
RT: 11.54 min Scan# 1607
Delta R.T. -0.01 min
Lab File: BF117807.D
Acq: 15 Nov 2019 17:14

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.4	16.1	24.1
179	16.9	13.0	19.4





#73

Carbazole

Concen: 39.439 ng

RT: 11.69 min Scan# 1633

Delta R.T. -0.00 min

Lab File: BF117807.D

Acq: 15 Nov 2019 17:14

Instrument :

BNA_F

ClientSampleId :

EP-6MSD

Tot Ion:167 Resp: 1641229

Ion Ratio Lower Upper

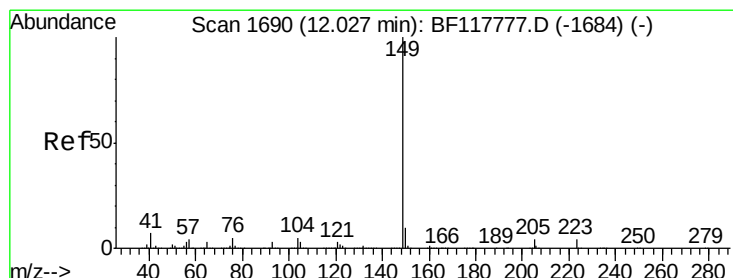
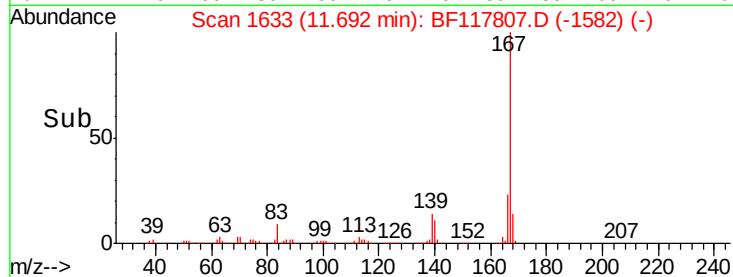
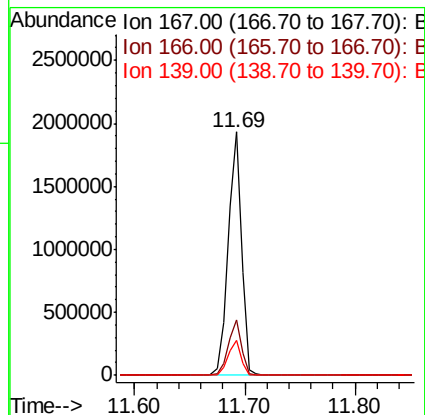
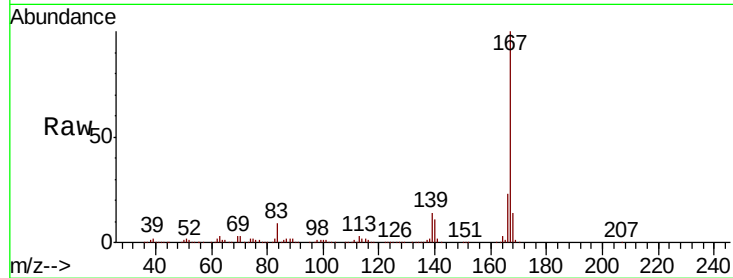
167 100

166 22.6 18.0 27.0

139 14.3 11.7 17.5

Manual Integrations
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#74

Di-n-butylphthalate

Concen: 37.243 ng

RT: 12.02 min Scan# 1689

Delta R.T. -0.01 min

Lab File: BF117807.D

Acq: 15 Nov 2019 17:14

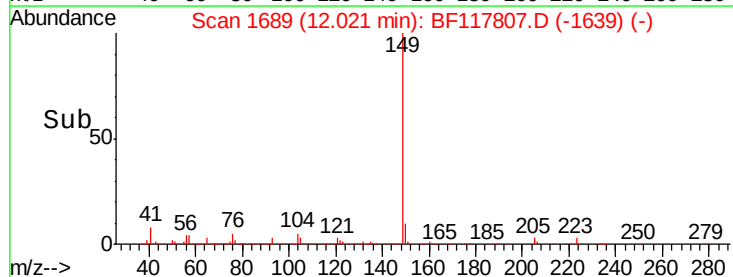
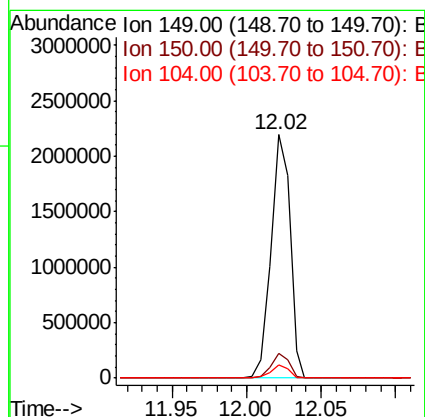
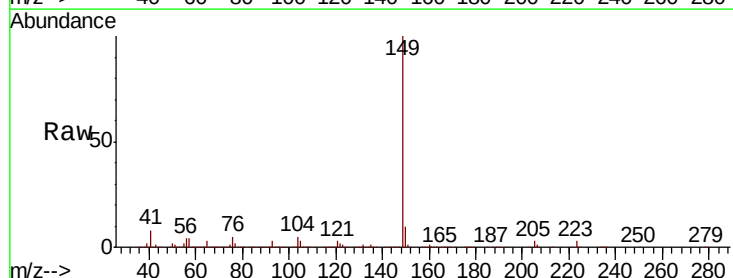
Tgt Ion:149 Resp: 1929704

