

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP041621\
 Data File : BP005319.D
 Acq On : 16 Apr 2021 15:24
 Operator : CG/JU
 Sample : M1998-11
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_P
Client Sampled :
 SB-5B

Quant Time: Apr 16 16:14:37 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

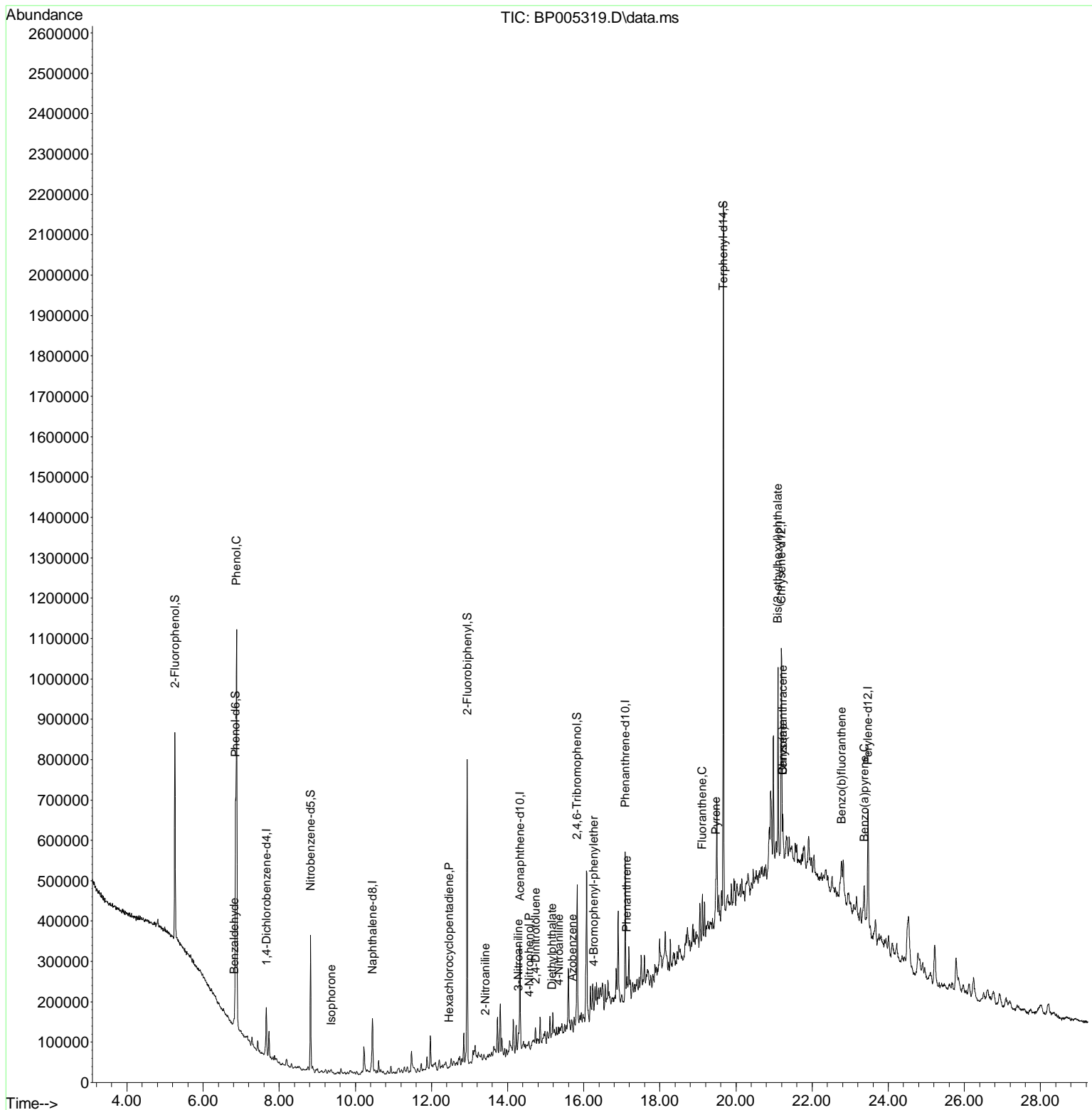
Compound	R.T.	QI on	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.663	152	31251	20.00	ng	0.00
21) Naphthalene-d8	10.452	136	89731	20.00	ng	0.00
39) Acenaphthene-d10	14.328	164	68264	20.00	ng	0.00
64) Phenanthrene-d10	17.092	188	184164	20.00	ng	0.00
76) Chrysene-d12	21.192	240	214317	20.00	ng	0.00
86) Perylene-d12	23.468	264	211467	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.264	112	236934	92.44	ng	0.00
7) Phenol-d6	6.852	99	314007	105.93	ng	0.00
23) Nitrobenzene-d5	8.822	82	184804	63.61	ng	0.00
42) 2,4,6-Tribromophenol	15.828	330	58310	64.26	ng	0.00
45) 2-Fluorobiphenyl	12.940	172	333780	64.95	ng	0.00
79) Terphenyl-d14	19.669	244	726395	66.95	ng	0.00
Target Compounds						
9) Benzaldehyde	6.816	77	5480	3.51	ng	# 82
10) Phenol	6.881	94	503723	169.05	ng	99
25) Isophorone	9.369	82	1759	3.01	ng	# 1
41) Hexachlorocyclopentadiene	12.469	237	13	7.80	ng	# 19
48) 2-Nitroaniline	13.422	65	180	4.17	ng	# 72
53) 3-Nitroaniline	14.281	138	375	3.45	ng	# 30
56) 4-Nitrophenol	14.563	139	271	6.28	ng	# 1
57) 2,4-Dinitrotoluene	14.734	165	649	3.76	ng	# 51
60) Diethyl phthalate	15.163	149	1198	4.35	ng	# 69
62) 4-Nitroaniline	15.345	138	390	4.27	ng	# 87
63) Azobenzene	15.704	77	1369	2.09	ng	# 52
67) 4-Bromophenyl-phenyl ether	16.269	248	69	3.48	ng	# 1
71) Phenanthrene	17.134	178	25438	2.31	ng	# 94
75) Fluoranthene	19.116	202	57305	4.43	ng	95
78) Pyrene	19.469	202	67129	5.49	ng	97
81) Benzo(a)anthracene	21.233	228	49102	3.59	ng	93
83) Chrysene	21.233	228	49102	3.63	ng	97
84) Bis(2-ethylhexyl)phthalate	21.104	149	122557	25.05	ng	100
88) Benzo(b)fluoranthene	22.780	252	54392	3.84	ng	# 87
90) Benzo(a)pyrene	23.368	252	40645	3.13	ng	# 89

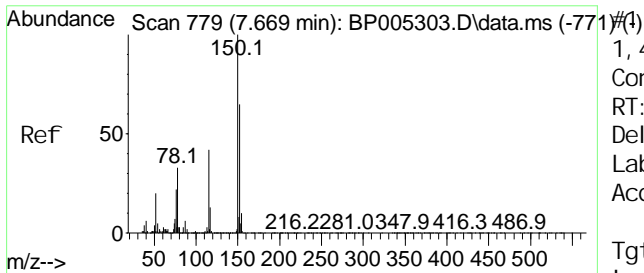
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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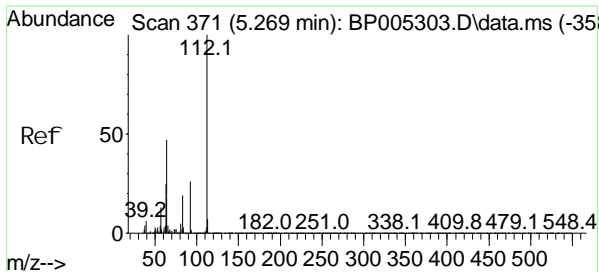
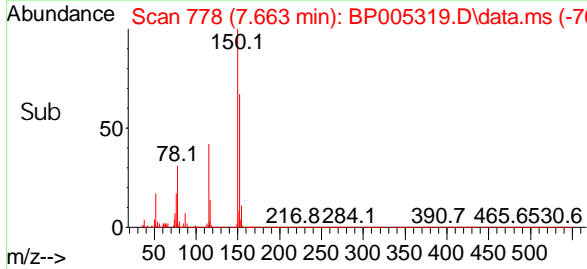
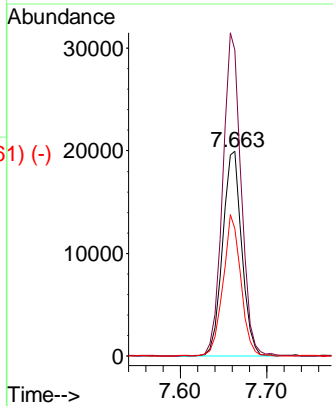
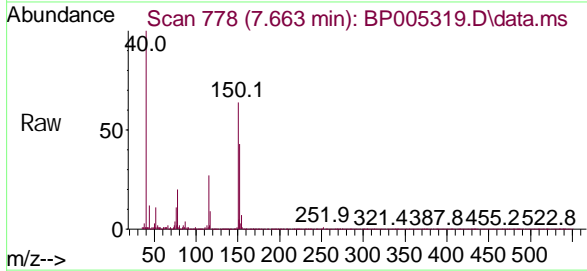




1, 4-Di chl orobenzene-d4
 Concen: 20.00 ng
 RT: 7.663 mi n Scan# 778
 Del ta R. T. 0.000 mi n
 Lab Fi le: BP005319. D
 Acq: 16 Apr 2021 15: 24

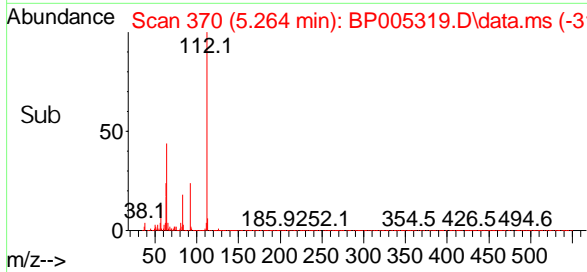
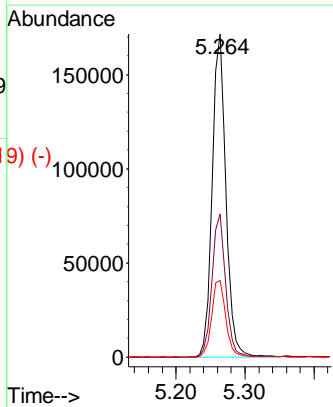
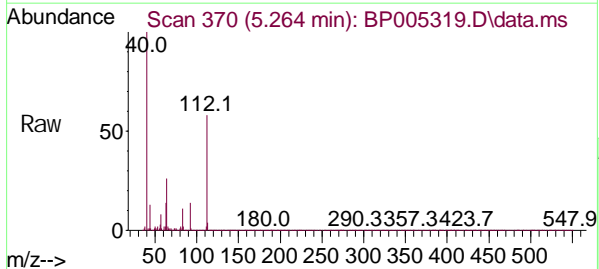
Instrument :
 BNA_P
ClientSampled :
 SB-5B

