

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP041621\
 Data File : BP005321.D
 Acq On : 16 Apr 2021 16:32
 Operator : CG/JU
 Sample : M1947-03
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 FS-SB19B(19-20)X

Quant Time: Apr 16 17:38:25 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)

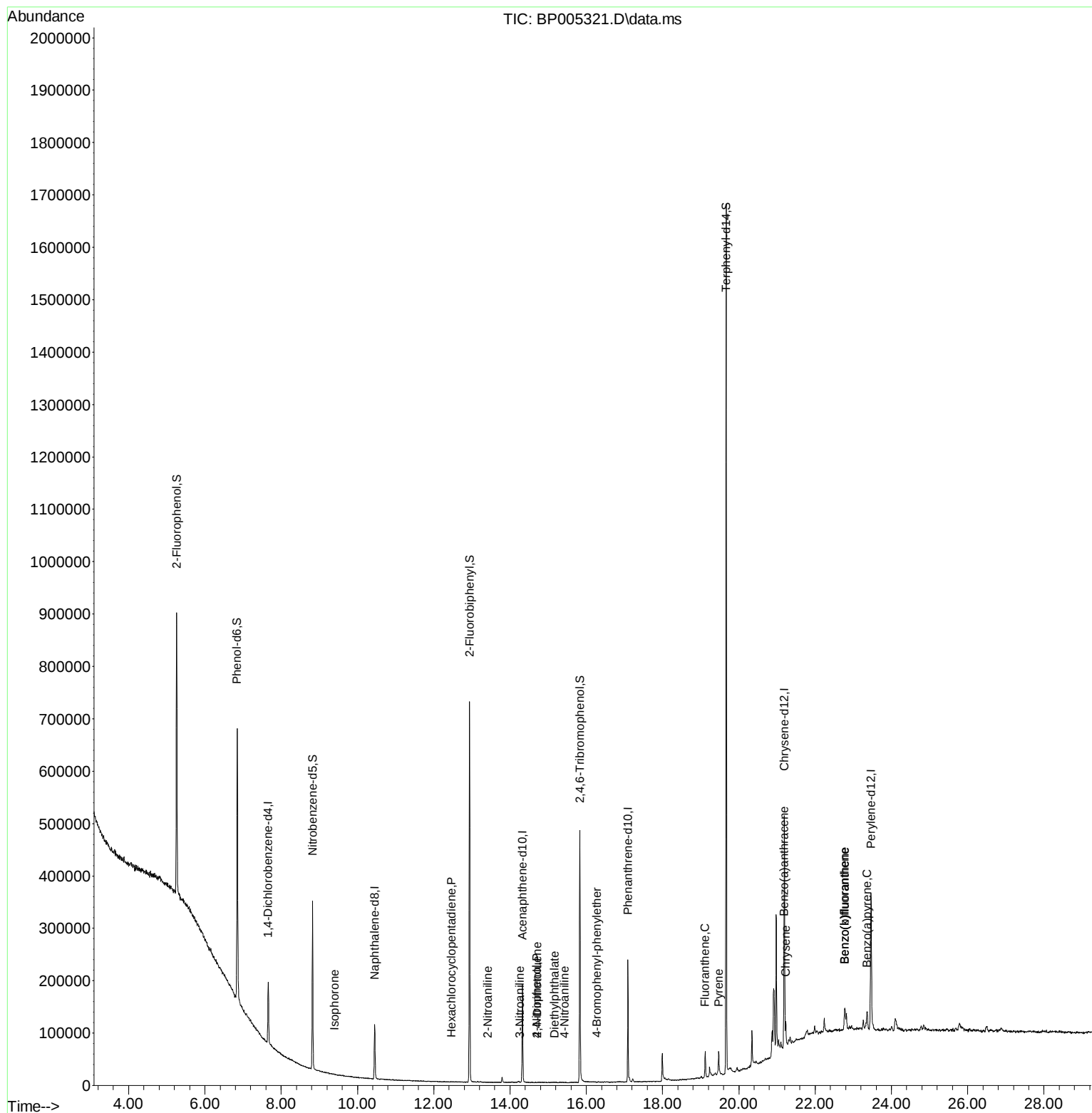
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.658	152	30159	20.00	ng	0.00
21) Naphthalene-d8	10.452	136	74125	20.00	ng	0.00
39) Acenaphthene-d10	14.328	164	47864	20.00	ng	0.00
64) Phenanthrene-d10	17.092	188	115621	20.00	ng	0.00
76) Chrysene-d12	21.192	240	179160	20.00	ng	0.00
86) Perylene-d12	23.463	264	179492	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.264	112	260318	105.25	ng	0.00
7) Phenol-d6	6.846	99	292636	102.30	ng	0.00
23) Nitrobenzene-d5	8.822	82	186726	77.80	ng	0.00
42) 2,4,6-Tribromophenol	15.834	330	78564	123.48	ng	0.00
45) 2-Fluorobiphenyl	12.940	172	302999	84.08	ng	0.00
79) Terphenyl-d14	19.669	244	648108	71.45	ng	0.00
Target Compounds						
						Qvalue
25) Isophorone	9.405	82	42	2.61	ng	# 82
41) Hexachlorocyclopentadiene	12.463	237	6	7.80	ng	# 1
48) 2-Nitroaniline	13.422	65	8	4.05	ng	91
53) 3-Nitroaniline	14.257	138	9	3.12	ng	# 69
56) 4-Nitrophenol	14.698	139	7	6.00	ng	91
57) 2,4-Dinitrotoluene	14.716	165	10	3.42	ng	# 24
60) Diethylphthalate	15.163	149	332	4.22	ng	# 70
62) 4-Nitroaniline	15.428	138	5	3.94	ng	# 1
67) 4-Bromophenyl-phenylether	16.275	248	6	3.45	ng	# 1
75) Fluoranthene	19.116	202	22708	2.79	ng	94
78) Pyrene	19.469	202	24735	2.42	ng	96
81) Benzo(a)anthracene	21.180	228	26828	2.35	ng	99
83) Chrysene	21.228	228	22641	2.00	ng	98
88) Benzo(b)fluoranthene	22.775	252	34073	2.83	ng	98
89) Benzo(k)fluoranthene	22.775	252	34073	2.89	ng	98
90) Benzo(a)pyrene	23.363	252	25868	2.35	ng	# 99

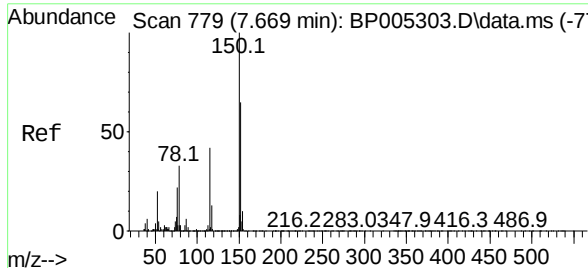
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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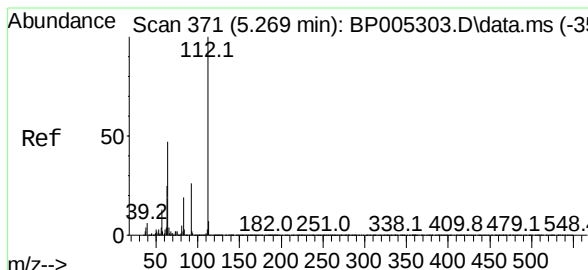
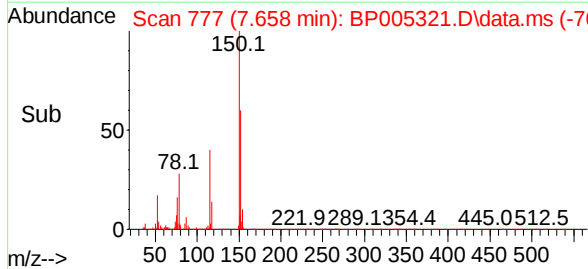
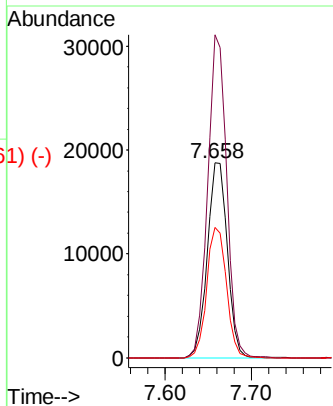
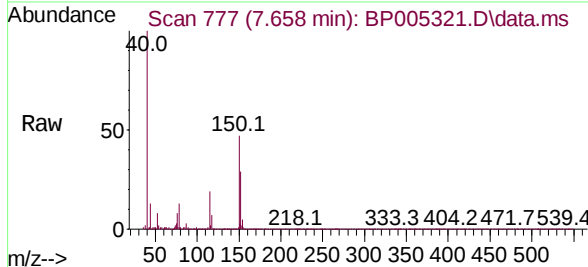




1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.658 min Scan# 777
 Delta R.T. -0.005 min
 Lab File: BP005321.D
 Acq: 16 Apr 2021 16:32

