

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP042321\
 Data File : BP005389.D
 Acq On : 23 Apr 2021 12:34
 Operator : CG/JU
 Sample : M2107-03
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SB-29-9.5-10.0

Quant Time: Apr 23 13:14:42 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP042121.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 21 17:40:15 2021
 Response via : Initial Calibration

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

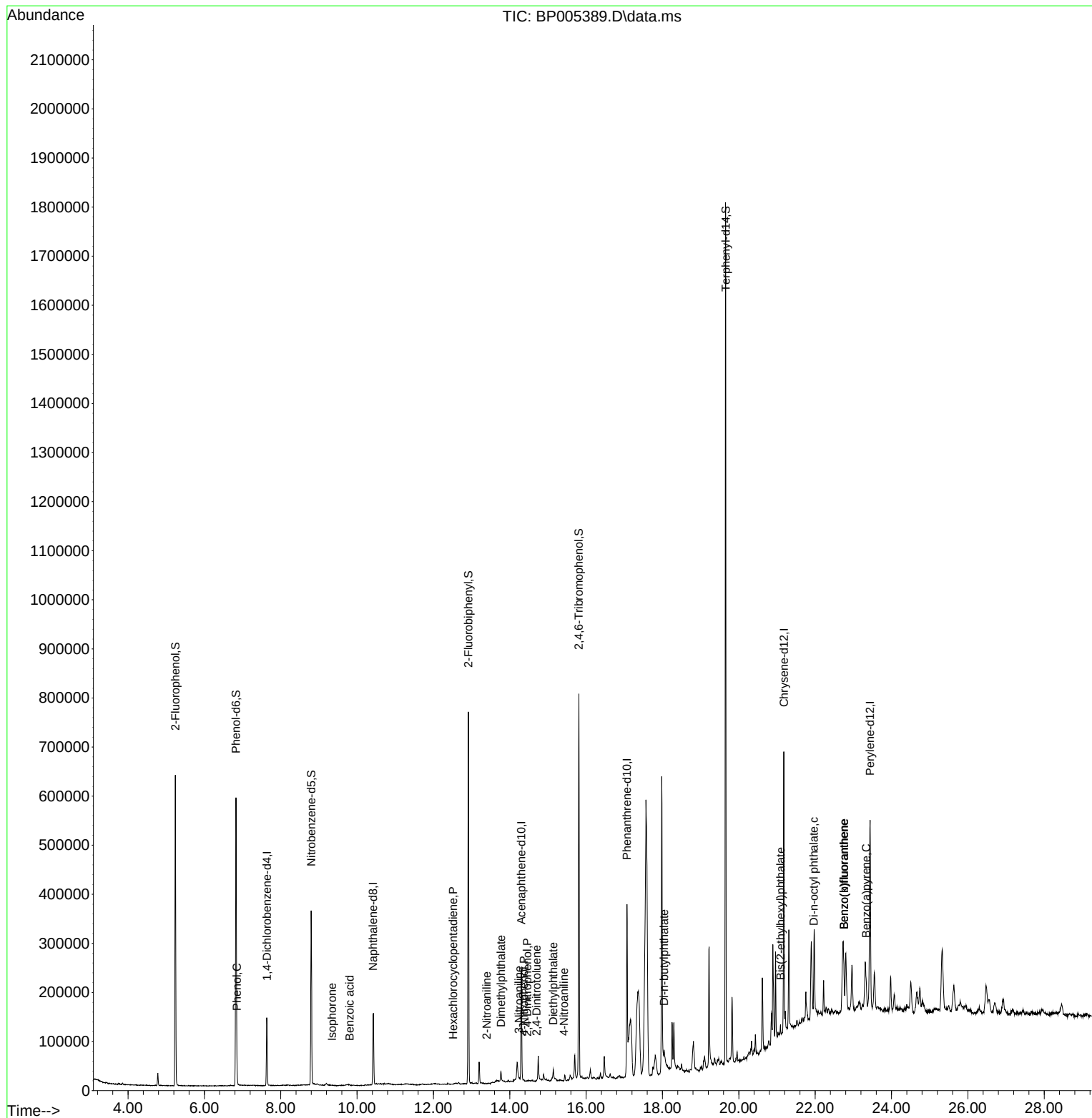
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.640	152	25003	20.00	ng	0.00
21) Naphthalene-d8	10.422	136	87026	20.00	ng	#-0.01
39) Acenaphthene-d10	14.304	164	59666	20.00	ng	0.00
64) Phenanthrene-d10	17.069	188	152616	20.00	ng	# 0.00
76) Chrysene-d12	21.180	240	235830	20.00	ng	0.00
86) Perylene-d12	23.439	264	264010	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.240	112	172394	119.77	ng	0.00
7) Phenol-d6	6.828	99	219484	110.67	ng	0.00
23) Nitrobenzene-d5	8.799	82	186268	93.09	ng	0.00
42) 2,4,6-Tribromophenol	15.810	330	103865	91.01	ng	0.00
45) 2-Fluorobiphenyl	12.916	172	298794	64.82	ng	0.00
79) Terphenyl-d14	19.657	244	688336	54.09	ng	0.00
Target Compounds						
						Qvalue
10) Phenol	6.852	94	6030	3.05	ng	# 19
25) Isophorone	9.340	82	108	2.98	ng	# 1
32) Benzoic acid	9.810	122	63	7.80	ng	# 37
41) Hexachlorocyclopentadiene	12.516	237	14	6.97	ng	78
48) 2-Nitroaniline	13.399	65	141	5.55	ng	# 42
50) Dimethylphthalate	13.769	163	8781	2.03	ng	# 92
53) 3-Nitroaniline	14.240	138	74	2.73	ng	# 27
54) 2,4-Dinitrophenol	14.457	184	23	7.55	ng	# 1
56) 4-Nitrophenol	14.375	139	63	5.38	ng	95
57) 2,4-Dinitrotoluene	14.704	165	199	3.24	ng	# 63
60) Diethylphthalate	15.140	149	10431	2.55	ng	95
62) 4-Nitroaniline	15.422	138	131	3.96	ng	# 54
74) Di-n-butylphthalate	18.045	149	20693	6.43	ng	99
84) Bis(2-ethylhexyl)phtha...	21.092	149	6568	4.14	ng	95
85) Di-n-octyl phthalate	21.963	149	19169	2.14	ng	# 1
88) Benzo(b)fluoranthene	22.757	252	52124	3.00	ng	99
89) Benzo(k)fluoranthene	22.757	252	52124	3.05	ng	97
90) Benzo(a)pyrene	23.339	252	39504	2.49	ng	# 97

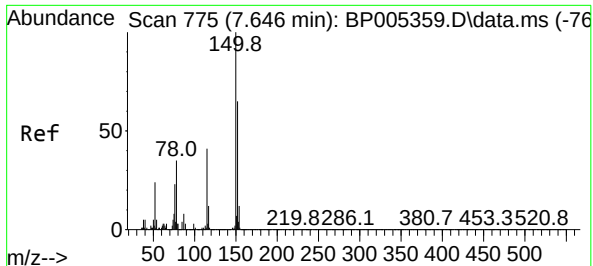
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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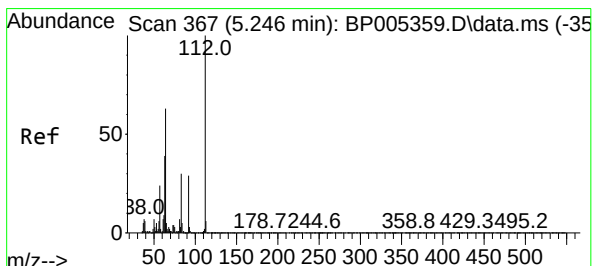
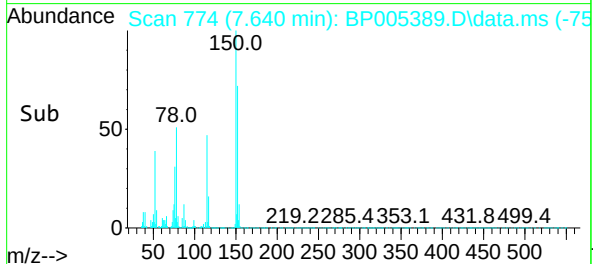
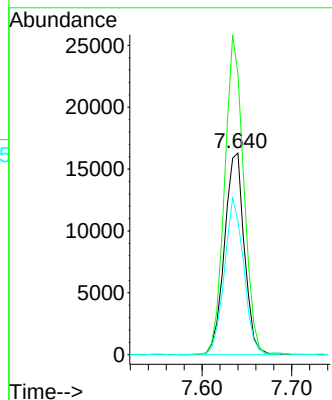
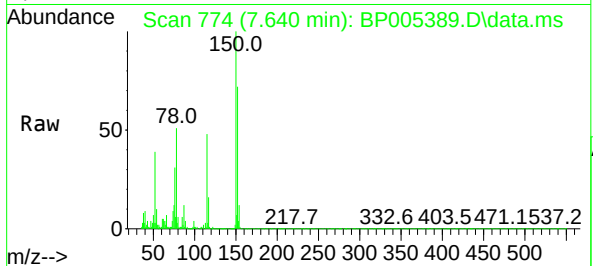




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.640 min Scan# 774
Delta R.T. -0.006 min
Lab File: BP005389.D
Acq: 23 Apr 2021 12:34