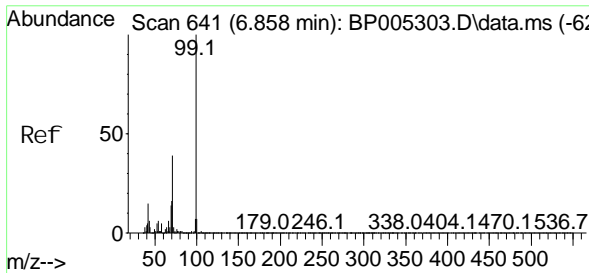
Tgt Ion	Resp	Lower	Upper
152	31251		
152	100		
150	149.7	122.9	184.3
115	62.3	52.2	78.2



2-Fl uorophenol
 Concen: 92.44 ng
 RT: 5.264 mi n Scan# 370
 Del ta R. T. 0.000 mi n
 Lab Fi le: BP005319. D
 Acq: 16 Apr 2021 15: 24

Tgt Ion	Resp	Lower	Upper
112	236934		
112	100		
64	44.3	37.6	56.4
63	23.8	20.4	30.6

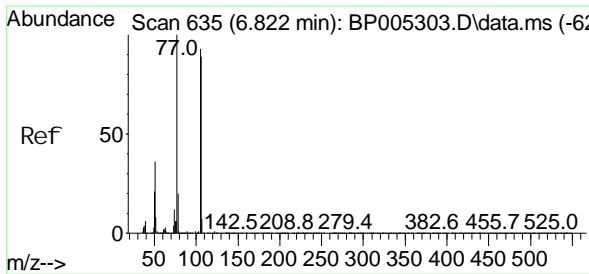
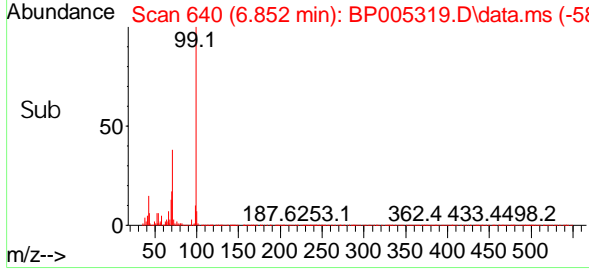
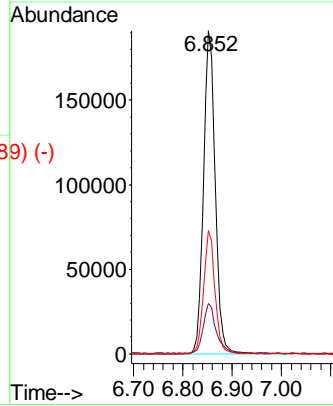
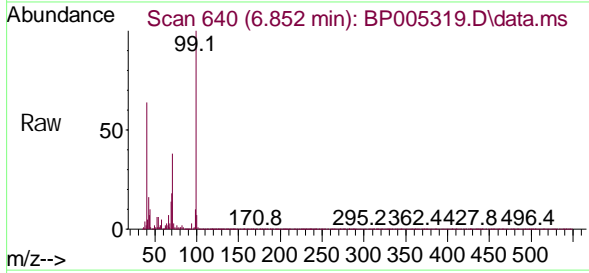




Phenol -d6
 Concen: 105.93 ng
 RT: 6.852 min Scan# 640
 Delta R.T. 0.000 min
 Lab File: BP005319.D
 Acq: 16 Apr 2021 15:24

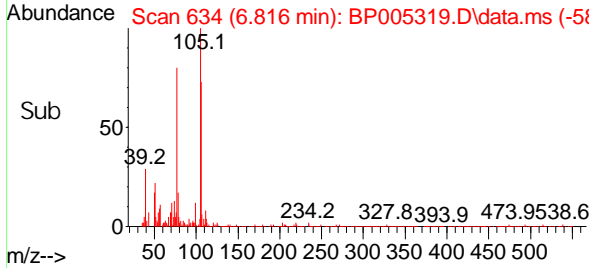
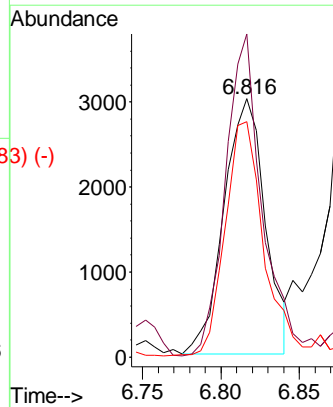
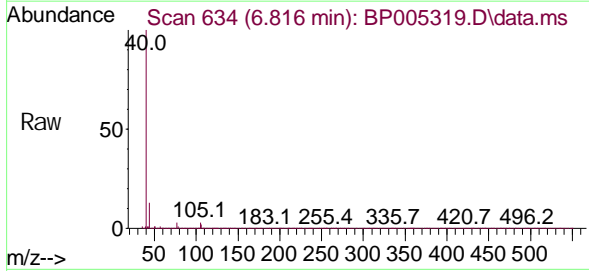
Instrument :
 BNA_P
Client Sampled :
 SB-5B

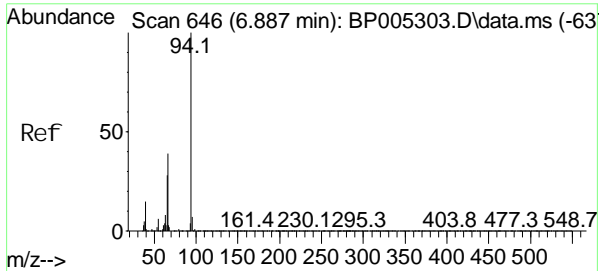
Tgt Ion	Resp	Lower	Upper
99	314007		
42	15.7	12.0	18.0
71	38.2	31.4	47.2



Benzaldehyde
 Concen: 3.51 ng
 RT: 6.816 min Scan# 634
 Delta R.T. 0.000 min
 Lab File: BP005319.D
 Acq: 16 Apr 2021 15:24

Tgt Ion	Resp	Lower	Upper
77	5480		
105	125.0	73.2	113.2#
106	91.2	69.1	109.1

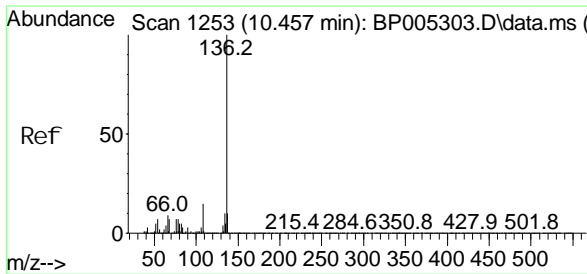
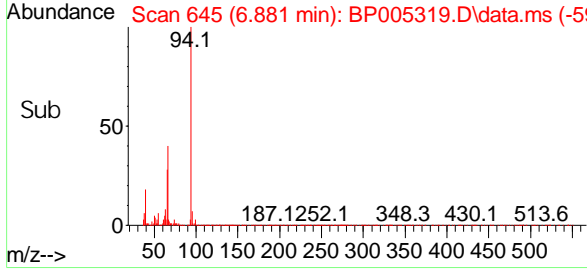
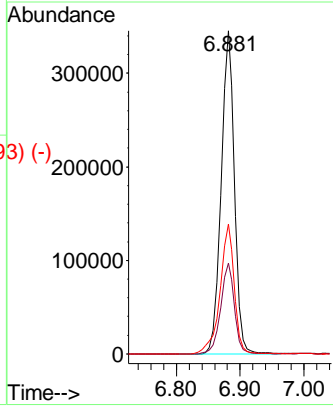
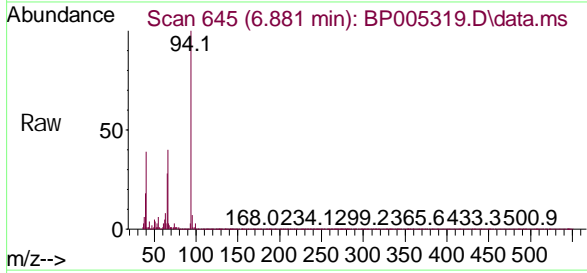




Phenol
 Concen: 169.05 ng
 RT: 6.881 min Scan# 645
 Delta R.T. 0.006 min
 Lab File: BP005319.D
 Acq: 16 Apr 2021 15:24

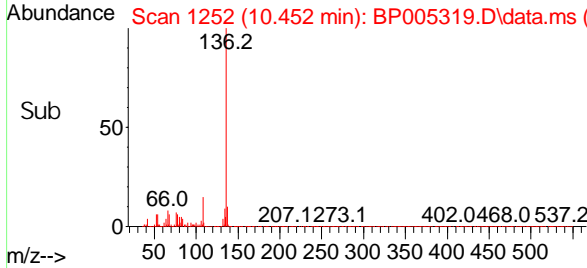
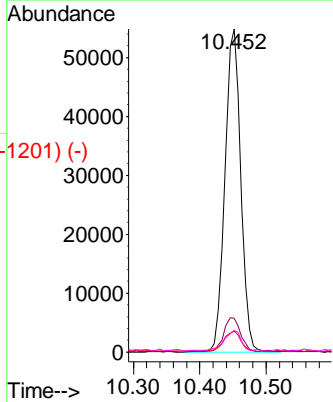
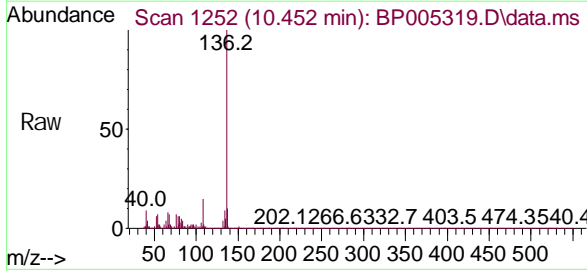
Instrument :
 BNA_P
ClientSampled :
 SB-5B

