

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121720\
 Data File : BF122775.D
 Acq On : 17 Dec 2020 20:41
 Operator : JU/CG
 Sample : L5115-02
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 GROUNDWATER

Manual Integrations
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Quant Time: Dec 18 01:44:52 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 15 18:14:23 2020
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.816	152	192147	20.00	ng	0.00
21) Naphthalene-d8	8.104	136	747818	20.00	ng	0.00
39) Acenaphthene-d10	9.857	164	407055	20.00	ng	0.00
64) Phenanthrene-d10	11.345	188	540923	20.00	ng	0.00
76) Chrysene-d12	13.980	240	604803	20.00	ng	0.00
86) Perylene-d12	15.439	264	514608	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.427	112	184127	15.17	ng	0.00
7) Phenol-d6	6.445	99	138237	8.59	ng	-0.01
23) Nitrobenzene-d5	7.374	82	313793	21.02	ng	-0.02
42) 2,4,6-Tribromophenol	10.645	330	174156	32.69	ng	0.00
45) 2-Fluorobiphenyl	9.174	172	647529	21.52	ng	-0.01
79) Terphenyl-d14	12.927	244	637170	18.44	ng	0.00
Target Compounds						Qvalue
10) Phenol	6.463	94	619974	37.17	ng	86
15) Benzyl Alcohol	6.963	79	157716	14.23	ng	96
17) 2-Methylphenol	7.069	107	70350	6.62	ng	99
20) 3+4-Methylphenols	7.227	107	125135m	9.31	ng	
27) 2,4-Dimethylphenol	7.757	122	73540	6.93	ng	96
31) Naphthalene	8.121	128	612977	14.85	ng	100
37) 2-Methylnaphthalene	8.815	142	175003	6.41	ng	96
38) 1-Methylnaphthalene	8.915	142	104149	4.03	ng	98
50) Dimethylphthalate	9.568	163	69484	2.14	ng	# 97
60) Diethylphthalate	10.268	149	94939	3.00	ng	98
80) Butylbenzylphthalate	13.403	149	94488	4.49	ng	92

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

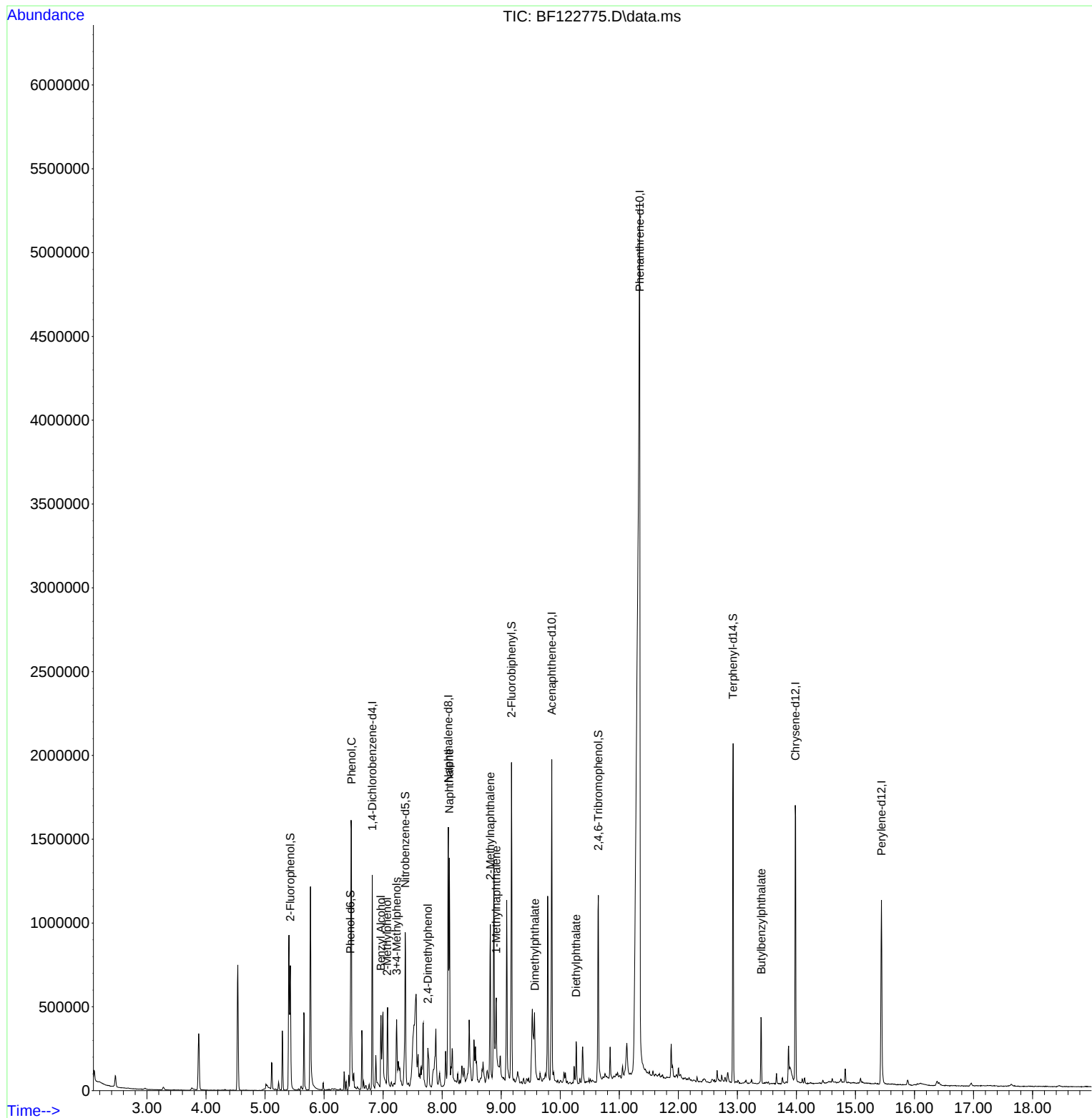
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Data File : BF122775.D
Acq On : 17 Dec 2020 20:41
Operator : JU/CG
Sample : L5115-02
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
GROUNDWATER

Manual Integrations
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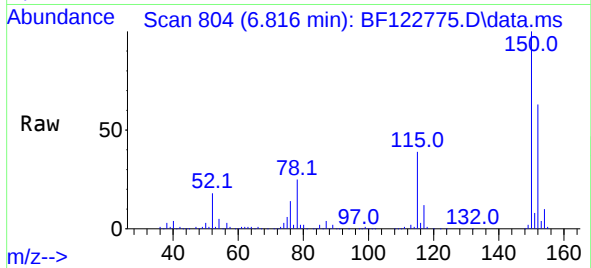
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Quant Time: Dec 18 01:44:52 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 15 18:14:23 2020
Response via : Initial Calibration

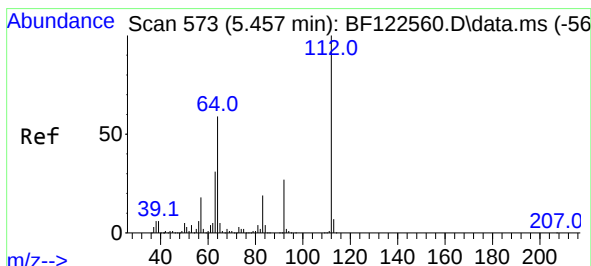
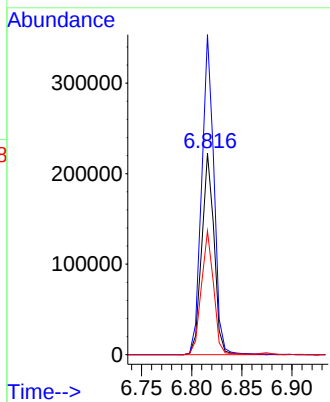
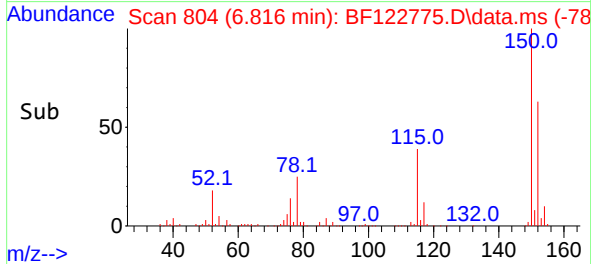