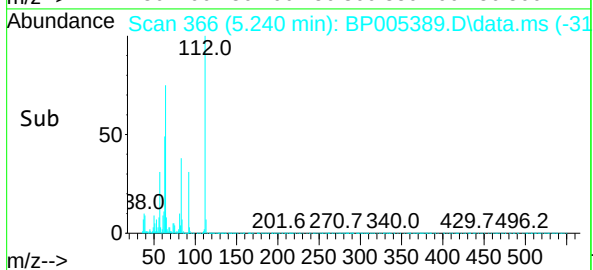
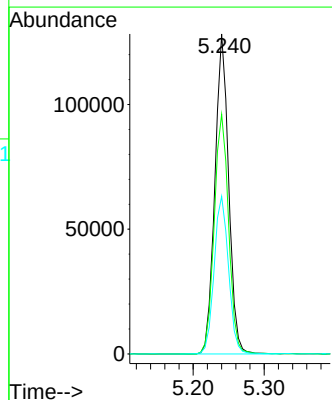
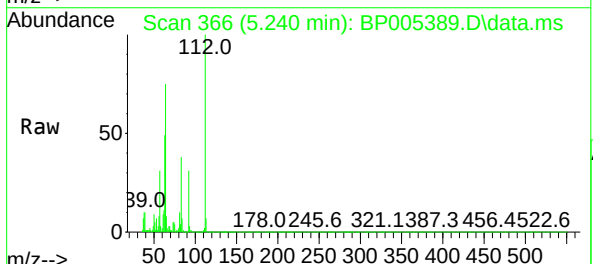
Instrument :
BNA_P
ClientSampleId :
SB-29-9.5-10.0

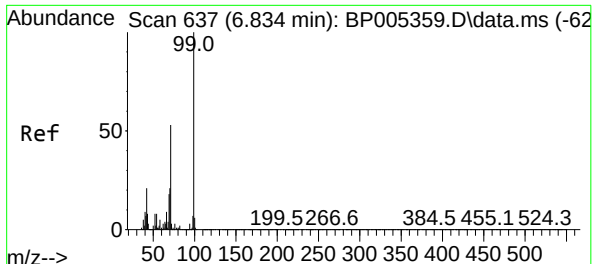
Tgt Ion:152 Resp: 25003
Ion Ratio Lower Upper
152 100
150 139.3 119.8 179.8
115 66.2 49.0 73.4



#5
2-Fluorophenol
Concen: 119.77 ng
RT: 5.240 min Scan# 366
Delta R.T. -0.006 min
Lab File: BP005389.D
Acq: 23 Apr 2021 12:34

Tgt Ion:112 Resp: 172394
Ion Ratio Lower Upper
112 100
64 74.9 33.6 50.4#
63 49.2 18.6 27.8#

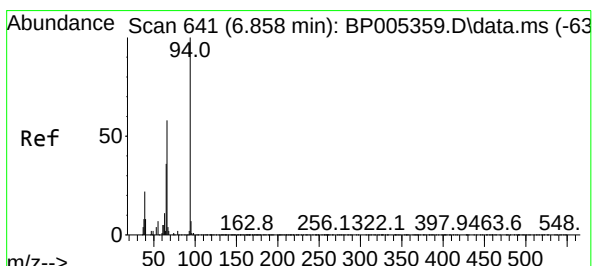
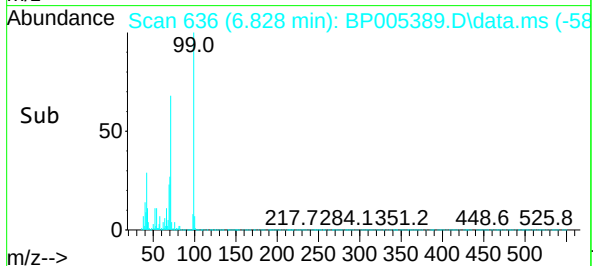
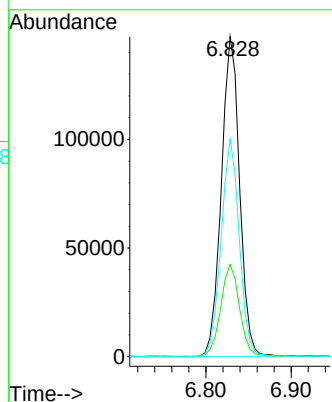
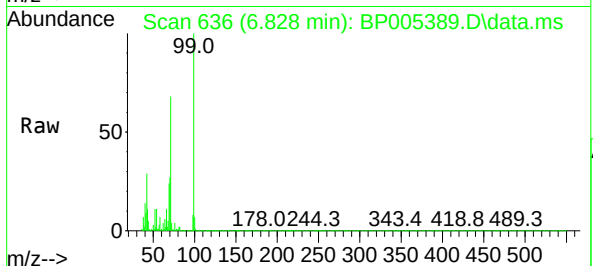




#7
Phenol-d6
Concen: 110.67 ng
RT: 6.828 min Scan# 636
Delta R.T. -0.006 min
Lab File: BP005389.D
Acq: 23 Apr 2021 12:34

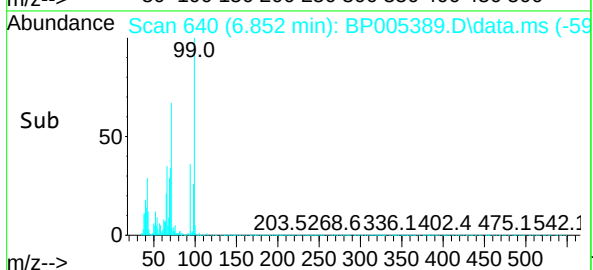
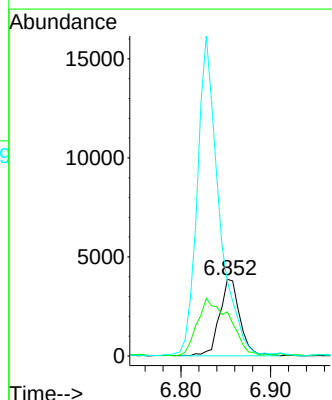
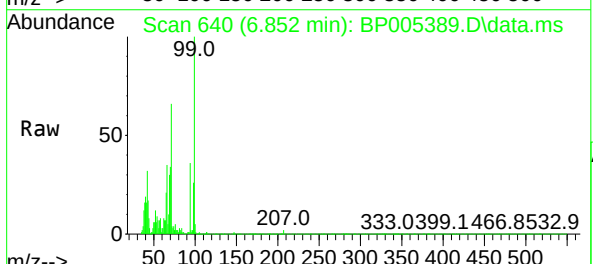
Instrument :
BNA_P
ClientSampleId :
SB-29-9.5-10.0

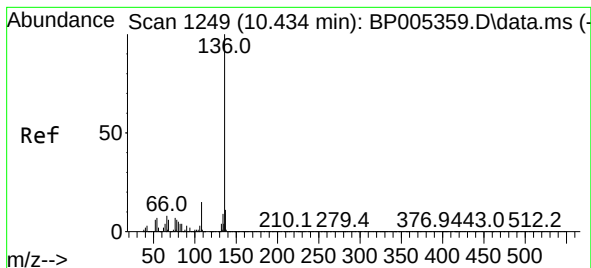
Tgt Ion: 99 Resp: 219484
Ion Ratio Lower Upper
99 100
42 28.8 12.9 19.3#
71 68.0 26.7 40.1#



#10
Phenol
Concen: 3.05 ng
RT: 6.852 min Scan# 640
Delta R.T. -0.006 min
Lab File: BP005389.D
Acq: 23 Apr 2021 12:34

Tgt Ion: 94 Resp: 6030
Ion Ratio Lower Upper
94 100
65 57.6 8.0 48.0#
66 97.1 17.3 57.3#

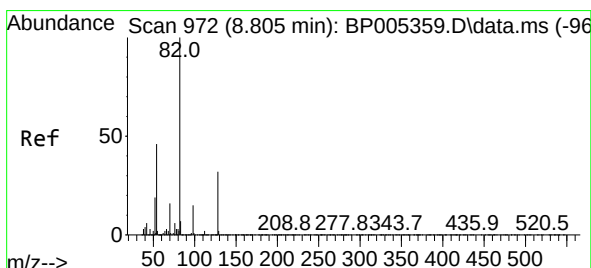
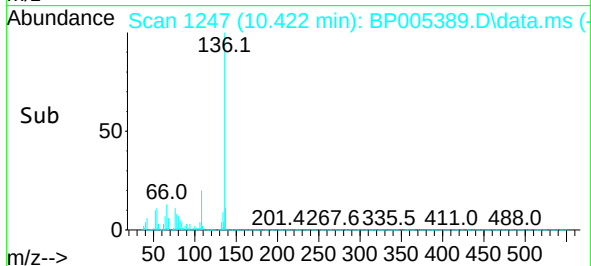
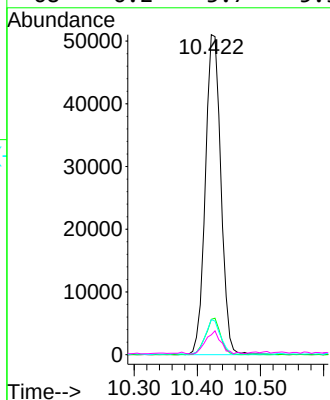
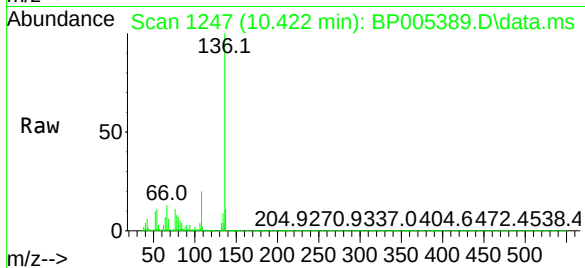




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.422 min Scan# 1247
Delta R.T. -0.012 min
Lab File: BP005389.D
Acq: 23 Apr 2021 12:34