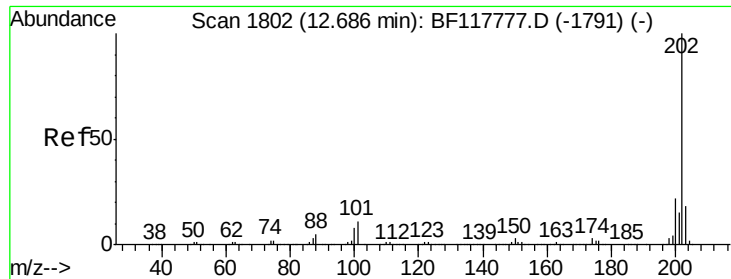
Ion Ratio Lower Upper

149 100

150 10.0 7.9 11.9

104 5.4 4.2 6.4





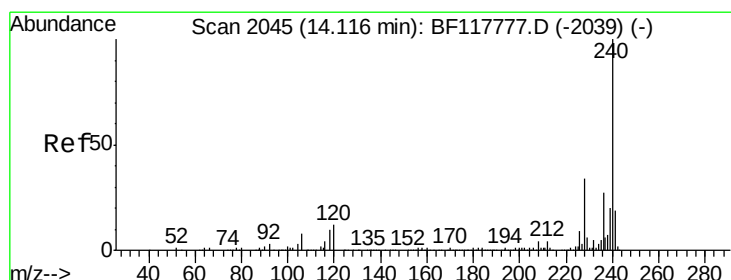
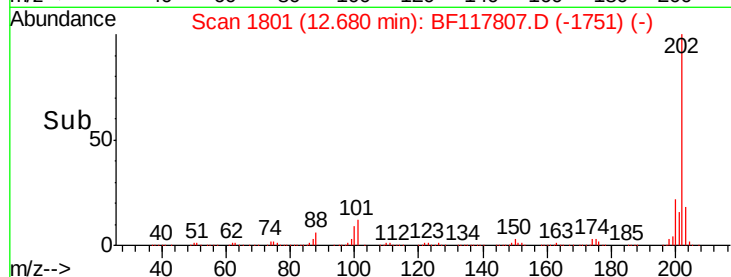
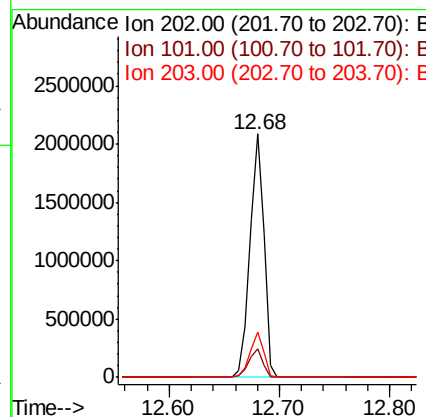
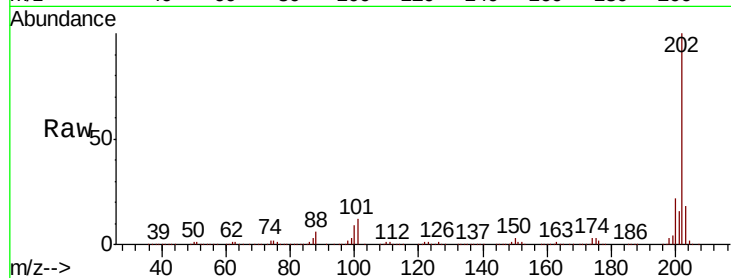
#75
 Fluoranthene
 Concen: 42.229 ng
 RT: 12.68 min Scan# 1801
 Delta R.T. -0.01 min
 Lab File: BF117807.D
 Acq: 15 Nov 2019 17:14

Instrument :
 BNA_F
 ClientSampled :
 EP-6MSD

Tot Ion	Ratio	Lower	Upper
202	100		
101	12.0	0.0	31.1
203	18.4	0.0	38.2

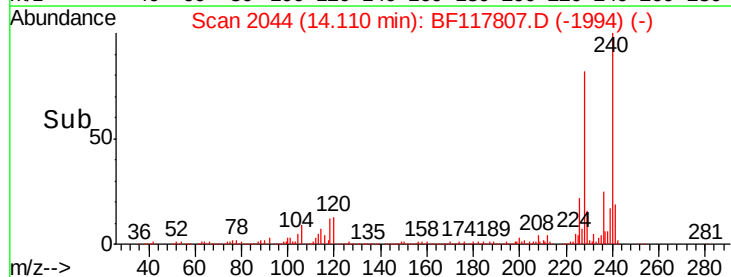
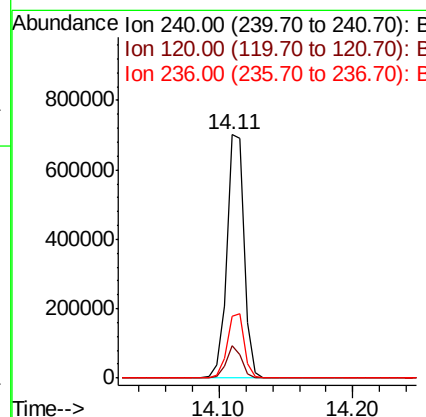
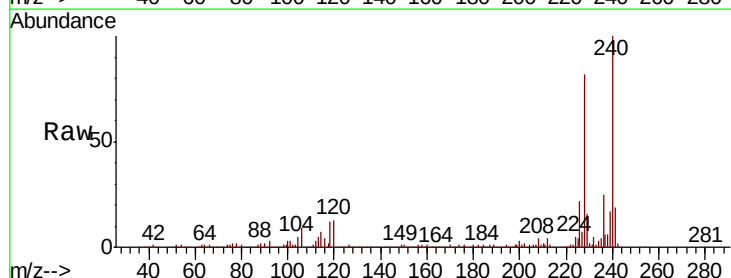
Manual Integrations
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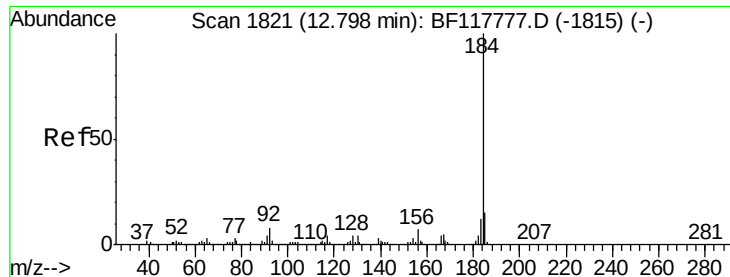
mohammad
 11/18/2019 3:06:07 PM



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.11 min Scan# 2044
 Delta R.T. -0.01 min
 Lab File: BF117807.D
 Acq: 15 Nov 2019 17:14

Tgt Ion	Ratio	Lower	Upper
240	100		
120	13.1	9.5	14.3
236	25.2	21.3	31.9





#77

Benzidine

Concen: 40.248 ng

RT: 12.80 min Scan# 1822

Delta R.T. 0.01 min

Lab File: BF117807.D

Acq: 15 Nov 2019 17:14

Instrument :

BNA_F

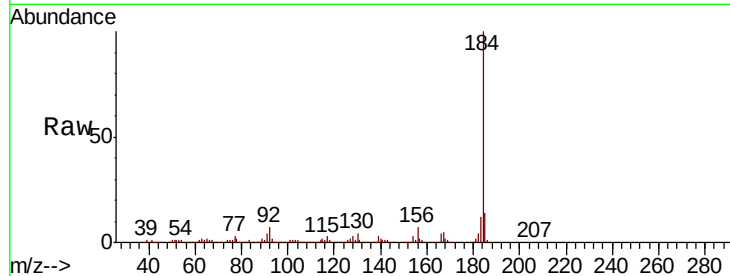
ClientSampleId :