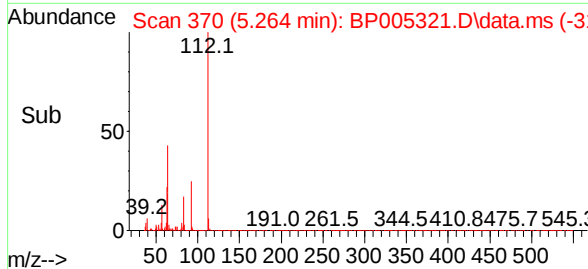
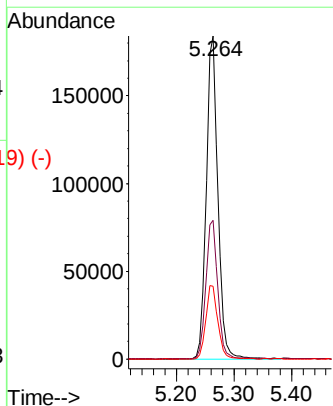
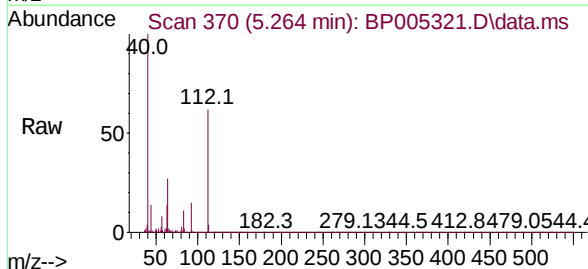
Instrument :
 BNA_P
 ClientSampleId :
 FS-SB19B(19-20)X

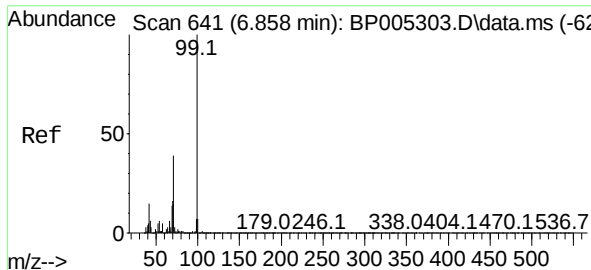
Tgt Ion:	152	Resp:	30159
Ion Ratio	Lower	Upper	
152	100		
150	165.7	122.9	184.3
115	66.9	52.2	78.2



2-Fluorophenol
 Concen: 105.25 ng
 RT: 5.264 min Scan# 370
 Delta R.T. 0.000 min
 Lab File: BP005321.D
 Acq: 16 Apr 2021 16:32

Tgt Ion:	112	Resp:	260318
Ion Ratio	Lower	Upper	
112	100		
64	43.0	37.6	56.4
63	22.5	20.4	30.6

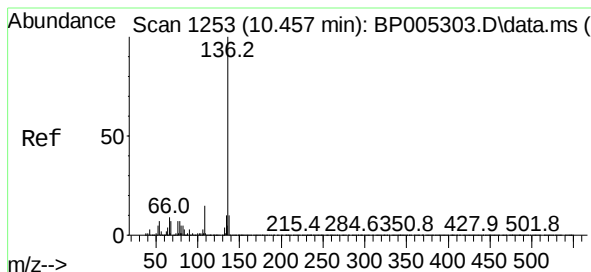
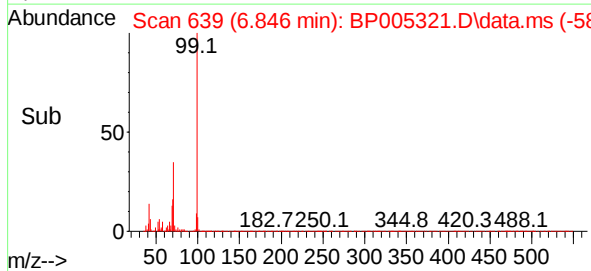
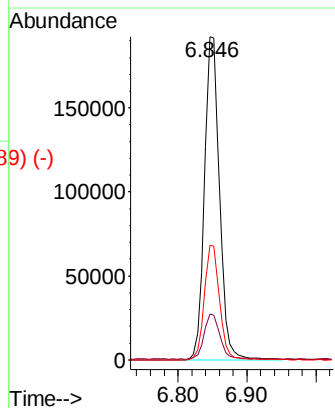
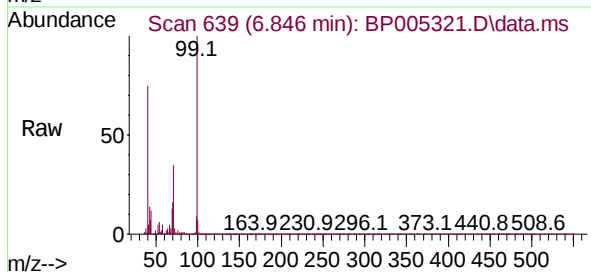




Phenol-d6
 Concen: 102.30 ng
 RT: 6.846 min Scan# 639
 Delta R.T. -0.006 min
 Lab File: BP005321.D
 Acq: 16 Apr 2021 16:32

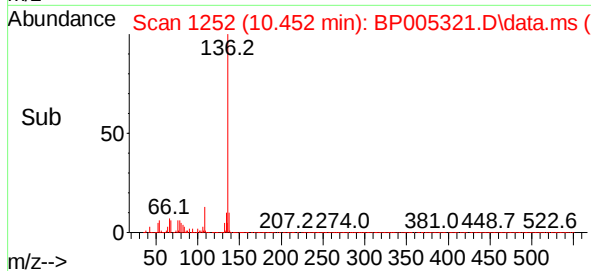
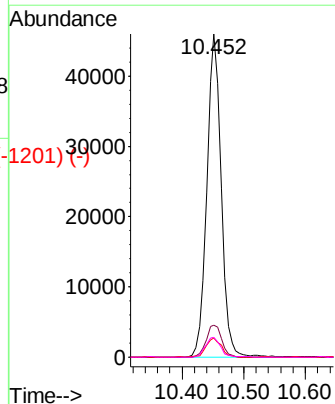
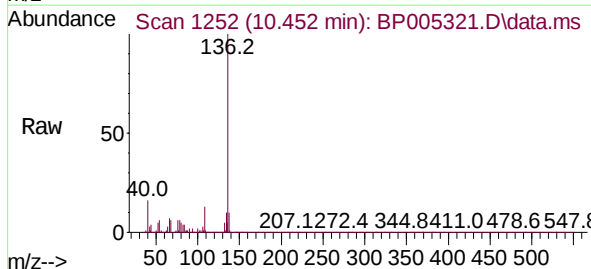
Instrument :
 BNA_P
 ClientSampleId :
 FS-SB19B(19-20)X

Tgt Ion:	99	Resp:	292636
Ion	Ratio	Lower	Upper
99	100		
42	14.3	12.0	18.0
71	35.5	31.4	47.2

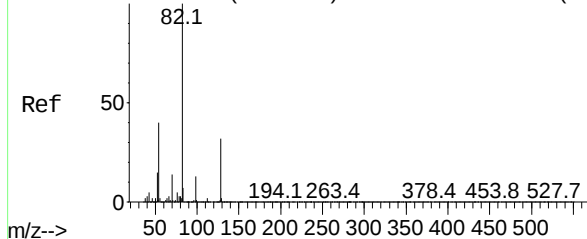


Naphthalene-d8
 Concen: 20.00 ng
 RT: 10.452 min Scan# 1252
 Delta R.T. 0.000 min
 Lab File: BP005321.D
 Acq: 16 Apr 2021 16:32

Tgt Ion:	136	Resp:	74125
Ion	Ratio	Lower	Upper
136	100		
137	10.0	8.4	12.6
54	6.0	5.8	8.8
68	6.0	5.2	7.8



Abundance Scan 977 (8.834 min): BP005303.D\data.ms (-968) (-)

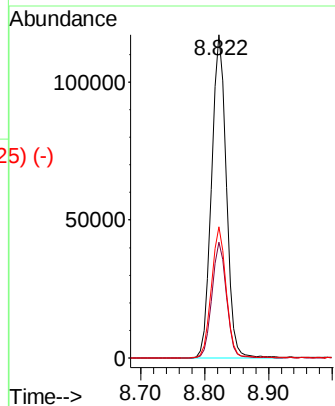
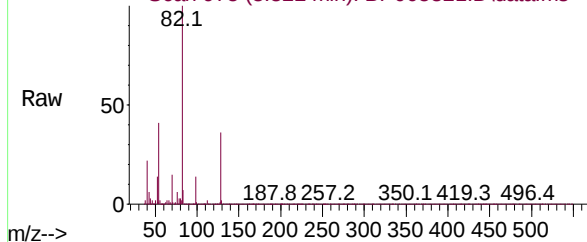


Nitrobenzene-d5
Concen: 77.80 ng
RT: 8.822 min Scan# 975
Delta R.T. -0.006 min
Lab File: BP005321.D
Acq: 16 Apr 2021 16:32

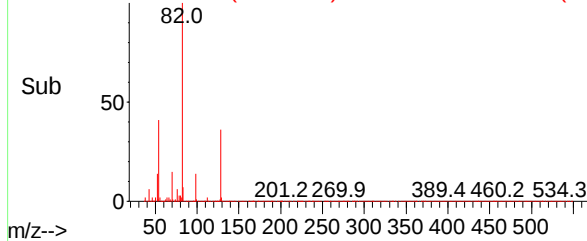
Tgt Ion:	82	Resp:	186726
Ion	Ratio	Lower	Upper
82	100		
128	35.8	25.3	37.9
54	40.5	31.7	47.5

