

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP041621\
 Data File : BP005314.D
 Acq On : 16 Apr 2021 12:34
 Operator : CG/JU
 Sample : M2049-12
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SB-10-8.5-9.0

Quant Time: Apr 16 13:06:57 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP041521.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 16 11:02:58 2021
 Response via : Initial Calibration

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

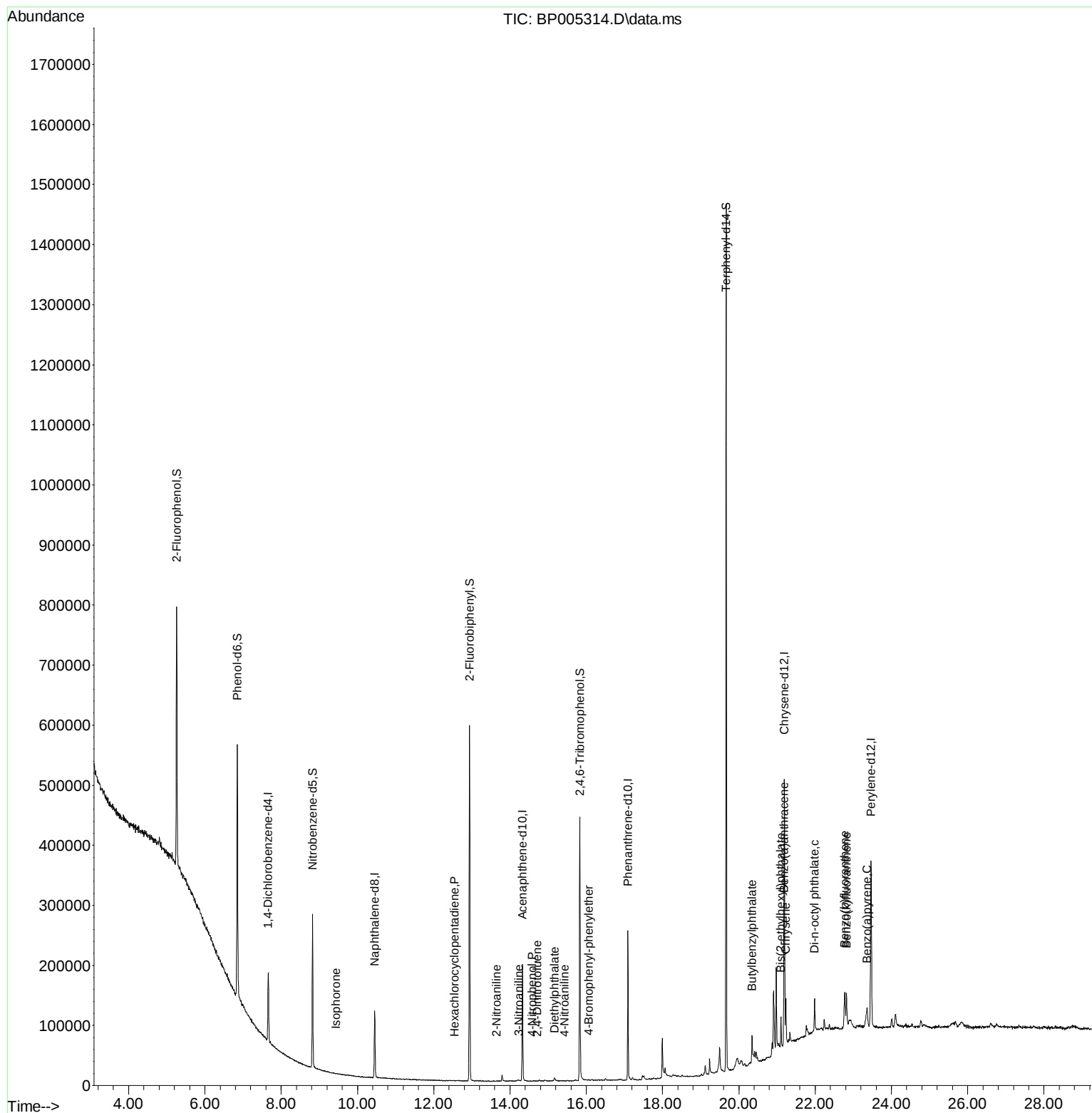
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.658	152	29442	20.00	ng	0.00
21) Naphthalene-d8	10.452	136	75536	20.00	ng	0.00
39) Acenaphthene-d10	14.328	164	49886	20.00	ng	0.00
64) Phenanthrene-d10	17.092	188	125646	20.00	ng	0.00
76) Chrysene-d12	21.192	240	185697	20.00	ng	0.00
86) Perylene-d12	23.463	264	191851	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.264	112	209553	86.78	ng	0.00
7) Phenol-d6	6.852	99	231600	82.93	ng	0.00
23) Nitrobenzene-d5	8.822	82	149306	61.04	ng	0.00
42) 2,4,6-Tribromophenol	15.834	330	70214	105.88	ng	0.00
45) 2-Fluorobiphenyl	12.940	172	250336	66.65	ng	0.00
79) Terphenyl-d14	19.669	244	556893	59.24	ng	0.00
Target Compounds						
						Qvalue
25) Isophorone	9.440	82	77	2.62	ng	# 65
41) Hexachlorocyclopentadiene	12.551	237	23	7.82	ng	83
48) 2-Nitroaniline	13.646	65	17	4.06	ng	89
53) 3-Nitroaniline	14.240	138	35	3.15	ng	# 22
56) 4-Nitrophenol	14.587	139	47	6.06	ng	# 60
57) 2,4-Dinitrotoluene	14.716	165	179	3.54	ng	# 92
60) Diethylphthalate	15.163	149	3168	4.91	ng	93
62) 4-Nitroaniline	15.434	138	165	4.13	ng	# 60
67) 4-Bromophenyl-phenylether	16.069	248	14	3.46	ng	95
80) Butylbenzylphthalate	20.345	149	9877	3.91	ng	92
81) Benzo(a)anthracene	21.180	228	40931	3.45	ng	99
83) Chrysene	21.233	228	39585	3.38	ng	97
84) Bis(2-ethylhexyl)phtha...	21.104	149	13442	3.17	ng	94
85) Di-n-octyl phthalate	21.986	149	29871	3.80	ng	99
88) Benzo(b)fluoranthene	22.774	252	40956	3.19	ng	95
89) Benzo(k)fluoranthene	22.822	252	41009	3.25	ng	98
90) Benzo(a)pyrene	23.363	252	25718	2.18	ng	97

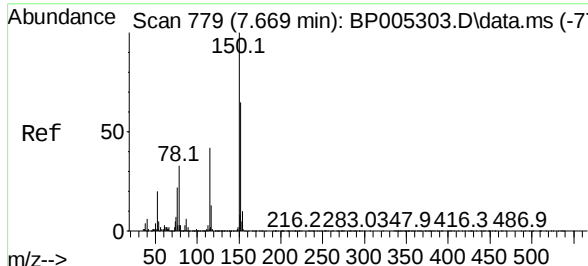
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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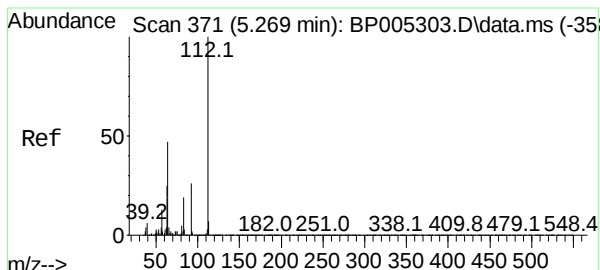
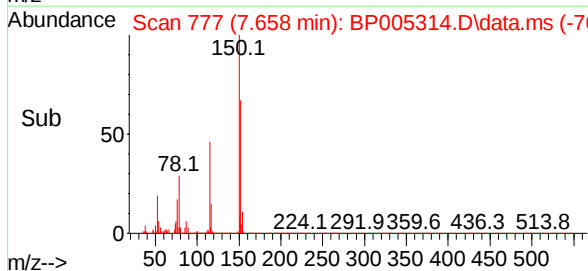
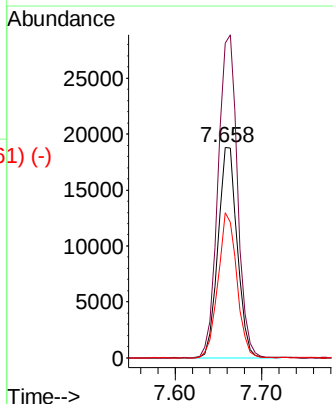
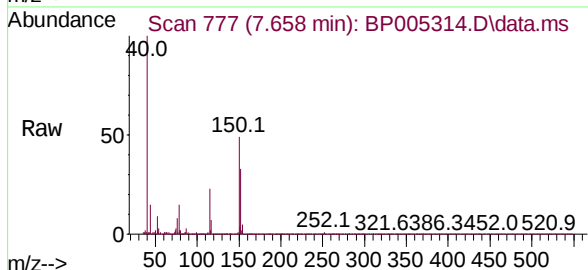




Scan 779 (7.669 min): BP005303.D\data.ms (-771) #1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.658 min Scan# 777
 Delta R.T. -0.005 min
 Lab File: BP005314.D
 Acq: 16 Apr 2021 12:34