EP-6MSD

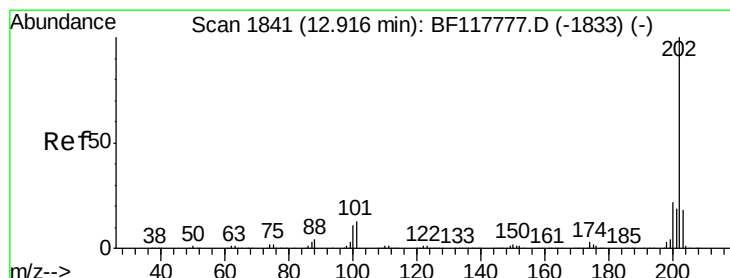
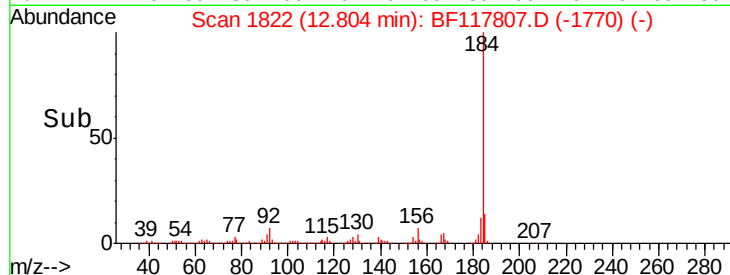
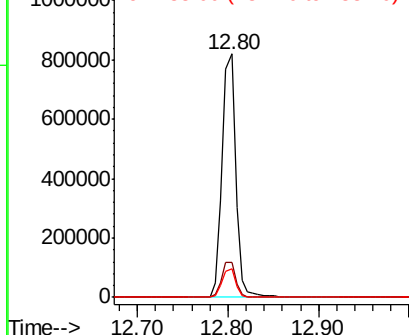
Tot Ion:	184	Resp:	850435
Ion Ratio	Lower	Upper	
184	100		
185	14.2	12.2	18.4
183	11.9	9.5	14.3

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Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 36.098 ng

RT: 12.91 min Scan# 1840

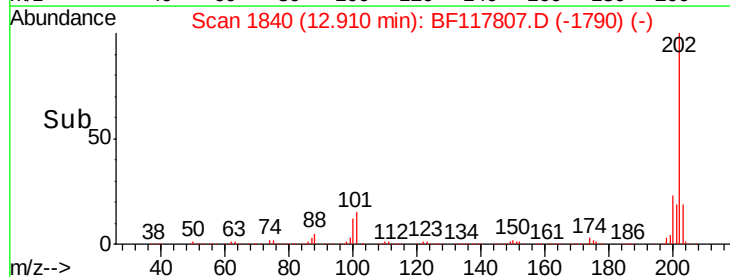
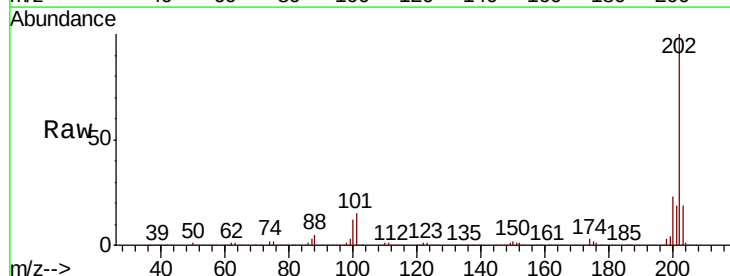
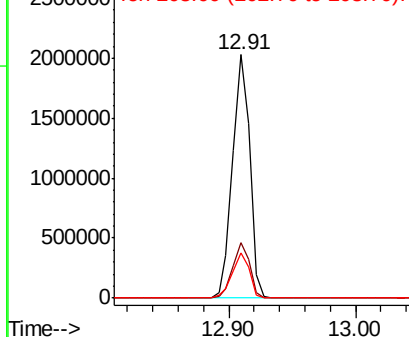
Delta R.T. -0.01 min

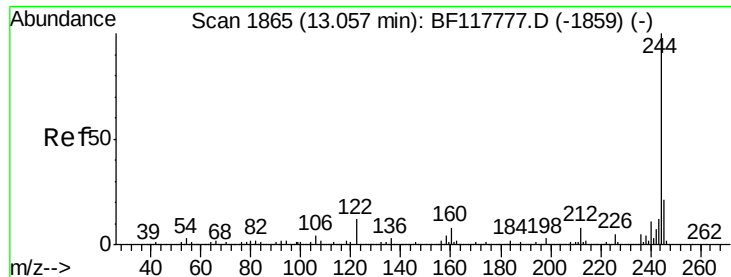
Lab File: BF117807.D

Acq: 15 Nov 2019 17:14

Tgt Ion:	202	Resp:	1881847
Ion Ratio	Lower	Upper	
202	100		
200	22.8	17.8	26.8
203	18.8	14.6	22.0

Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 59.160 ng

RT: 13.05 min Scan# 1864

Delta R.T. -0.01 min

Lab File: BF117807.D

Acq: 15 Nov 2019 17:14

Instrument :

BNA_F

ClientSampleId :

EP-6MSD

Tot Ion:244 Resp: 2088102

Ion Ratio Lower Upper

244 100

212 7.1 6.3 9.5

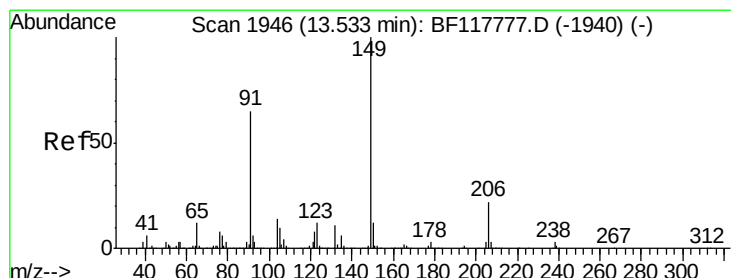
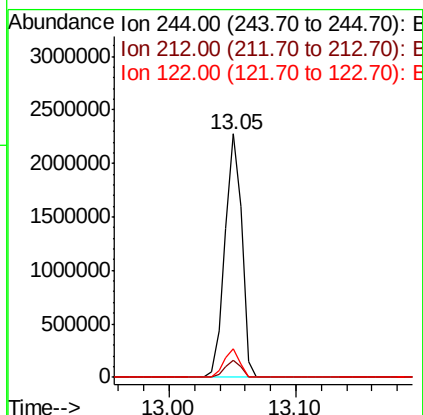
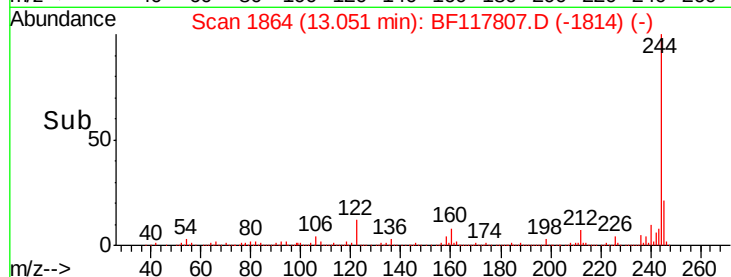
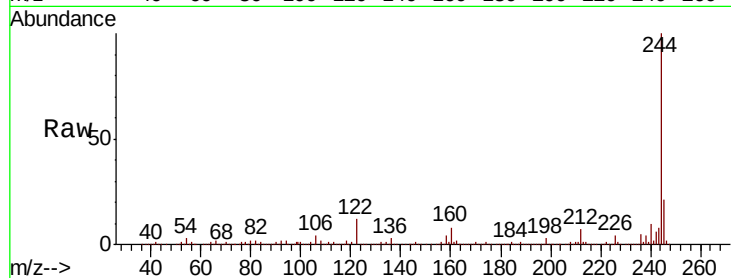
122 12.0 9.4 14.2