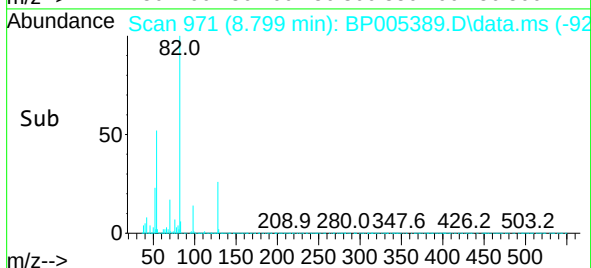
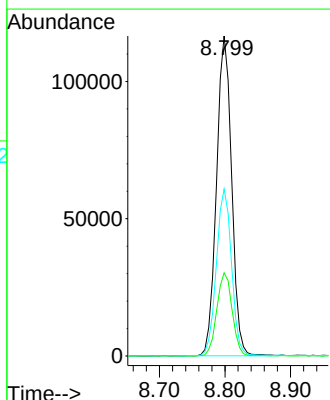
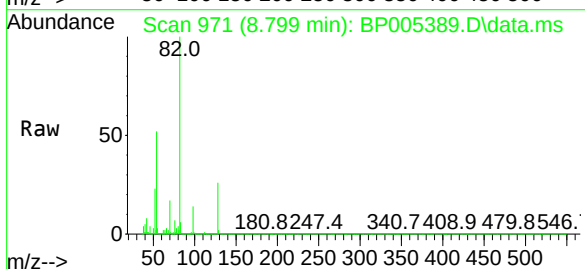
Instrument :
BNA_P
ClientSampleId :
SB-29-9.5-10.0

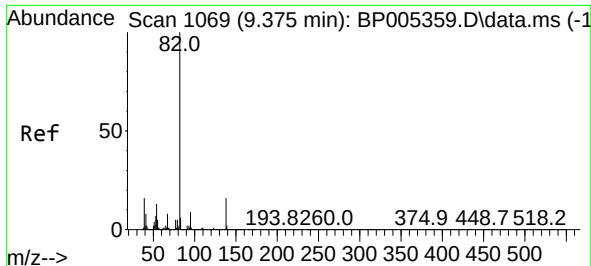
Tgt Ion:	136	Resp:	87026
Ion Ratio	Lower	Upper	
136	100		
137	11.0	8.9	13.3
54	11.0	5.0	7.4#
68	6.2	3.7	5.5#



#23
Nitrobenzene-d5
Concen: 93.09 ng
RT: 8.799 min Scan# 971
Delta R.T. -0.006 min
Lab File: BP005389.D
Acq: 23 Apr 2021 12:34

Tgt Ion:	82	Resp:	186268
Ion Ratio	Lower	Upper	
82	100		
128	26.0	30.5	45.7#
54	52.2	33.9	50.9#

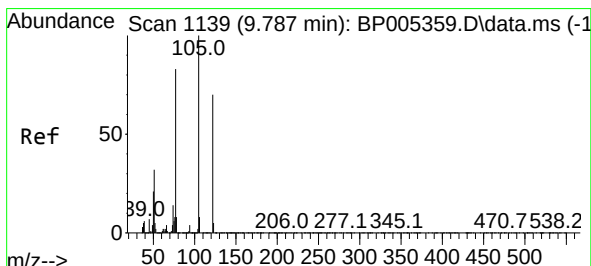
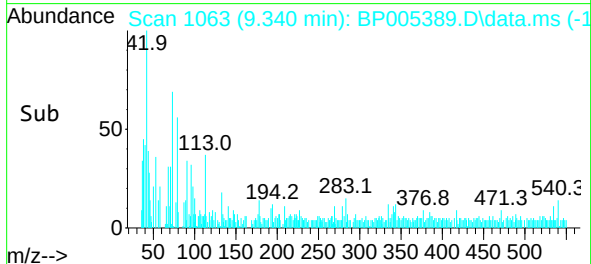
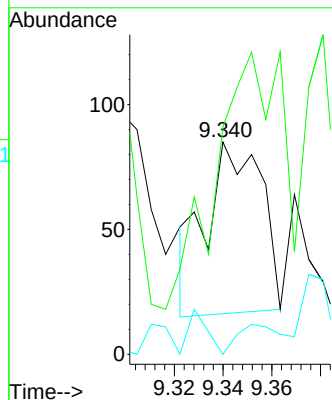
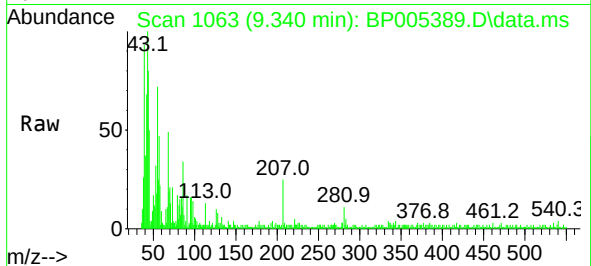




#25
Isophorone
Concen: 2.98 ng
RT: 9.340 min Scan# 1063
Delta R.T. -0.035 min
Lab File: BP005389.D
Acq: 23 Apr 2021 12:34

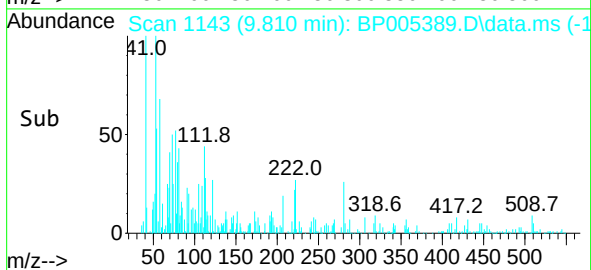
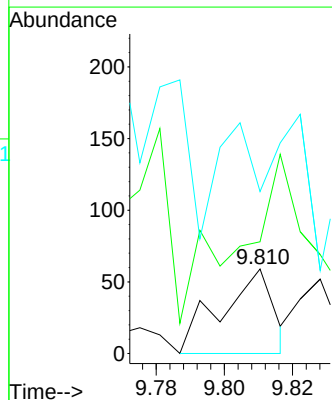
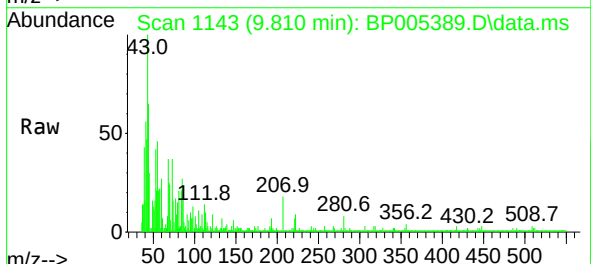
Instrument :
BNA_P
ClientSampleId :
SB-29-9.5-10.0

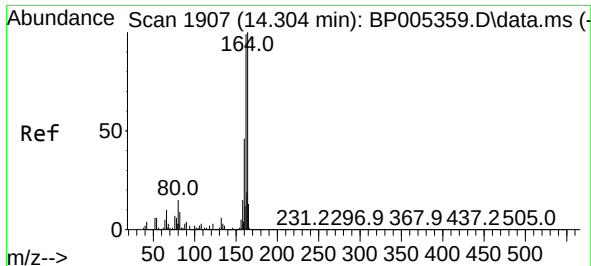
Tgt Ion:	82	Resp:	108
Ion	Ratio	Lower	Upper
82	100		
95	107.1	7.5	11.3#
138	0.0	14.6	22.0#



#32
Benzoic acid
Concen: 7.80 ng
RT: 9.810 min Scan# 1143
Delta R.T. 0.023 min
Lab File: BP005389.D
Acq: 23 Apr 2021 12:34

Tgt Ion:	122	Resp:	63
Ion	Ratio	Lower	Upper
122	100		
105	159.3	105.1	145.1#
77	191.5	69.6	109.6#

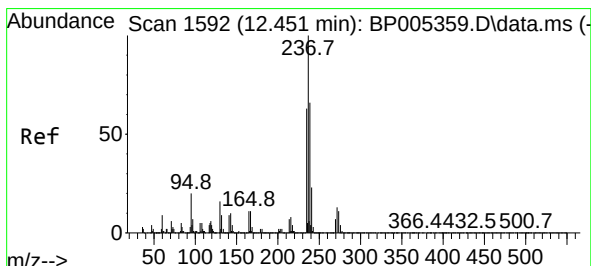
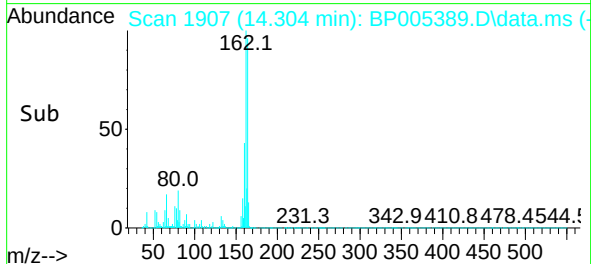
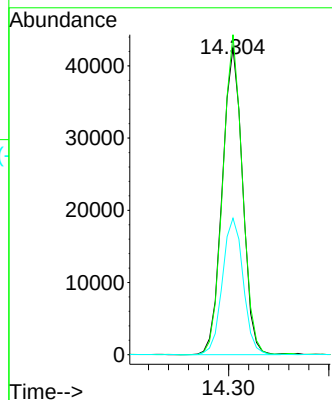
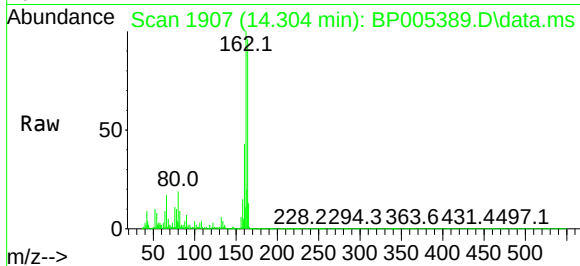




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.304 min Scan# 1907
Delta R.T. 0.000 min
Lab File: BP005389.D
Acq: 23 Apr 2021 12:34