Tgt Ion	Resp	Lower	Upper
94	503723		
65	28.1	8.3	48.3
66	40.2	19.4	59.4

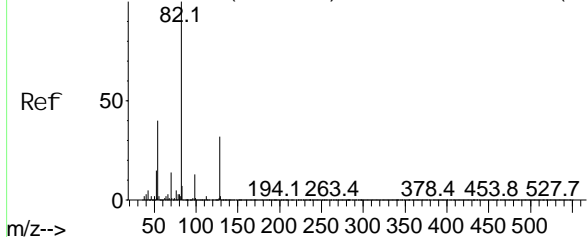


Naphthalene-d8
 Concen: 20.00 ng
 RT: 10.452 min Scan# 1252
 Delta R.T. 0.000 min
 Lab File: BP005319.D
 Acq: 16 Apr 2021 15:24

Tgt Ion	Resp	Lower	Upper
136	89731		
137	10.4	8.4	12.6
54	6.6	5.8	8.8
68	6.7	5.2	7.8



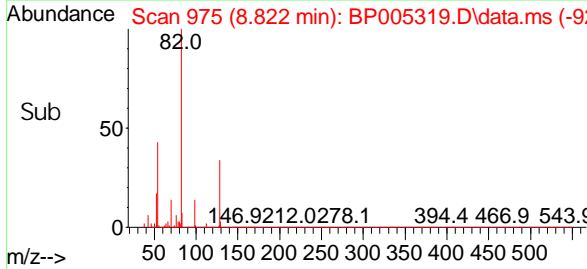
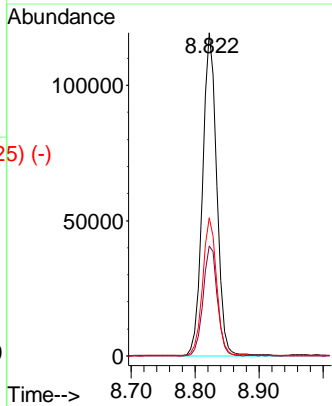
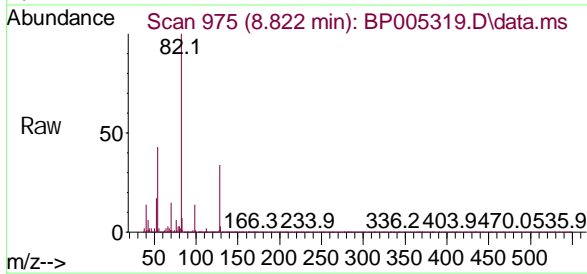
Abundance Scan 977 (8.834 min): BP005303.D\data.ms (-968) #23



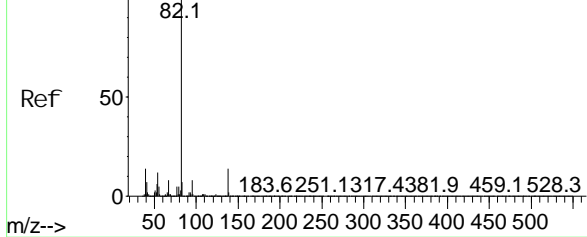
Nitrobenzene-d5
Concen: 63.61 ng
RT: 8.822 min Scan# 975
Delta R.T. -0.006 min
Lab File: BP005319.D
Acq: 16 Apr 2021 15:24

Instrument :
BNA_P
ClientSampled :
SB-5B

Tgt Ion	Resp	Lower	Upper
82	184804		
128	34.0	25.3	37.9
54	42.9	31.7	47.5

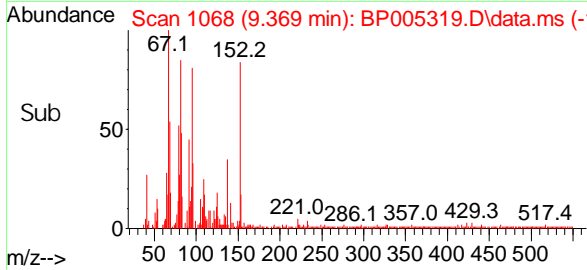
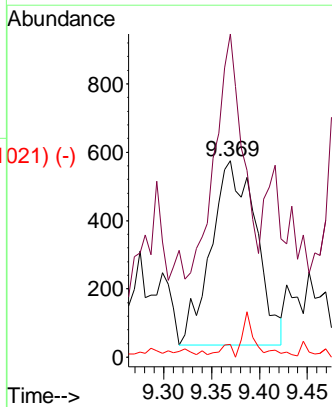
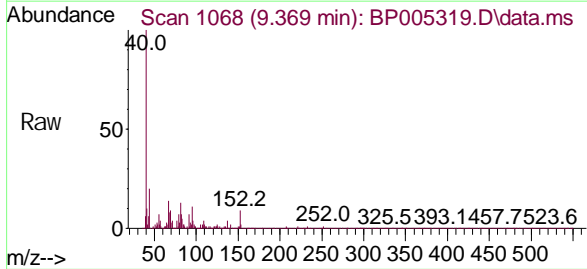


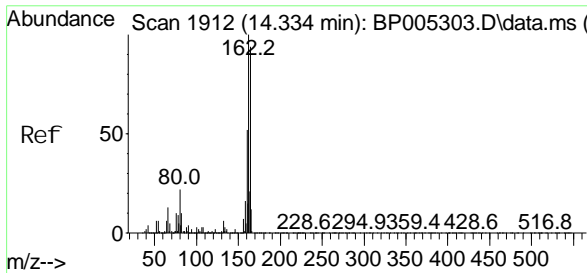
Abundance Scan 1073 (9.399 min): BP005303.D\data.ms (-1068) #25



Isophorone
Concen: 3.01 ng
RT: 9.369 min Scan# 1068
Delta R.T. -0.023 min
Lab File: BP005319.D
Acq: 16 Apr 2021 15:24

Tgt Ion	Resp	Lower	Upper
82	1759		
95	164.5	6.6	10.0#
138	6.6	11.0	16.6#

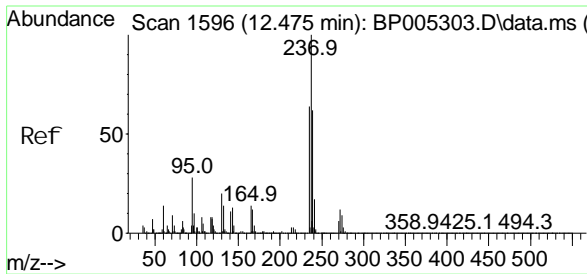
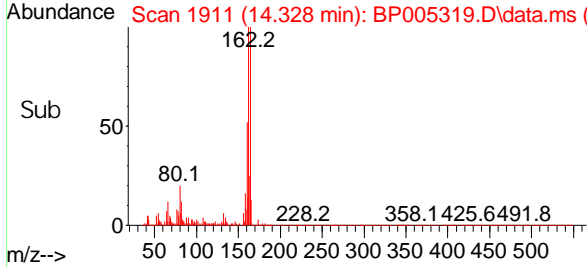
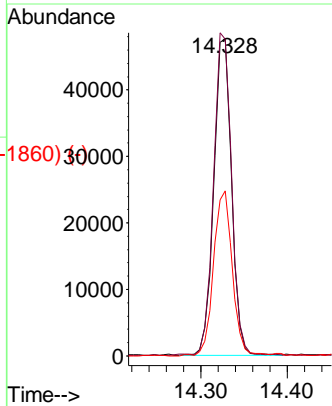
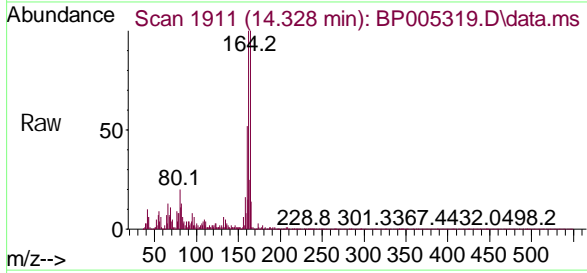




#39 (-)
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.328 min Scan# 1911
 Delta R.T. 0.000 min
 Lab File: BP005319.D
 Acq: 16 Apr 2021 15:24

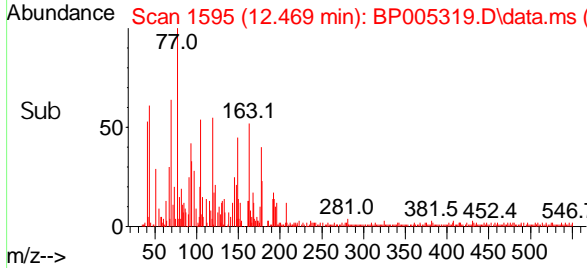
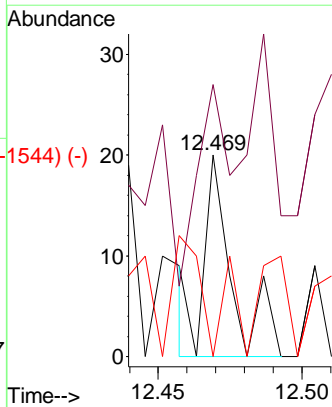
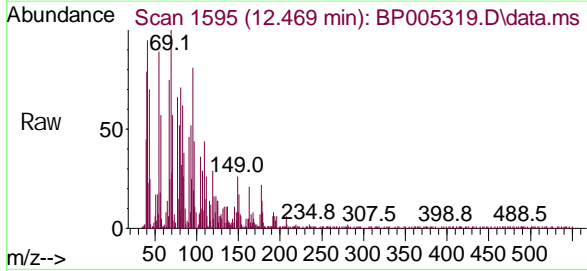
Instrument :
 BNA_P
ClientSampled :
 SB-5B

Tgt Ion	Resp	Lower	Upper
164	100		
162	99.7	84.8	127.2
160	51.9	44.2	66.4

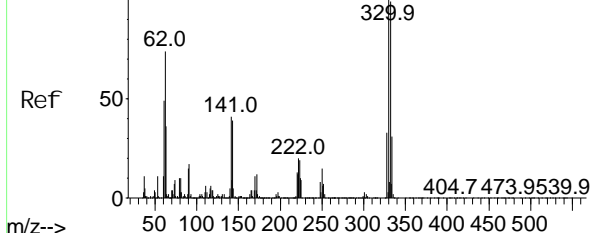


#61 (-)
 Hexachlorocyclopentadiene
 Concen: 7.80 ng
 RT: 12.469 min Scan# 1595
 Delta R.T. 0.000 min
 Lab File: BP005319.D
 Acq: 16 Apr 2021 15:24