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#80

Butylbenzylphthalate

Concen: 35.965 ng

RT: 13.53 min Scan# 1945

Delta R.T. -0.01 min

Lab File: BF117807.D

Acq: 15 Nov 2019 17:14

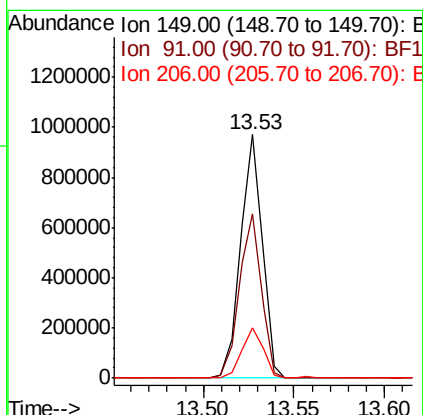
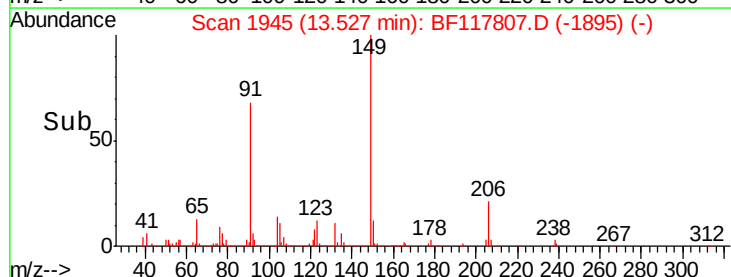
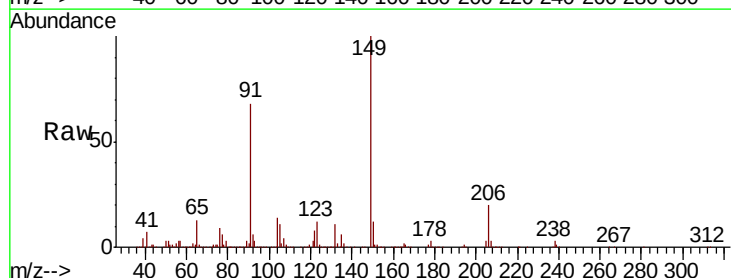
Tgt Ion:149 Resp: 805286

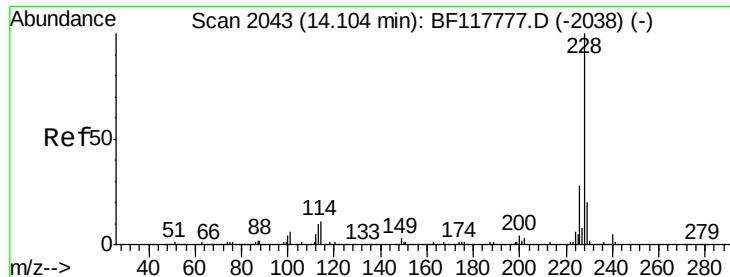
Ion Ratio Lower Upper

149 100

91 67.6 51.9 77.9

206 20.5 17.2 25.8





#81

Benzo(a)anthracene

Concen: 37.296 ng

RT: 14.10 min Scan# 2043

Delta R.T. -0.00 min

Lab File: BF117807.D

Acq: 15 Nov 2019 17:14

Instrument :

BNA_F

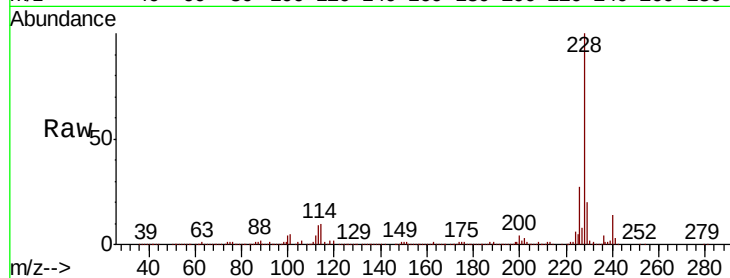
ClientSampleId :

EP-6MSD

Tot Ion:	228	Resp:	1589820
Ion	Ratio	Lower	Upper
228	100		
226	27.2	22.2	33.2
229	20.1	15.9	23.9

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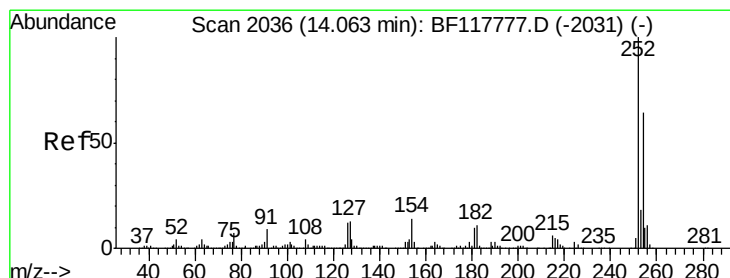
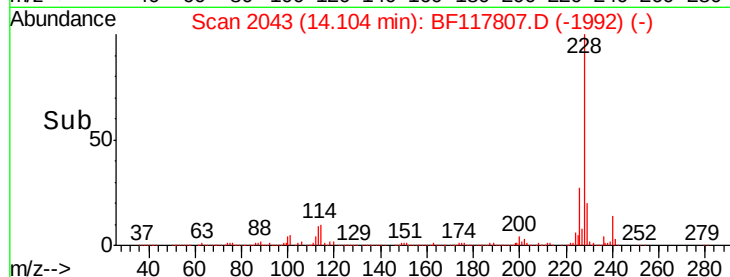
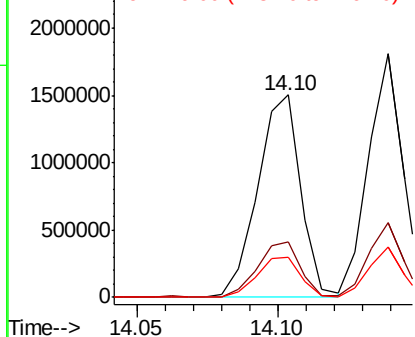


Abundance

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: 30.758 ng

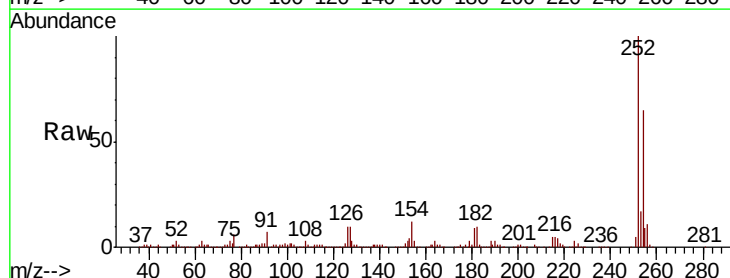
RT: 14.06 min Scan# 2036

Delta R.T. -0.00 min

Lab File: BF117807.D

Acq: 15 Nov 2019 17:14

Tgt Ion:	252	Resp:	458629
Ion	Ratio	Lower	Upper
252	100		
254	64.9	51.0	76.6
126	10.1	9.7	14.5