Instrument :
BNA_P
ClientSampleId :
FS-SB19B(19-20)X

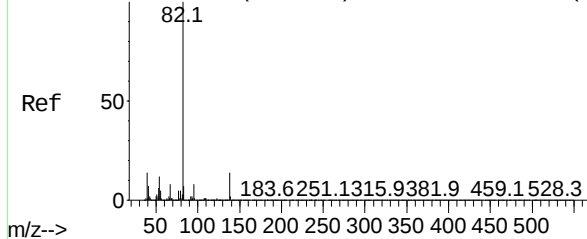
Abundance Scan 975 (8.822 min): BP005321.D\data.ms



Abundance Scan 975 (8.822 min): BP005321.D\data.ms (-925) (-)



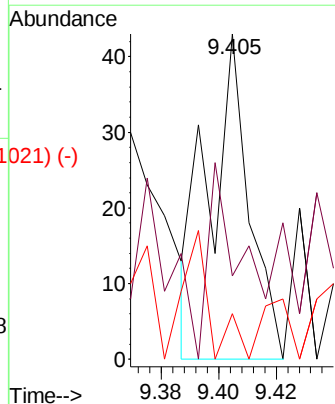
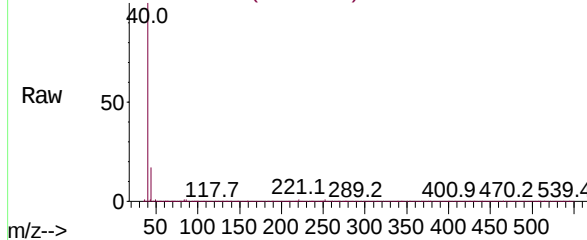
Abundance Scan 1073 (9.399 min): BP005303.D\data.ms (-1062) (-)



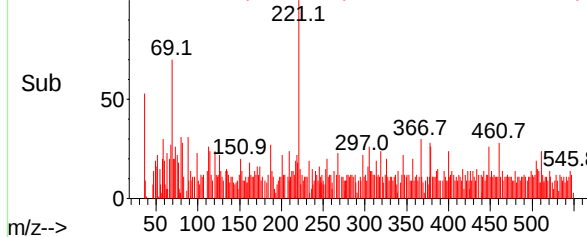
Isophorone
Concen: 2.61 ng
RT: 9.405 min Scan# 1074
Delta R.T. 0.012 min
Lab File: BP005321.D
Acq: 16 Apr 2021 16:32

Tgt Ion:	82	Resp:	42
Ion	Ratio	Lower	Upper
82	100		
95	25.6	6.6	10.0#
138	14.0	11.0	16.6

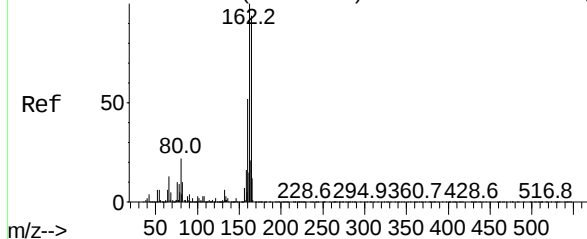
Abundance Scan 1074 (9.405 min): BP005321.D\data.ms



Abundance Scan 1074 (9.405 min): BP005321.D\data.ms (-1021) (-)



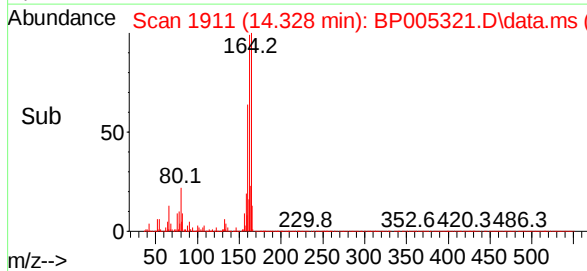
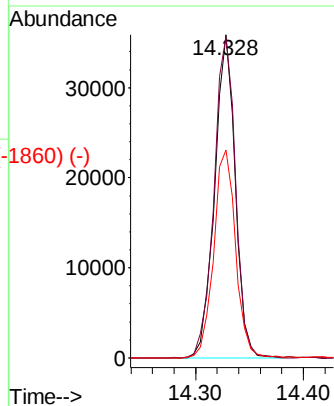
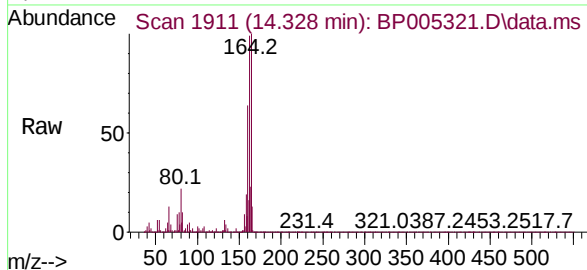
Abundance Scan 1912 (14.334 min): BP005303.D\data.ms (-1860) (-)



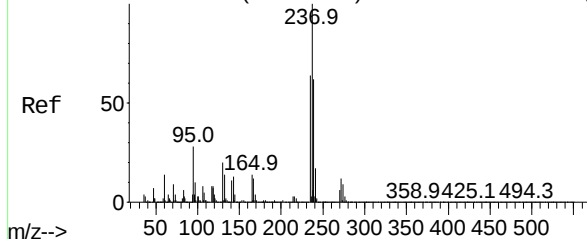
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.328 min Scan# 1911
Delta R.T. 0.000 min
Lab File: BP005321.D
Acq: 16 Apr 2021 16:32

Instrument :
BNA_P
ClientSampleId :
FS-SB19B(19-20)X

Tgt Ion	Ratio	Lower	Upper
164	100		
162	99.4	84.8	127.2
160	64.3	44.2	66.4

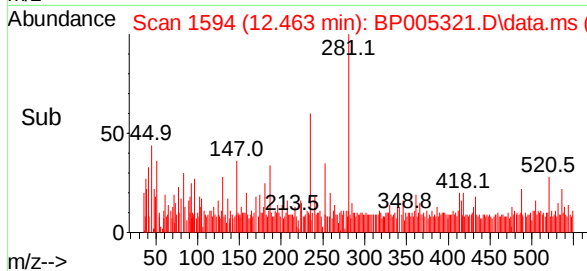
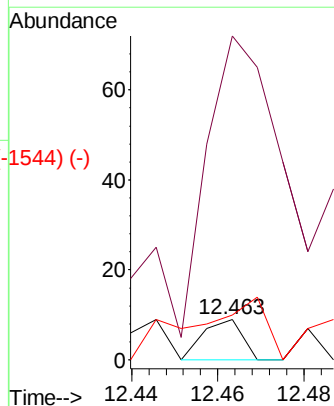
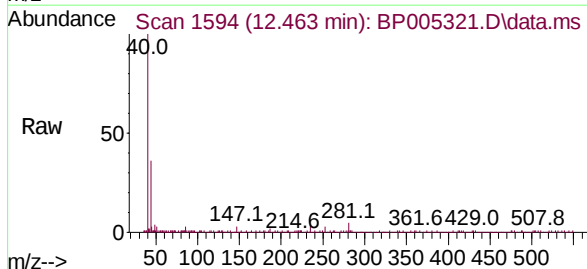


Abundance Scan 1596 (12.475 min): BP005303.D\data.ms (-1544) (-)



Hexachlorocyclopentadiene
Concen: 7.80 ng
RT: 12.463 min Scan# 1594
Delta R.T. -0.006 min
Lab File: BP005321.D
Acq: 16 Apr 2021 16:32

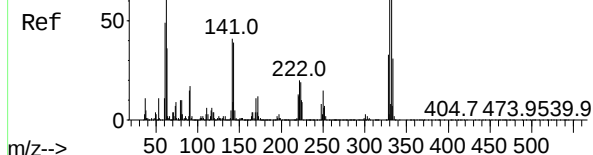
Tgt Ion	Ratio	Lower	Upper
237	100		
235	800.0	44.0	84.0#
272	111.1	0.0	31.7#



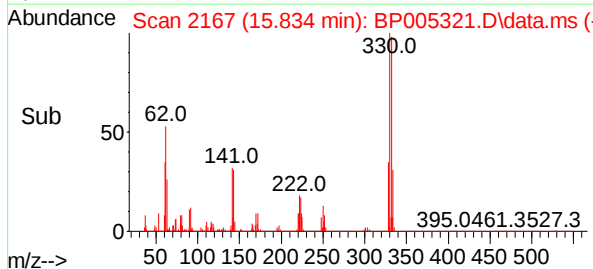
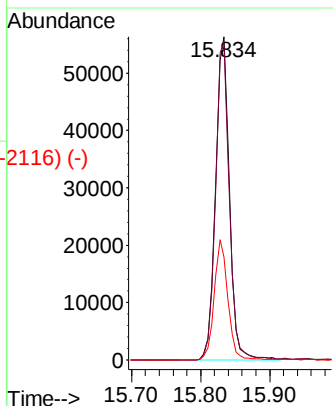
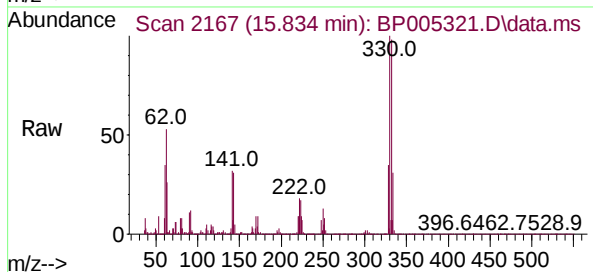
Abundance Scan 2167 (15.834 min): BP005303.D\data.ms (-2116) (-)