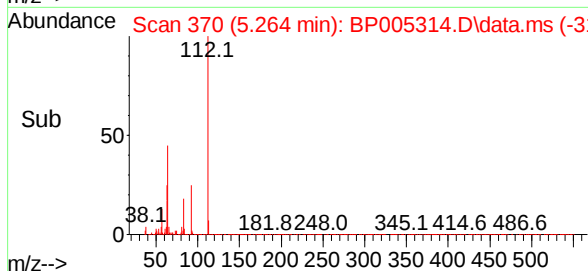
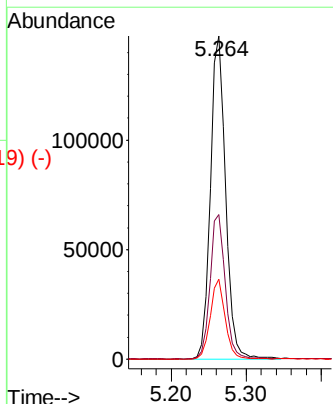
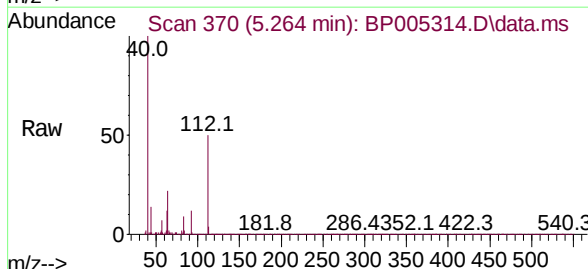
Instrument :
 BNA_P
 ClientSampleId :
 SB-10-8.5-9.0

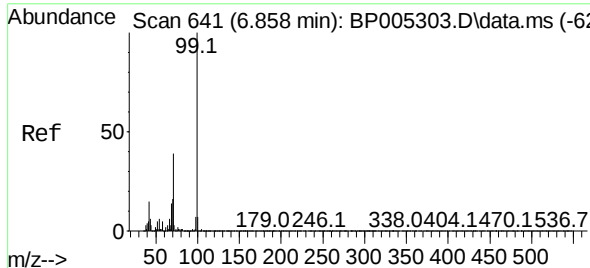
Tgt Ion:	152	Resp:	29442
Ion	Ratio	Lower	Upper
152	100		
150	149.3	122.9	184.3
115	68.9	52.2	78.2



Scan 371 (5.269 min): BP005303.D\data.ms (-358) #5
 2-Fluorophenol
 Concen: 86.78 ng
 RT: 5.264 min Scan# 370
 Delta R.T. 0.000 min
 Lab File: BP005314.D
 Acq: 16 Apr 2021 12:34

Tgt Ion:	112	Resp:	209553
Ion	Ratio	Lower	Upper
112	100		
64	44.7	37.6	56.4
63	24.8	20.4	30.6

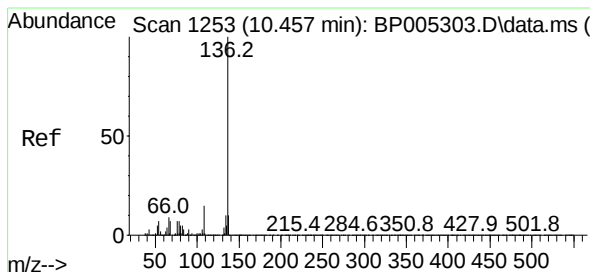
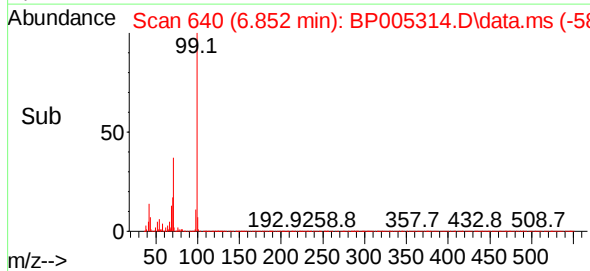
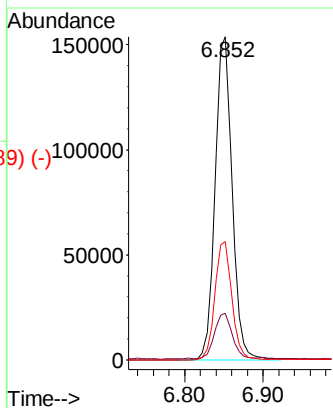
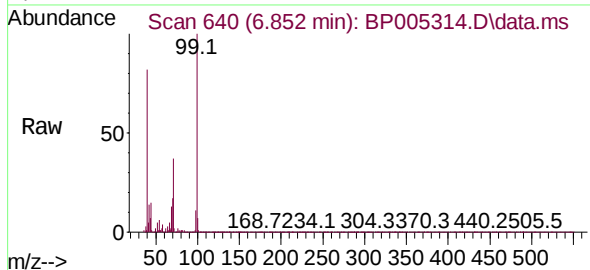




Phenol-d6
 Concen: 82.93 ng
 RT: 6.852 min Scan# 640
 Delta R.T. 0.000 min
 Lab File: BP005314.D
 Acq: 16 Apr 2021 12:34

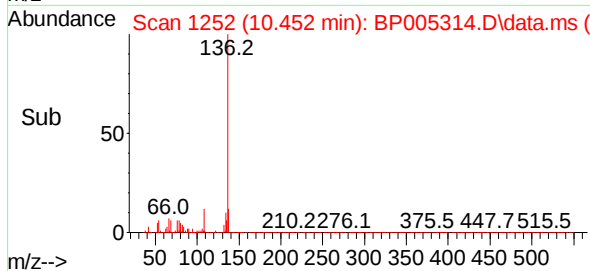
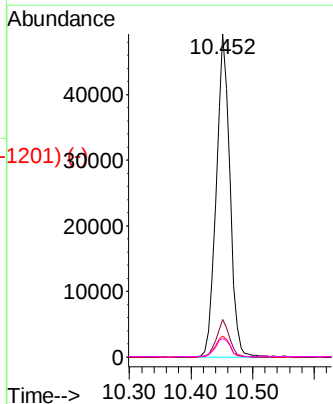
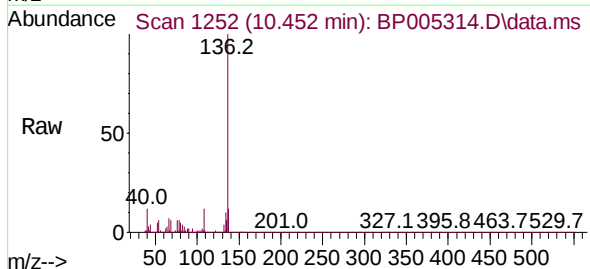
Instrument :
 BNA_P
 ClientSampleId :
 SB-10-8.5-9.0

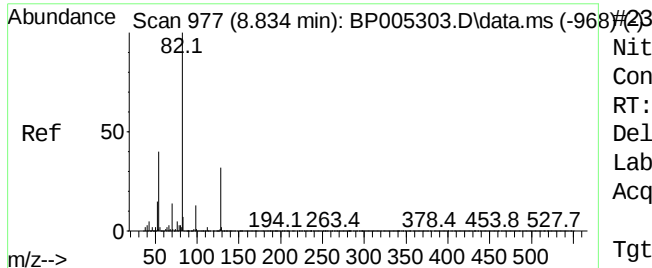
Tgt Ion:	99	Resp:	231600
Ion	Ratio	Lower	Upper
99	100		
42	14.3	12.0	18.0
71	36.6	31.4	47.2



Naphthalene-d8
 Concen: 20.00 ng
 RT: 10.452 min Scan# 1252
 Delta R.T. 0.000 min
 Lab File: BP005314.D
 Acq: 16 Apr 2021 12:34

Tgt Ion:	136	Resp:	75536
Ion	Ratio	Lower	Upper
136	100		
137	11.6	8.4	12.6
54	6.4	5.8	8.8
68	5.7	5.2	7.8

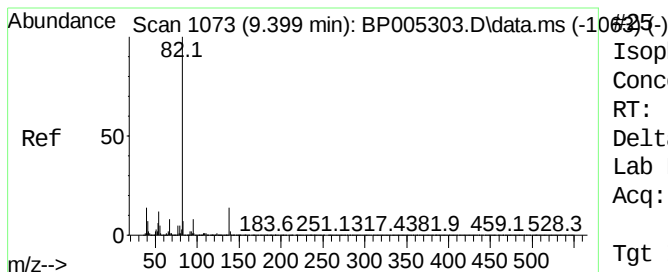
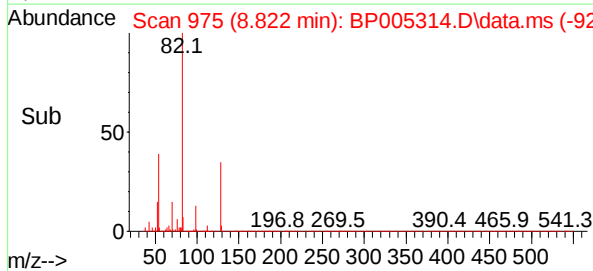
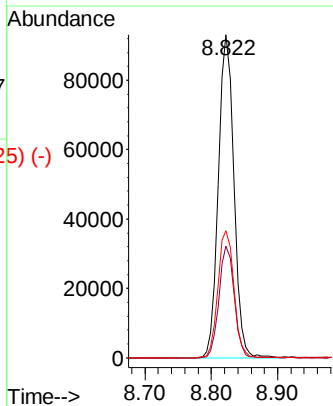
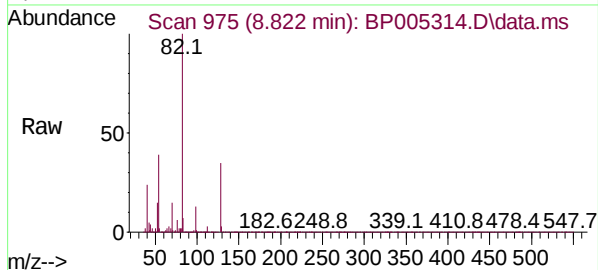