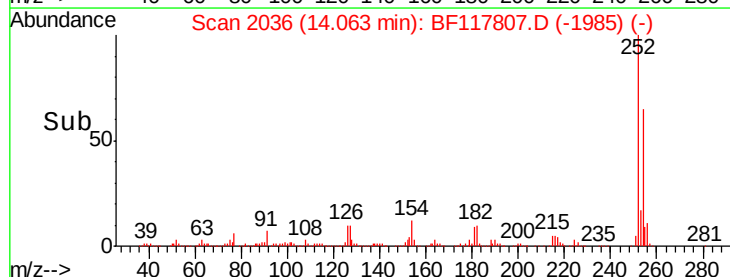
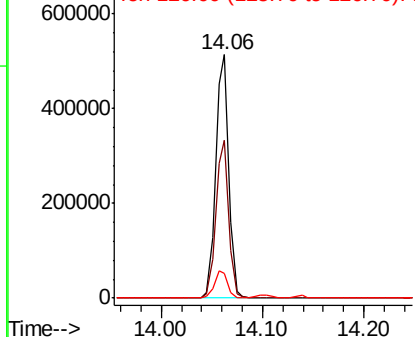


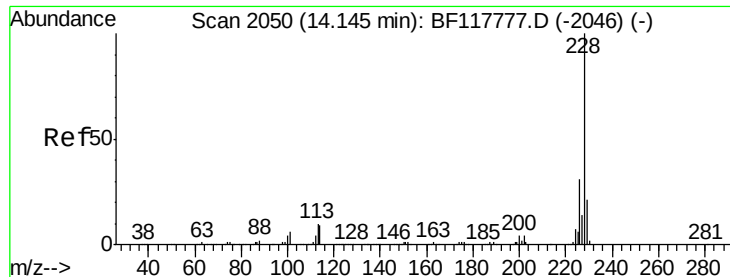
Abundance

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





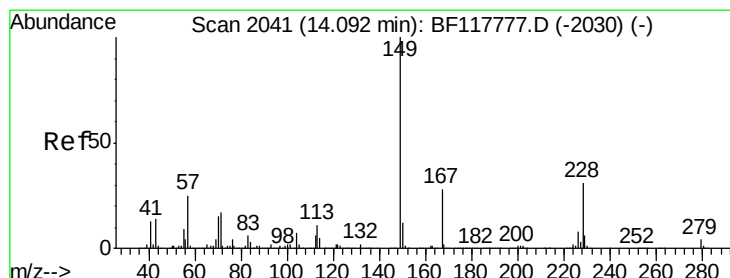
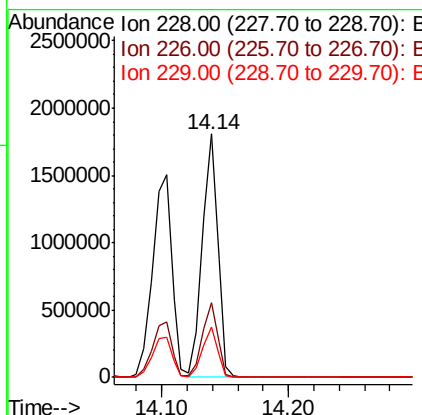
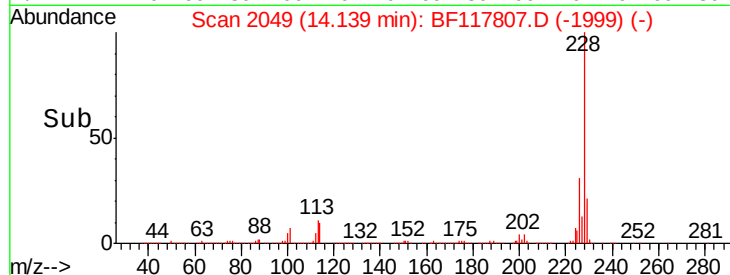
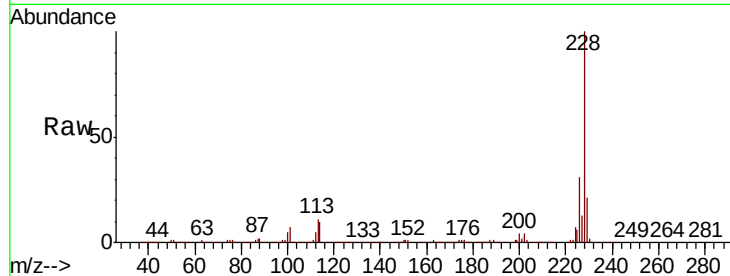
#83
 Chrysene
 Concen: 36.904 ng
 RT: 14.14 min Scan# 2049
 Delta R.T. -0.01 min
 Lab File: BF117807.D
 Acq: 15 Nov 2019 17:14

Instrument :
 BNA_F
 ClientSampled :
 EP-6MSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.5	25.0	37.4
229	20.7	16.6	25.0

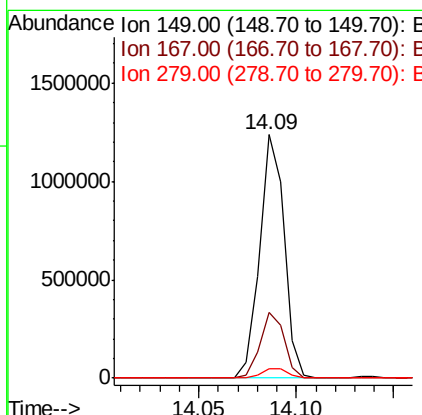
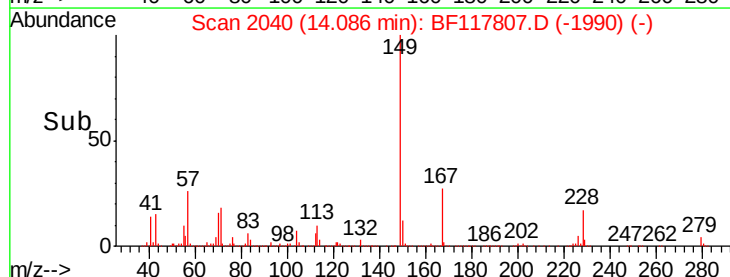
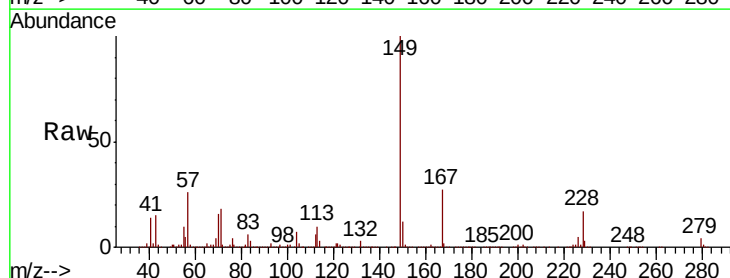
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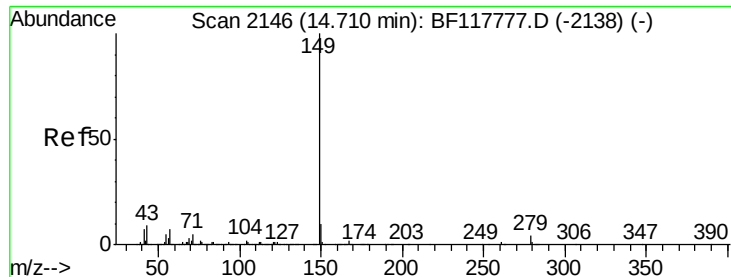
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 39.621 ng
 RT: 14.09 min Scan# 2040
 Delta R.T. -0.01 min
 Lab File: BF117807.D
 Acq: 15 Nov 2019 17:14