2,4,6-Tribromophenol
Concen: 123.48 ng
RT: 15.834 min Scan# 2167
Delta R.T. 0.000 min
Lab File: BP005321.D
Acq: 16 Apr 2021 16:32

Instrument :
BNA_P
ClientSampleId :
FS-SB19B(19-20)X

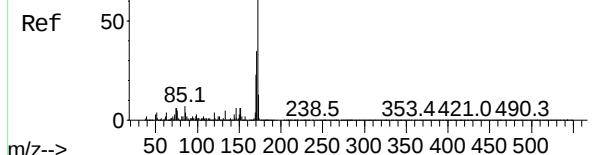


Tgt Ion:	330	Resp:	78564
Ion	Ratio	Lower	Upper
330	100		
332	97.7	78.6	118.0
141	36.6	31.6	47.4

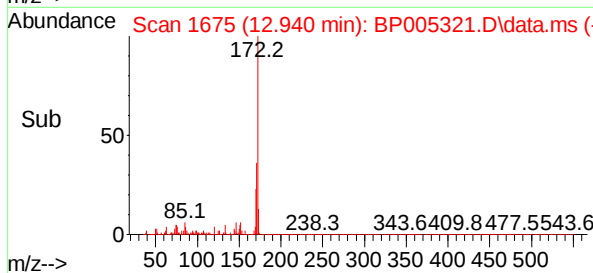
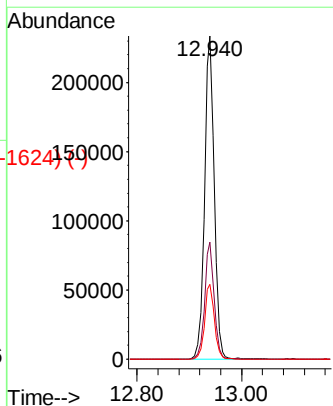
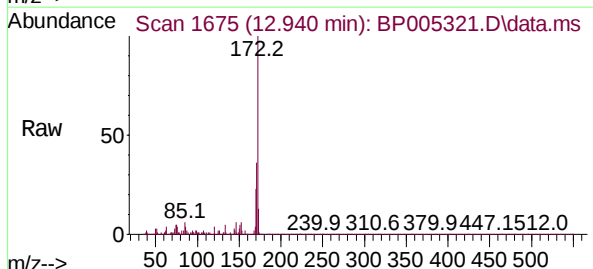


Abundance Scan 1676 (12.945 min): BP005303.D\data.ms (-1624) (-)

2-Fluorobiphenyl
Concen: 84.08 ng
RT: 12.940 min Scan# 1675
Delta R.T. 0.000 min
Lab File: BP005321.D
Acq: 16 Apr 2021 16:32



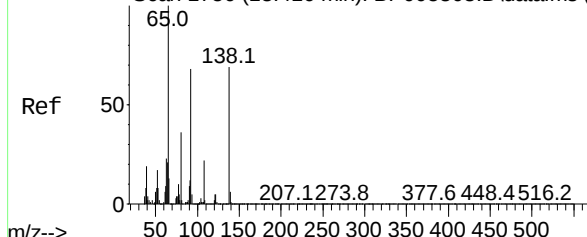
Tgt Ion:	172	Resp:	302999
Ion	Ratio	Lower	Upper
172	100		
171	36.2	27.8	41.8
170	23.2	18.7	28.1



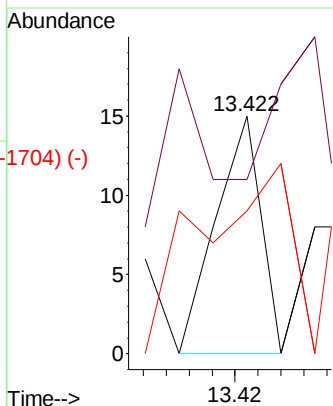
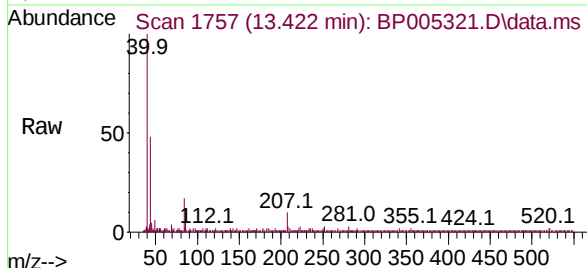
Abundance Scan 1756 (13.416 min): BP005303.D\data.ms (-1748) (-)

2-Nitroaniline
Concen: 4.05 ng
RT: 13.422 min Scan# 1757
Delta R.T. 0.012 min
Lab File: BP005321.D
Acq: 16 Apr 2021 16:32

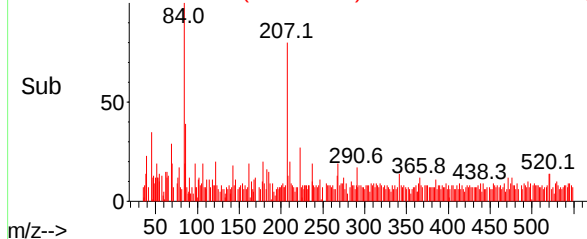
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Tgt Ion:	65	Resp:	8
Ion	Ratio	Lower	Upper
65	100		
92	73.3	54.6	82.0
138	60.0	55.4	83.0



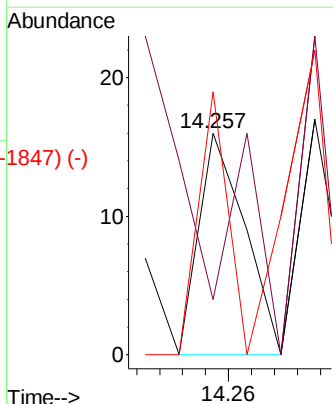
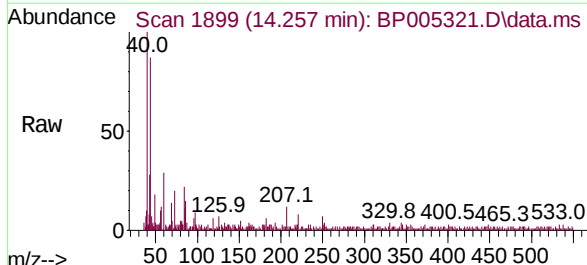
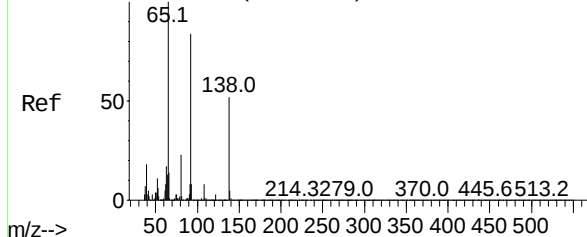
Abundance Scan 1757 (13.422 min): BP005321.D\data.ms (-1704) (-)



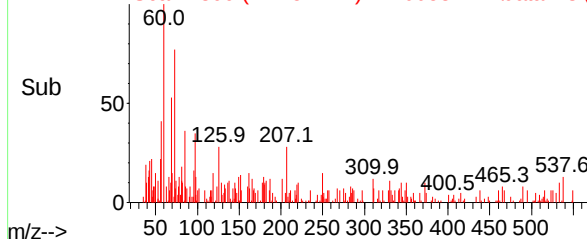
Abundance Scan 1898 (14.251 min): BP005303.D\data.ms (-1853) (-)

3-Nitroaniline
Concen: 3.12 ng
RT: 14.257 min Scan# 1899
Delta R.T. 0.006 min
Lab File: BP005321.D
Acq: 16 Apr 2021 16:32

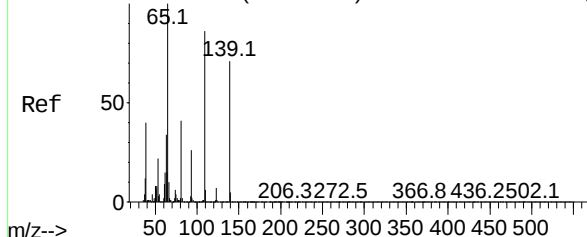
Tgt Ion:	138	Resp:	9
Ion	Ratio	Lower	Upper
138	100		
108	25.0	11.8	17.8#
92	118.8	129.0	193.4#



Abundance Scan 1899 (14.257 min): BP005321.D\data.ms (-1847) (-)



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

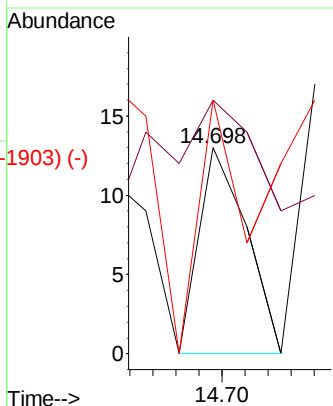
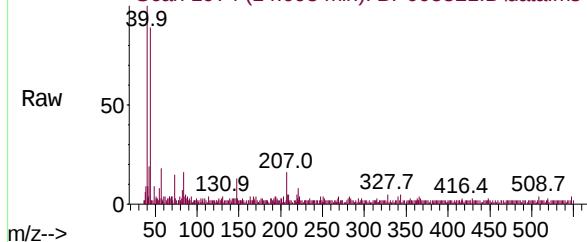