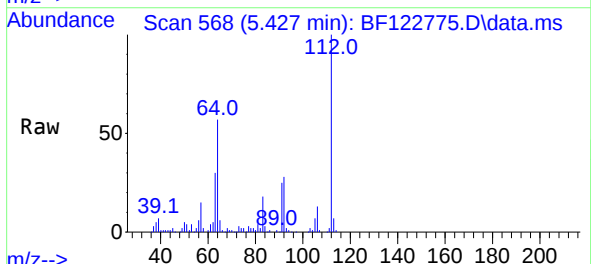
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.816 min Scan# 804
Delta R.T. -0.006 min
Lab File: BF122775.D
Acq: 17 Dec 2020 20:41



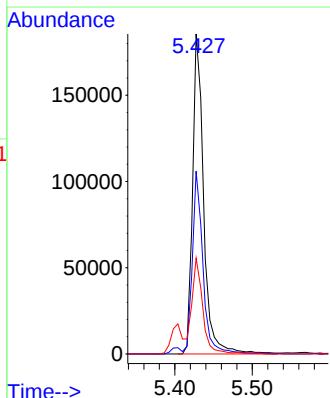
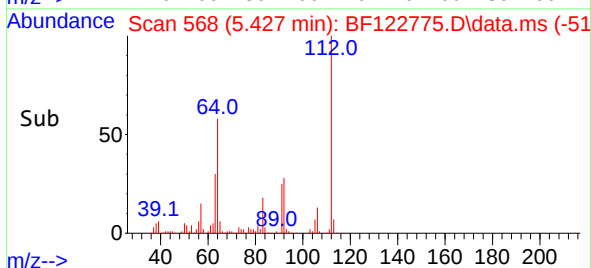
Tgt Ion:152 Resp: 192147
Ion Ratio Lower Upper
152 100
150 158.8 125.8 188.6
115 61.4 49.3 73.9



#5
2-Fluorophenol
Concen: 15.17 ng
RT: 5.427 min Scan# 568
Delta R.T. -0.006 min
Lab File: BF122775.D
Acq: 17 Dec 2020 20:41



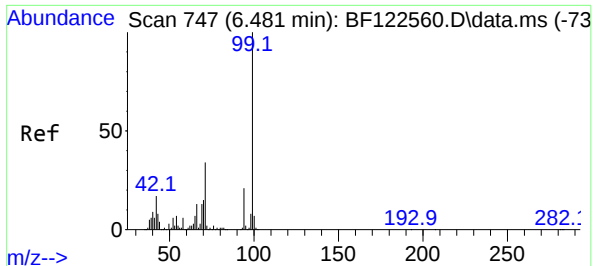
Tgt Ion:112 Resp: 184127
Ion Ratio Lower Upper
112 100
64 57.1 46.9 70.3
63 30.0 24.5 36.7



Instrument :
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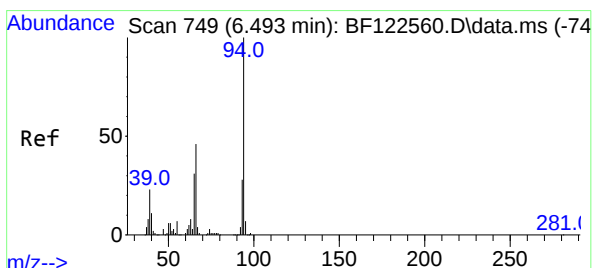
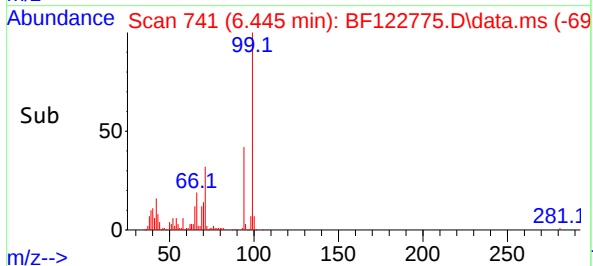
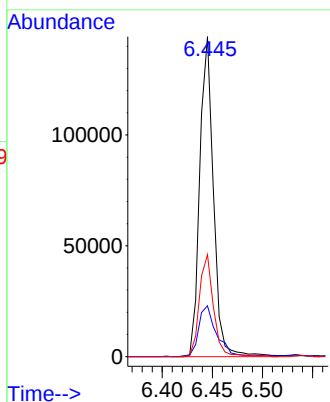
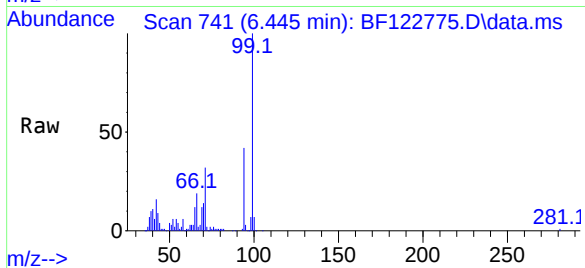
#7
Phenol-d6
Concen: 8.59 ng
RT: 6.445 min Scan# 741
Delta R.T. -0.012 min
Lab File: BF122775.D
Acq: 17 Dec 2020 20:41

Tgt Ion:	99	Resp:	138237
Ion	Ratio	Lower	Upper
99	100		
42	15.9	13.8	20.6
71	31.9	26.9	40.3

Instrument :
BNA_F
ClientSampleId :
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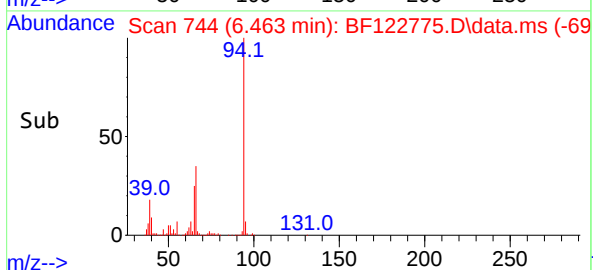
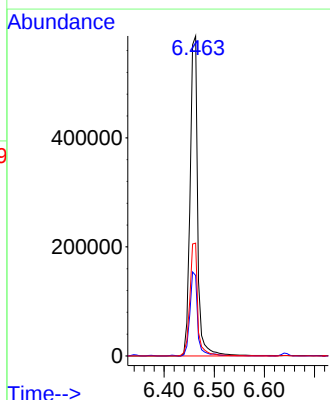
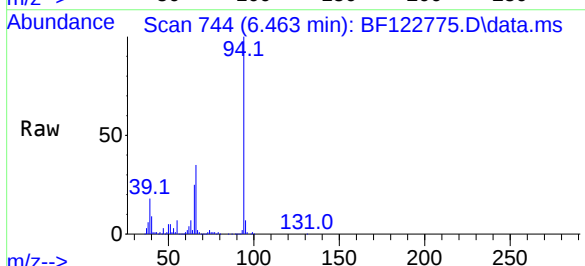
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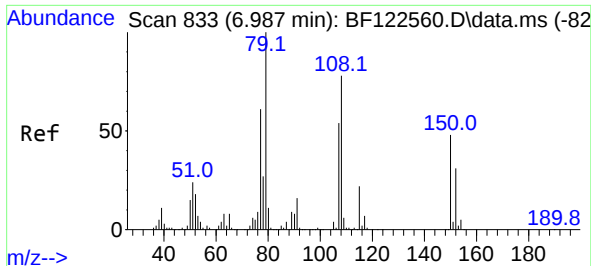
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#10
Phenol
Concen: 37.17 ng
RT: 6.463 min Scan# 744
Delta R.T. -0.006 min
Lab File: BF122775.D
Acq: 17 Dec 2020 20:41