Tgt Ion	Resp	Lower	Upper
237	100		
235	135.0	44.0	84.0#
272	0.0	0.0	31.7



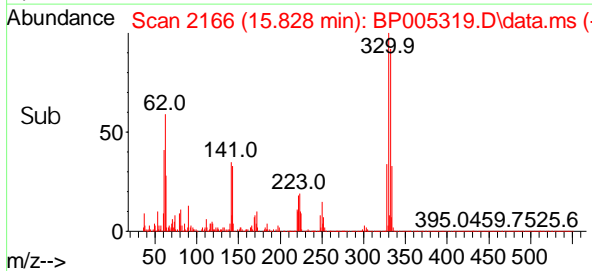
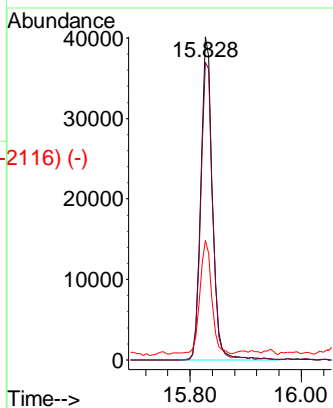
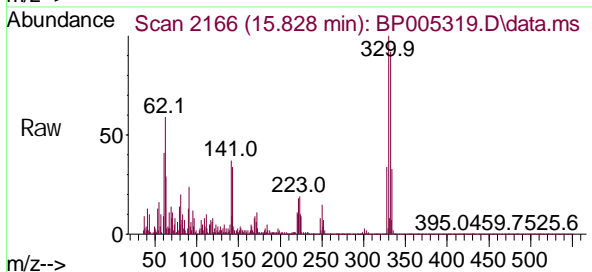
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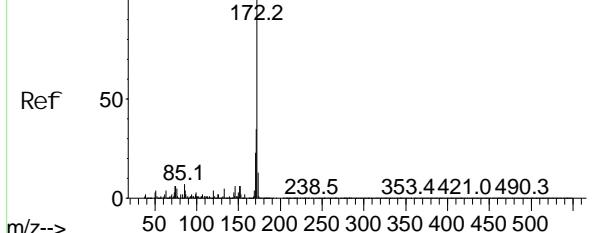
2, 4, 6-Tri bromophenol
Concen: 64.26 ng
RT: 15.828 min Scan# 2166
Delta R. T. -0.006 min
Lab File: BP005319.D
Acq: 16 Apr 2021 15:24

Instrument :
BNA_P
ClientSampled :
SB-5B

Tgt Ion	Resp	Lower	Upper
330	100		
332	93.9	78.6	118.0
141	35.2	31.6	47.4

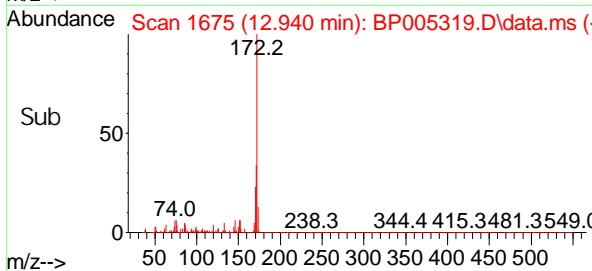
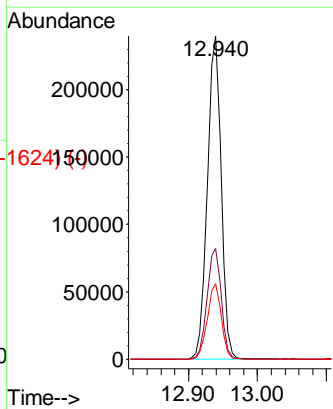
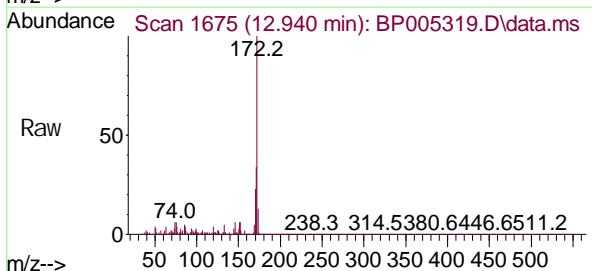


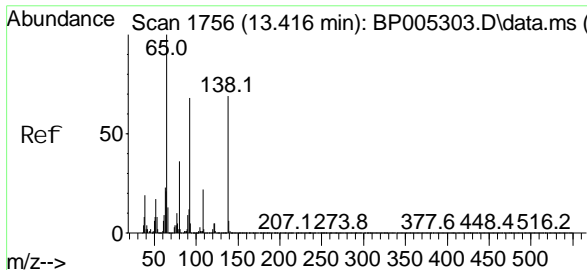
Abundance Scan 1676 (12.945 min): BP005303.D\data.ms (-1676) (-)



2-Fluorophenyl
Concen: 64.95 ng
RT: 12.940 min Scan# 1675
Delta R. T. 0.000 min
Lab File: BP005319.D
Acq: 16 Apr 2021 15:24

Tgt Ion	Resp	Lower	Upper
172	100		
171	34.3	27.8	41.8
170	23.4	18.7	28.1

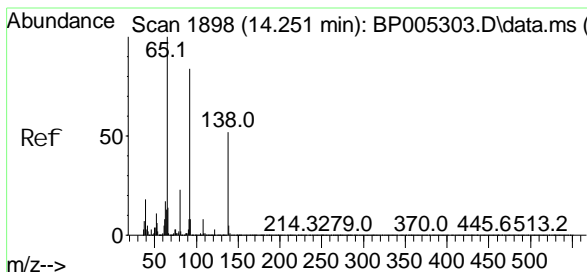
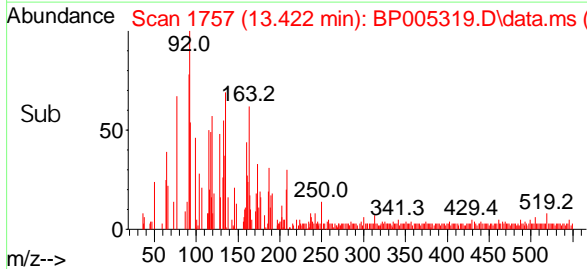
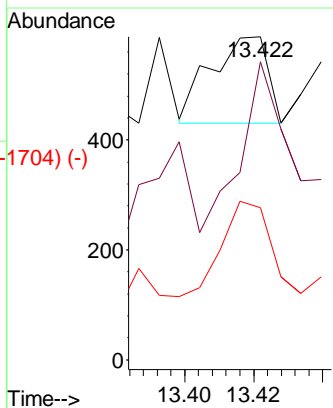
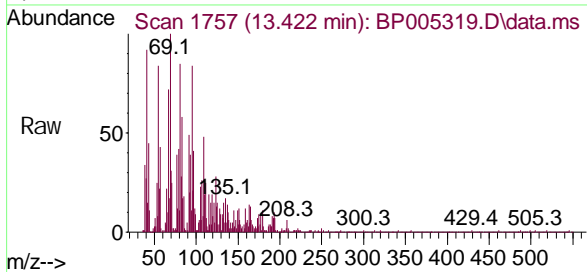




Scan 1756 (13.416 min): BP005303.D\data.ms (-1748) (-)
 2-Nitroaniline
 Concen: 4.17 ng
 RT: 13.422 min Scan# 1757
 Delta R.T. 0.012 min
 Lab File: BP005319.D
 Acq: 16 Apr 2021 15:24

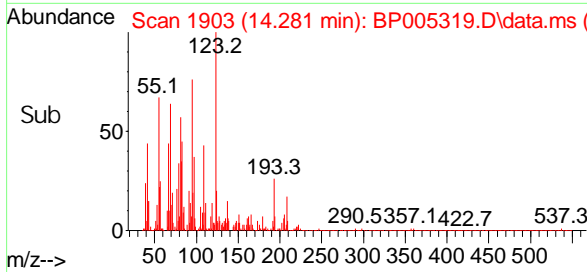
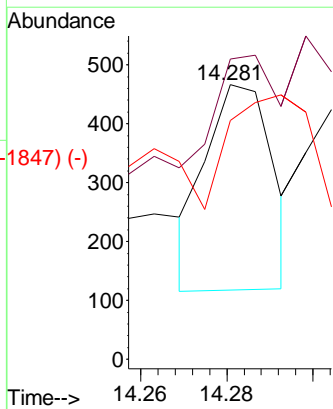
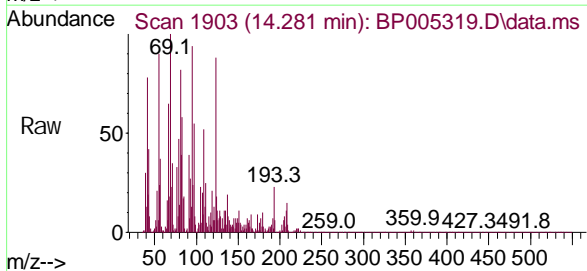
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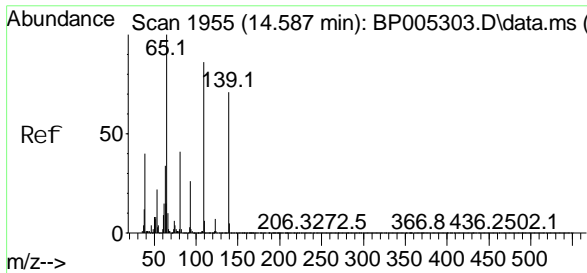
Tgt Ion	Resp	Lower	Upper
65	100		
92	92.3	54.6	82.0#
138	47.1	55.4	83.0#



Scan 1898 (14.251 min): BP005303.D\data.ms (-1853) (-)
 3-Nitroaniline
 Concen: 3.45 ng
 RT: 14.281 min Scan# 1903
 Delta R.T. 0.030 min
 Lab File: BP005319.D
 Acq: 16 Apr 2021 15:24