4-Nitrophenol
Concen: 6.00 ng
RT: 14.698 min Scan# 1974
Delta R.T. 0.118 min
Lab File: BP005321.D
Acq: 16 Apr 2021 16:32

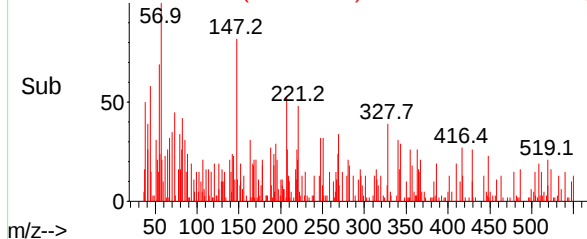
Instrument :
BNA_P
ClientSampleId :
FS-SB19B(19-20)X

Tgt Ion:	139	Resp:	7
Ion	Ratio	Lower	Upper
139	100		
109	123.1	101.8	141.8
65	123.1	121.3	161.3

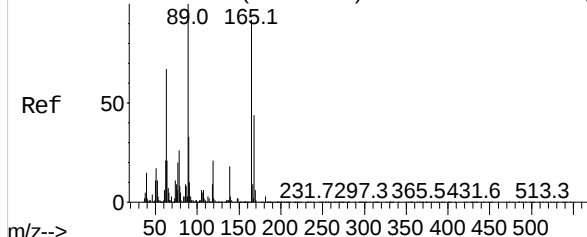
Abundance Scan 1974 (14.698 min): BP005321.D\data.ms



Abundance Scan 1974 (14.698 min): BP005321.D\data.ms (-1903) (-)



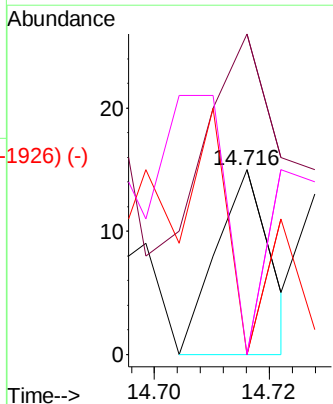
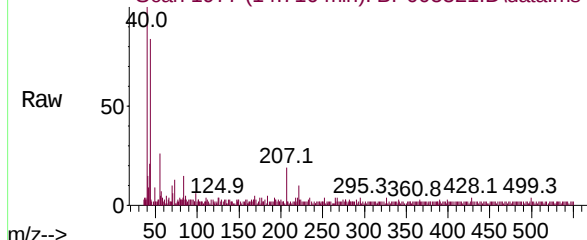
Abundance Scan 1977 (14.716 min): BP005303.D\data.ms (-1957) (-)



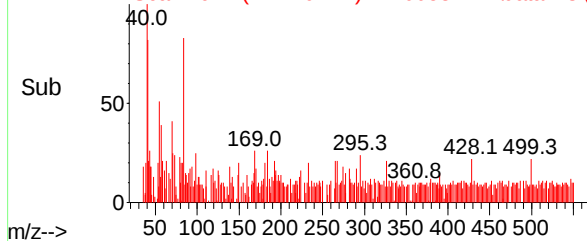
2,4-Dinitrotoluene
Concen: 3.42 ng
RT: 14.716 min Scan# 1977
Delta R.T. 0.000 min
Lab File: BP005321.D
Acq: 16 Apr 2021 16:32

Tgt Ion:	165	Resp:	10
Ion	Ratio	Lower	Upper
165	100		
63	104.0	58.3	87.5#
89	0.0	87.0	130.4#
182	0.0	2.6	4.0#

Abundance Scan 1977 (14.716 min): BP005321.D\data.ms



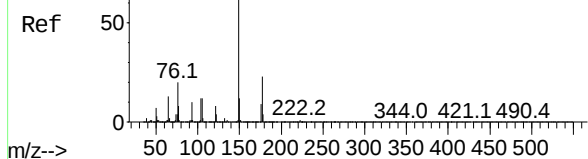
Abundance Scan 1977 (14.716 min): BP005321.D\data.ms (-1926) (-)



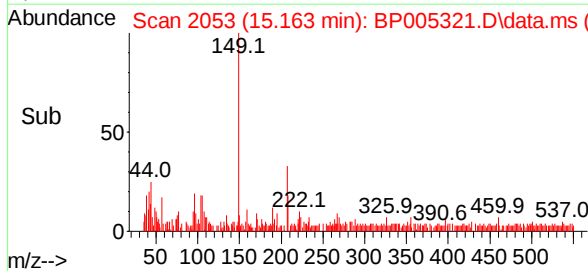
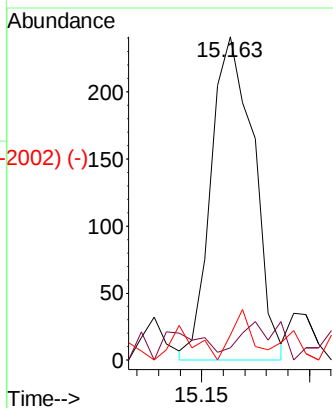
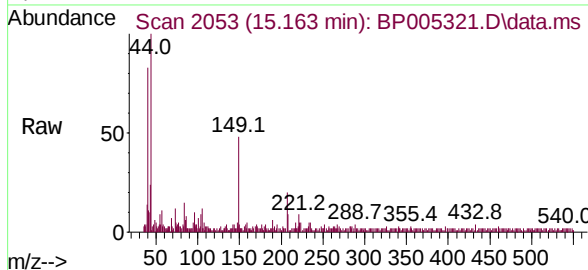
Abundance Scan 2054 (15.169 min): BP005303.D\data.ms (-2068) (-)

Diethylphthalate
Concen: 4.22 ng
RT: 15.163 min Scan# 2053
Delta R.T. 0.000 min
Lab File: BP005321.D
Acq: 16 Apr 2021 16:32

Instrument :
BNA_P
ClientSampleId :
FS-SB19B(19-20)X



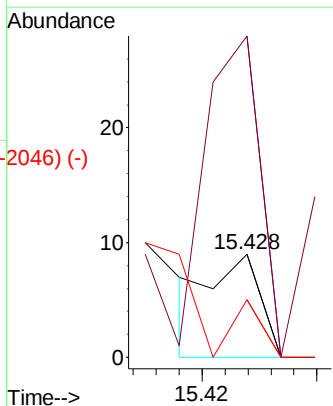
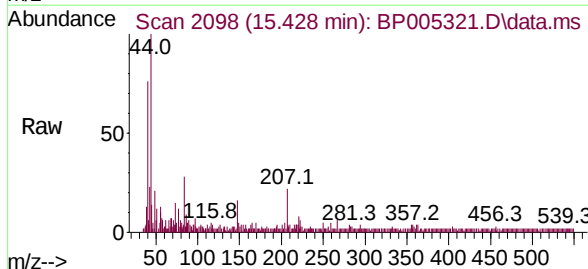
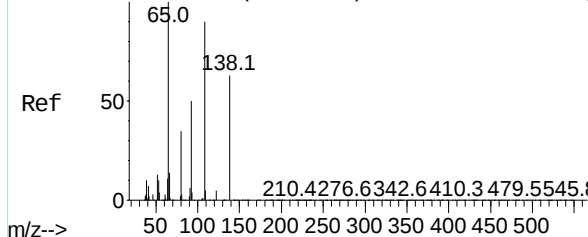
Tgt Ion:	149	Resp:	332
Ion	Ratio	Lower	Upper
149	100		
177	3.7	18.6	27.8#
150	7.9	9.8	14.8#



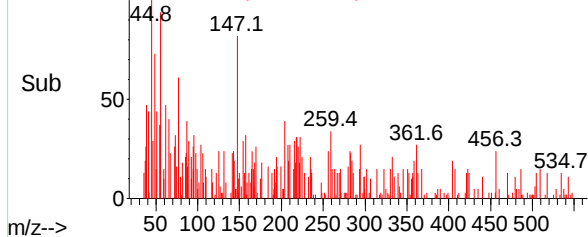
Abundance Scan 2098 (15.428 min): BP005303.D\data.ms (-2068) (-)

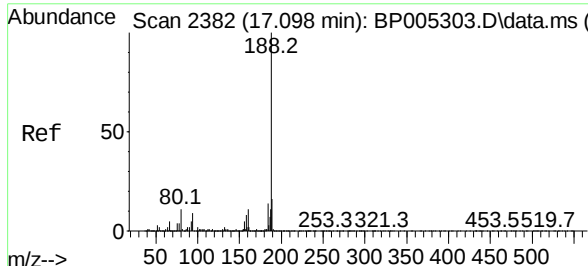
4-Nitroaniline
Concen: 3.94 ng
RT: 15.428 min Scan# 2098
Delta R.T. 0.006 min
Lab File: BP005321.D
Acq: 16 Apr 2021 16:32

Tgt Ion:	138	Resp:	5
Ion	Ratio	Lower	Upper
138	100		
92	311.1	57.0	97.0#
108	55.6	115.8	155.8#



Abundance Scan 2098 (15.428 min): BP005321.D\data.ms (-2046) (-)