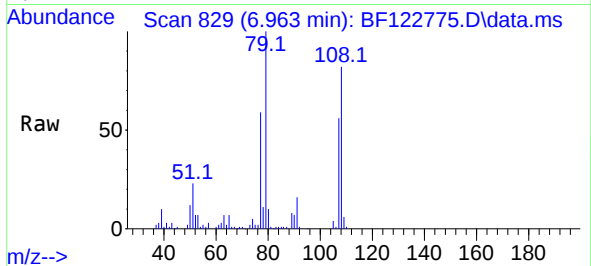
Tgt Ion:	94	Resp:	619974
Ion	Ratio	Lower	Upper
94	100		
65	25.1	11.2	51.2
66	35.2	25.8	65.8





#15
Benzyl Alcohol
Concen: 14.23 ng
RT: 6.963 min Scan# 829
Delta R.T. -0.006 min
Lab File: BF122775.D
Acq: 17 Dec 2020 20:41

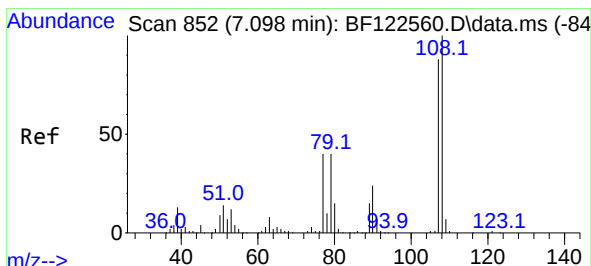
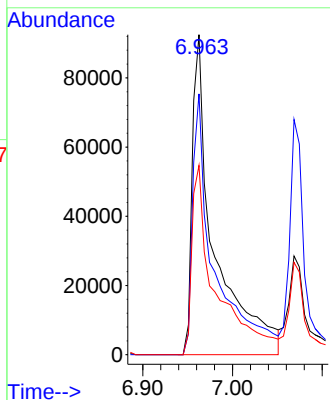
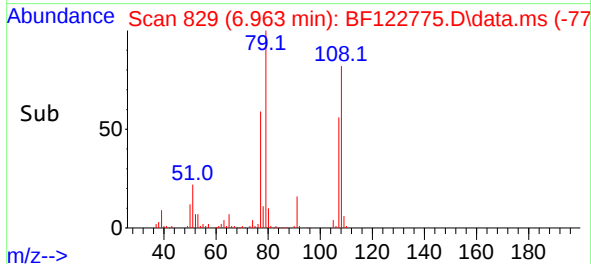
Instrument :
BNA_F
ClientSampled :
GROUNDWATER



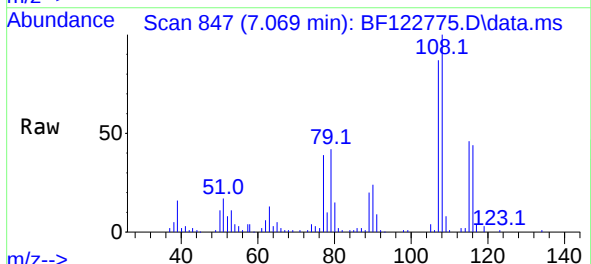
Tgt Ion: 79 Resp: 157716
Ion Ratio Lower Upper
79 100
108 81.5 62.4 93.6
77 59.1 49.0 73.6

Manual Integrations
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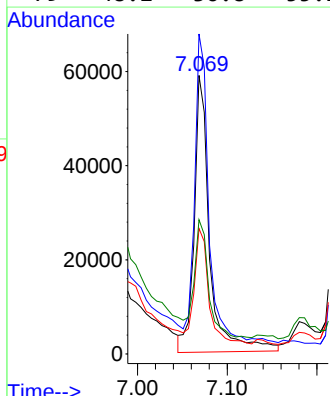
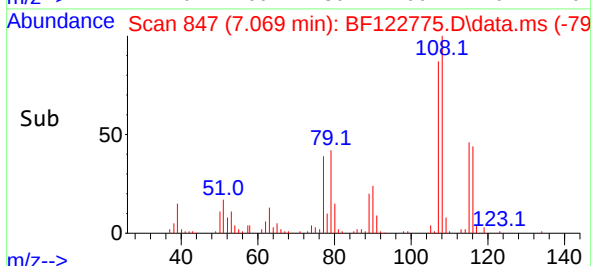
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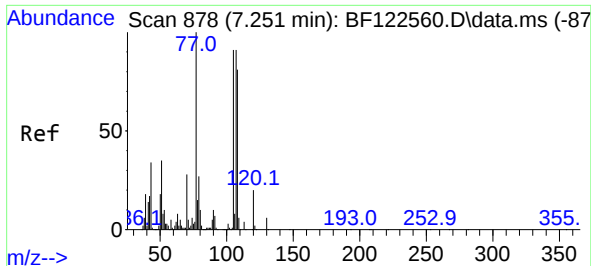


#17
2-Methylphenol
Concen: 6.62 ng
RT: 7.069 min Scan# 847
Delta R.T. -0.012 min
Lab File: BF122775.D
Acq: 17 Dec 2020 20:41

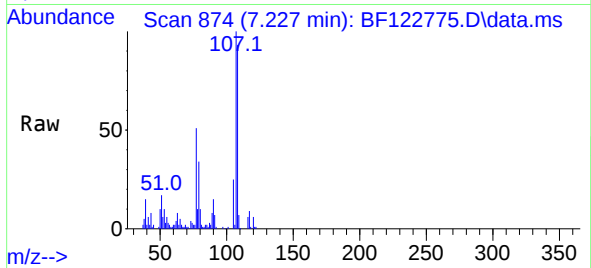


Tgt Ion: 107 Resp: 70350
Ion Ratio Lower Upper
107 100
108 114.9 91.1 136.7
77 45.1 36.3 54.5
79 48.2 36.8 55.2

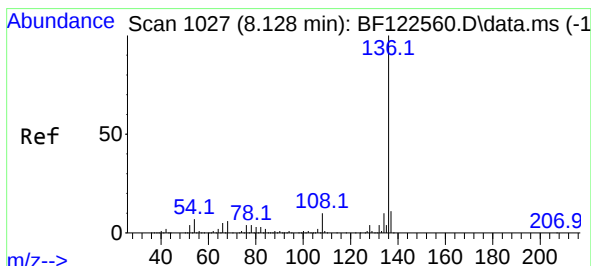
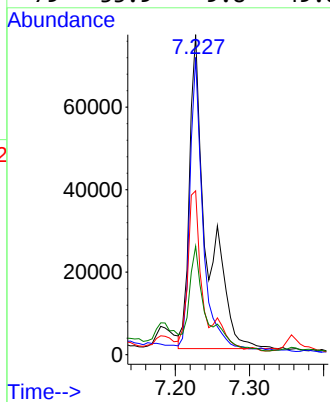
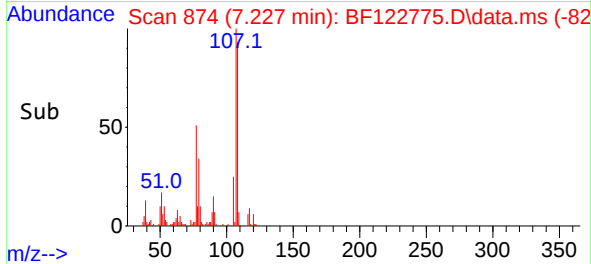