Tgt Ion	Resp	Lower	Upper
138	100		
108	109.2	11.8	17.8#
92	86.9	129.0	193.4#



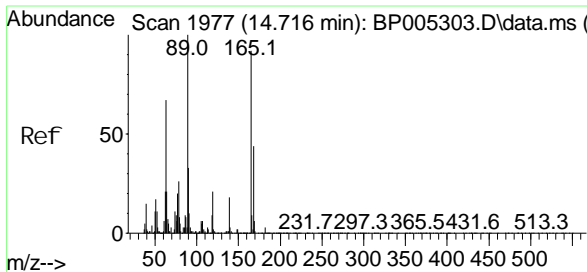
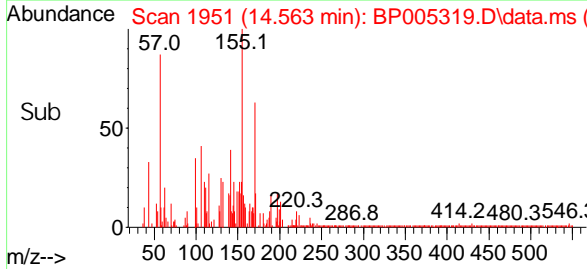
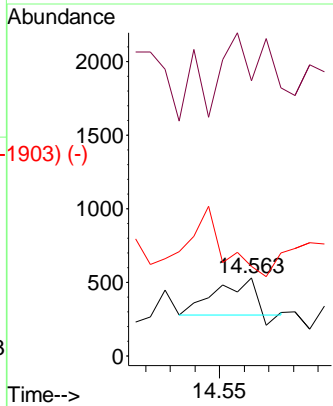
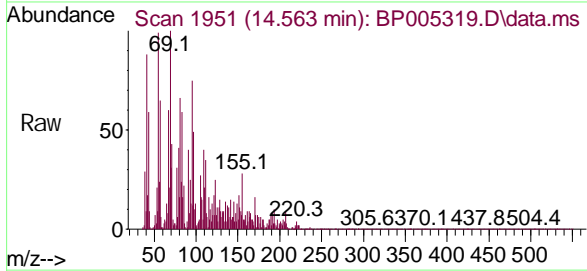


#55 (-)
 4-Nitrophenol
 Concen: 6.28 ng
 RT: 14.563 min Scan# 1951
 Delta R.T. -0.018 min
 Lab File: BP005319.D
 Acq: 16 Apr 2021 15:24

Instrument :
 BNA_P
Client Sampled :
 SB-5B

Tgt Ion: 139 Resp: 271

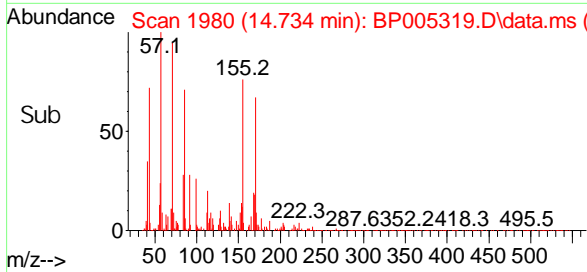
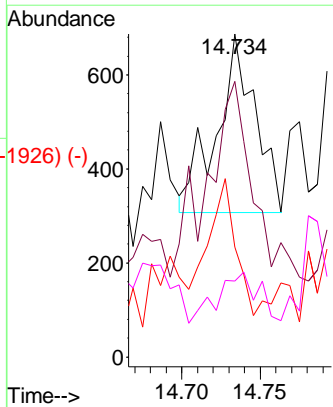
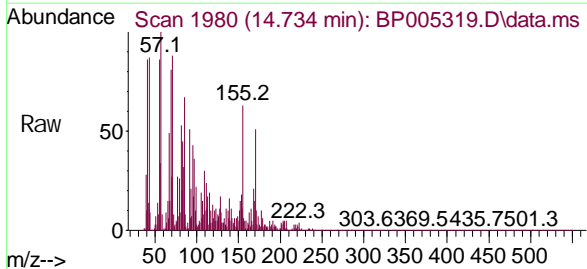
Ion	Ratio	Lower	Upper
139	100		
109	353.5	101.8	141.8#
65	115.1	121.3	161.3#

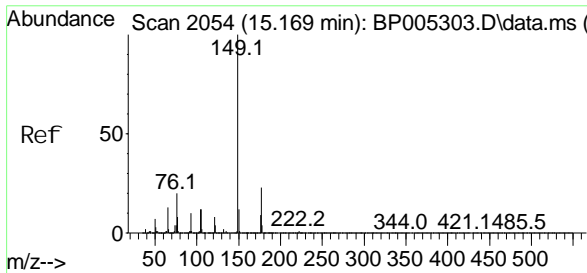


#59 (-)
 2,4-Dinitrotoluene
 Concen: 3.76 ng
 RT: 14.734 min Scan# 1980
 Delta R.T. 0.018 min
 Lab File: BP005319.D
 Acq: 16 Apr 2021 15:24

Tgt Ion: 165 Resp: 649

Ion	Ratio	Lower	Upper
165	100		
63	85.3	58.3	87.5
89	34.1	87.0	130.4#
182	23.6	2.6	4.0#

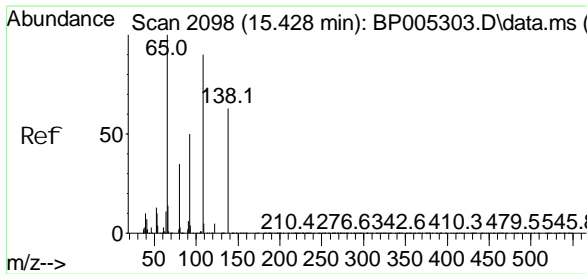
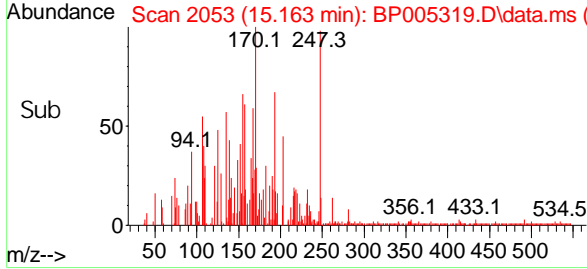
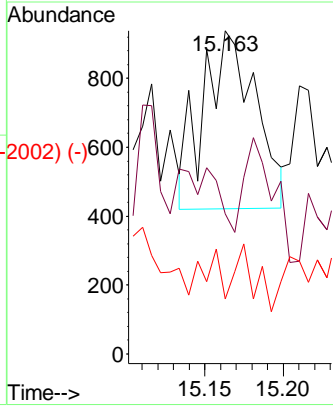
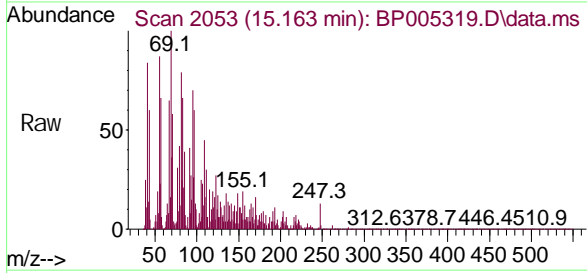




#46 (-)
 Di ethyl phthal ate
 Concen: 4.35 ng
 RT: 15.163 min Scan# 2053
 Del ta R. T. 0.000 min
 Lab Fi le: BP005319.D
 Acq: 16 Apr 2021 15:24

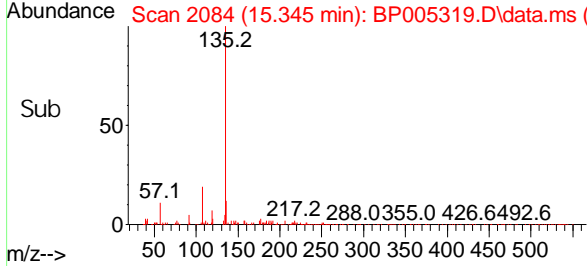
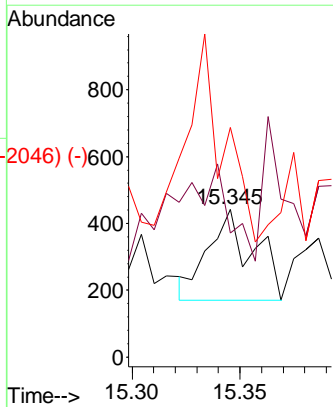
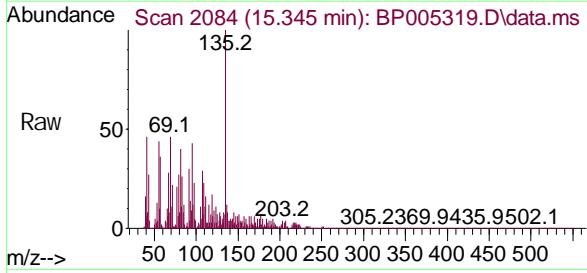
Instrument :
 BNA_P
ClientSampled :
 SB-5B

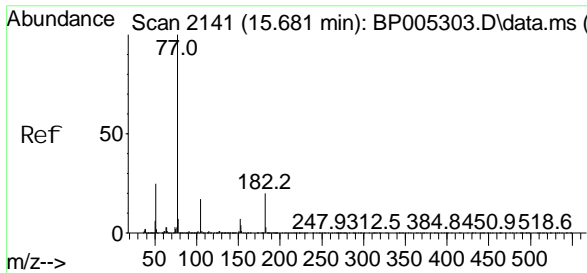
Tgt Ion	Resp	Lower	Upper
149	100		
177	43.4	18.6	27.8#
150	17.1	9.8	14.8#



#49 (-)
 4-Ni troani line
 Concen: 4.27 ng
 RT: 15.345 min Scan# 2084
 Del ta R. T. -0.076 min
 Lab Fi le: BP005319.D
 Acq: 16 Apr 2021 15:24

Tgt Ion	Resp	Lower	Upper
138	100		
92	83.7	57.0	97.0
108	155.3	115.8	155.8

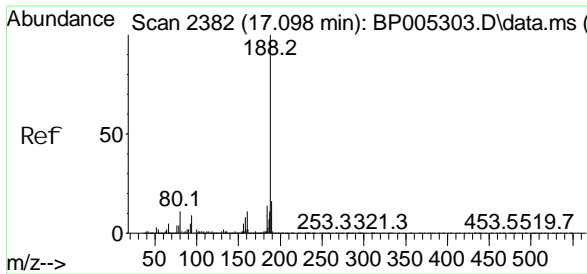
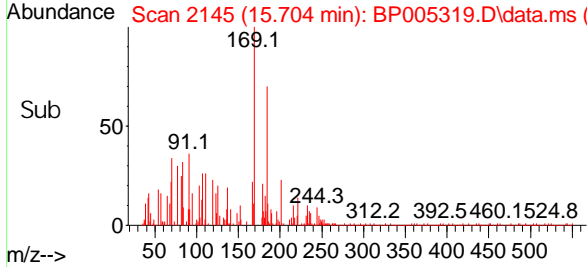
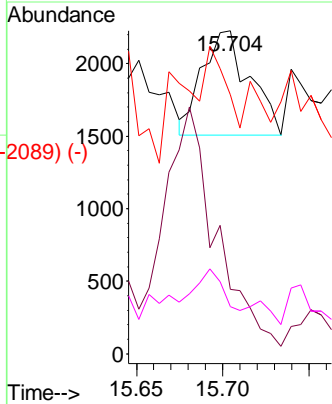
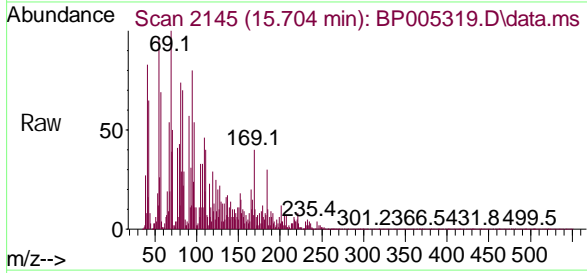