Nitrobenzene-d5
Concen: 61.04 ng
RT: 8.822 min Scan# 975
Delta R.T. -0.006 min
Lab File: BP005314.D
Acq: 16 Apr 2021 12:34

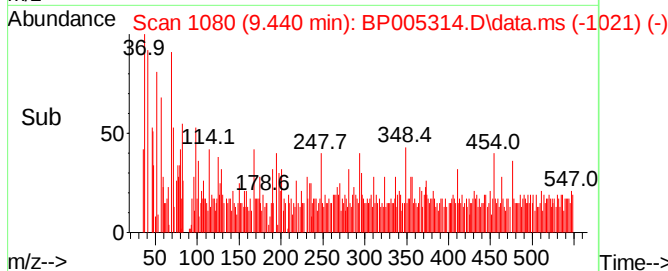
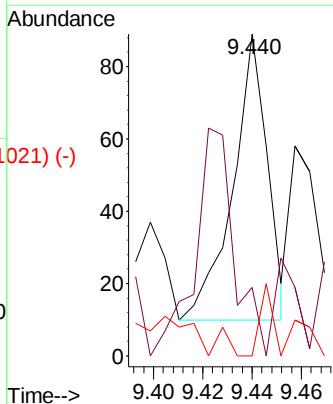
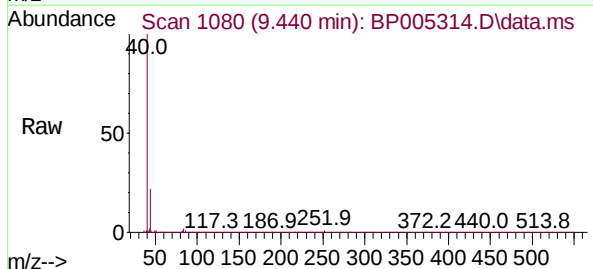
Instrument :
BNA_P
ClientSampleId :
SB-10-8.5-9.0

Tgt Ion:	82	Resp:	149306
Ion	Ratio	Lower	Upper
82	100		
128	34.6	25.3	37.9
54	39.5	31.7	47.5

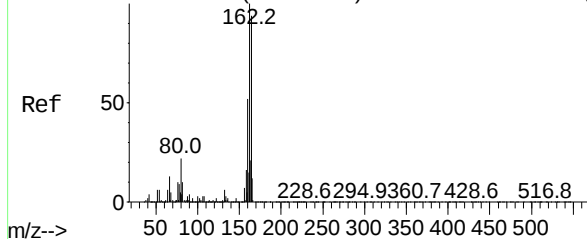


Isophorone
Concen: 2.62 ng
RT: 9.440 min Scan# 1080
Delta R.T. 0.047 min
Lab File: BP005314.D
Acq: 16 Apr 2021 12:34

Tgt Ion:	82	Resp:	77
Ion	Ratio	Lower	Upper
82	100		
95	21.3	6.6	10.0#
138	0.0	11.0	16.6#



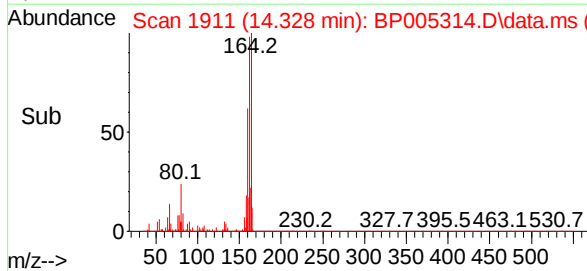
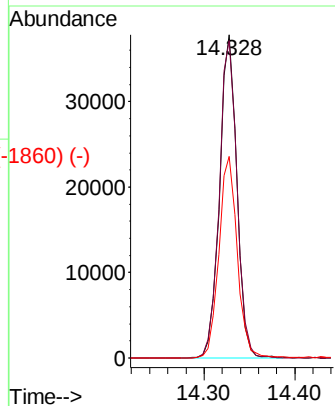
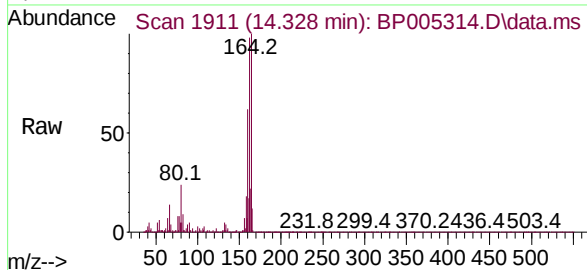
Abundance Scan 1912 (14.334 min): BP005303.D\data.ms (-1860) (-)



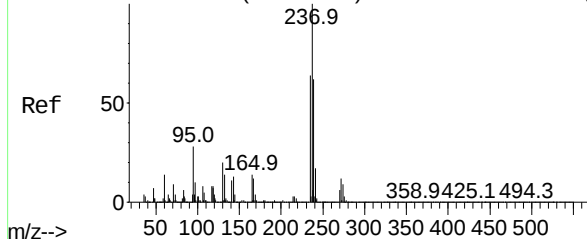
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.328 min Scan# 1911
Delta R.T. 0.000 min
Lab File: BP005314.D
Acq: 16 Apr 2021 12:34

Instrument :
BNA_P
ClientSampleId :
SB-10-8.5-9.0

Tgt Ion	Ratio	Lower	Upper
164	100		
162	98.2	84.8	127.2
160	62.3	44.2	66.4

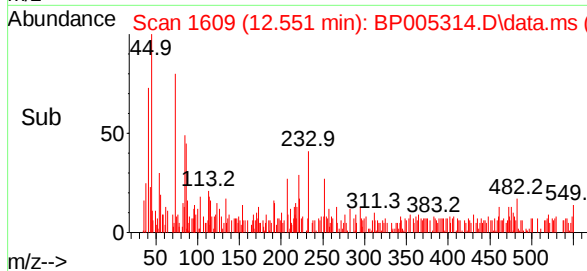
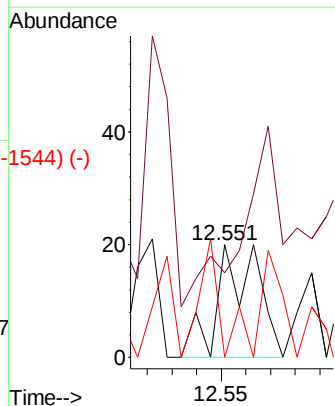
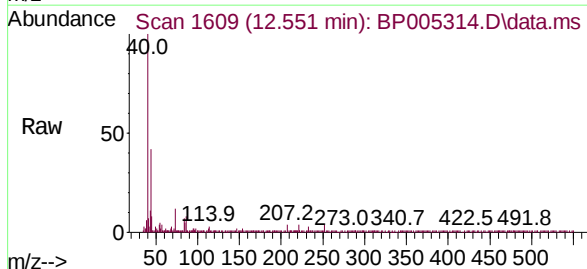


Abundance Scan 1596 (12.475 min): BP005303.D\data.ms (-1560) (-)



Hexachlorocyclopentadiene
Concen: 7.82 ng
RT: 12.551 min Scan# 1609
Delta R.T. 0.082 min
Lab File: BP005314.D
Acq: 16 Apr 2021 12:34

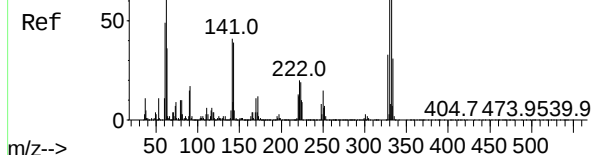
Tgt Ion	Ratio	Lower	Upper
237	100		
235	75.0	44.0	84.0
272	0.0	0.0	31.7



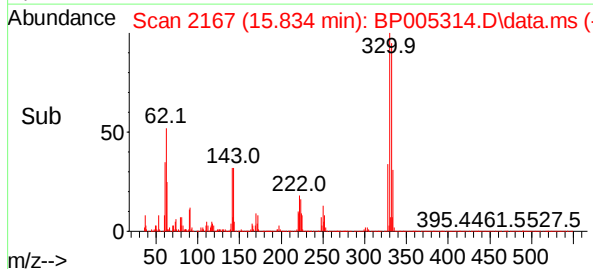
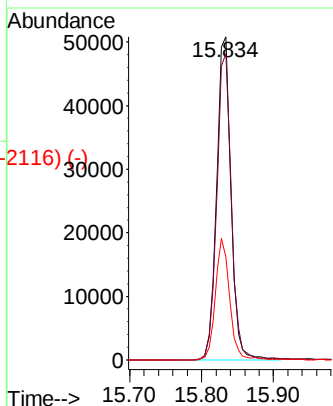
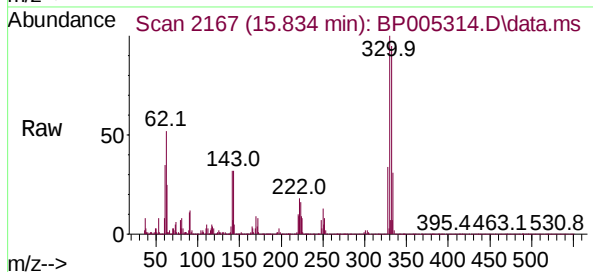
Abundance Scan 2167 (15.834 min): BP005303.D\data.ms (-2116) (-)

2,4,6-Tribromophenol
Concen: 105.88 ng
RT: 15.834 min Scan# 2167
Delta R.T. 0.000 min
Lab File: BP005314.D
Acq: 16 Apr 2021 12:34