Tgt Ion	Ratio	Lower	Upper
149	100		
167	26.9	22.2	33.2
279	3.8	3.4	5.2





#85

Di-n-octyl phthalate

Concen: 42.963 ng

RT: 14.70 min Scan# 2145

Delta R.T. -0.01 min

Lab File: BF117807.D

Acq: 15 Nov 2019 17:14

Instrument :

BNA_F

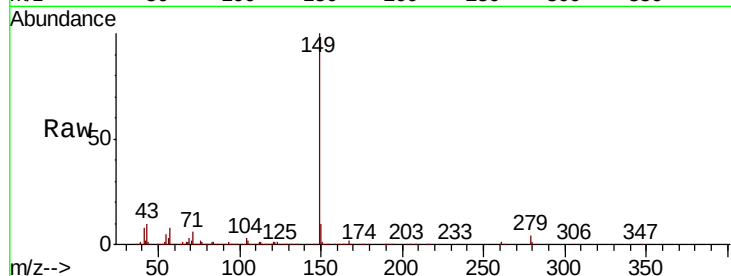
ClientSampleId :

EP-6MSD

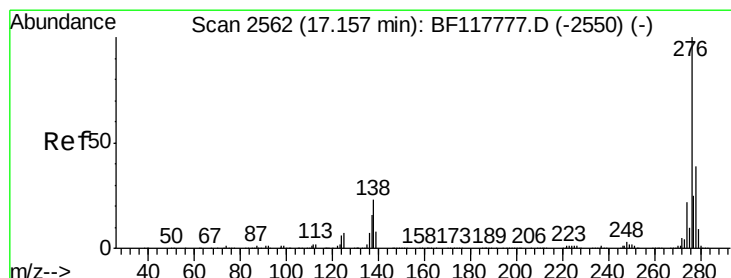
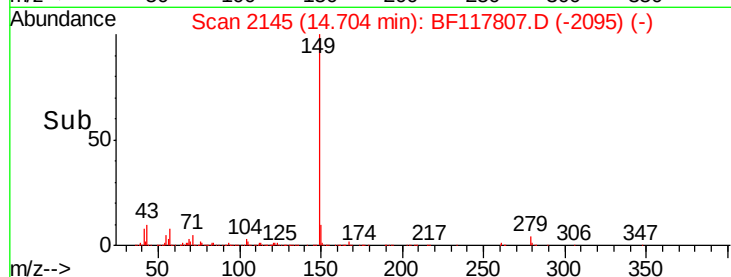
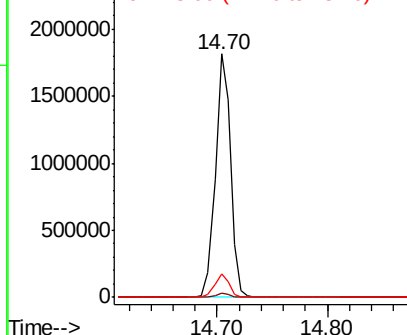
Tot Ion:	149	Resp:	1713321
Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.2	1.8
43	9.3	7.4	11.2

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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: 50.266 ng

RT: 17.16 min Scan# 2562

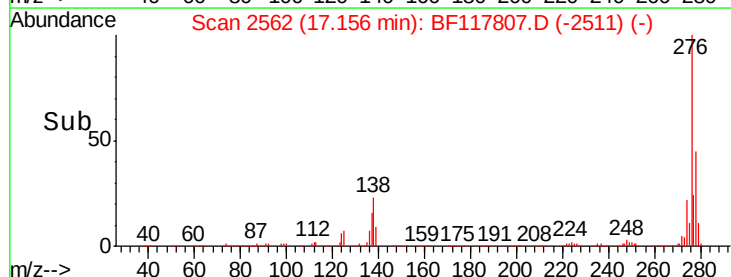
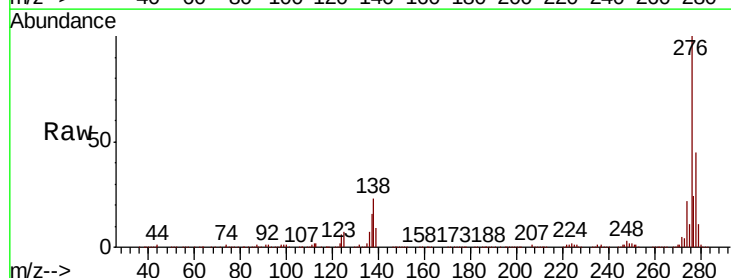
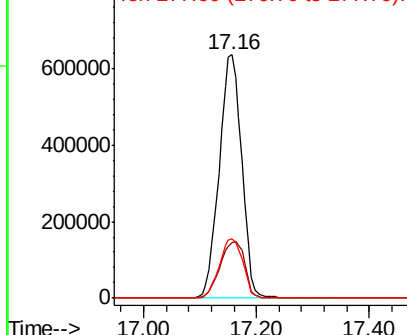
Delta R.T. -0.00 min

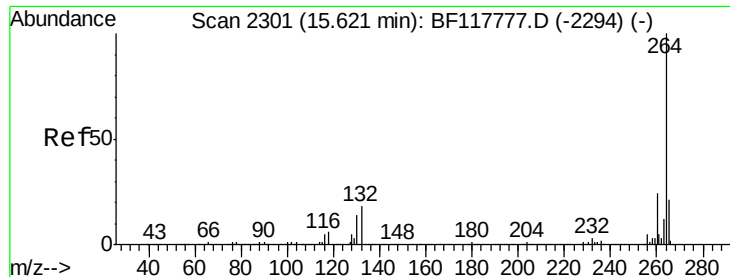
Lab File: BF117807.D

Acq: 15 Nov 2019 17:14

Tgt Ion:	276	Resp:	1767128
Ion	Ratio	Lower	Upper
276	100		
138	25.7	20.9	31.3
277	25.5	20.3	30.5