#68 (-)
 Azobenzene
 Concen: 2.09 ng
 RT: 15.704 min Scan# 2145
 Delta R.T. 0.029 min
 Lab File: BP005319.D
 Acq: 16 Apr 2021 15:24

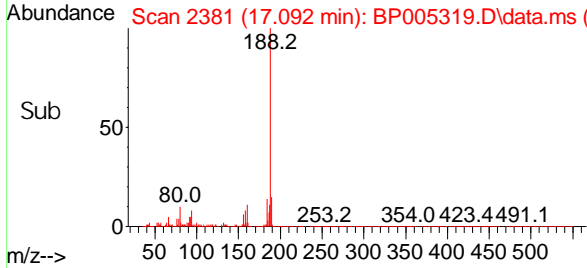
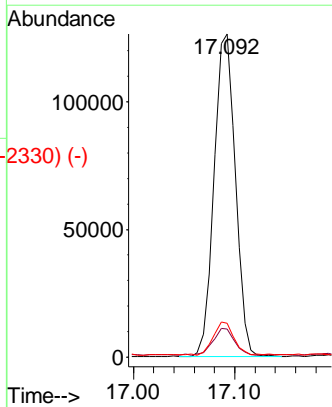
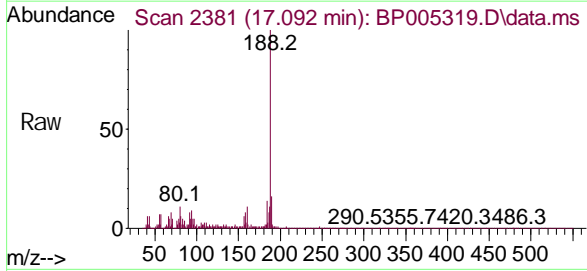
Instrument :
 BNA_P
Client Sampled :
 SB-5B

Tgt Ion	Resp	Lower	Upper
77	1369		
182	19.9	0.4	40.4
105	80.1	0.0	36.9#
51	14.6	5.3	45.3

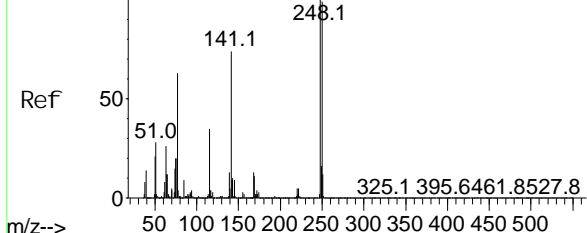


#69 (-)
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 17.092 min Scan# 2381
 Delta R.T. 0.000 min
 Lab File: BP005319.D
 Acq: 16 Apr 2021 15:24

Tgt Ion	Resp	Lower	Upper
188	184164		
94	8.8	7.0	10.6
80	10.6	8.4	12.6



Abundance Scan 2244 (16.286 min): BP005303.D\data.ms (-2365) (-)



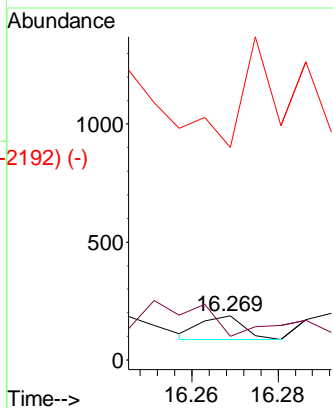
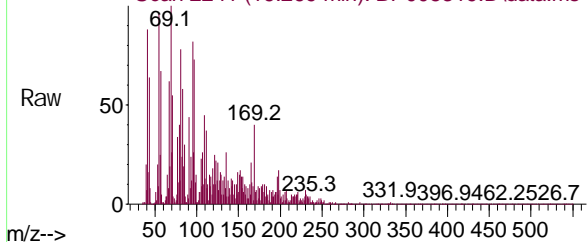
4-Bromophenyl -phenyl ether
Concen: 3.48 ng
RT: 16.269 min Scan# 2241
Delta R.T. -0.012 min
Lab File: BP005319.D
Acq: 16 Apr 2021 15:24

Instrument :
BNA_P
Client Sampled :
SB-5B

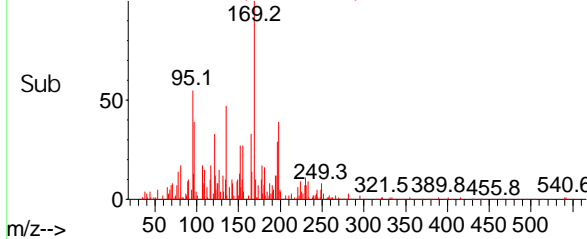
Tgt Ion: 248 Resp: 69

Ion	Ratio	Lower	Upper
248	100		
250	53.2	79.0	118.6#
141	483.9	59.0	88.4#

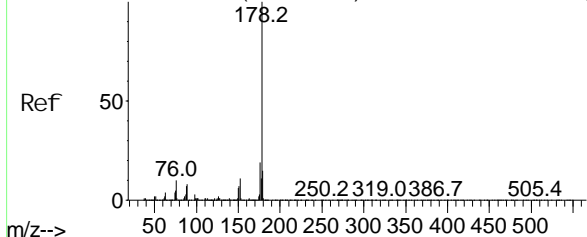
Abundance Scan 2241 (16.269 min): BP005319.D\data.ms



Abundance Scan 2241 (16.269 min): BP005319.D\data.ms (-2192) (-)



Abundance Scan 2389 (17.139 min): BP005303.D\data.ms (-2378) (-)

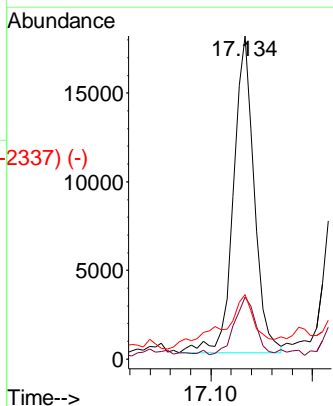
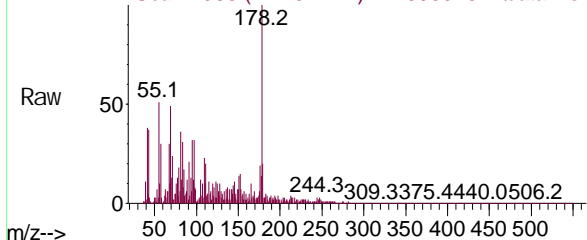


Phenanthrene
Concen: 2.31 ng
RT: 17.134 min Scan# 2388
Delta R.T. 0.000 min
Lab File: BP005319.D
Acq: 16 Apr 2021 15:24

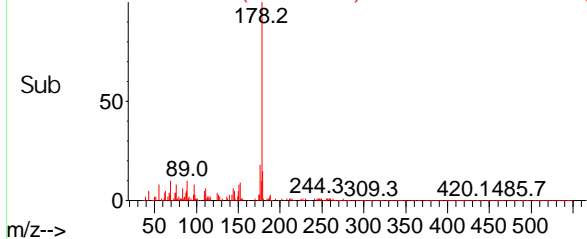
Tgt Ion: 178 Resp: 25438

Ion	Ratio	Lower	Upper
178	100		
176	19.3	14.9	22.3
179	19.9	11.8	17.6#

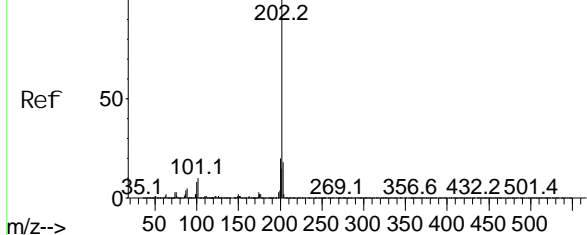
Abundance Scan 2388 (17.134 min): BP005319.D\data.ms



Abundance Scan 2388 (17.134 min): BP005319.D\data.ms (-2337) (-)



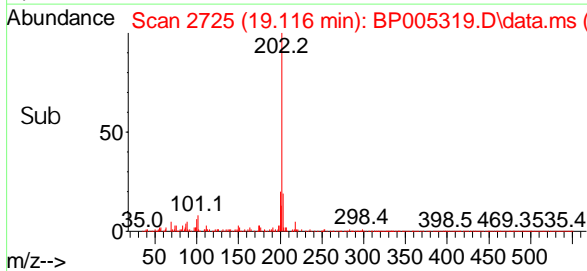
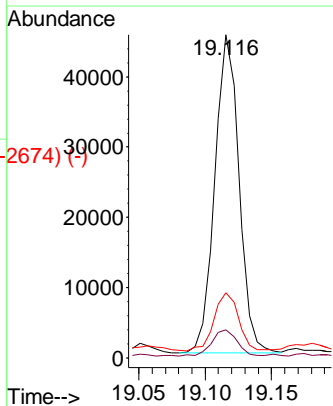
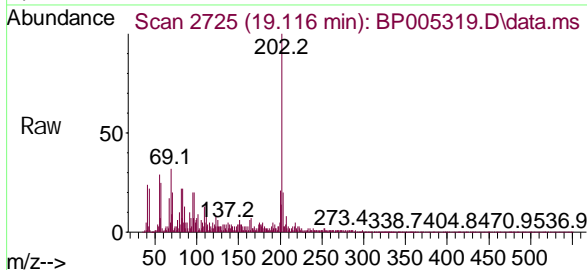
Abundance Scan 2726 (19.122 min): BP005303.D\data.ms (-2726) (-)



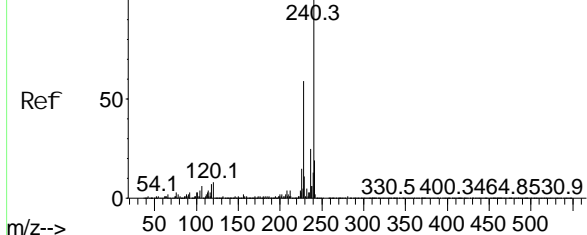
Fluoranthene
Concen: 4.43 ng
RT: 19.116 min Scan# 2725
Delta R.T. 0.000 min
Lab File: BP005319.D
Acq: 16 Apr 2021 15:24