Instrument :
BNA_P
ClientSampleId :
SB-10-8.5-9.0

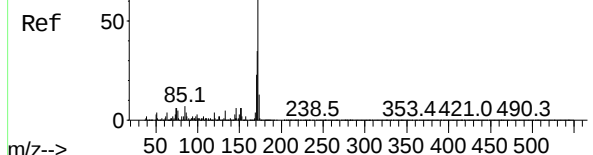


Tgt Ion:	330	Resp:	70214
Ion	Ratio	Lower	Upper
330	100		
332	96.2	78.6	118.0
141	37.3	31.6	47.4

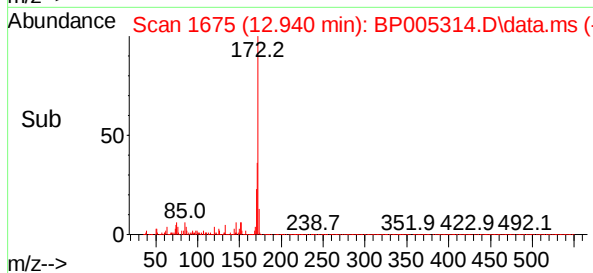
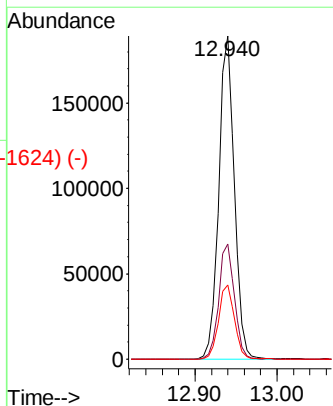
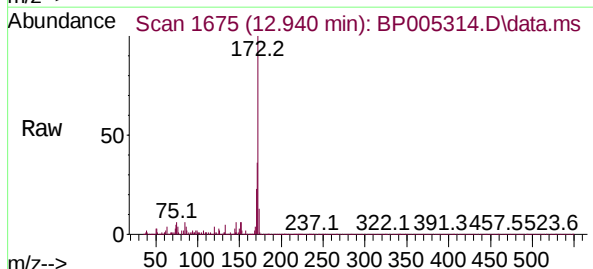


Abundance Scan 1676 (12.945 min): BP005303.D\data.ms (-1645) (-)

2-Fluorobiphenyl
Concen: 66.65 ng
RT: 12.940 min Scan# 1675
Delta R.T. 0.000 min
Lab File: BP005314.D
Acq: 16 Apr 2021 12:34



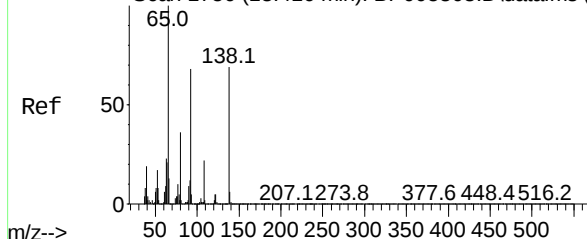
Tgt Ion:	172	Resp:	250336
Ion	Ratio	Lower	Upper
172	100		
171	35.6	27.8	41.8
170	23.0	18.7	28.1



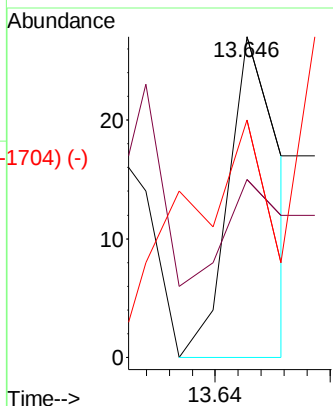
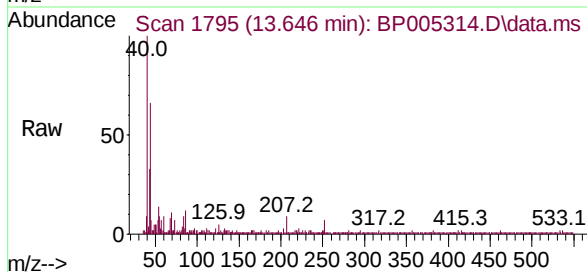
Abundance Scan 1756 (13.416 min): BP005303.D\data.ms (-1748) (-)

2-Nitroaniline
Concen: 4.06 ng
RT: 13.646 min Scan# 1795
Delta R.T. 0.235 min
Lab File: BP005314.D
Acq: 16 Apr 2021 12:34

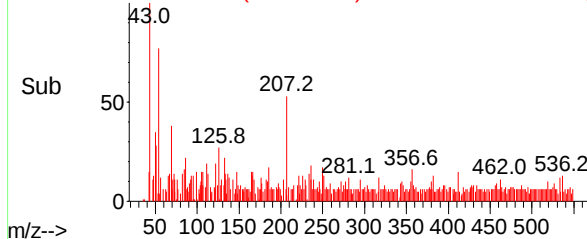
Instrument :
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SB-10-8.5-9.0



Tgt Ion:	65	Resp:	17
Ion	Ratio	Lower	Upper
65	100		
92	55.6	54.6	82.0
138	74.1	55.4	83.0



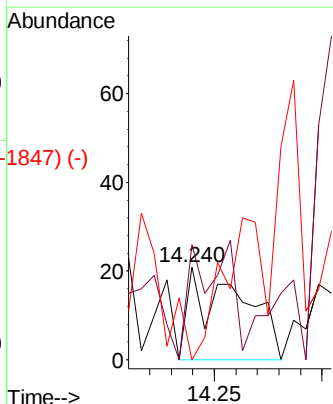
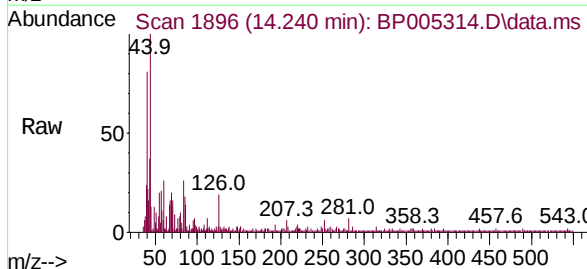
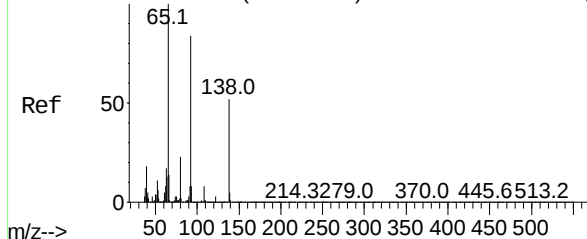
Abundance Scan 1795 (13.646 min): BP005314.D\data.ms (-1704) (-)



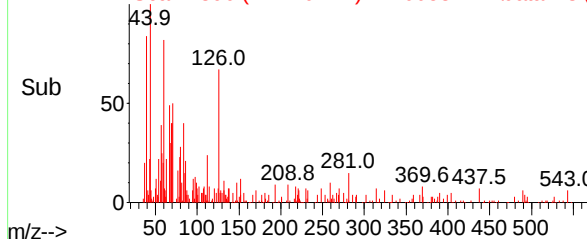
Abundance Scan 1898 (14.251 min): BP005303.D\data.ms (-1853) (-)

3-Nitroaniline
Concen: 3.15 ng
RT: 14.240 min Scan# 1896
Delta R.T. -0.012 min
Lab File: BP005314.D
Acq: 16 Apr 2021 12:34

Tgt Ion:	138	Resp:	35
Ion	Ratio	Lower	Upper
138	100		
108	123.8	11.8	17.8#
92	81.0	129.0	193.4#



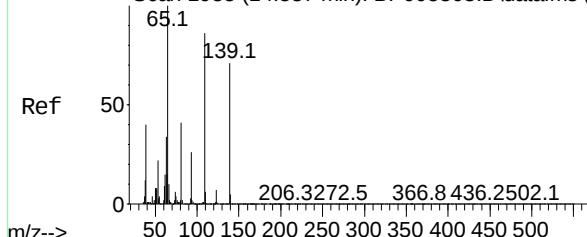
Abundance Scan 1896 (14.240 min): BP005314.D\data.ms (-1847) (-)



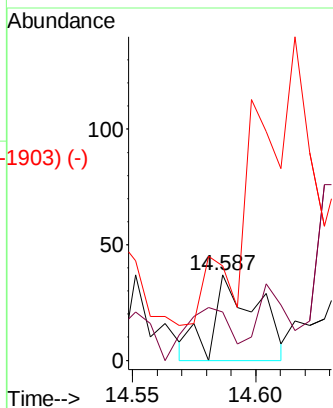
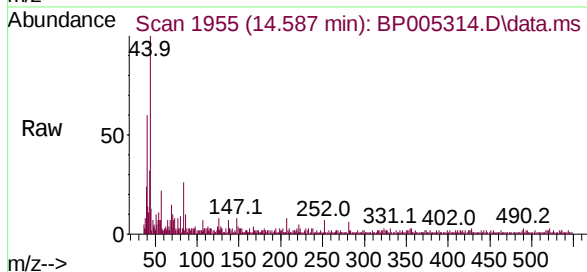
Abundance Scan 1955 (14.587 min): BP005303.D\data.ms (-1955) (-)

4-Nitrophenol
Concen: 6.06 ng
RT: 14.587 min Scan# 1955
Delta R.T. 0.006 min
Lab File: BP005314.D
Acq: 16 Apr 2021 12:34