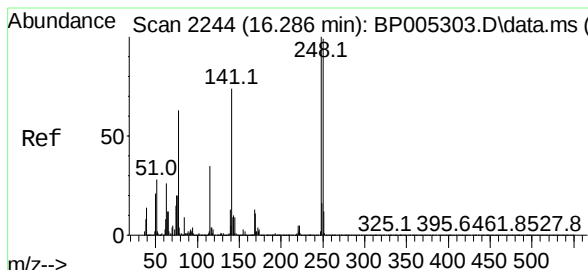
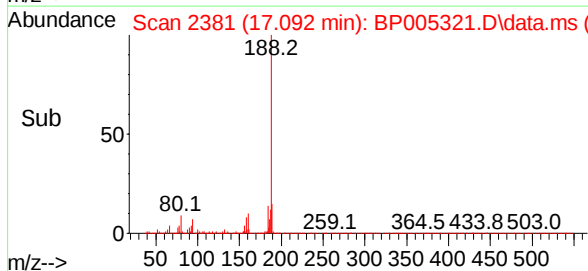
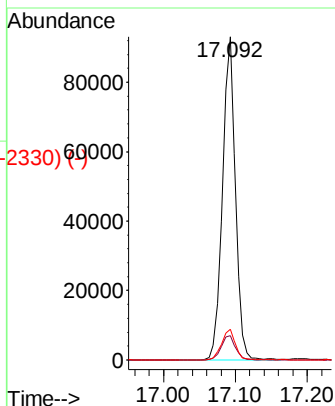
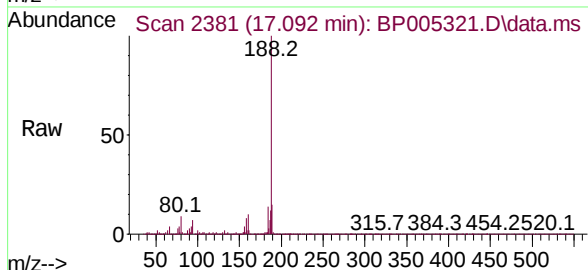




Phenanthrene-d10
 Concen: 20.00 ng
 RT: 17.092 min Scan# 2381
 Delta R.T. 0.000 min
 Lab File: BP005321.D
 Acq: 16 Apr 2021 16:32

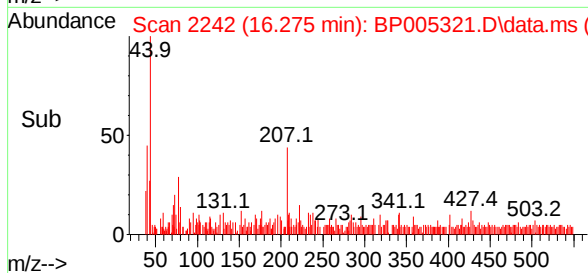
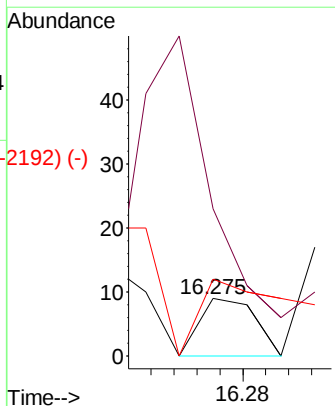
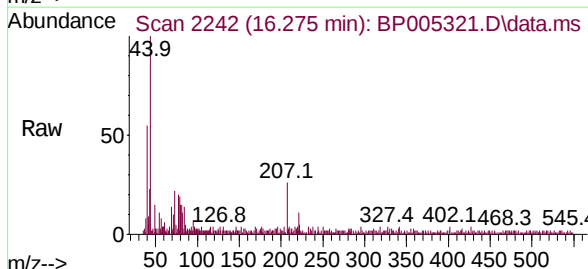
Instrument :
 BNA_P
 ClientSampleId :
 FS-SB19B(19-20)X

Tgt Ion:	188	Resp:	115621
Ion	Ratio	Lower	Upper
188	100		
94	7.5	7.0	10.6
80	9.5	8.4	12.6

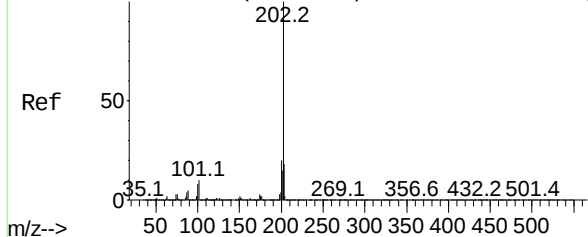


4-Bromophenyl-phenylether
 Concen: 3.45 ng
 RT: 16.275 min Scan# 2242
 Delta R.T. -0.006 min
 Lab File: BP005321.D
 Acq: 16 Apr 2021 16:32

Tgt Ion:	248	Resp:	6
Ion	Ratio	Lower	Upper
248	100		
250	255.6	79.0	118.6#
141	133.3	59.0	88.4#



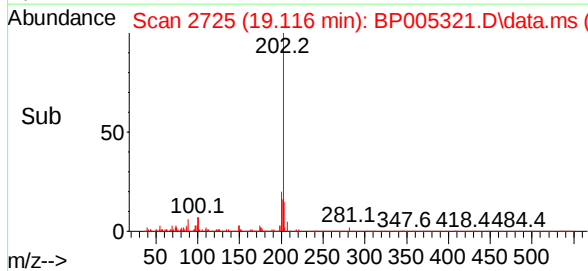
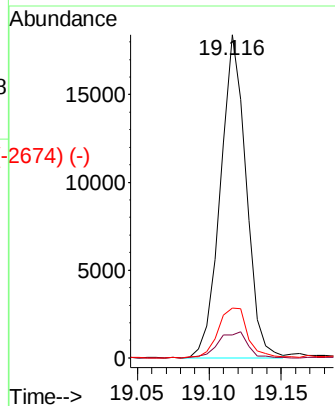
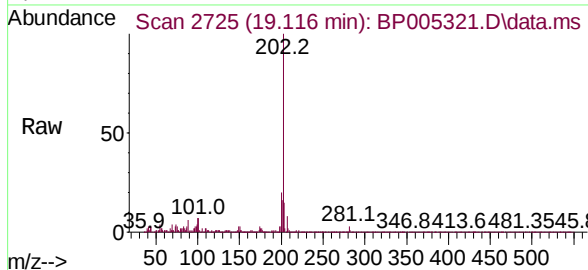
Abundance Scan 2726 (19.122 min): BP005303.D\data.ms (-2726) (-)



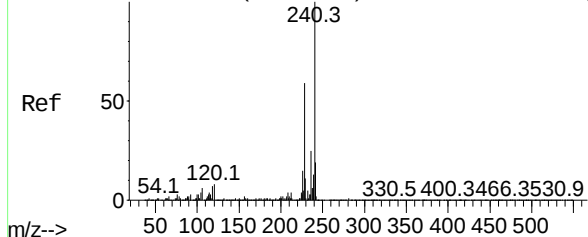
Fluoranthene
Concen: 2.79 ng
RT: 19.116 min Scan# 2725
Delta R.T. 0.000 min
Lab File: BP005321.D
Acq: 16 Apr 2021 16:32

Instrument :
BNA_P
ClientSampleId :
FS-SB19B(19-20)X

Tgt Ion	Ratio	Lower	Upper
202	100		
101	7.0	0.0	29.6
203	15.4	0.0	37.6

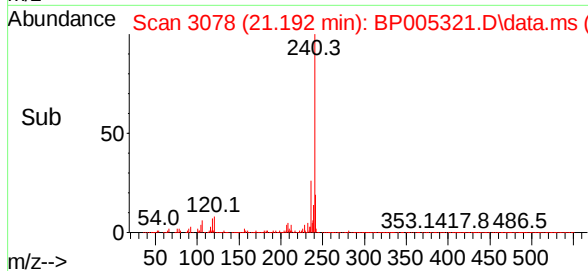
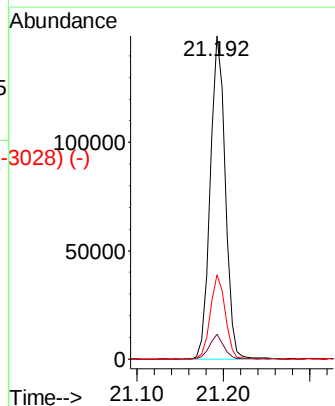
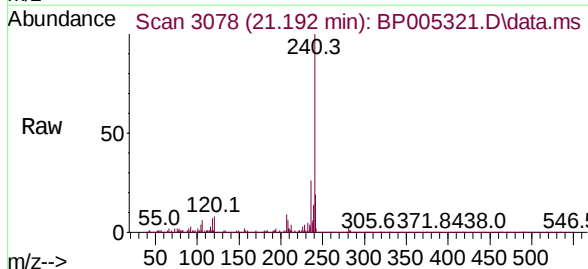


Abundance Scan 3079 (21.198 min): BP005303.D\data.ms (-3079) (-)