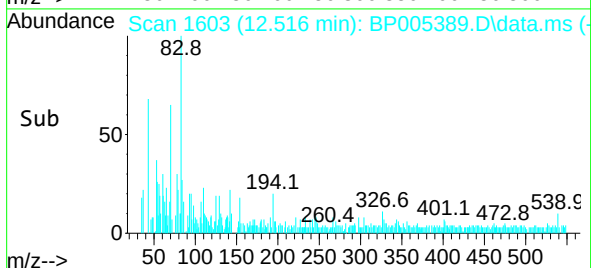
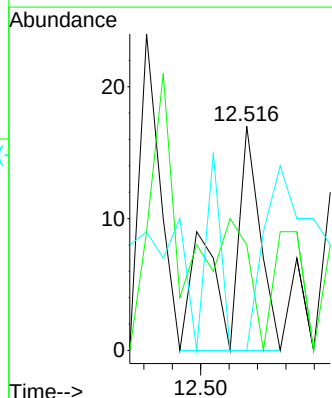
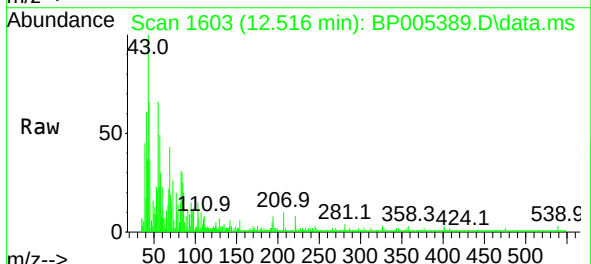
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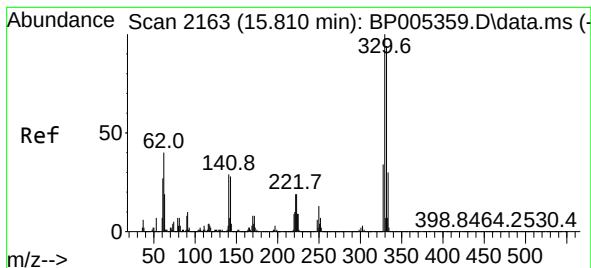
Tgt Ion:164 Resp: 59666
Ion Ratio Lower Upper
164 100
162 104.2 73.5 110.3
160 44.4 40.6 61.0



#41
Hexachlorocyclopentadiene
Concen: 6.97 ng
RT: 12.516 min Scan# 1603
Delta R.T. 0.065 min
Lab File: BP005389.D
Acq: 23 Apr 2021 12:34

Tgt Ion:237 Resp: 14
Ion Ratio Lower Upper
237 100
235 47.1 40.9 80.9
272 0.0 0.0 34.6

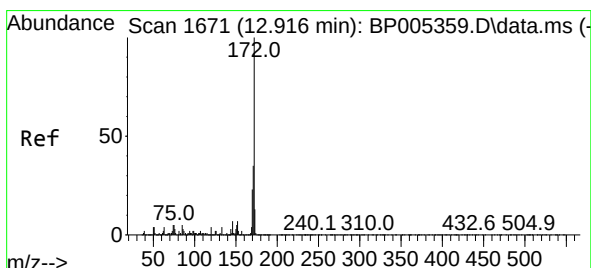
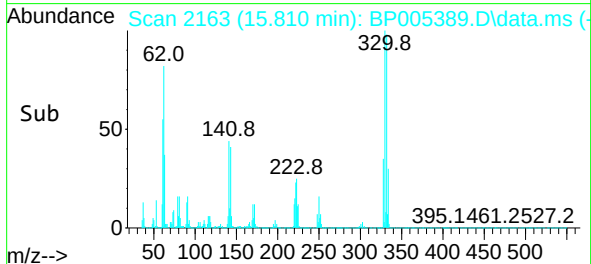
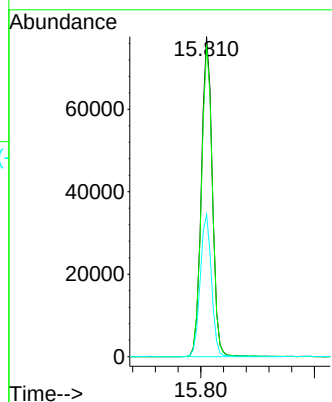
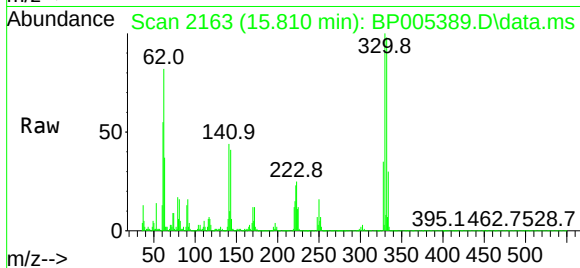




#42
2,4,6-Tribromophenol
Concen: 91.01 ng
RT: 15.810 min Scan# 2163
Delta R.T. 0.000 min
Lab File: BP005389.D
Acq: 23 Apr 2021 12:34

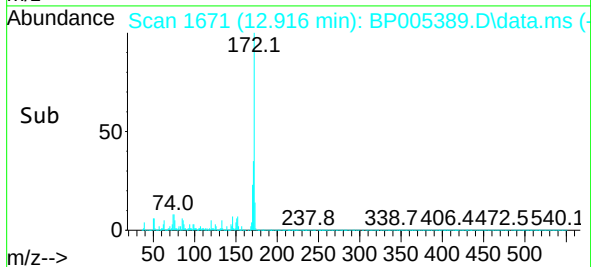
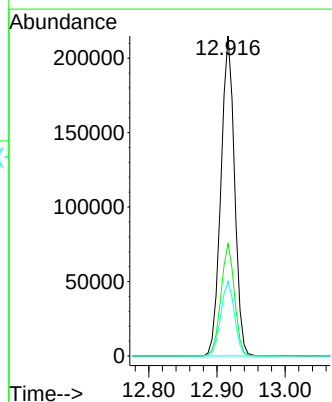
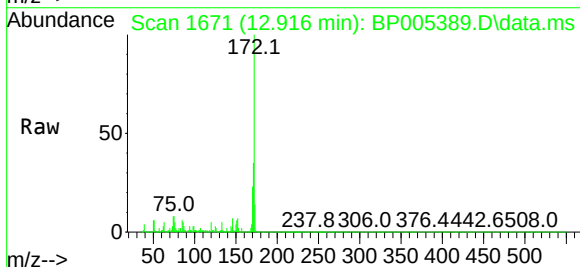
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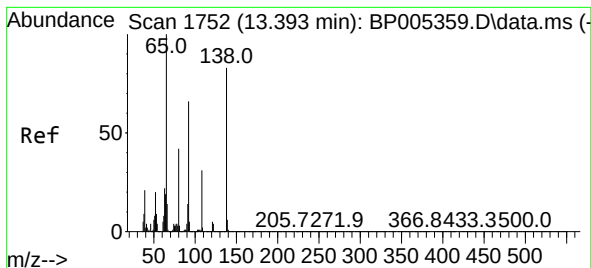
Tgt Ion:330 Resp: 103865
Ion Ratio Lower Upper
330 100
332 97.1 76.3 114.5
141 45.7 22.8 34.2#



#45
2-Fluorobiphenyl
Concen: 64.82 ng
RT: 12.916 min Scan# 1671
Delta R.T. 0.000 min
Lab File: BP005389.D
Acq: 23 Apr 2021 12:34

Tgt Ion:172 Resp: 298794
Ion Ratio Lower Upper
172 100
171 35.1 28.1 42.1
170 23.3 19.6 29.4

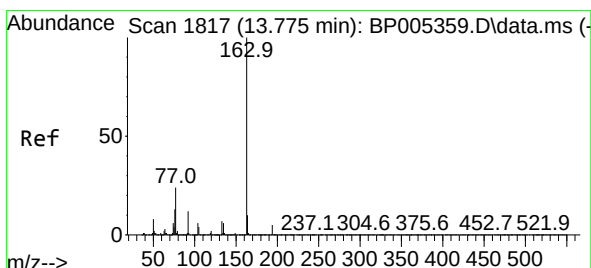
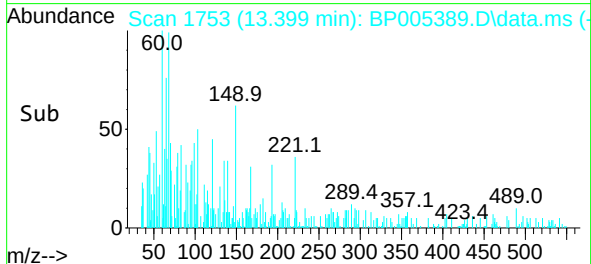
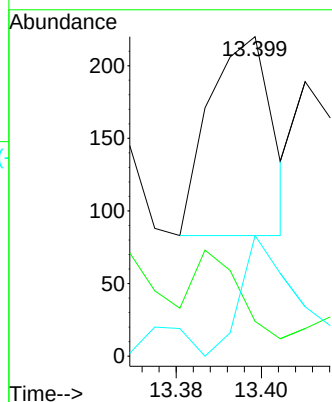
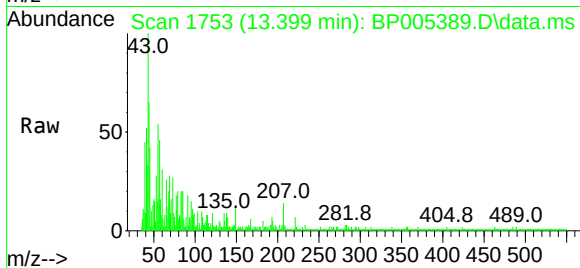




#48
2-Nitroaniline
Concen: 5.55 ng
RT: 13.399 min Scan# 1753
Delta R.T. 0.005 min
Lab File: BP005389.D
Acq: 23 Apr 2021 12:34