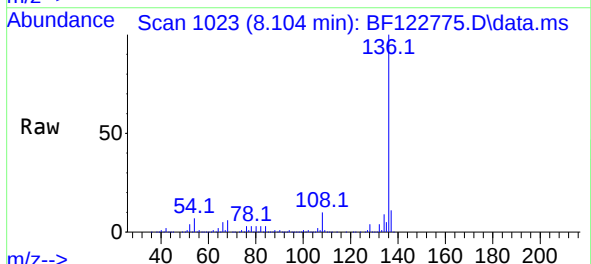
#20
3+4-Methylphenols
Concen: 9.31 ng m
RT: 7.227 min Scan# 874
Delta R.T. -0.006 min
Lab File: BF122775.D
Acq: 17 Dec 2020 20:41



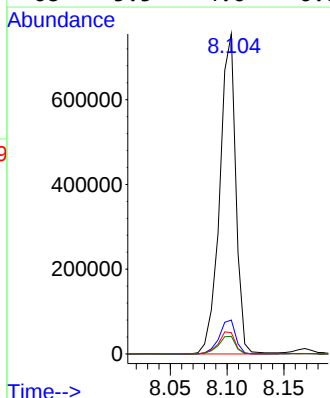
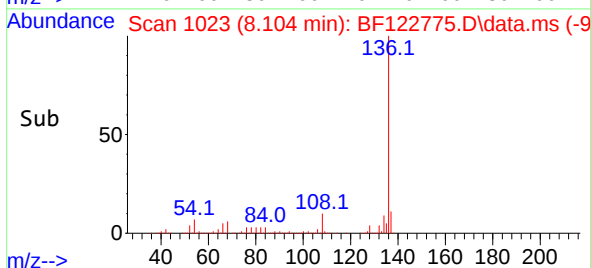
Tgt Ion:107 Resp: 125135
Ion Ratio Lower Upper
107 100
108 92.8 68.7 108.7
77 51.2 89.8 129.8#
79 33.9 9.8 49.8



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.104 min Scan# 1023
Delta R.T. -0.006 min
Lab File: BF122775.D
Acq: 17 Dec 2020 20:41



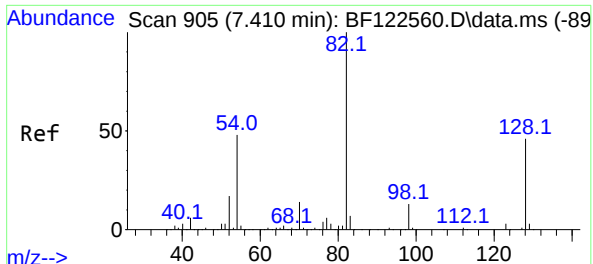
Tgt Ion:136 Resp: 747818
Ion Ratio Lower Upper
136 100
137 10.6 8.8 13.2
54 6.7 5.5 8.3
68 5.5 4.6 6.8



Instrument :
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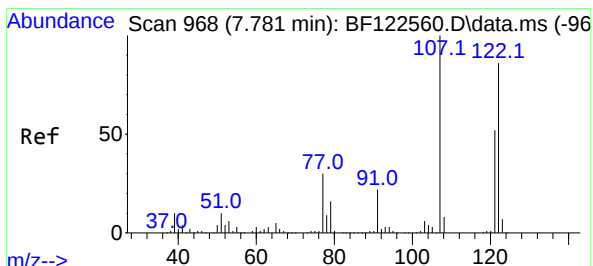
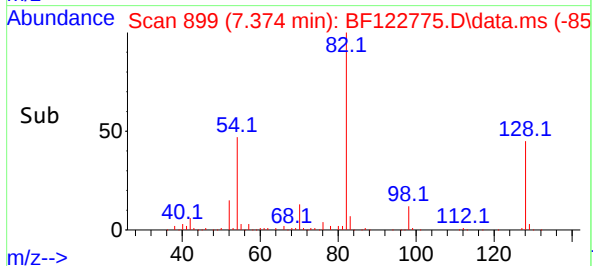
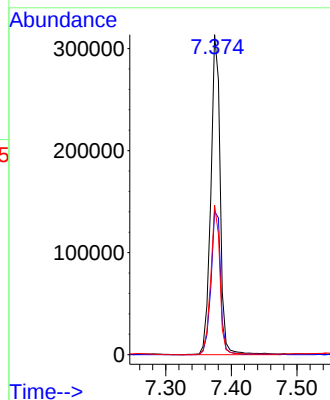
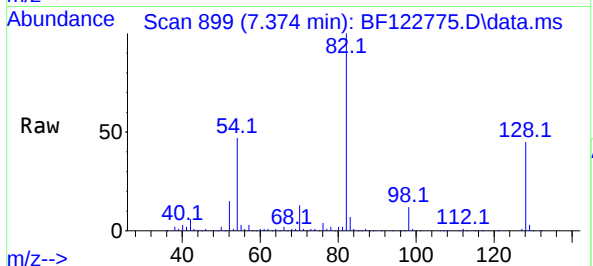
#23
Nitrobenzene-d5
Concen: 21.02 ng
RT: 7.374 min Scan# 899
Delta R.T. -0.018 min
Lab File: BF122775.D
Acq: 17 Dec 2020 20:41

Tgt Ion: 82 Resp: 313793
Ion Ratio Lower Upper
82 100
128 44.8 37.0 55.4
54 46.7 38.4 57.6

Instrument :
BNA_F
ClientSampleId :
GROUNDWATER

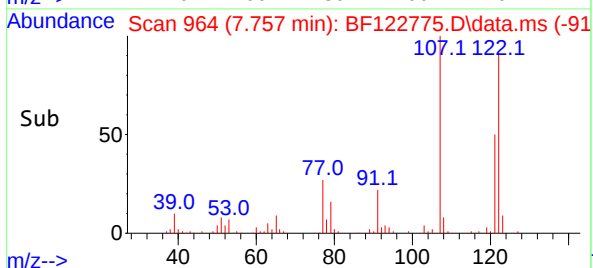
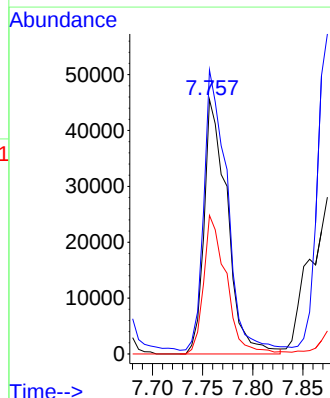
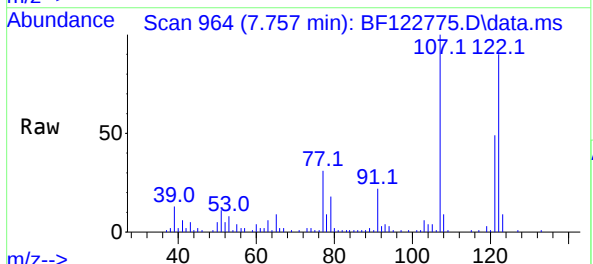
Manual Integrations
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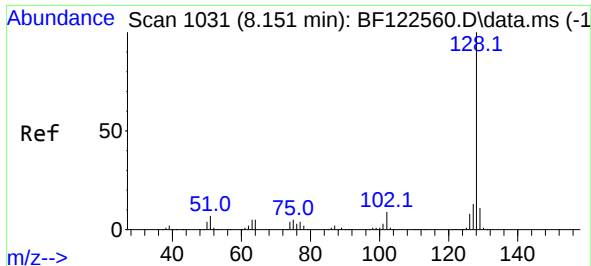
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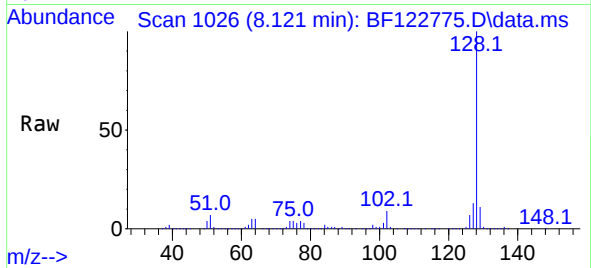
#27
2,4-Dimethylphenol
Concen: 6.93 ng
RT: 7.757 min Scan# 964
Delta R.T. -0.006 min
Lab File: BF122775.D
Acq: 17 Dec 2020 20:41