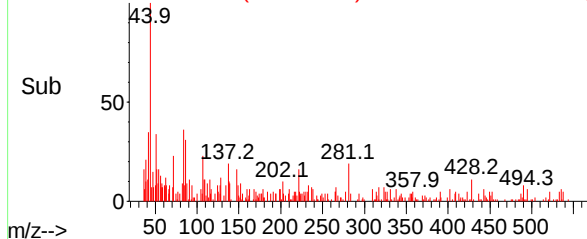
Instrument :
BNA_P
ClientSampleId :
SB-10-8.5-9.0



Tgt Ion:	139	Resp:	47
Ion	Ratio	Lower	Upper
139	100		
109	56.8	101.8	141.8#
65	110.8	121.3	161.3#



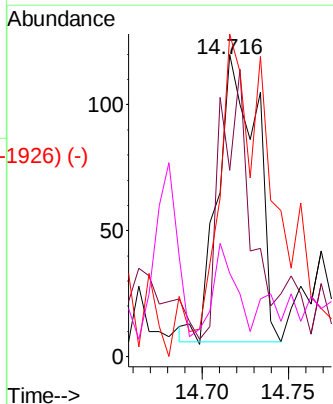
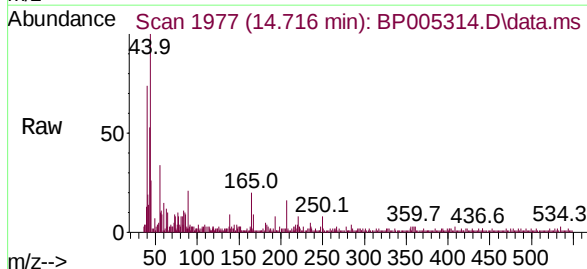
Abundance Scan 1955 (14.587 min): BP005314.D\data.ms (-1903) (-)



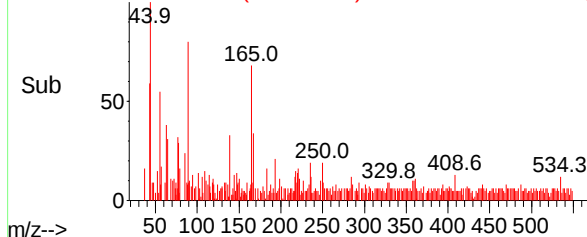
Abundance Scan 1977 (14.716 min): BP005303.D\data.ms (-1957) (-)

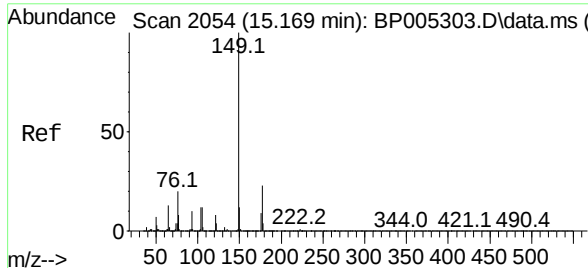
2,4-Dinitrotoluene
Concen: 3.54 ng
RT: 14.716 min Scan# 1977
Delta R.T. 0.000 min
Lab File: BP005314.D
Acq: 16 Apr 2021 12:34

Tgt Ion:	165	Resp:	179
Ion	Ratio	Lower	Upper
165	100		
63	61.7	58.3	87.5
89	106.7	87.0	130.4
182	27.5	2.6	4.0#



Abundance Scan 1977 (14.716 min): BP005314.D\data.ms (-1926) (-)

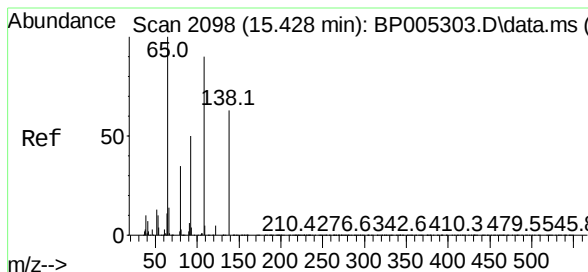
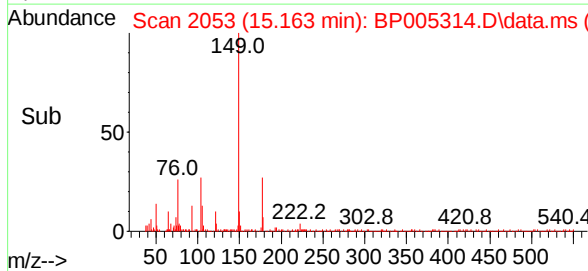
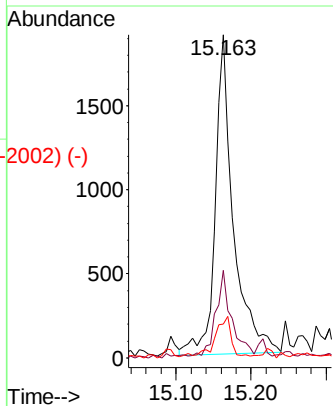
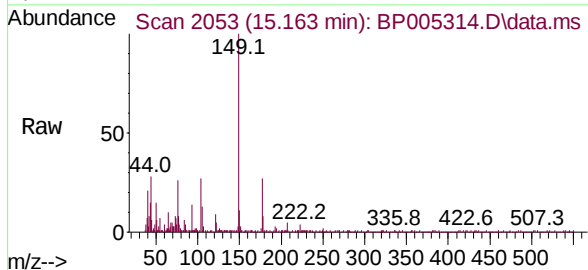




Diethylphthalate
 Concen: 4.91 ng
 RT: 15.163 min Scan# 2053
 Delta R.T. 0.000 min
 Lab File: BP005314.D
 Acq: 16 Apr 2021 12:34

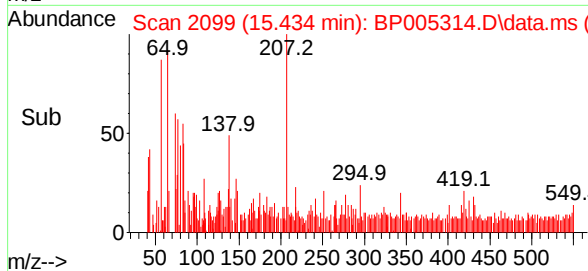
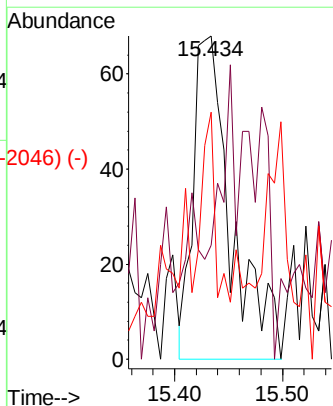
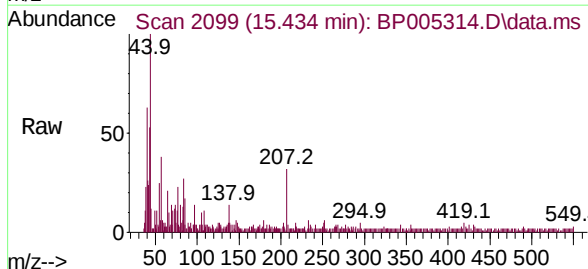
Instrument :
 BNA_P
 ClientSampleId :
 SB-10-8.5-9.0

Tgt Ion:	149	Resp:	3168
Ion	Ratio	Lower	Upper
149	100		
177	27.2	18.6	27.8
150	10.5	9.8	14.8

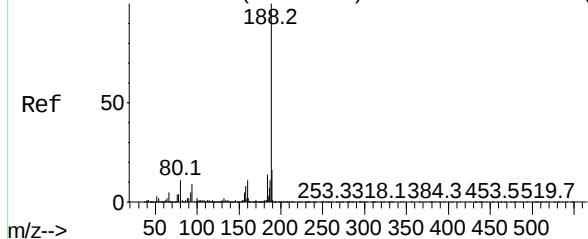


4-Nitroaniline
 Concen: 4.13 ng
 RT: 15.434 min Scan# 2099
 Delta R.T. 0.012 min
 Lab File: BP005314.D
 Acq: 16 Apr 2021 12:34

Tgt Ion:	138	Resp:	165
Ion	Ratio	Lower	Upper
138	100		
92	35.3	57.0	97.0#
108	92.6	115.8	155.8#



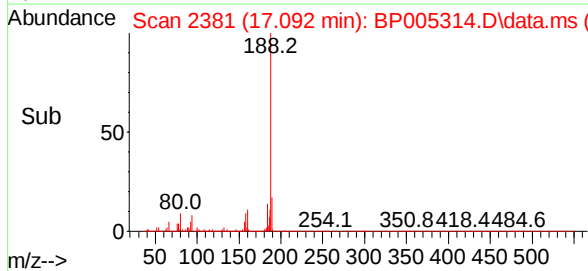
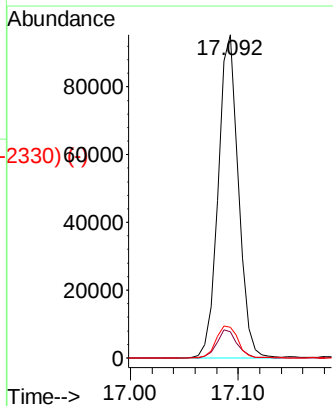
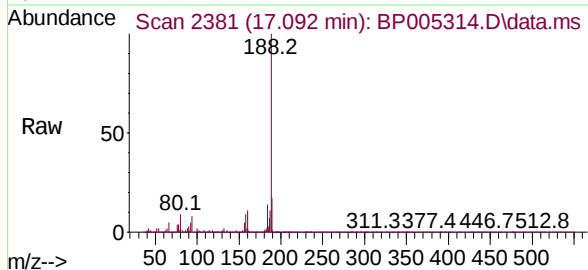
Abundance Scan 2382 (17.098 min): BP005303.D\data.ms (-2382) (-)