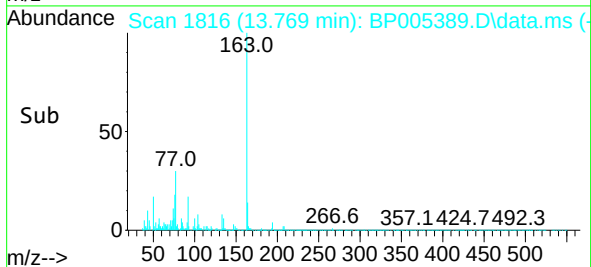
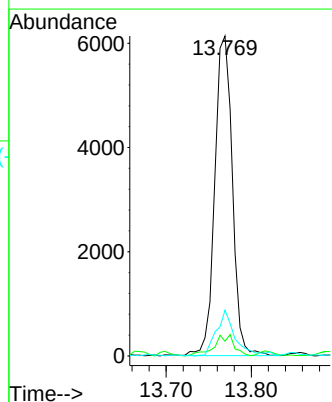
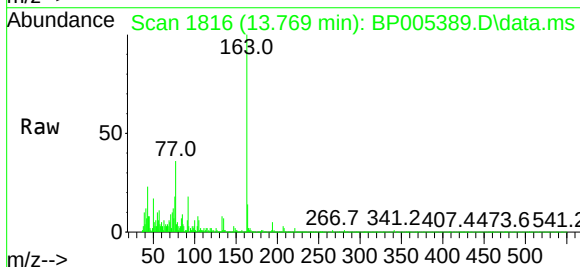
Instrument :
BNA_P
ClientSampleId :
SB-29-9.5-10.0

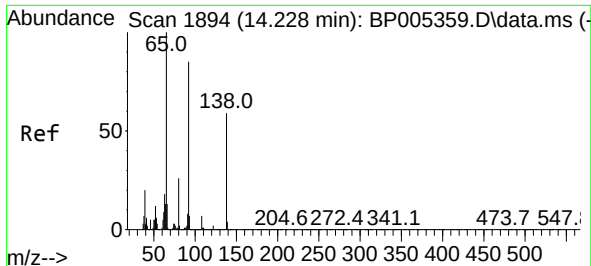
Tgt Ion: 65 Resp: 141
Ion Ratio Lower Upper
65 100
92 10.9 48.8 73.2#
138 37.7 69.5 104.3#



#50
Dimethylphthalate
Concen: 2.03 ng
RT: 13.769 min Scan# 1816
Delta R.T. -0.006 min
Lab File: BP005389.D
Acq: 23 Apr 2021 12:34

Tgt Ion: 163 Resp: 8781
Ion Ratio Lower Upper
163 100
194 4.6 3.9 5.9
164 14.3 8.1 12.1#

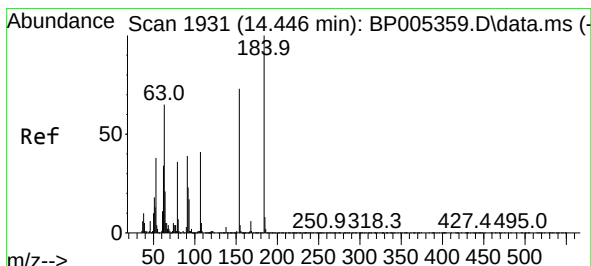
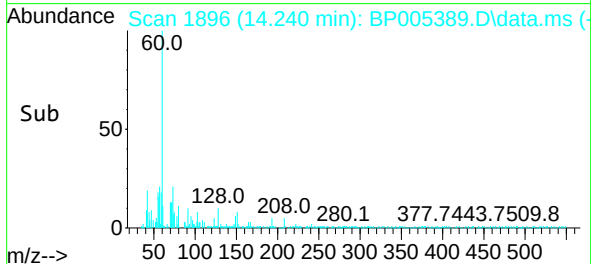
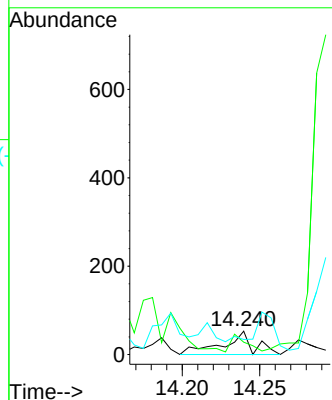
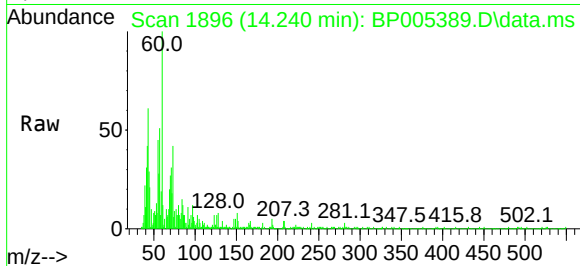




#53
3-Nitroaniline
Concen: 2.73 ng
RT: 14.240 min Scan# 1896
Delta R.T. 0.012 min
Lab File: BP005389.D
Acq: 23 Apr 2021 12:34

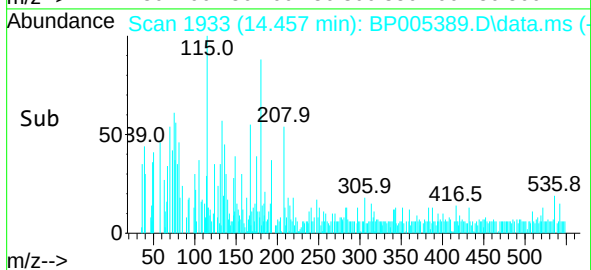
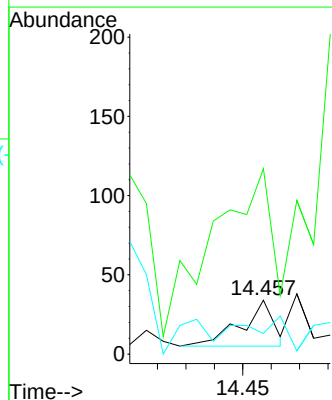
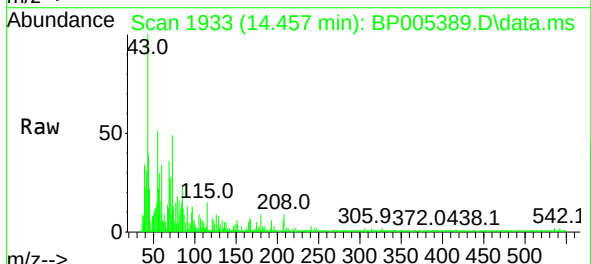
Instrument :
BNA_P
ClientSampleId :
SB-29-9.5-10.0

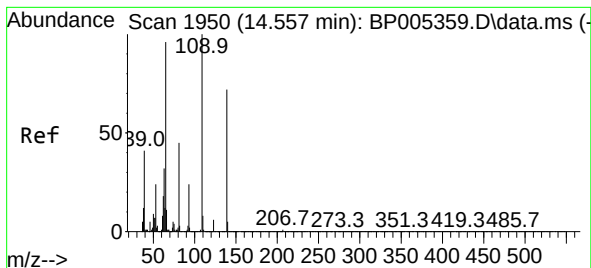
Tgt Ion:138 Resp: 74
Ion Ratio Lower Upper
138 100
108 39.4 10.2 15.4#
92 47.9 108.1 162.1#



#54
2,4-Dinitrophenol
Concen: 7.55 ng
RT: 14.457 min Scan# 1933
Delta R.T. 0.011 min
Lab File: BP005389.D
Acq: 23 Apr 2021 12:34

Tgt Ion:184 Resp: 23
Ion Ratio Lower Upper
184 100
63 344.1 51.2 76.8#
154 38.2 55.8 83.8#

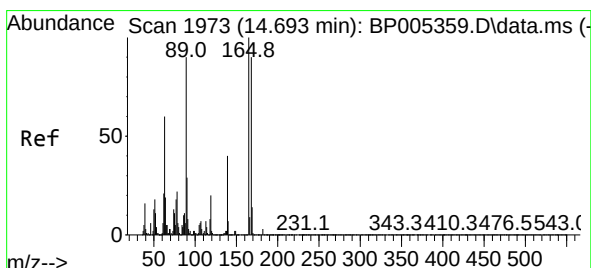
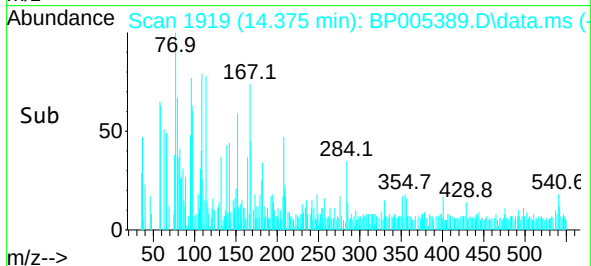
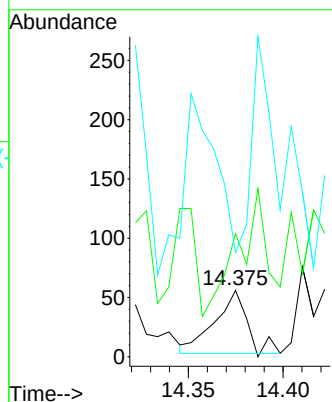
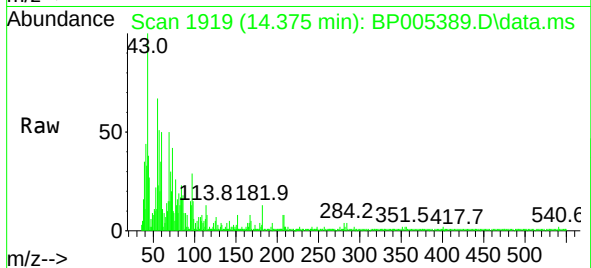




#56
4-Nitrophenol
Concen: 5.38 ng
RT: 14.375 min Scan# 1919
Delta R.T. -0.182 min
Lab File: BP005389.D
Acq: 23 Apr 2021 12:34