Tgt Ion: 122 Resp: 73540
Ion Ratio Lower Upper
122 100
107 111.6 91.8 137.8
121 54.4 47.3 70.9

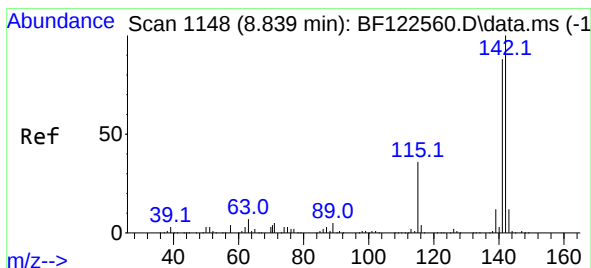
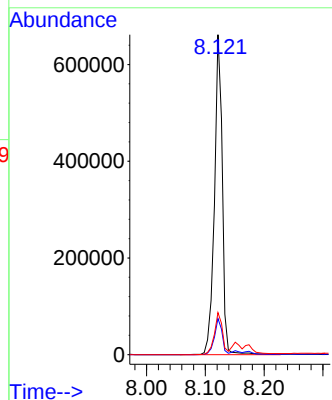
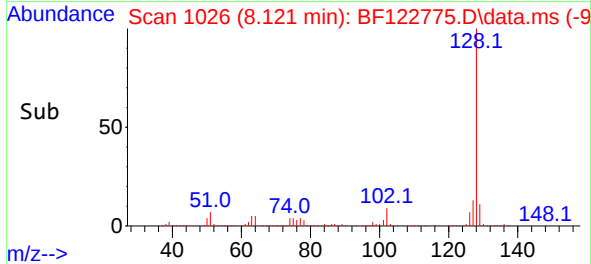




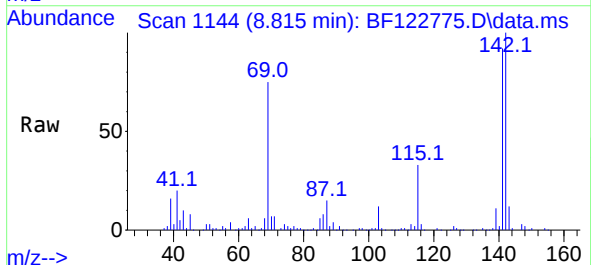
#31
Naphthalene
Concen: 14.85 ng
RT: 8.121 min Scan# 1026
Delta R.T. -0.006 min
Lab File: BF122775.D
Acq: 17 Dec 2020 20:41



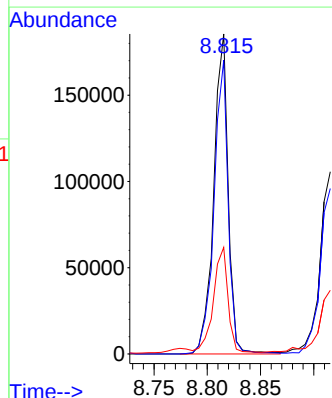
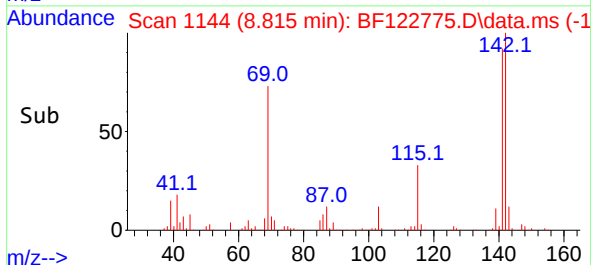
Tgt Ion:128 Resp: 612977
Ion Ratio Lower Upper
128 100
129 11.3 9.0 13.6
127 13.1 10.7 16.1



#37
2-Methylnaphthalene
Concen: 6.41 ng
RT: 8.815 min Scan# 1144
Delta R.T. -0.006 min
Lab File: BF122775.D
Acq: 17 Dec 2020 20:41



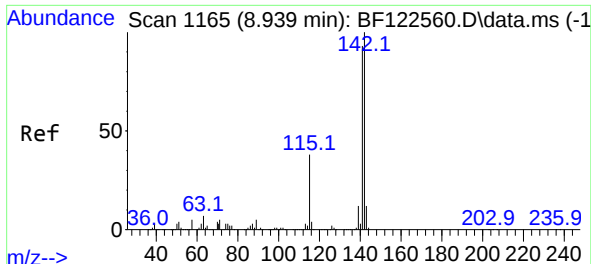
Tgt Ion:142 Resp: 175003
Ion Ratio Lower Upper
142 100
141 91.8 70.6 106.0
115 33.3 28.7 43.1



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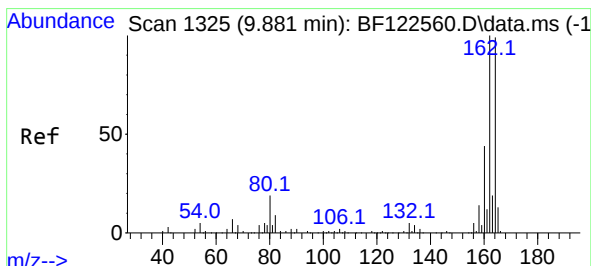
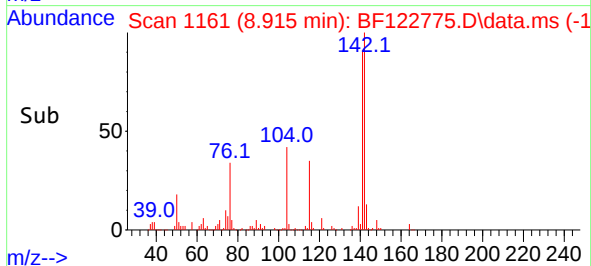
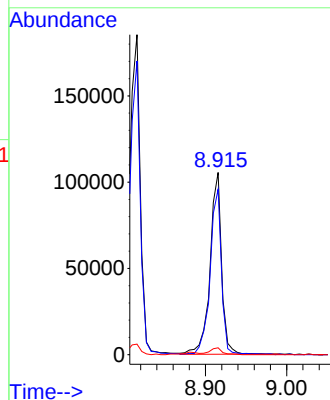
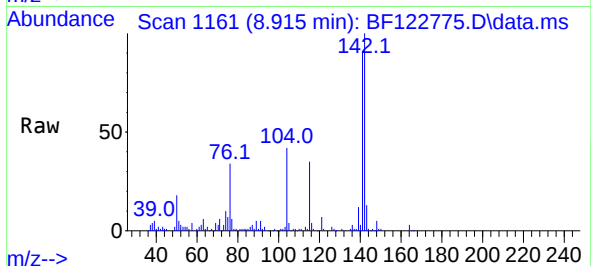
#38
1-Methylnaphthalene
Concen: 4.03 ng
RT: 8.915 min Scan# 1161
Delta R.T. -0.006 min
Lab File: BF122775.D
Acq: 17 Dec 2020 20:41

Instrument :
BNA_F
ClientSampleId :
GROUNDWATER

Tgt Ion:142 Resp: 104149
Ion Ratio Lower Upper
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141 90.7 74.5 111.7
116 3.8 3.2 4.8