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





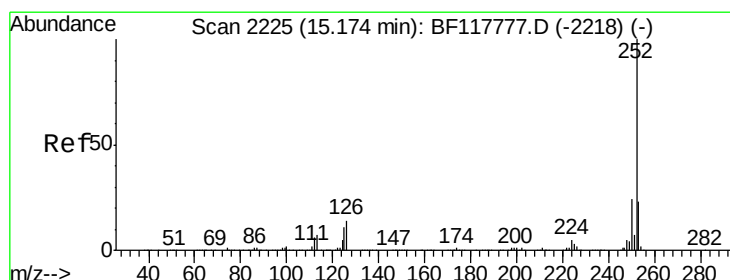
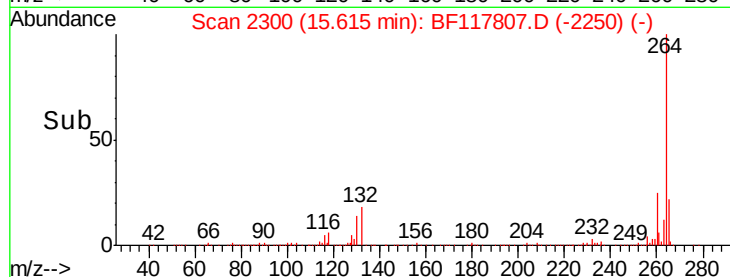
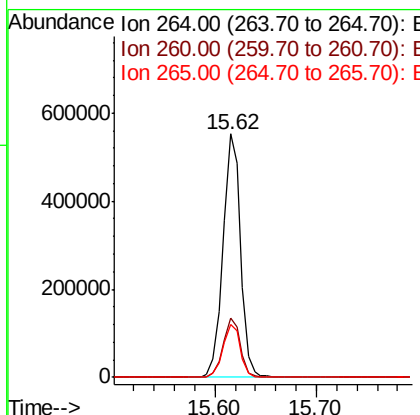
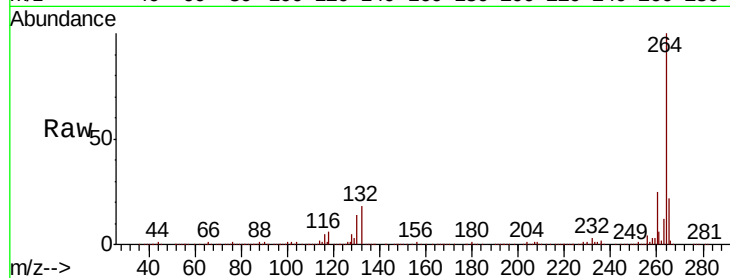
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.62 min Scan# 2300
Delta R.T. -0.01 min
Lab File: BF117807.D
Acq: 15 Nov 2019 17:14

Instrument :
BNA_F
ClientSampleId :
EP-6MSD

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.4	29.0
265	21.7	17.1	25.7

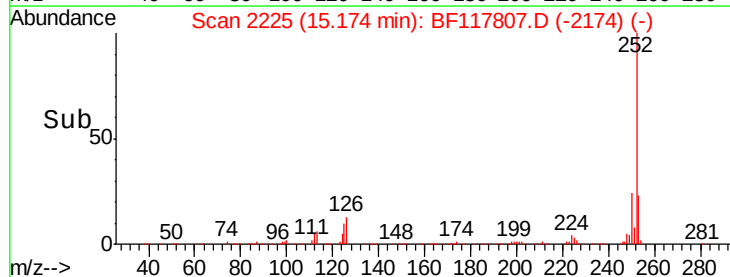
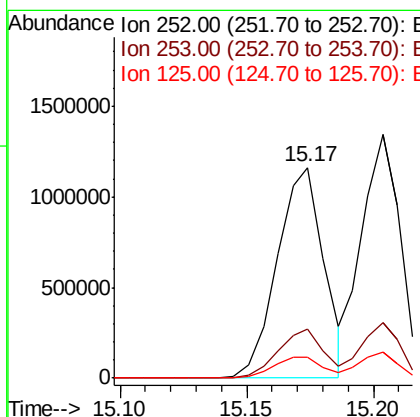
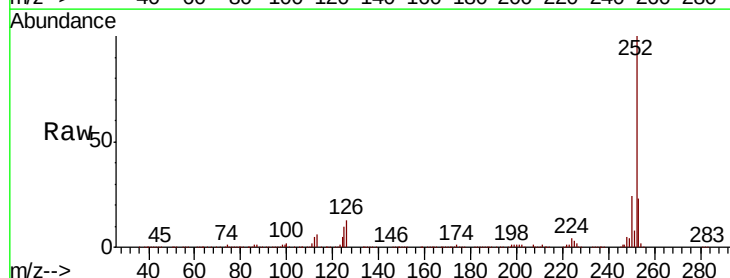
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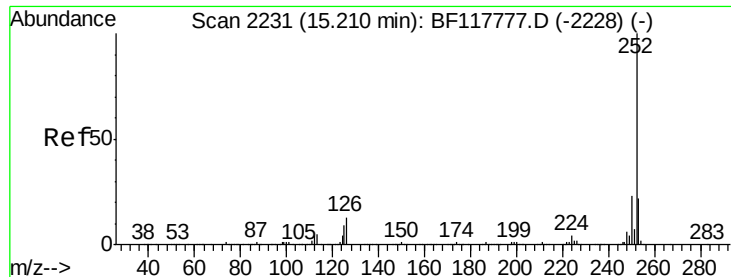
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#88
Benzo(b)fluoranthene
Concen: 34.763 ng
RT: 15.17 min Scan# 2225
Delta R.T. -0.00 min
Lab File: BF117807.D
Acq: 15 Nov 2019 17:14

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.0	18.0	27.0
125	10.0	8.6	13.0





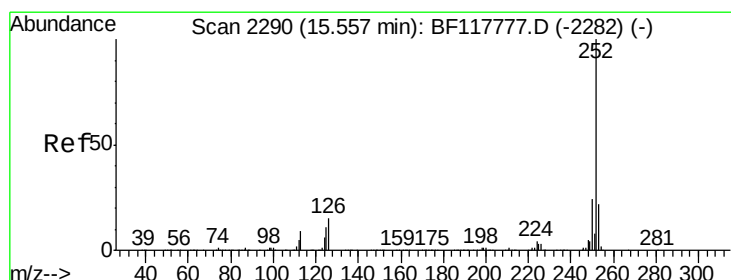
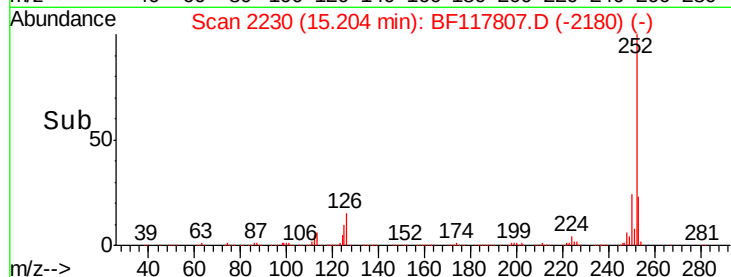
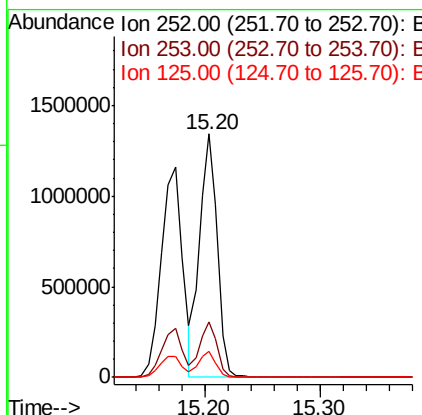
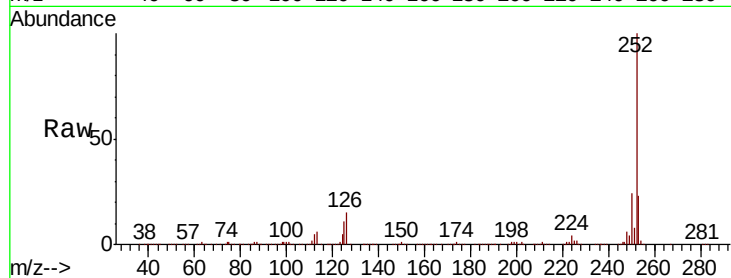
#89
Benzo(k)fluoranthene
Concen: 35.705 ng
RT: 15.20 min Scan# 2230
Delta R.T. -0.01 min
Lab File: BF117807.D
Acq: 15 Nov 2019 17:14