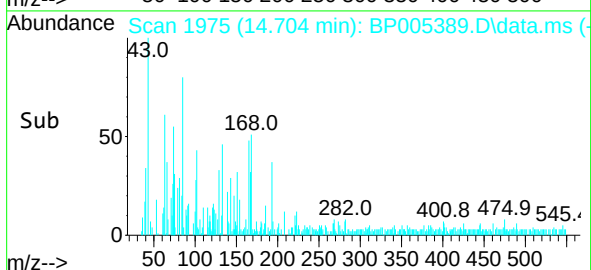
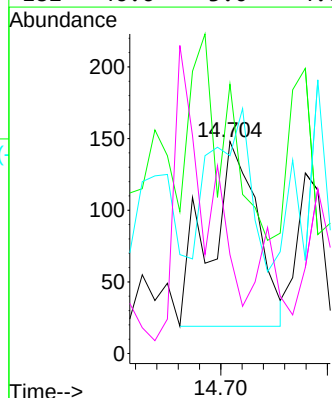
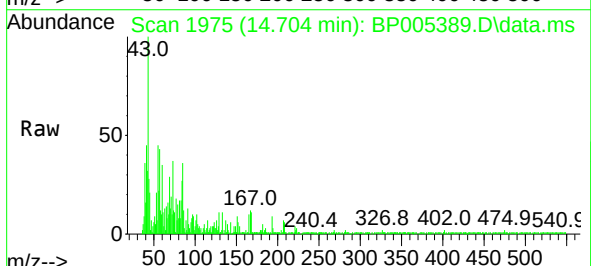
Instrument :
BNA_P
ClientSampleId :
SB-29-9.5-10.0

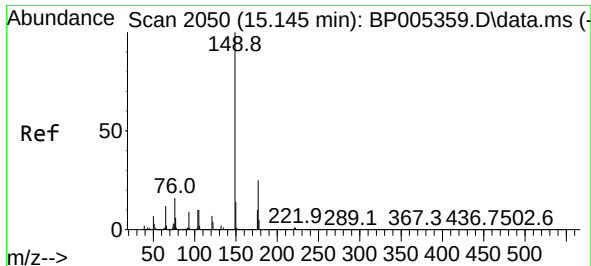
Tgt Ion:139 Resp: 63
Ion Ratio Lower Upper
139 100
109 152.9 122.8 162.8
65 129.4 110.0 150.0



#57
2,4-Dinitrotoluene
Concen: 3.24 ng
RT: 14.704 min Scan# 1975
Delta R.T. 0.011 min
Lab File: BP005389.D
Acq: 23 Apr 2021 12:34

Tgt Ion:165 Resp: 199
Ion Ratio Lower Upper
165 100
63 127.0 56.7 85.1#
89 93.2 85.8 128.6
182 46.6 3.0 4.6#

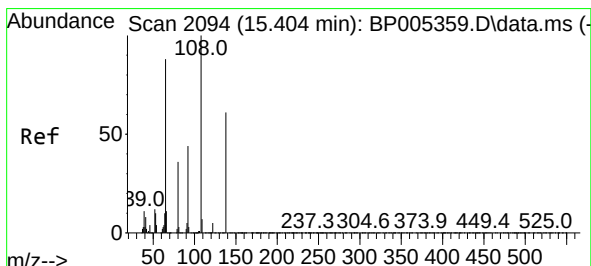
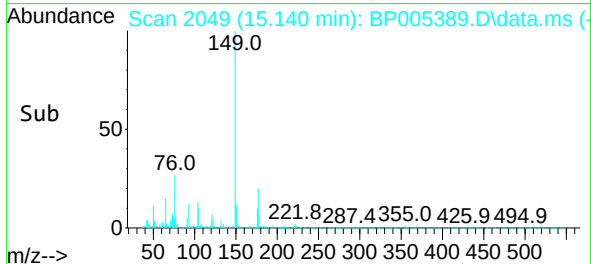
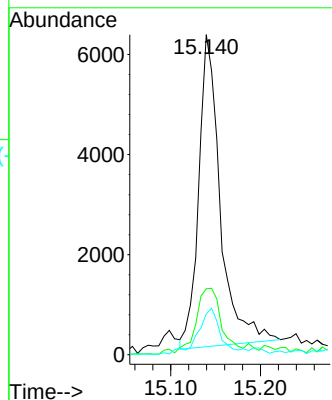
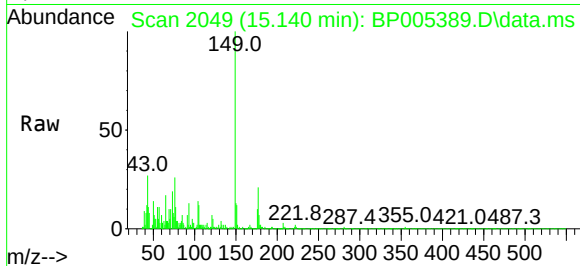




#60
Diethylphthalate
Concen: 2.55 ng
RT: 15.140 min Scan# 2049
Delta R.T. -0.006 min
Lab File: BP005389.D
Acq: 23 Apr 2021 12:34

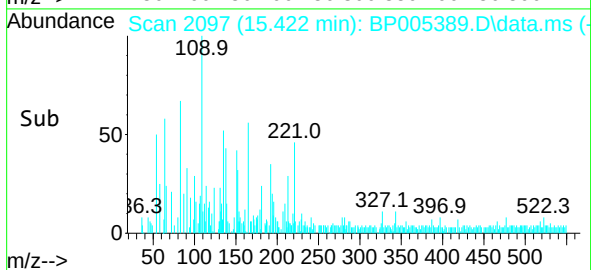
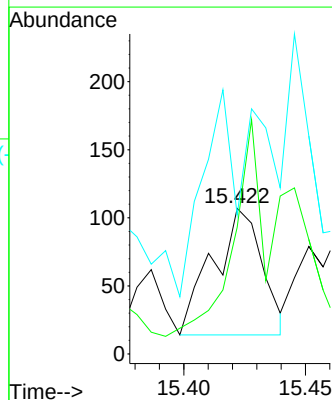
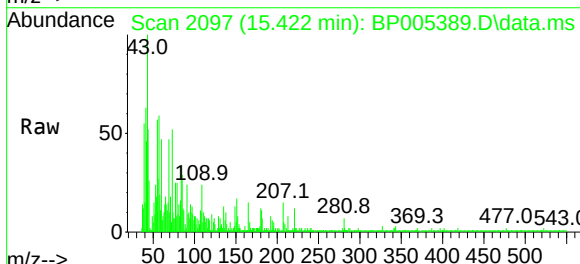
Instrument :
BNA_P
ClientSampleId :
SB-29-9.5-10.0

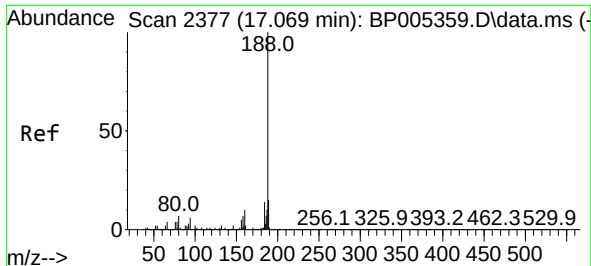
Tgt Ion:	149	Resp:	10431
Ion Ratio	Lower	Upper	
149	100		
177	20.6	19.2	28.8
150	12.8	9.9	14.9



#62
4-Nitroaniline
Concen: 3.96 ng
RT: 15.422 min Scan# 2097
Delta R.T. 0.018 min
Lab File: BP005389.D
Acq: 23 Apr 2021 12:34

Tgt Ion:	138	Resp:	131
Ion Ratio	Lower	Upper	
138	100		
92	86.9	50.9	90.9
108	95.3	154.7	194.7#

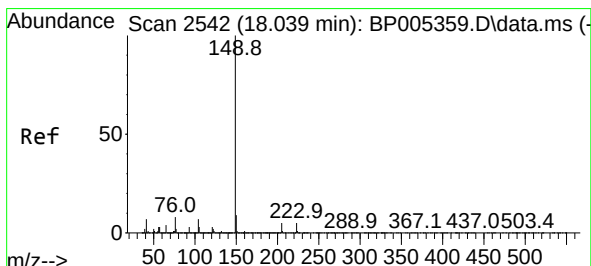
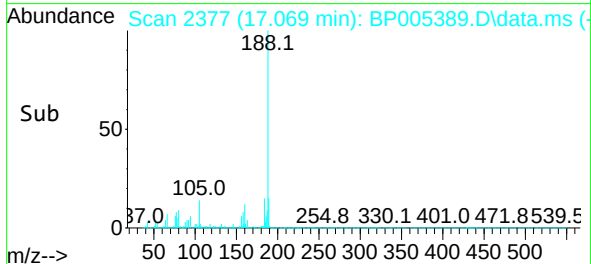
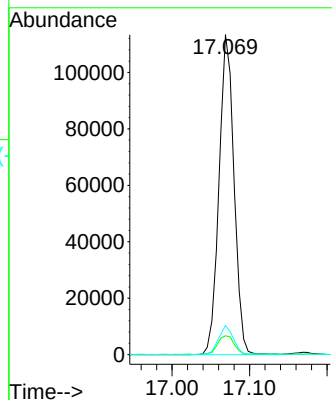
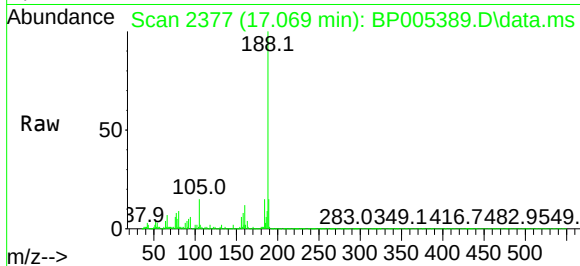




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.069 min Scan# 2377
Delta R.T. -0.000 min
Lab File: BP005389.D
Acq: 23 Apr 2021 12:34