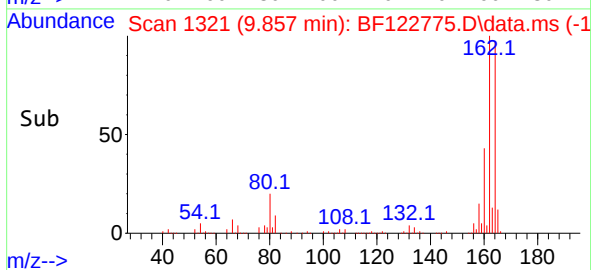
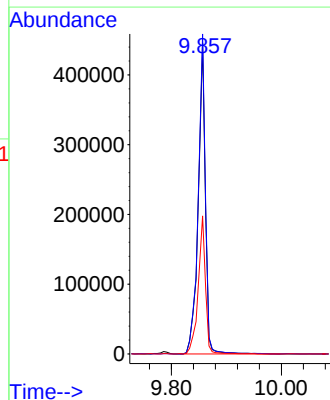
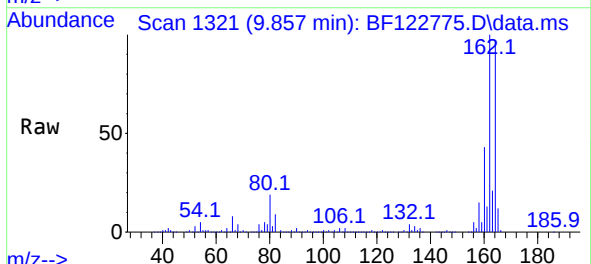
Manual Integrations
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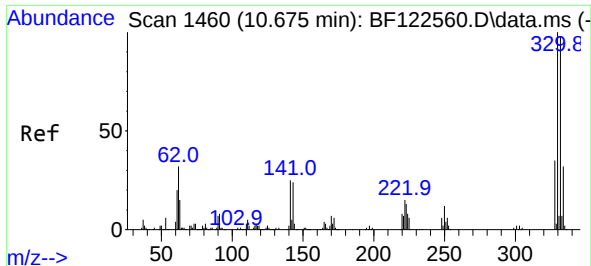
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#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.857 min Scan# 1321
Delta R.T. -0.006 min
Lab File: BF122775.D
Acq: 17 Dec 2020 20:41

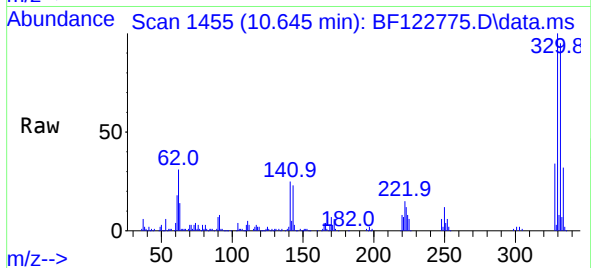
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Ion Ratio Lower Upper
164 100
162 102.9 80.8 121.2
160 44.4 35.4 53.0





#42
2,4,6-Tribromophenol
Concen: 32.69 ng
RT: 10.645 min Scan# 1455
Delta R.T. -0.006 min
Lab File: BF122775.D
Acq: 17 Dec 2020 20:41

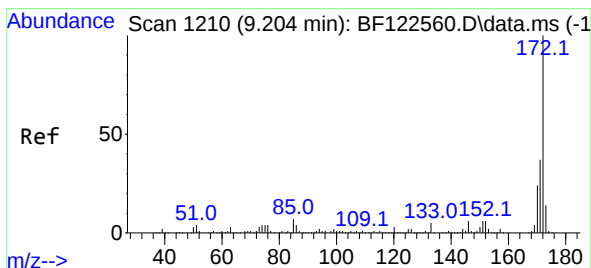
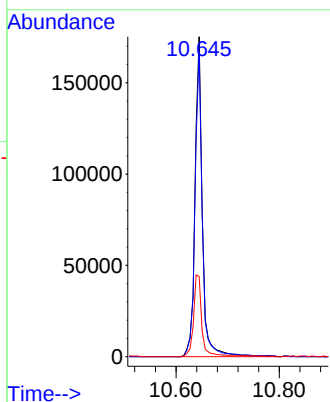
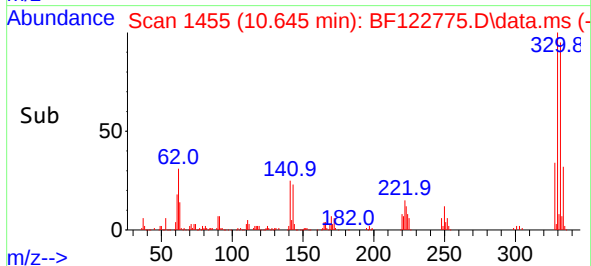
Instrument :
BNA_F
ClientSampleId :
GROUNDWATER



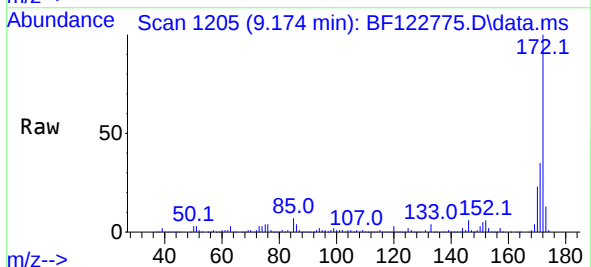
Tgt Ion: 330 Resp: 174156
Ion Ratio Lower Upper
330 100
332 95.0 77.5 116.3
141 28.6 23.8 35.8

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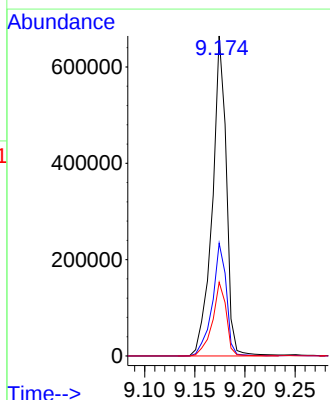
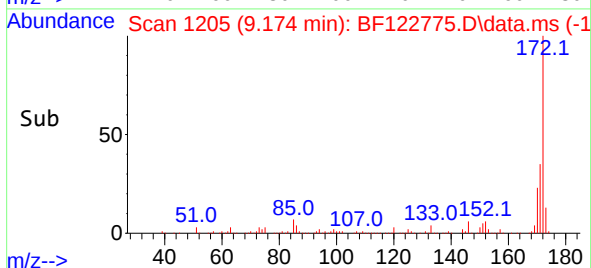
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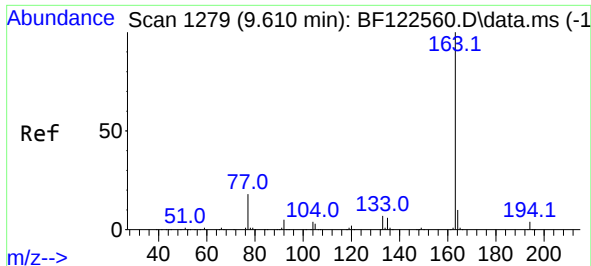


#45
2-Fluorobiphenyl
Concen: 21.52 ng
RT: 9.174 min Scan# 1205
Delta R.T. -0.012 min
Lab File: BF122775.D
Acq: 17 Dec 2020 20:41

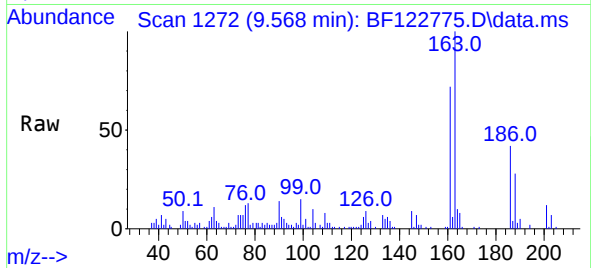


Tgt Ion: 172 Resp: 647529
Ion Ratio Lower Upper
172 100
171 35.3 29.6 44.4
170 23.0 19.5 29.3