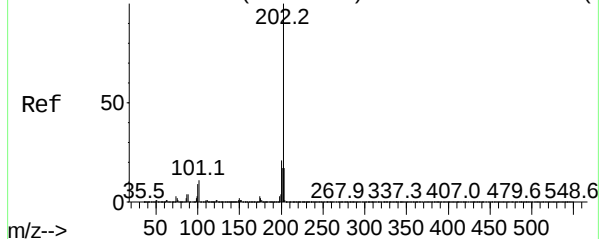


Chrysene-d12
Concen: 20.00 ng
RT: 21.192 min Scan# 3078
Delta R.T. -0.006 min
Lab File: BP005321.D
Acq: 16 Apr 2021 16:32

Tgt Ion	Ratio	Lower	Upper
240	100		
120	7.8	6.5	9.7
236	26.1	19.8	29.6



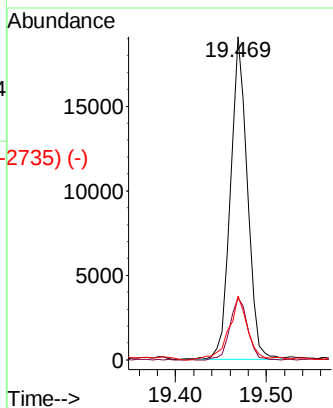
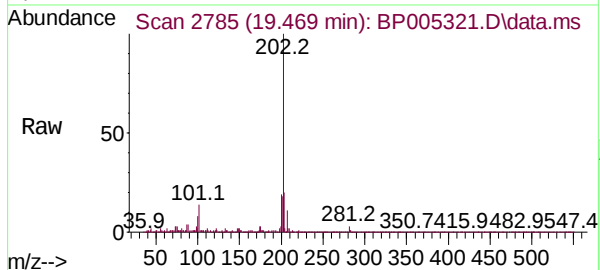
Abundance Scan 2786 (19.475 min): BP005303.D\data.ms (-2778) (-)



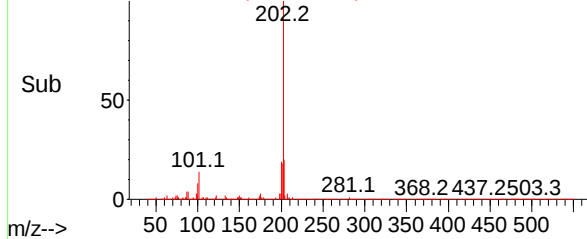
Pyrene
Concen: 2.42 ng
RT: 19.469 min Scan# 2785
Delta R.T. -0.006 min
Lab File: BP005321.D
Acq: 16 Apr 2021 16:32

Instrument :
BNA_P
ClientSampleId :
FS-SB19B(19-20)X

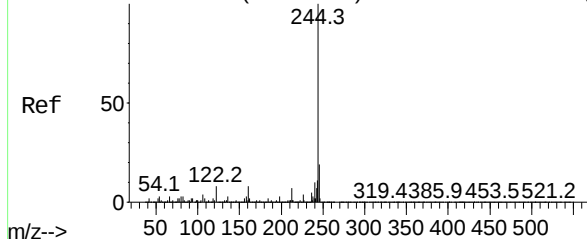
Tgt Ion	Ratio	Lower	Upper
202	100		
200	19.2	16.5	24.7
203	19.8	13.9	20.9



Abundance Scan 2785 (19.469 min): BP005321.D\data.ms (-2735) (-)

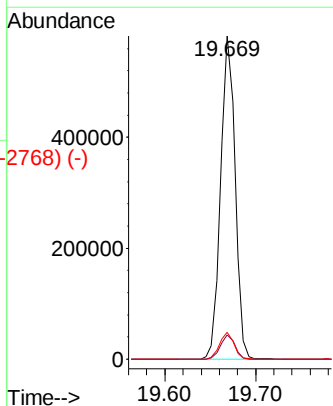
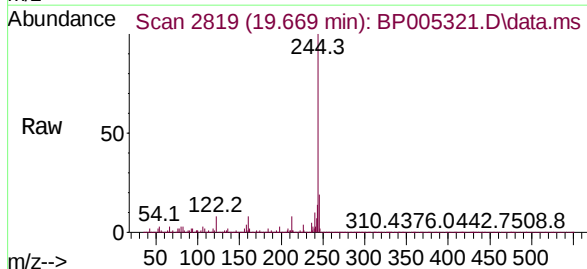


Abundance Scan 2820 (19.674 min): BP005303.D\data.ms (-2819) (-)

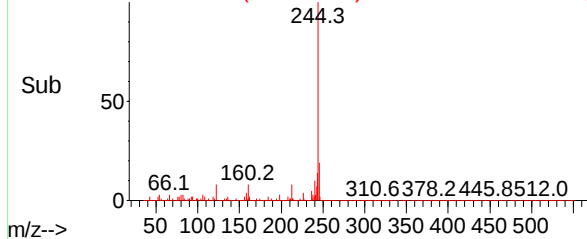


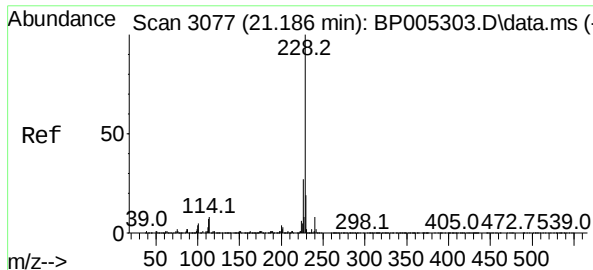
Terphenyl-d14
Concen: 71.45 ng
RT: 19.669 min Scan# 2819
Delta R.T. 0.000 min
Lab File: BP005321.D
Acq: 16 Apr 2021 16:32

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.5	5.8	8.6
122	8.4	6.7	10.1



Abundance Scan 2819 (19.669 min): BP005321.D\data.ms (-2768) (-)

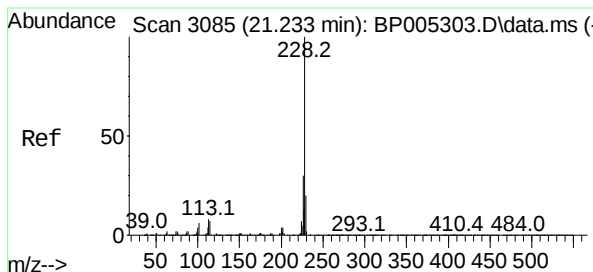
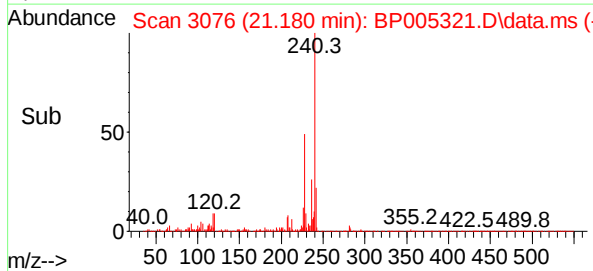
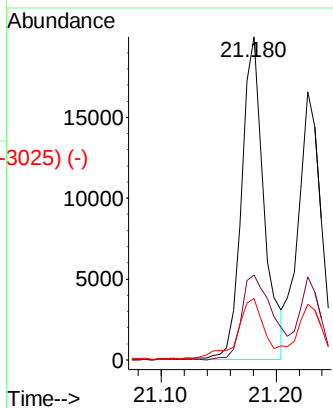
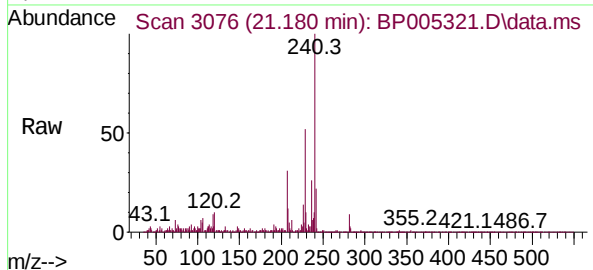




Scan 3077 (21.186 min): BP005303.D\data.ms (-3083) (-)
 Benzo(a)anthracene
 Concen: 2.35 ng
 RT: 21.180 min Scan# 3076
 Delta R.T. 0.000 min
 Lab File: BP005321.D
 Acq: 16 Apr 2021 16:32

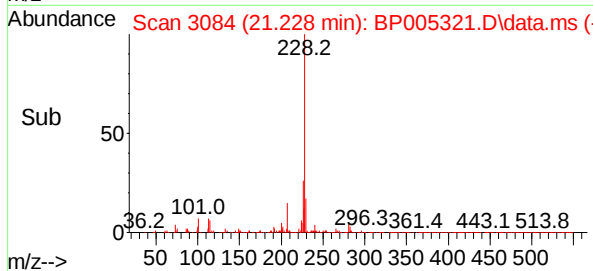
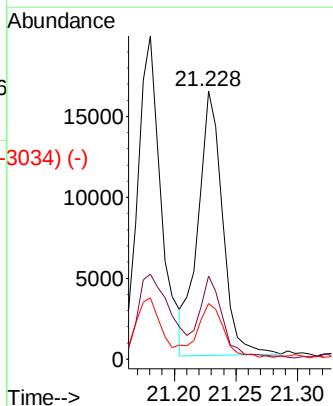
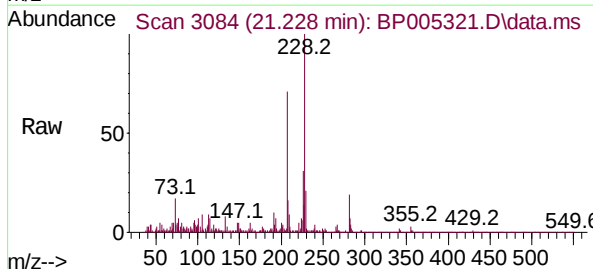
Instrument :
 BNA_P
 ClientSampleId :
 FS-SB19B(19-20)X