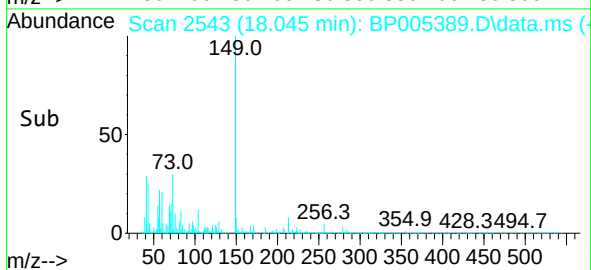
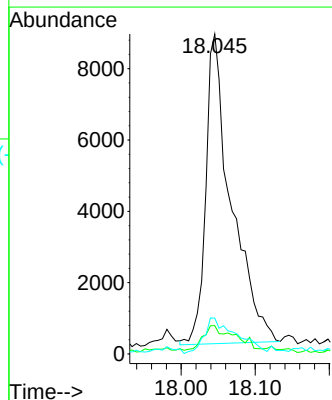
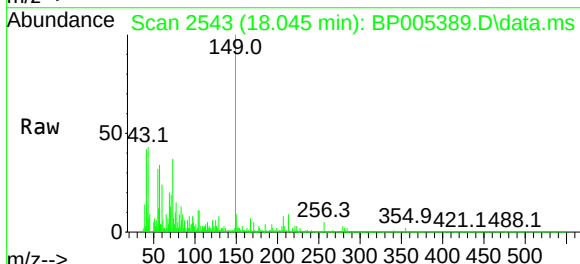
Instrument :
BNA_P
ClientSampleId :
SB-29-9.5-10.0

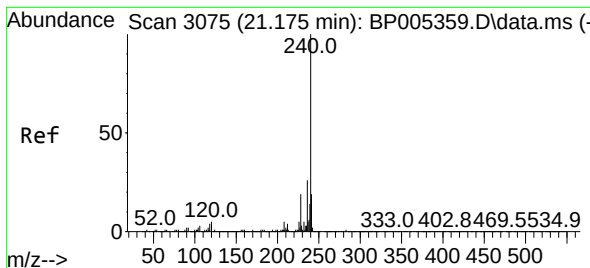
Tgt Ion:188 Resp: 152616
Ion Ratio Lower Upper
188 100
94 5.9 5.0 7.6
80 9.1 5.9 8.9#



#74
Di-n-butylphthalate
Concen: 6.43 ng
RT: 18.045 min Scan# 2543
Delta R.T. 0.006 min
Lab File: BP005389.D
Acq: 23 Apr 2021 12:34

Tgt Ion:149 Resp: 20693
Ion Ratio Lower Upper
149 100
150 8.8 7.6 11.4
104 11.2 8.9 13.3





#76

Chrysene-d12

Concen: 20.00 ng

RT: 21.180 min Scan# 3076

Delta R.T. 0.005 min

Lab File: BP005389.D

Acq: 23 Apr 2021 12:34

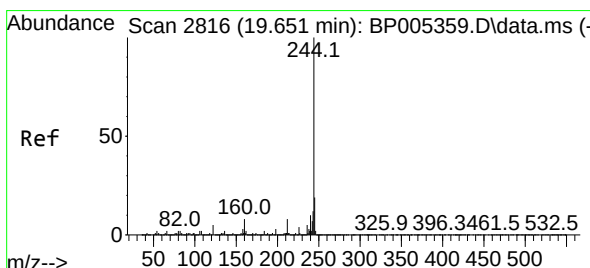
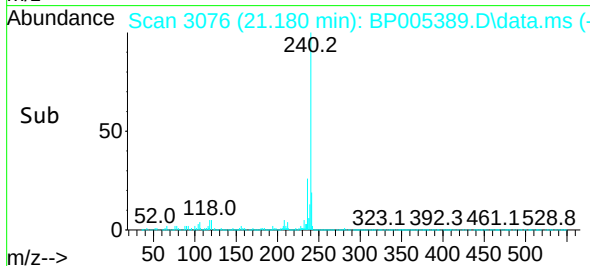
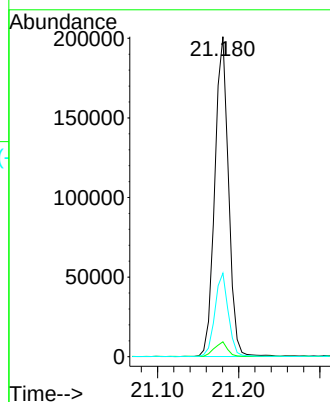
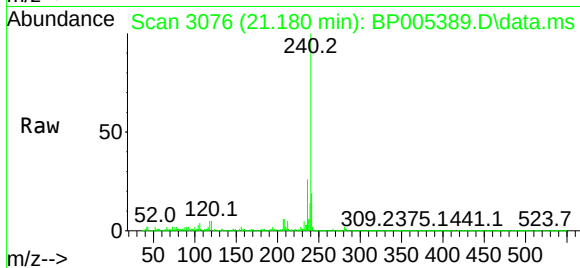
Tgt Ion:240 Resp: 235830

Ion Ratio Lower Upper

240 100

120 4.7 4.2 6.2

236 26.1 20.2 30.2



#79

Terphenyl-d14

Concen: 54.09 ng

RT: 19.657 min Scan# 2817

Delta R.T. 0.006 min

Lab File: BP005389.D

Acq: 23 Apr 2021 12:34

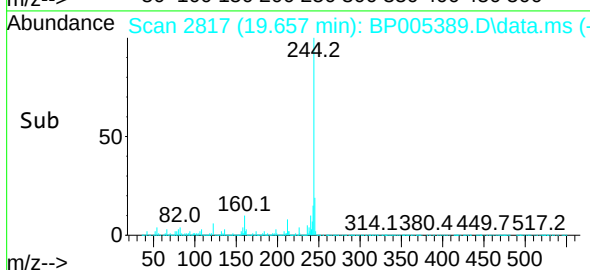
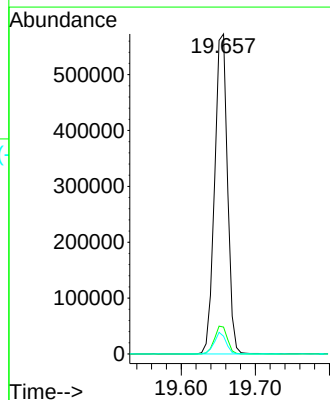
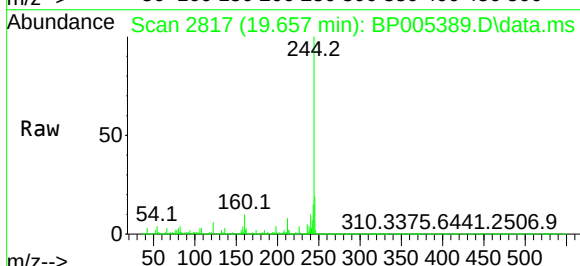
Tgt Ion:244 Resp: 688336

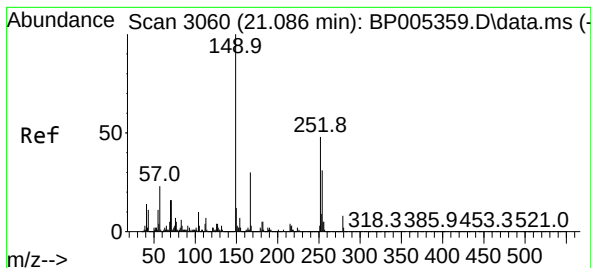
Ion Ratio Lower Upper

244 100

212 8.4 5.8 8.6

122 5.6 5.2 7.8

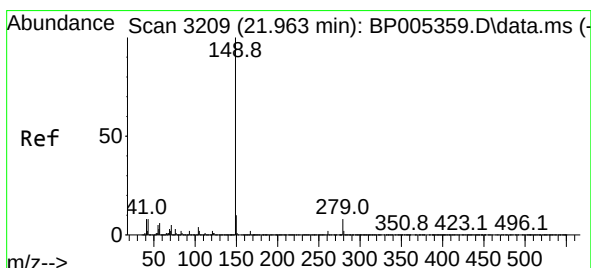
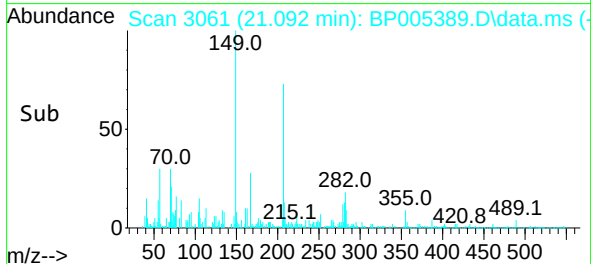
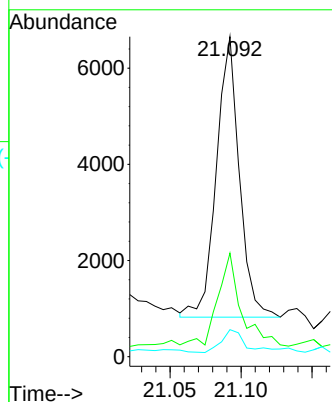
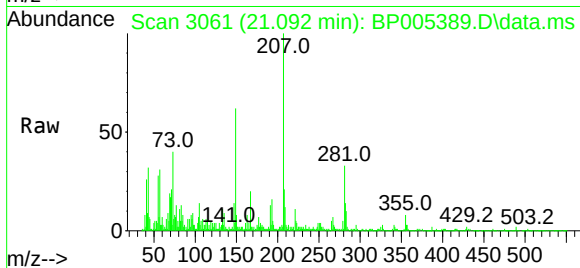




#84
Bis(2-ethylhexyl)phthalate
Concen: 4.14 ng
RT: 21.092 min Scan# 3061
Delta R.T. 0.006 min
Lab File: BP005389.D
Acq: 23 Apr 2021 12:34