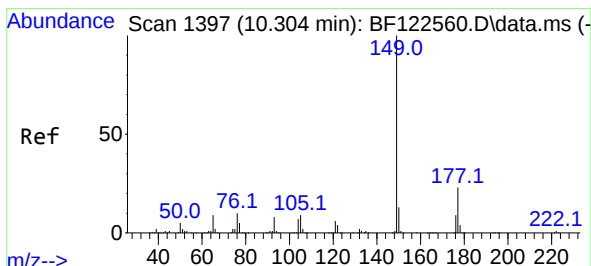
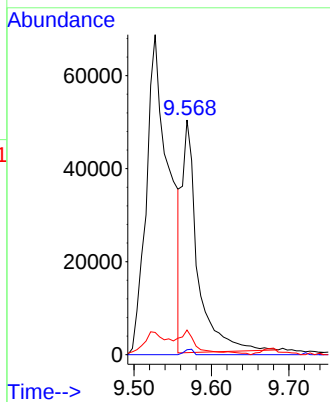
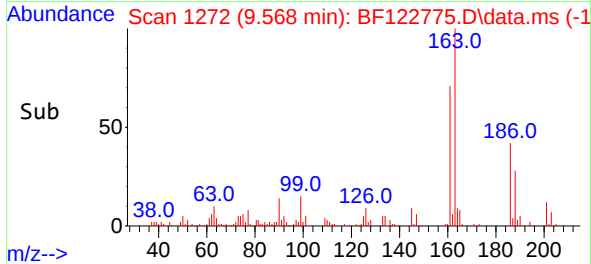




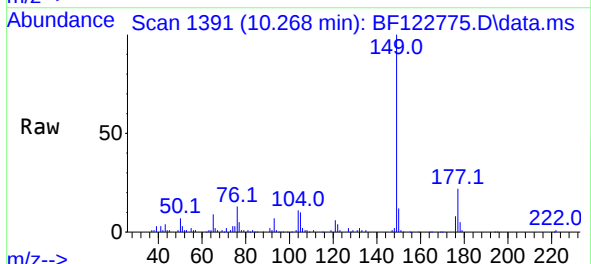
#50
Dimethylphthalate
Concen: 2.14 ng
RT: 9.568 min Scan# 1272
Delta R.T. -0.018 min
Lab File: BF122775.D
Acq: 17 Dec 2020 20:41



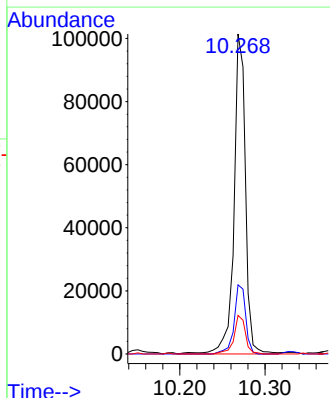
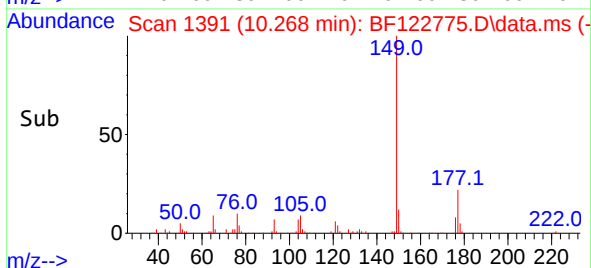
Tgt Ion:163 Resp: 69484
Ion Ratio Lower Upper
163 100
194 2.1 3.4 5.0#
164 10.5 8.1 12.1



#60
Diethylphthalate
Concen: 3.00 ng
RT: 10.268 min Scan# 1391
Delta R.T. -0.012 min
Lab File: BF122775.D
Acq: 17 Dec 2020 20:41



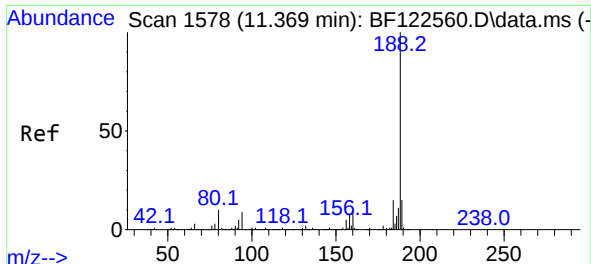
Tgt Ion:149 Resp: 94939
Ion Ratio Lower Upper
149 100
177 21.6 18.2 27.4
150 12.1 10.1 15.1



Instrument :
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ClientSampleId :
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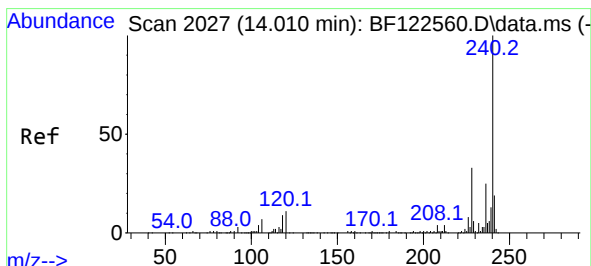
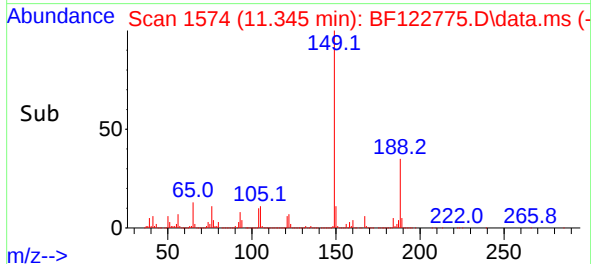
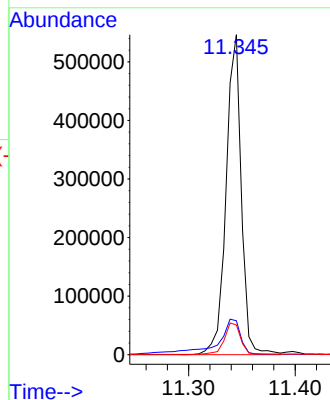
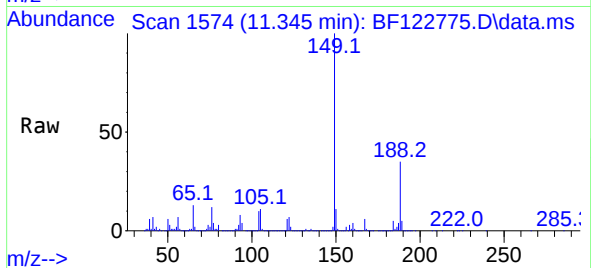
#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.345 min Scan# 1574
Delta R.T. -0.001 min
Lab File: BF122775.D
Acq: 17 Dec 2020 20:41

Tgt Ion:188 Resp: 540923
Ion Ratio Lower Upper
188 100
94 10.6 7.4 11.2
80 9.3 8.2 12.4

Instrument :
BNA_F
ClientSampleId :
GROUNDWATER

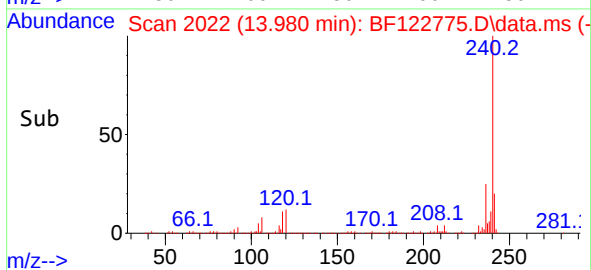
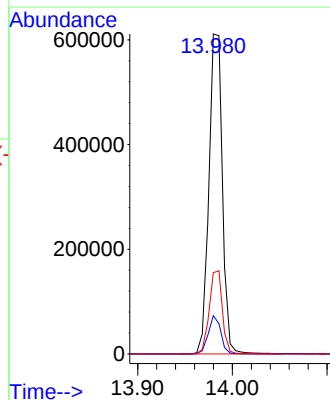
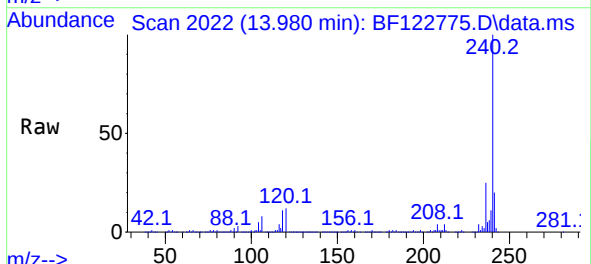
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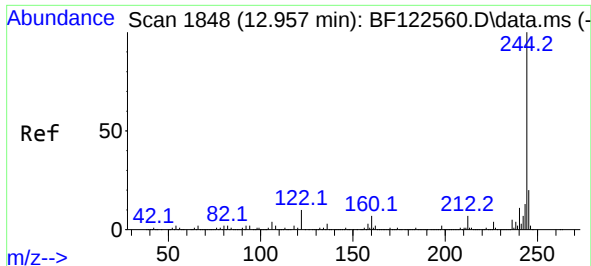
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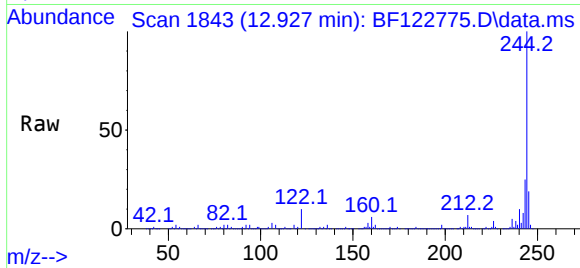
#76
Chrysene-d12
Concen: 20.00 ng
RT: 13.980 min Scan# 2022
Delta R.T. -0.006 min
Lab File: BF122775.D
Acq: 17 Dec 2020 20:41