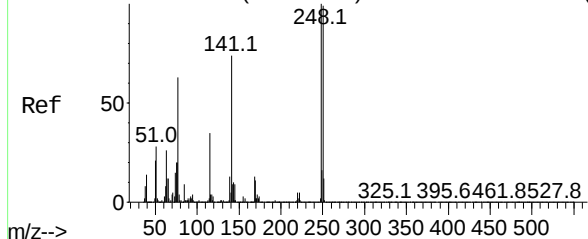
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.092 min Scan# 2381
Delta R.T. 0.000 min
Lab File: BP005314.D
Acq: 16 Apr 2021 12:34

Tgt Ion:	188	Resp:	125646
Ion	Ratio	Lower	Upper
188	100		
94	8.1	7.0	10.6
80	9.4	8.4	12.6

Instrument :
BNA_P
ClientSampleId :
SB-10-8.5-9.0

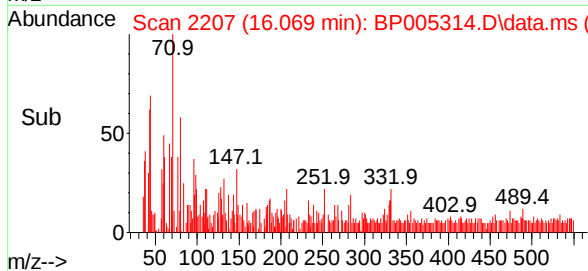
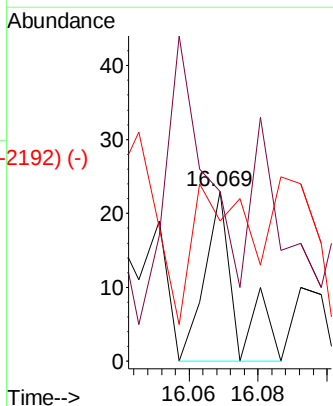
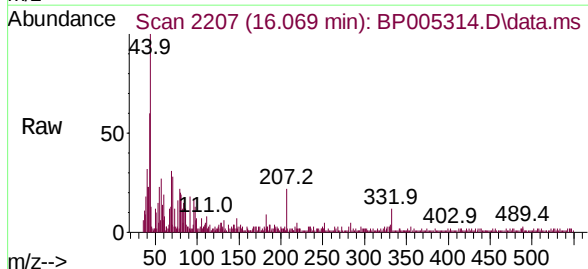


Abundance Scan 2244 (16.286 min): BP005303.D\data.ms (-2244) (-)



4-Bromophenyl-phenylether
Concen: 3.46 ng
RT: 16.069 min Scan# 2207
Delta R.T. -0.212 min
Lab File: BP005314.D
Acq: 16 Apr 2021 12:34

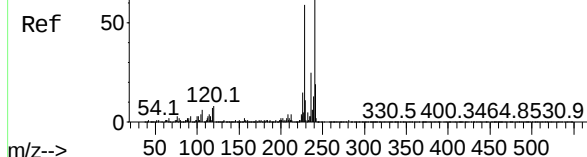
Tgt Ion:	248	Resp:	14
Ion	Ratio	Lower	Upper
248	100		
250	100.0	79.0	118.6
141	82.6	59.0	88.4



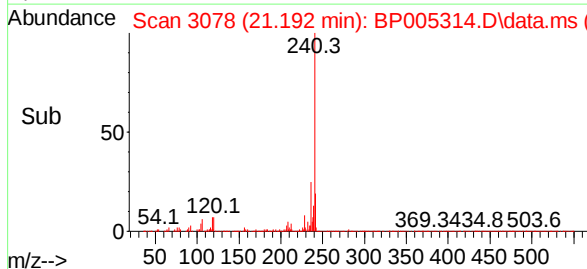
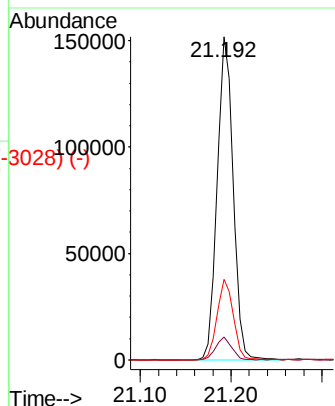
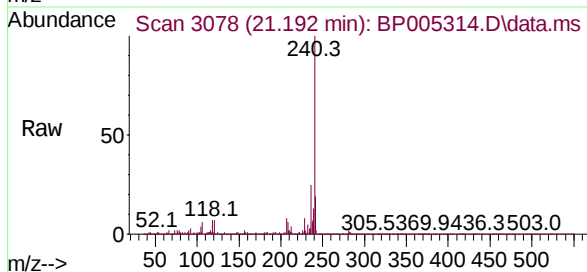
Abundance Scan 3079 (21.198 min): BP005303.D\data.ms (-3079) (-)

Chrysene-d12
Concen: 20.00 ng
RT: 21.192 min Scan# 3078
Delta R.T. -0.006 min
Lab File: BP005314.D
Acq: 16 Apr 2021 12:34

Instrument :
BNA_P
ClientSampleId :
SB-10-8.5-9.0

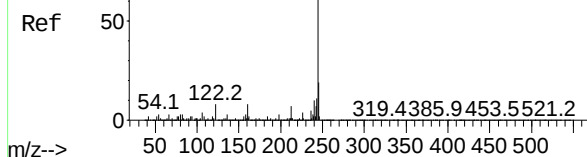


Tgt Ion:	240	Resp:	185697
Ion Ratio	Lower	Upper	
240	100		
120	7.1	6.5	9.7
236	25.0	19.8	29.6

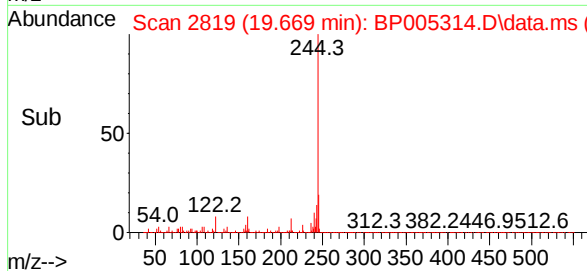
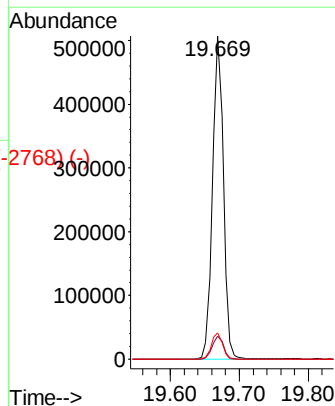
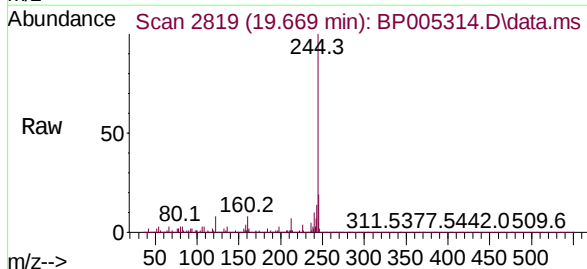


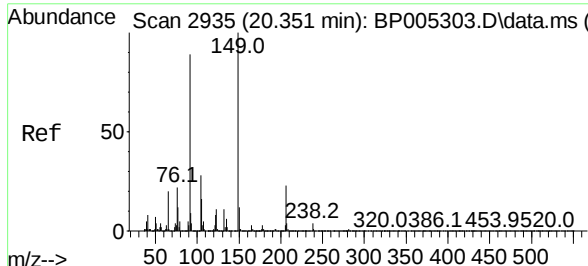
Abundance Scan 2820 (19.674 min): BP005303.D\data.ms (-2820) (-)

Terphenyl-d14
Concen: 59.24 ng
RT: 19.669 min Scan# 2819
Delta R.T. 0.000 min
Lab File: BP005314.D
Acq: 16 Apr 2021 12:34



Tgt Ion:	244	Resp:	556893
Ion Ratio	Lower	Upper	
244	100		
212	7.2	5.8	8.6
122	8.1	6.7	10.1

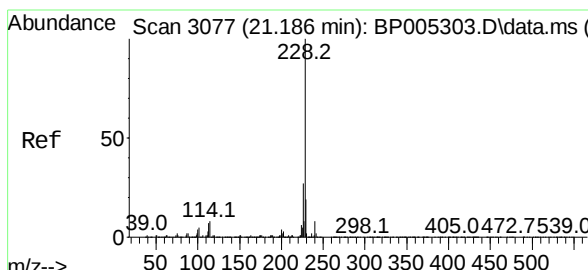
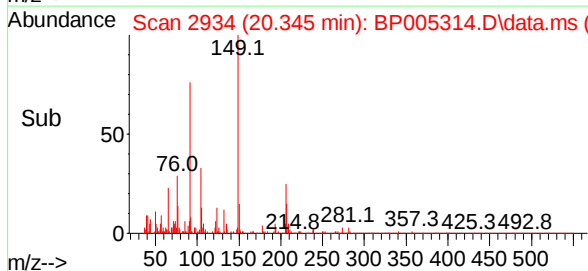
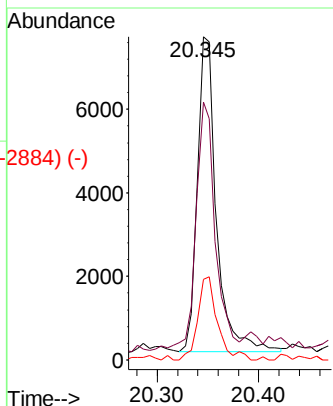
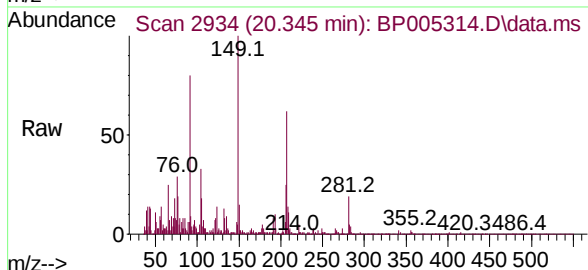