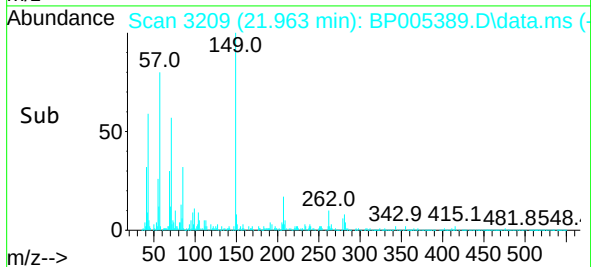
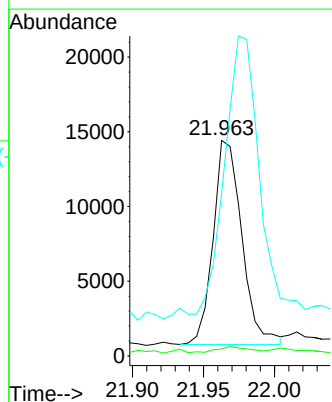
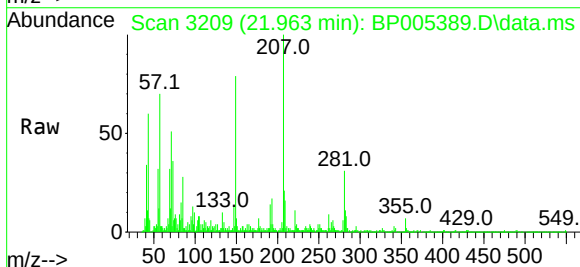
Instrument :
BNA_P
ClientSampleId :
SB-29-9.5-10.0

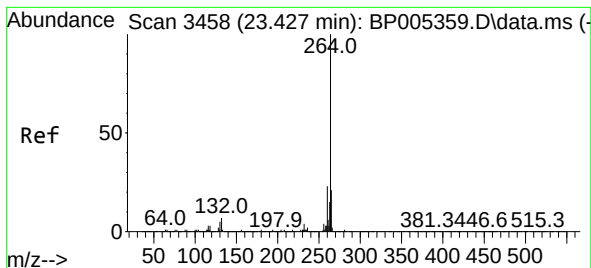
Tgt Ion:149 Resp: 6568
Ion Ratio Lower Upper
149 100
167 32.4 23.8 35.8
279 8.4 5.7 8.5



#85
Di-n-octyl phthalate
Concen: 2.14 ng
RT: 21.963 min Scan# 3209
Delta R.T. -0.000 min
Lab File: BP005389.D
Acq: 23 Apr 2021 12:34

Tgt Ion:149 Resp: 19169
Ion Ratio Lower Upper
149 100
167 2.8 1.5 2.3#
43 175.6 5.1 7.7#

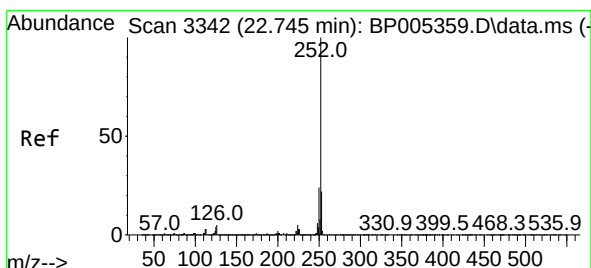
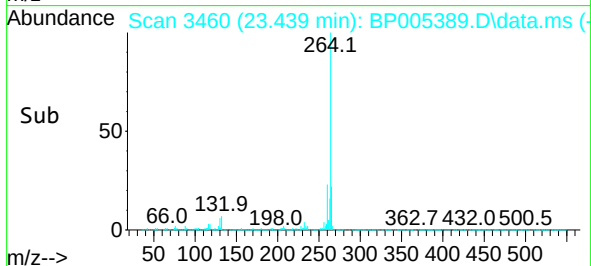
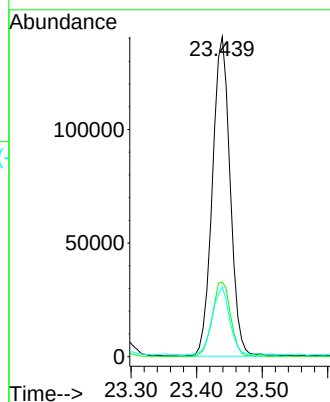
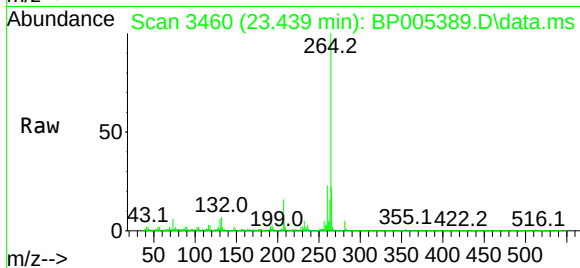




#86
Perylene-d12
Concen: 20.00 ng
RT: 23.439 min Scan# 3460
Delta R.T. 0.012 min
Lab File: BP005389.D
Acq: 23 Apr 2021 12:34

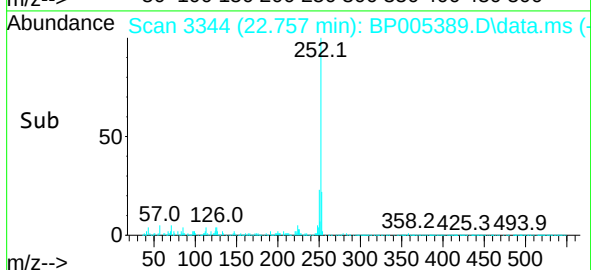
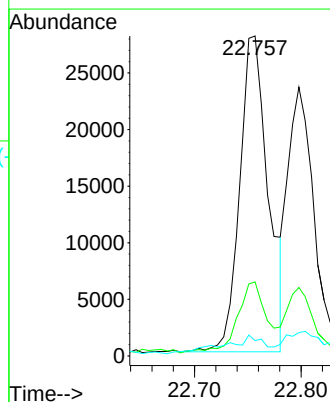
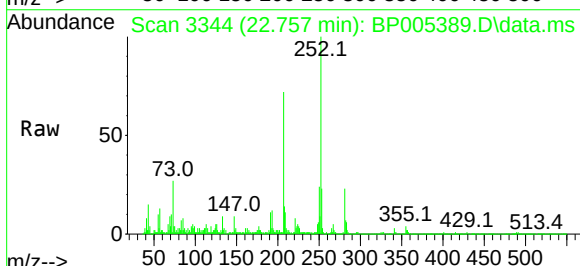
Instrument :
BNA_P
ClientSampleId :
SB-29-9.5-10.0

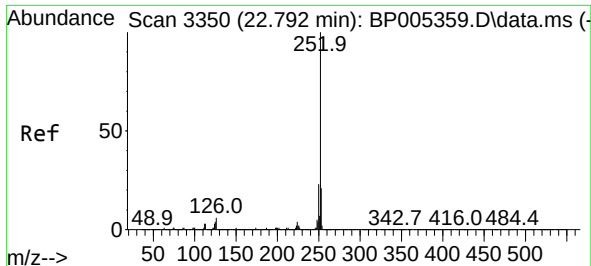
Tgt Ion:264 Resp: 264010
Ion Ratio Lower Upper
264 100
260 23.4 20.6 30.8
265 21.8 19.0 28.6



#88
Benzo(b)fluoranthene
Concen: 3.00 ng
RT: 22.757 min Scan# 3344
Delta R.T. 0.012 min
Lab File: BP005389.D
Acq: 23 Apr 2021 12:34

Tgt Ion:252 Resp: 52124
Ion Ratio Lower Upper
252 100
253 23.2 18.2 27.2
125 4.8 3.4 5.0

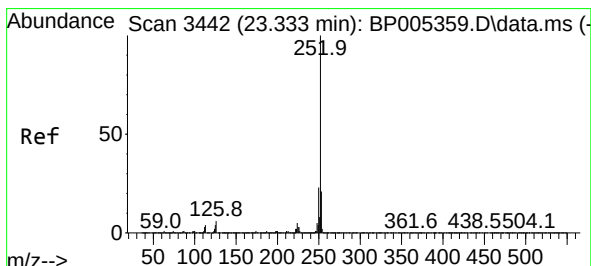
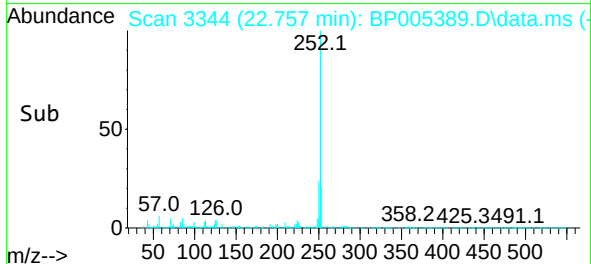
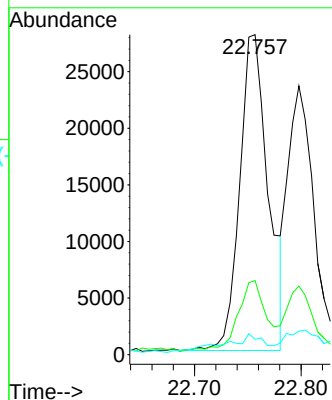
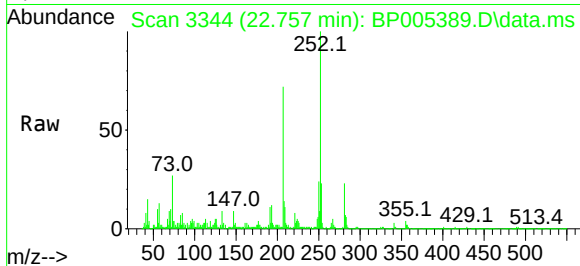




#89
Benzo(k)fluoranthene
Concen: 3.05 ng
RT: 22.757 min Scan# 3344
Delta R.T. -0.035 min
Lab File: BP005389.D
Acq: 23 Apr 2021 12:34

Instrument :
BNA_P
ClientSampleId :
SB-29-9.5-10.0

Tgt Ion:252 Resp: 52124
Ion Ratio Lower Upper
252 100
253 23.2 17.2 25.8
125 4.8 3.8 5.6



#90
Benzo(a)pyrene
Concen: 2.49 ng
RT: 23.339 min Scan# 3443
Delta R.T. 0.006 min
Lab File: BP005389.D
Acq: 23 Apr 2021 12:34

Tgt Ion:252 Resp: 39504
Ion Ratio Lower Upper
252 100
253 22.6 17.1 25.7
125 7.0 3.8 5.6#