Tgt Ion:240 Resp: 604803
Ion Ratio Lower Upper
240 100
120 12.0 8.6 12.8
236 25.4 20.3 30.5

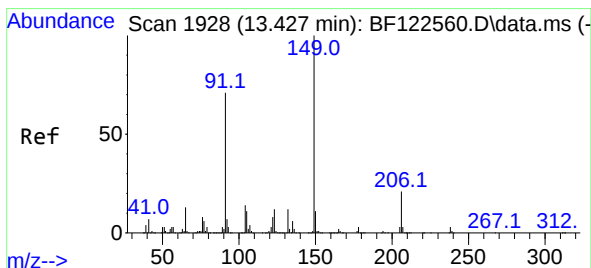
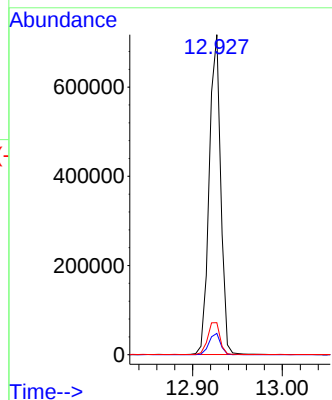
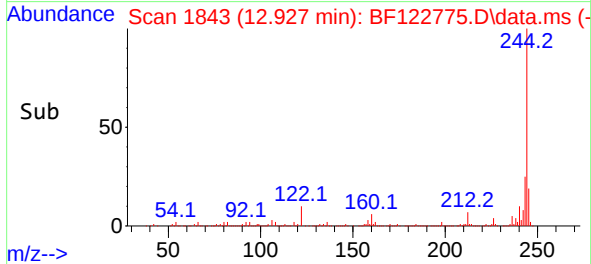




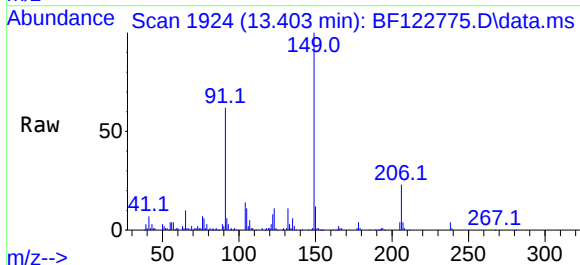
#79
Terphenyl-d14
Concen: 18.44 ng
RT: 12.927 min Scan# 1843
Delta R.T. -0.006 min
Lab File: BF122775.D
Acq: 17 Dec 2020 20:41



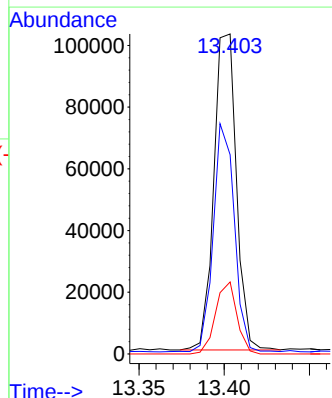
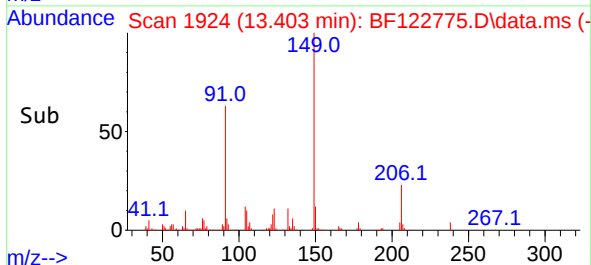
Tgt Ion:244 Resp: 637170
Ion Ratio Lower Upper
244 100
212 6.6 5.7 8.5
122 10.0 8.3 12.5



#80
Butylbenzylphthalate
Concen: 4.49 ng
RT: 13.403 min Scan# 1924
Delta R.T. -0.001 min
Lab File: BF122775.D
Acq: 17 Dec 2020 20:41



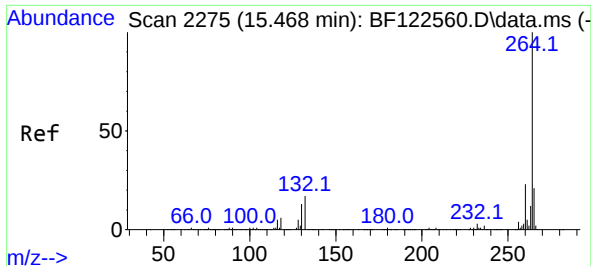
Tgt Ion:149 Resp: 94488
Ion Ratio Lower Upper
149 100
91 62.2 56.5 84.7
206 22.5 17.0 25.6



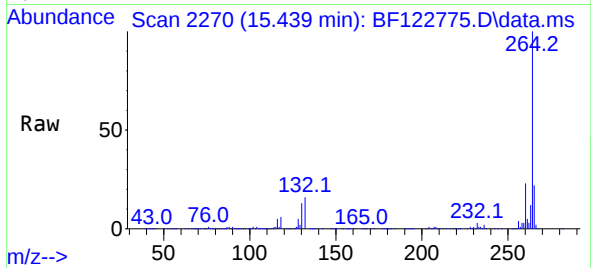
Instrument :
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ClientSampleId :
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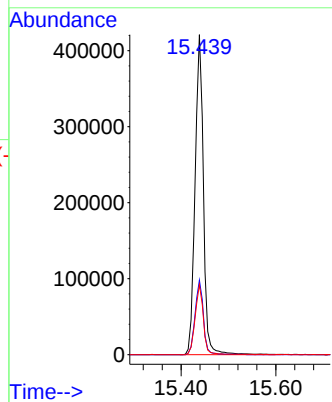
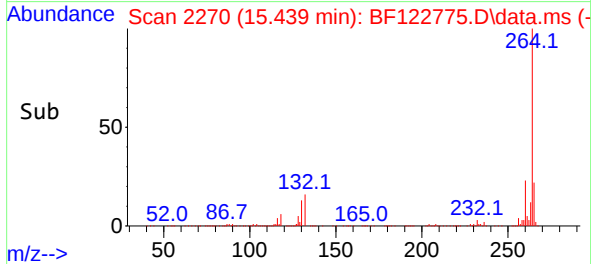


#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.439 min Scan# 2270
 Delta R.T. -0.000 min
 Lab File: BF122775.D
 Acq: 17 Dec 2020 20:41



Tgt Ion: 264 Resp: 514608

Ion	Ratio	Lower	Upper
264	100		
260	23.3	18.6	28.0
265	21.9	17.0	25.6



Instrument :
 BNA_F
 ClientSampleId :
 GROUNDWATER

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