Butylbenzylphthalate
 Concen: 3.91 ng
 RT: 20.345 min Scan# 2934
 Delta R.T. -0.006 min
 Lab File: BP005314.D
 Acq: 16 Apr 2021 12:34

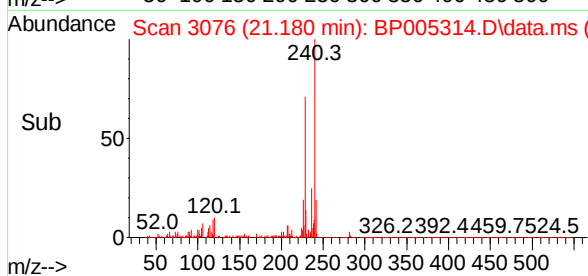
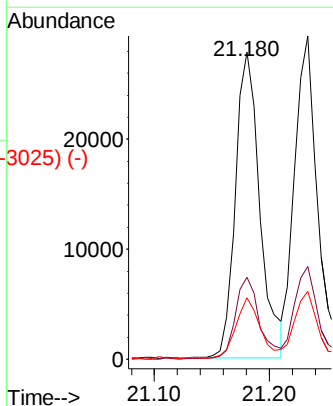
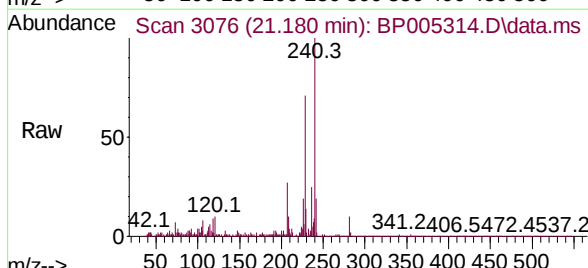
Instrument :
 BNA_P
 ClientSampleId :
 SB-10-8.5-9.0

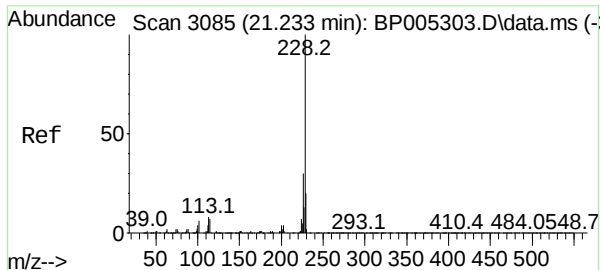
Tgt Ion:	149	Resp:	9877
Ion	Ratio	Lower	Upper
149	100		
91	79.9	71.2	106.8
206	24.9	18.6	28.0



Benzo(a)anthracene
 Concen: 3.45 ng
 RT: 21.180 min Scan# 3076
 Delta R.T. 0.000 min
 Lab File: BP005314.D
 Acq: 16 Apr 2021 12:34

Tgt Ion:	228	Resp:	40931
Ion	Ratio	Lower	Upper
228	100		
226	26.6	21.5	32.3
229	19.9	15.6	23.4

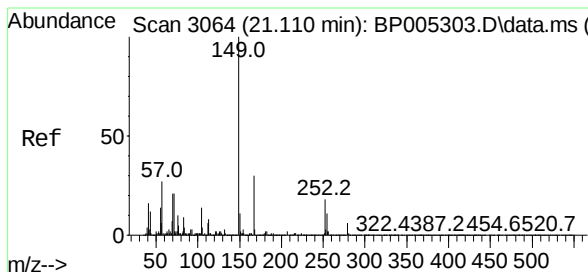
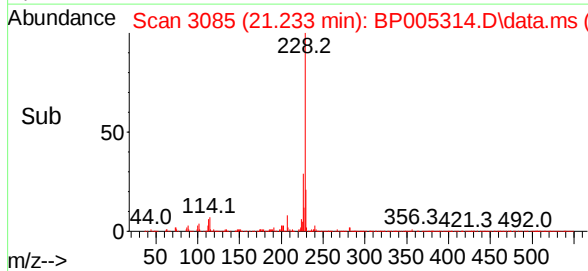
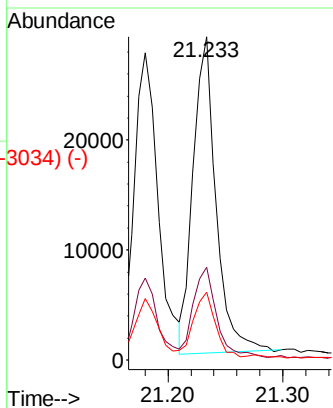
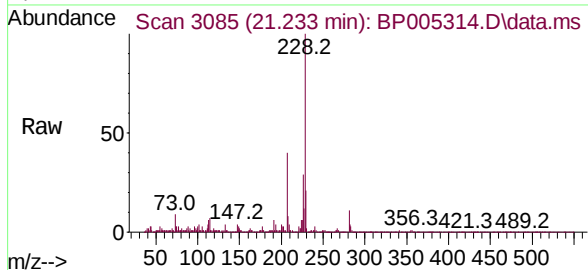




Chrysene
 Concen: 3.38 ng
 RT: 21.233 min Scan# 3085
 Delta R.T. 0.000 min
 Lab File: BP005314.D
 Acq: 16 Apr 2021 12:34

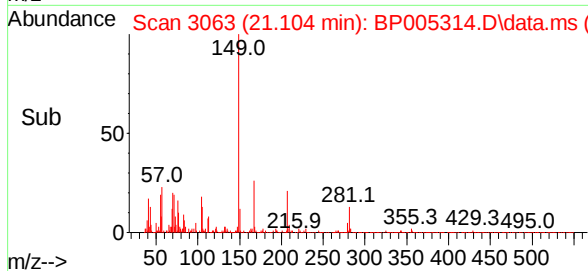
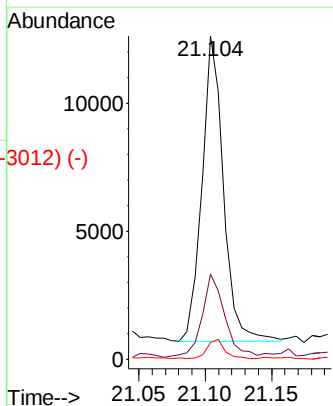
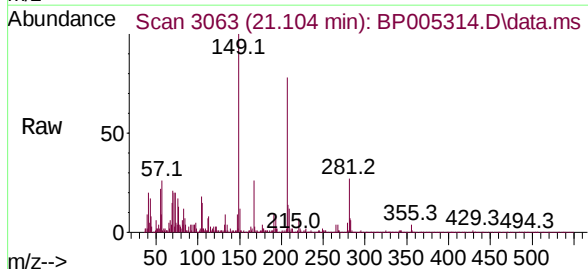
Instrument :
 BNA_P
 ClientSampleId :
 SB-10-8.5-9.0

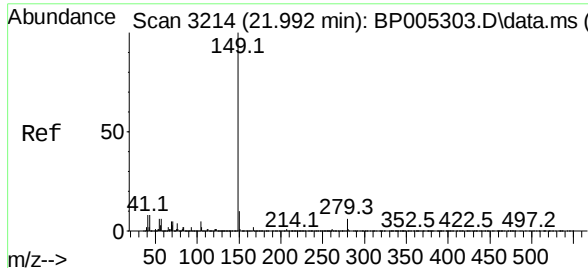
Tgt Ion:	228	Resp:	39585
Ion Ratio	Lower	Upper	
228	100		
226	28.8	24.0	36.0
229	21.0	15.6	23.4



Bis(2-ethylhexyl)phthalate
 Concen: 3.17 ng
 RT: 21.104 min Scan# 3063
 Delta R.T. 0.000 min
 Lab File: BP005314.D
 Acq: 16 Apr 2021 12:34

Tgt Ion:	149	Resp:	13442
Ion Ratio	Lower	Upper	
149	100		
167	26.4	23.8	35.8
279	5.1	4.6	6.8

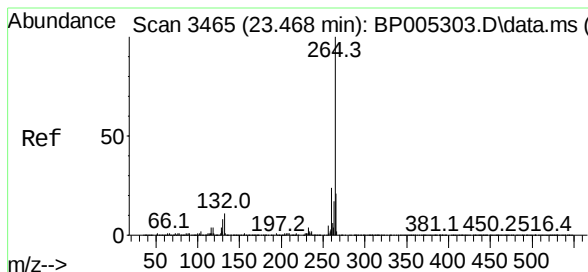
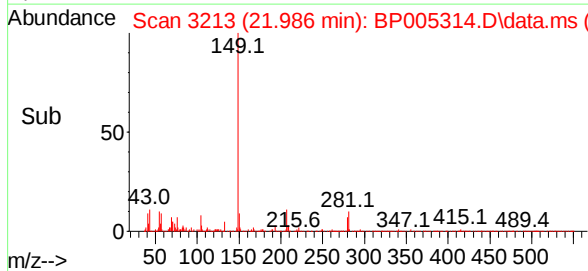
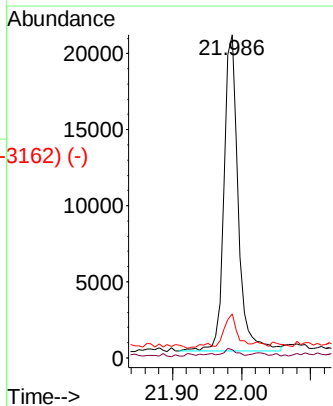
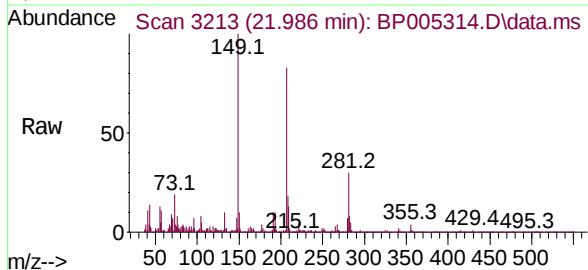