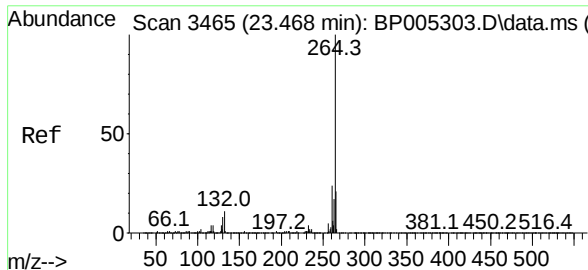
Tgt Ion:	228	Resp:	26828
Ion Ratio	Lower	Upper	
228	100		
226	26.3	21.5	32.3
229	19.0	15.6	23.4



Scan 3085 (21.233 min): BP005303.D\data.ms (-3083) (-)
 Chrysene
 Concen: 2.00 ng
 RT: 21.228 min Scan# 3084
 Delta R.T. -0.006 min
 Lab File: BP005321.D
 Acq: 16 Apr 2021 16:32

Tgt Ion:	228	Resp:	22641
Ion Ratio	Lower	Upper	
228	100		
226	31.0	24.0	36.0
229	20.7	15.6	23.4

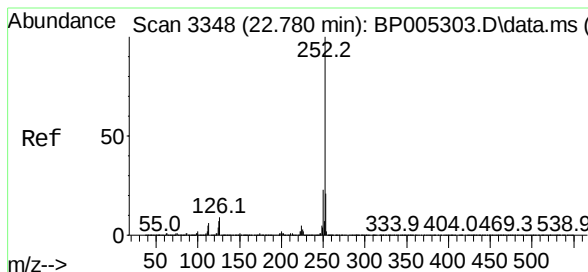
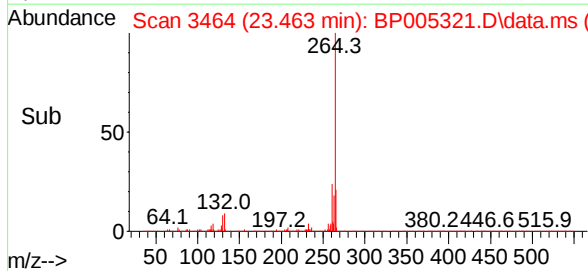
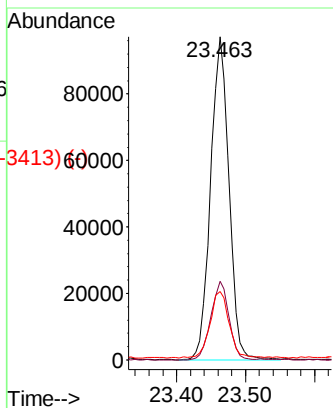
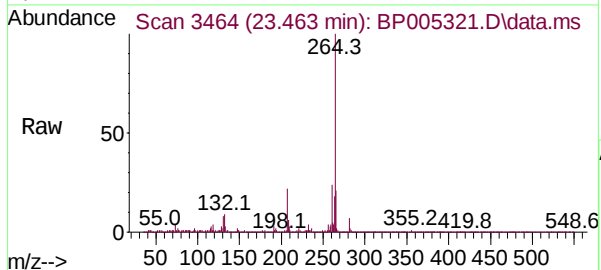




Perylene-d12
 Concen: 20.00 ng
 RT: 23.463 min Scan# 3464
 Delta R.T. 0.000 min
 Lab File: BP005321.D
 Acq: 16 Apr 2021 16:32

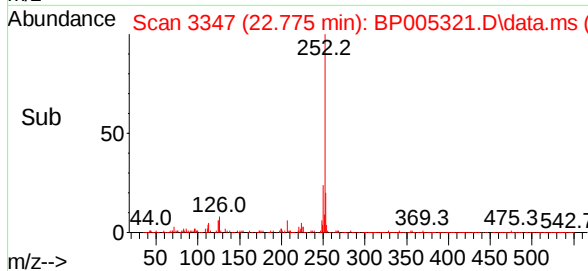
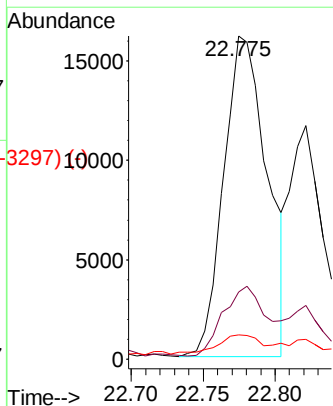
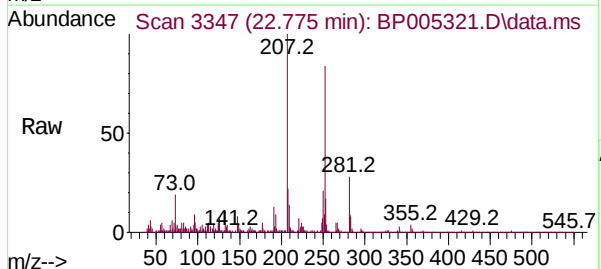
Instrument :
 BNA_P
 ClientSampleId :
 FS-SB19B(19-20)X

Tgt Ion:	264	Resp:	179492
Ion Ratio		Lower	Upper
264	100		
260	24.4	19.0	28.6
265	21.2	17.0	25.6

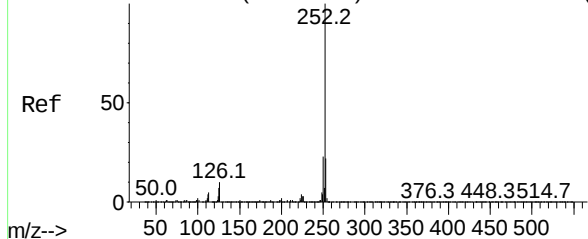


Benzo(b)fluoranthene
 Concen: 2.83 ng
 RT: 22.775 min Scan# 3347
 Delta R.T. -0.006 min
 Lab File: BP005321.D
 Acq: 16 Apr 2021 16:32

Tgt Ion:	252	Resp:	34073
Ion Ratio		Lower	Upper
252	100		
253	20.7	17.1	25.7
125	7.5	5.3	7.9



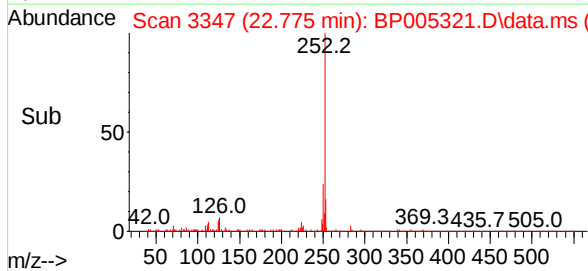
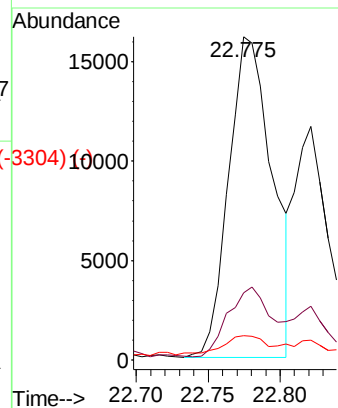
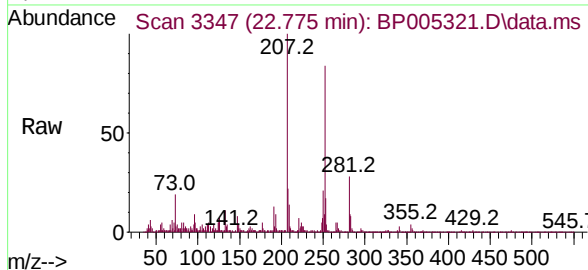
Abundance Scan 3356 (22.827 min): BP005303.D\data.ms (-3356) (-)



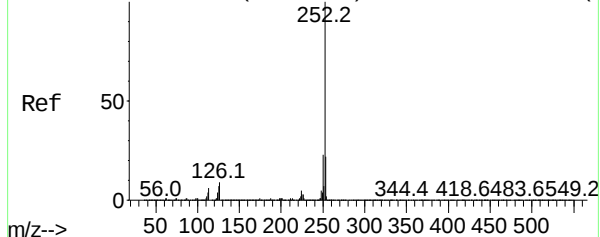
Benzo(k)fluoranthene
Concen: 2.89 ng
RT: 22.775 min Scan# 3347
Delta R.T. -0.047 min
Lab File: BP005321.D
Acq: 16 Apr 2021 16:32

Instrument :
BNA_P
ClientSampleId :
FS-SB19B(19-20)X

Tgt Ion	Ratio	Lower	Upper
252	100		
253	20.7	17.4	26.0
125	7.5	5.4	8.2



Abundance Scan 3448 (23.368 min): BP005303.D\data.ms (-3448) (-)



Benzo(a)pyrene
Concen: 2.35 ng
RT: 23.363 min Scan# 3447
Delta R.T. -0.006 min
Lab File: BP005321.D
Acq: 16 Apr 2021 16:32

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.8	26.6
125	9.1	6.0	9.0#