Instrument :
BNA_P
Client Sampled :
SB-5B

Tgt Ion	Ratio	Lower	Upper
202	100		
101	8.7	0.0	29.6
203	20.1	0.0	37.6

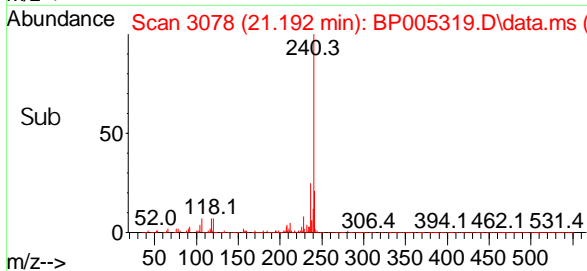
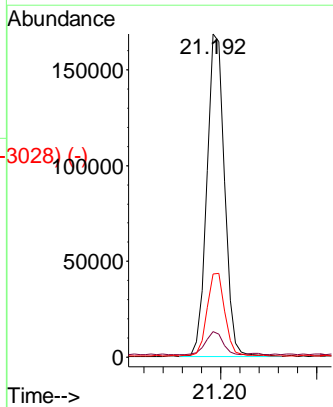
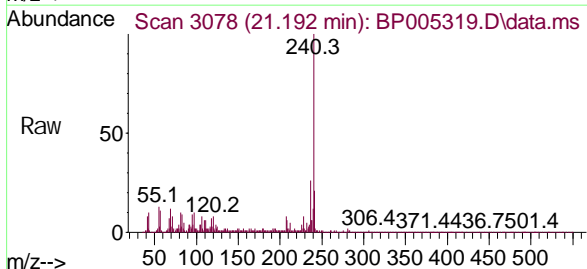


Abundance Scan 3079 (21.198 min): BP005303.D\data.ms (-3079) (-)

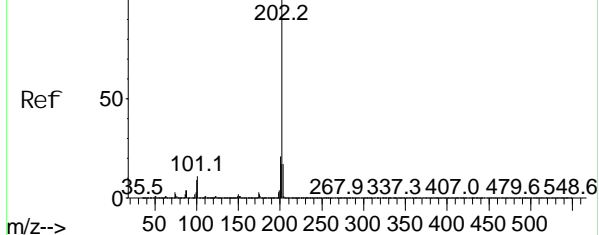


Chrysene-d12
Concen: 20.00 ng
RT: 21.192 min Scan# 3078
Delta R.T. -0.006 min
Lab File: BP005319.D
Acq: 16 Apr 2021 15:24

Tgt Ion	Ratio	Lower	Upper
240	100		
120	7.9	6.5	9.7
236	25.6	19.8	29.6



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



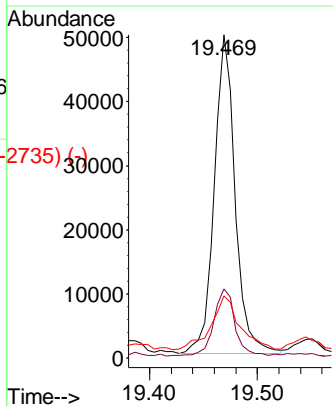
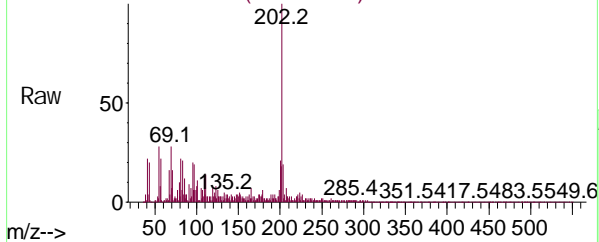
Pyrene
Concen: 5.49 ng
RT: 19.469 min Scan# 2785
Delta R.T. -0.006 min
Lab File: BP005319.D
Acq: 16 Apr 2021 15:24

Tgt Ion: 202 Resp: 67129

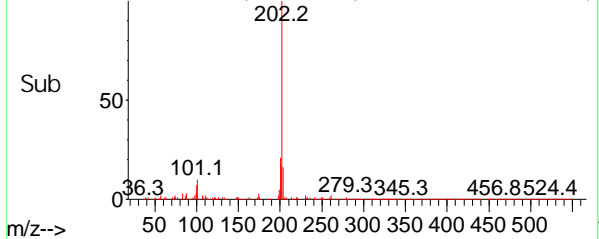
Ion	Ratio	Lower	Upper
202	100		
200	21.4	16.5	24.7
203	19.1	13.9	20.9

Instrument :
BNA_P
ClientSampled :
SB-5B

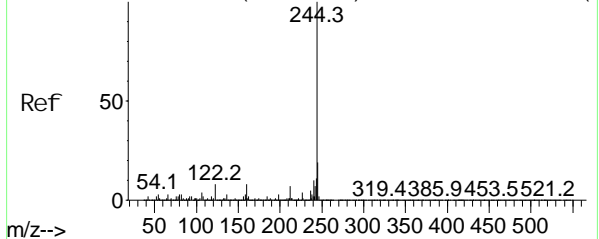
Abundance Scan 2785 (19.469 min): BP005319.D\data.ms



Abundance Scan 2785 (19.469 min): BP005319.D\data.ms (-2735) (-)



Abundance Scan 2820 (19.674 min): BP005303.D\data.ms (-2810) (-)

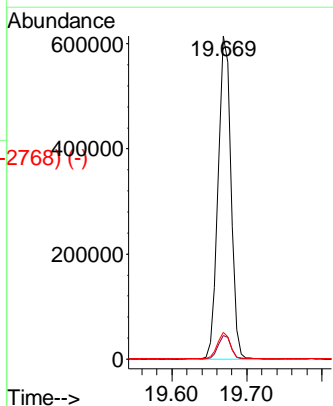
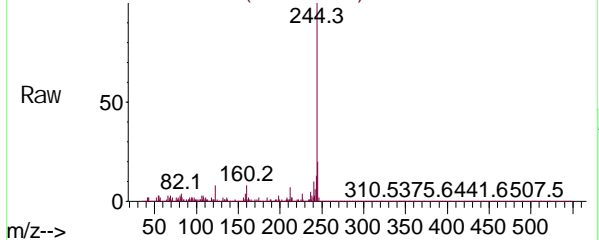


Terphenyl -d14
Concen: 66.95 ng
RT: 19.669 min Scan# 2819
Delta R.T. 0.000 min
Lab File: BP005319.D
Acq: 16 Apr 2021 15:24

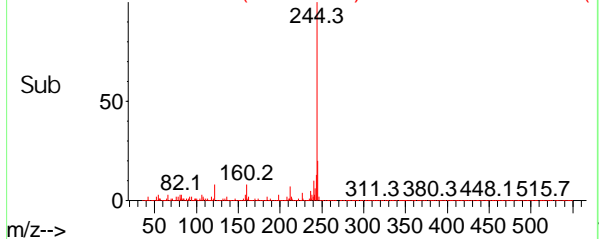
Tgt Ion: 244 Resp: 726395

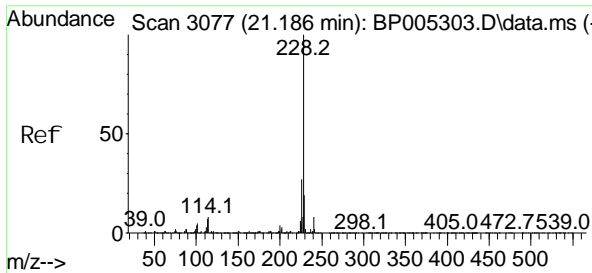
Ion	Ratio	Lower	Upper
244	100		
212	7.3	5.8	8.6
122	8.3	6.7	10.1

Abundance Scan 2819 (19.669 min): BP005319.D\data.ms



Abundance Scan 2819 (19.669 min): BP005319.D\data.ms (-2768) (-)

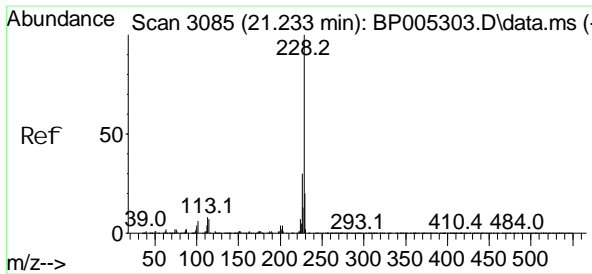
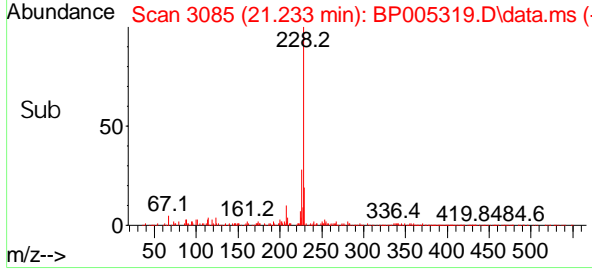
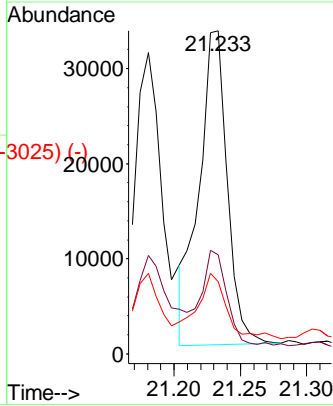
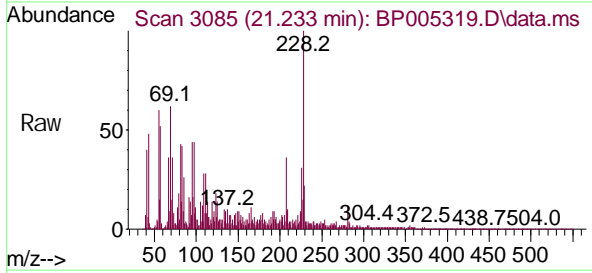




#89 (-)
 Benzo(a)anthracene
 Concen: 3.59 ng
 RT: 21.233 min Scan# 3085
 Delta R.T. 0.053 min
 Lab File: BP005319.D
 Acq: 16 Apr 2021 15:24