Scan 3214 (21.992 min): BP005303.D\data.ms (-3205) (-)
 Di-n-octyl phthalate
 Concen: 3.80 ng
 RT: 21.986 min Scan# 3213
 Delta R.T. 0.000 min
 Lab File: BP005314.D
 Acq: 16 Apr 2021 12:34

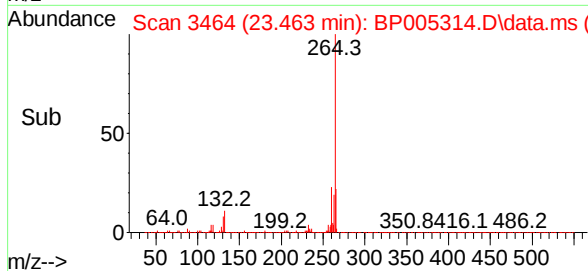
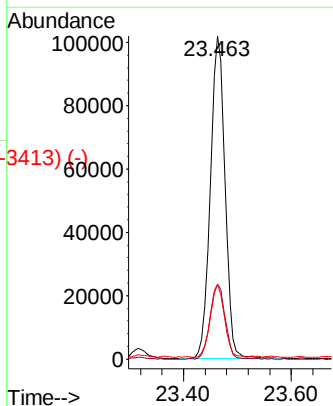
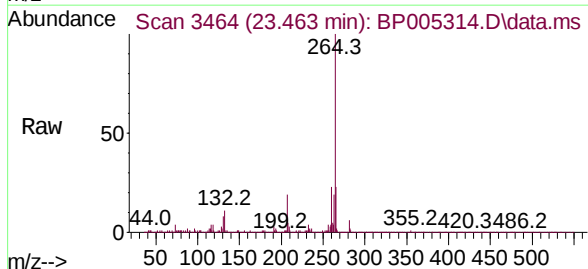
Instrument :
 BNA_P
 ClientSampleId :
 SB-10-8.5-9.0

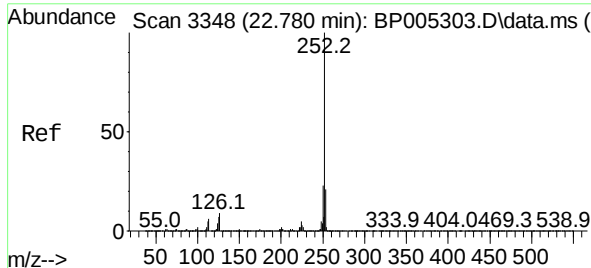
Tgt Ion:	149	Resp:	29871
Ion	Ratio	Lower	Upper
149	100		
167	2.0	1.5	2.3
43	9.0	6.9	10.3



Scan 3465 (23.468 min): BP005303.D\data.ms (-3456) (-)
 Perylene-d12
 Concen: 20.00 ng
 RT: 23.463 min Scan# 3464
 Delta R.T. 0.000 min
 Lab File: BP005314.D
 Acq: 16 Apr 2021 12:34

Tgt Ion:	264	Resp:	191851
Ion	Ratio	Lower	Upper
264	100		
260	23.1	19.0	28.6
265	23.1	17.0	25.6

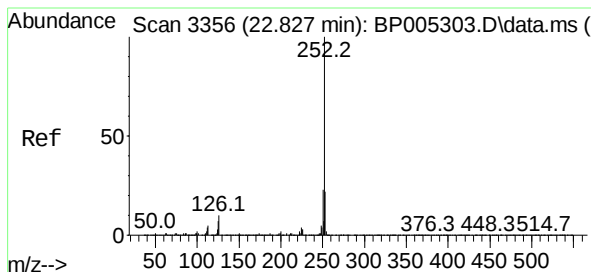
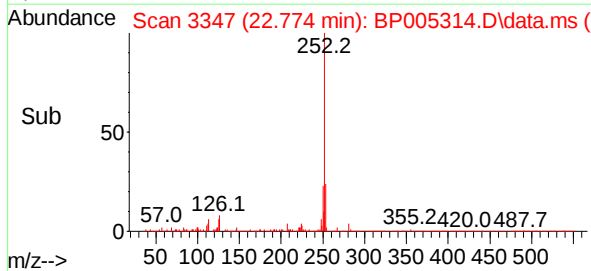
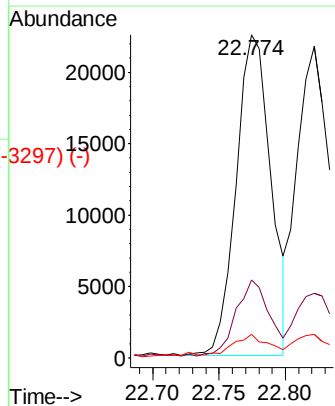
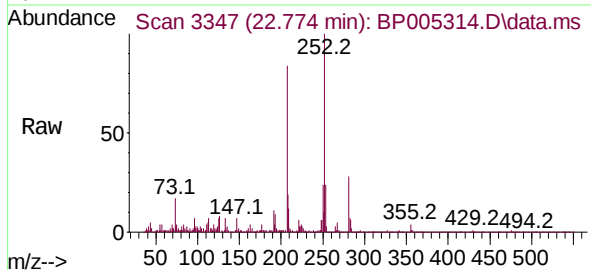




Benzo(b)fluoranthene
 Concen: 3.19 ng
 RT: 22.774 min Scan# 3347
 Delta R.T. -0.006 min
 Lab File: BP005314.D
 Acq: 16 Apr 2021 12:34

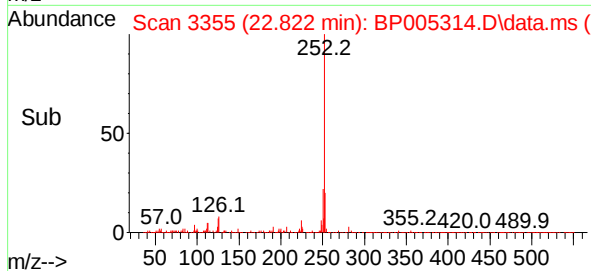
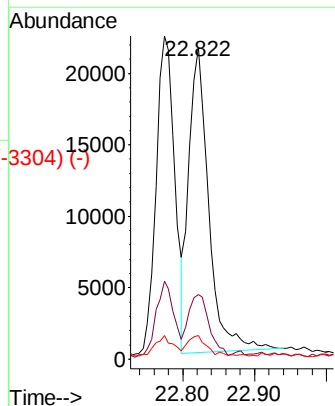
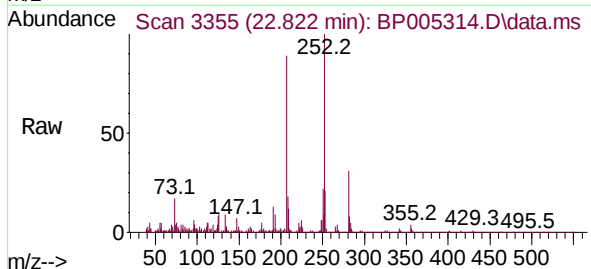
Instrument :
 BNA_P
 ClientSampleId :
 SB-10-8.5-9.0

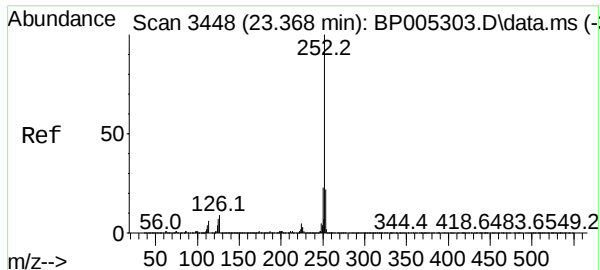
Tgt Ion:	252	Resp:	40956
Ion Ratio	Lower	Upper	
252	100		
253	24.2	17.1	25.7
125	7.2	5.3	7.9



Benzo(k)fluoranthene
 Concen: 3.25 ng
 RT: 22.822 min Scan# 3355
 Delta R.T. 0.000 min
 Lab File: BP005314.D
 Acq: 16 Apr 2021 12:34

Tgt Ion:	252	Resp:	41009
Ion Ratio	Lower	Upper	
252	100		
253	20.6	17.4	26.0
125	7.5	5.4	8.2





Benzo(a)pyrene
 Concen: 2.18 ng
 RT: 23.363 min Scan# 3447
 Delta R.T. -0.006 min
 Lab File: BP005314.D
 Acq: 16 Apr 2021 12:34

Instrument :
 BNA_P
 ClientSampleId :
 SB-10-8.5-9.0

Tgt Ion:	252	Resp:	25718
Ion Ratio	Lower	Upper	
252	100		
253	20.5	17.8	26.6
125	7.9	6.0	9.0