Instrument :
BNA_F
ClientSampleId :
EP-6MSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.5	26.3
125	10.5	7.9	11.9

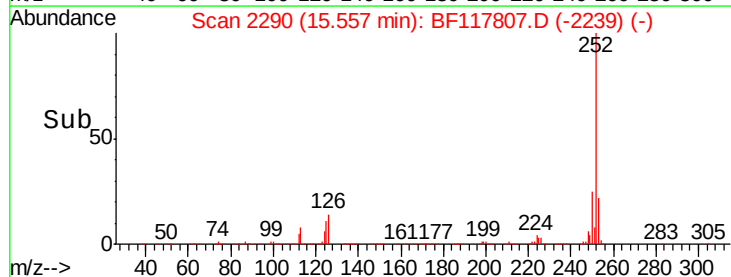
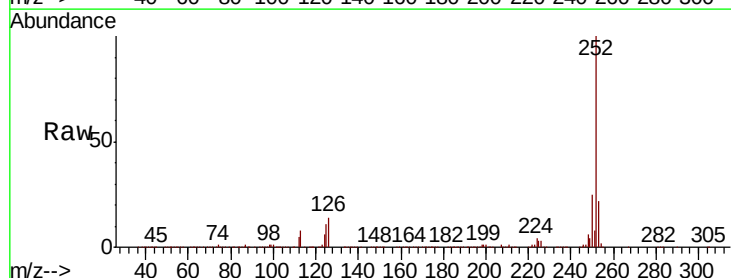
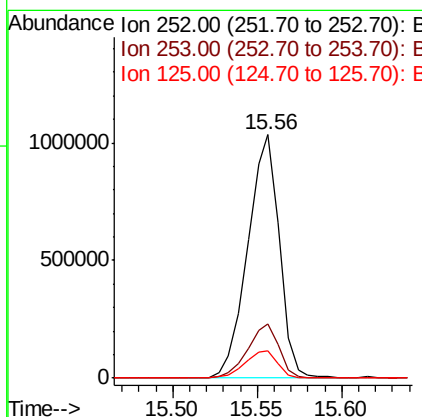
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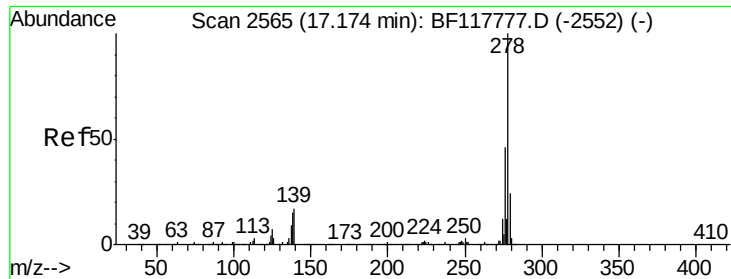
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#90
Benzo(a)pyrene
Concen: 35.680 ng
RT: 15.56 min Scan# 2290
Delta R.T. -0.00 min
Lab File: BF117807.D
Acq: 15 Nov 2019 17:14

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.8	26.6
125	11.1	9.2	13.8





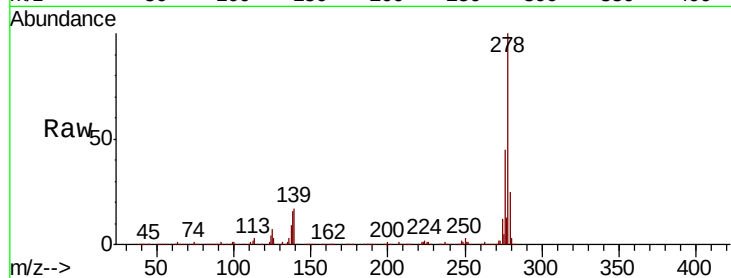
#91
Dibenzo(a,h)anthracene
Concen: 44.081 ng
RT: 17.17 min Scan# 2565
Delta R.T. -0.00 min
Lab File: BF117807.D
Acq: 15 Nov 2019 17:14

Instrument :
BNA_F
ClientSampleId :
EP-6MSD

Tot Ion	Ratio	Lower	Upper
278	100		
139	17.4	13.8	20.8
279	25.1	19.6	29.4

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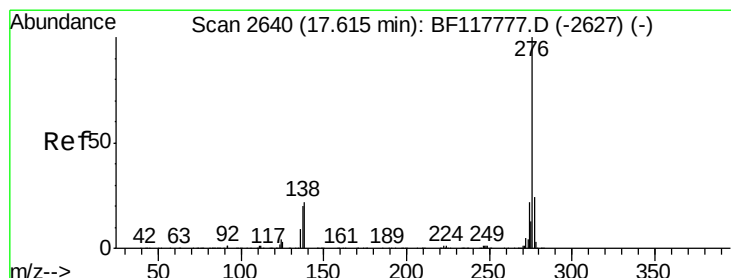
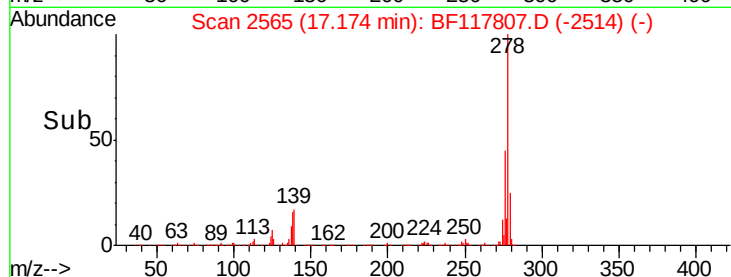
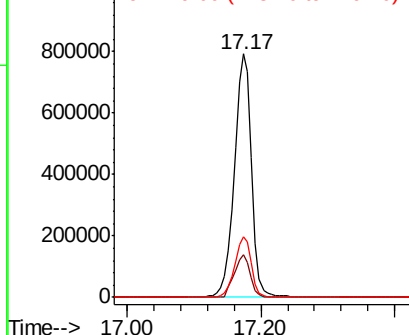


Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 46.119 ng
RT: 17.62 min Scan# 2641
Delta R.T. 0.01 min
Lab File: BF117807.D
Acq: 15 Nov 2019 17:14

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.7	18.9	28.3
138	22.3	17.4	26.2

Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