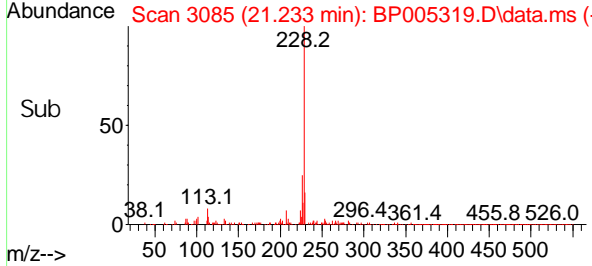
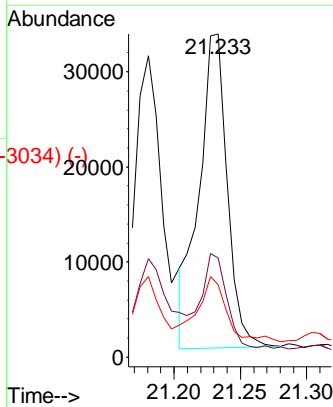
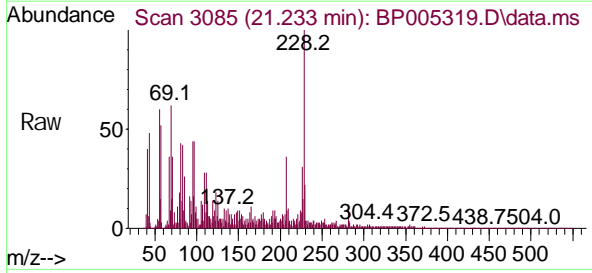
Instrument :
 BNA_P
Client Sampled :
 SB-5B

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.6	21.5	32.3
229	22.4	15.6	23.4

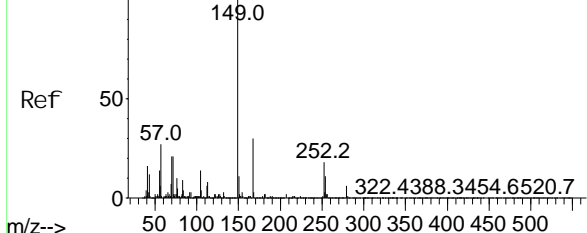


#89 (-)
 Chrysene
 Concen: 3.63 ng
 RT: 21.233 min Scan# 3085
 Delta R.T. 0.000 min
 Lab File: BP005319.D
 Acq: 16 Apr 2021 15:24

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.6	24.0	36.0
229	22.4	15.6	23.4



Abundance Scan 3064 (21.110 min): BP005303.D\data.ms (-3057) (-)

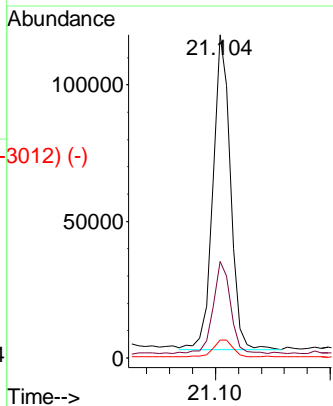
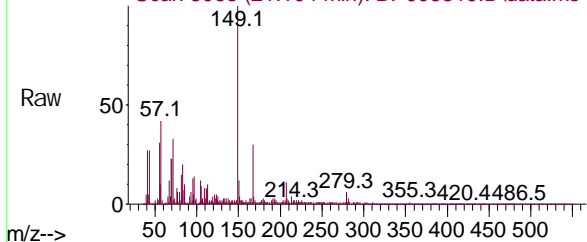


Bi s(2-ethyl hexyl)phthal ate
Concen: 25.05 ng
RT: 21.104 mi n Scan# 3063
Del ta R. T. 0.000 mi n
Lab Fi le: BP005319. D
Acq: 16 Apr 2021 15:24

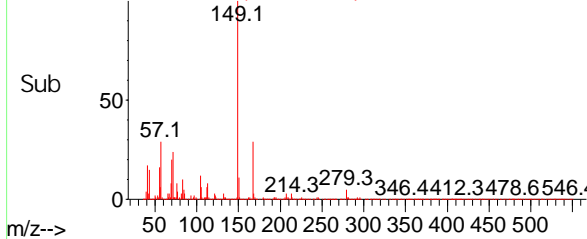
Instrument :
BNA_P
ClientSampled :
SB-5B

Tgt Ion: 149 Resp: 122557
Ion Ratio Lower Upper
149 100
167 29.9 23.8 35.8
279 5.5 4.6 6.8

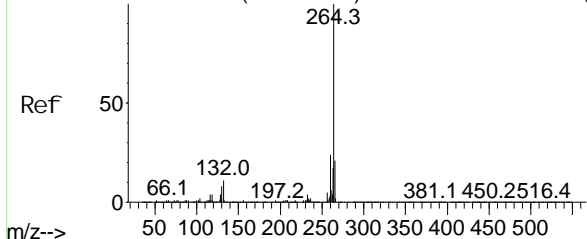
Abundance Scan 3063 (21.104 min): BP005319.D\data.ms



Abundance Scan 3063 (21.104 min): BP005319.D\data.ms (-3012) (-)



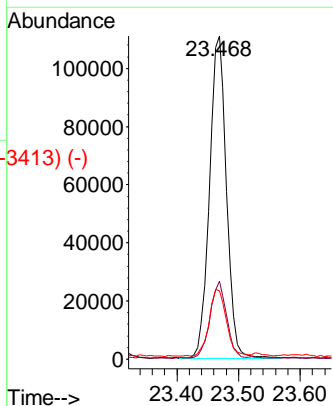
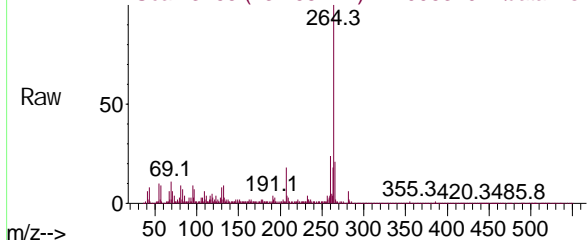
Abundance Scan 3465 (23.468 min): BP005303.D\data.ms (-3436) (-)



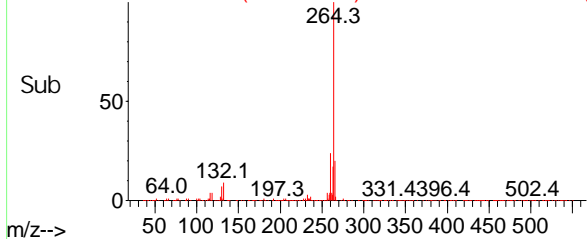
Peryl ene-d12
Concen: 20.00 ng
RT: 23.468 mi n Scan# 3465
Del ta R. T. 0.006 mi n
Lab Fi le: BP005319. D
Acq: 16 Apr 2021 15:24

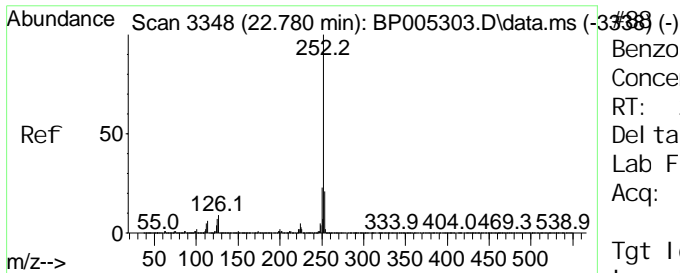
Tgt Ion: 264 Resp: 211467
Ion Ratio Lower Upper
264 100
260 24.2 19.0 28.6
265 21.1 17.0 25.6

Abundance Scan 3465 (23.468 min): BP005319.D\data.ms



Abundance Scan 3465 (23.468 min): BP005319.D\data.ms (-3413) (-)

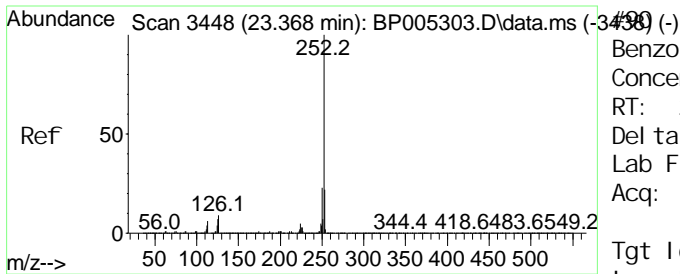
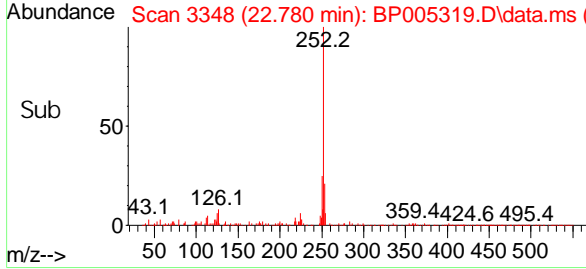
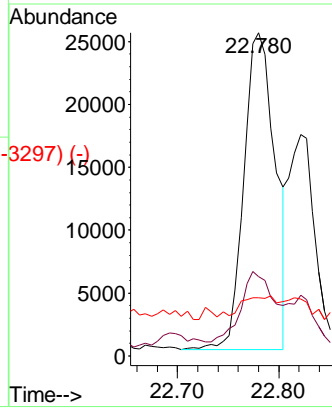
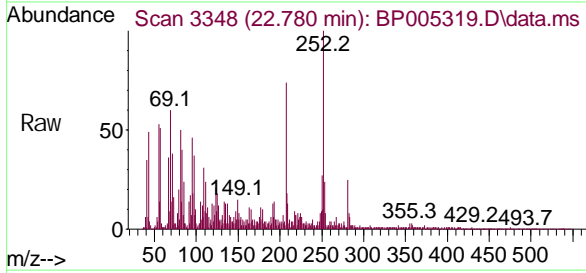




Scan 3348 (22.780 min): BP005303.D\data.ms (-3398) (-)
 Benzo(b)fluoranthene
 Concen: 3.84 ng
 RT: 22.780 min Scan# 3348
 Delta R.T. 0.000 min
 Lab File: BP005319.D
 Acq: 16 Apr 2021 15:24

Instrument :
 BNA_P
 ClientSampled :
 SB-5B

Tgt Ion	Resp	Lower	Upper
252	100		
253	24.5	17.1	25.7
125	18.0	5.3	7.9#



Scan 3448 (23.368 min): BP005303.D\data.ms (-3498) (-)
 Benzo(a)pyrene
 Concen: 3.13 ng
 RT: 23.368 min Scan# 3448
 Delta R.T. 0.000 min
 Lab File: BP005319.D
 Acq: 16 Apr 2021 15:24

Tgt Ion	Resp	Lower	Upper
252	100		
253	24.4	17.8	26.6
125	17.6	6.0	9.0#

