

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP041621\
 Data File : BP005315.D
 Acq On : 16 Apr 2021 13:08
 Operator : CG/JU
 Sample : M2049-06
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SB-09-0-2.0

Quant Time: Apr 16 14:26:41 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)

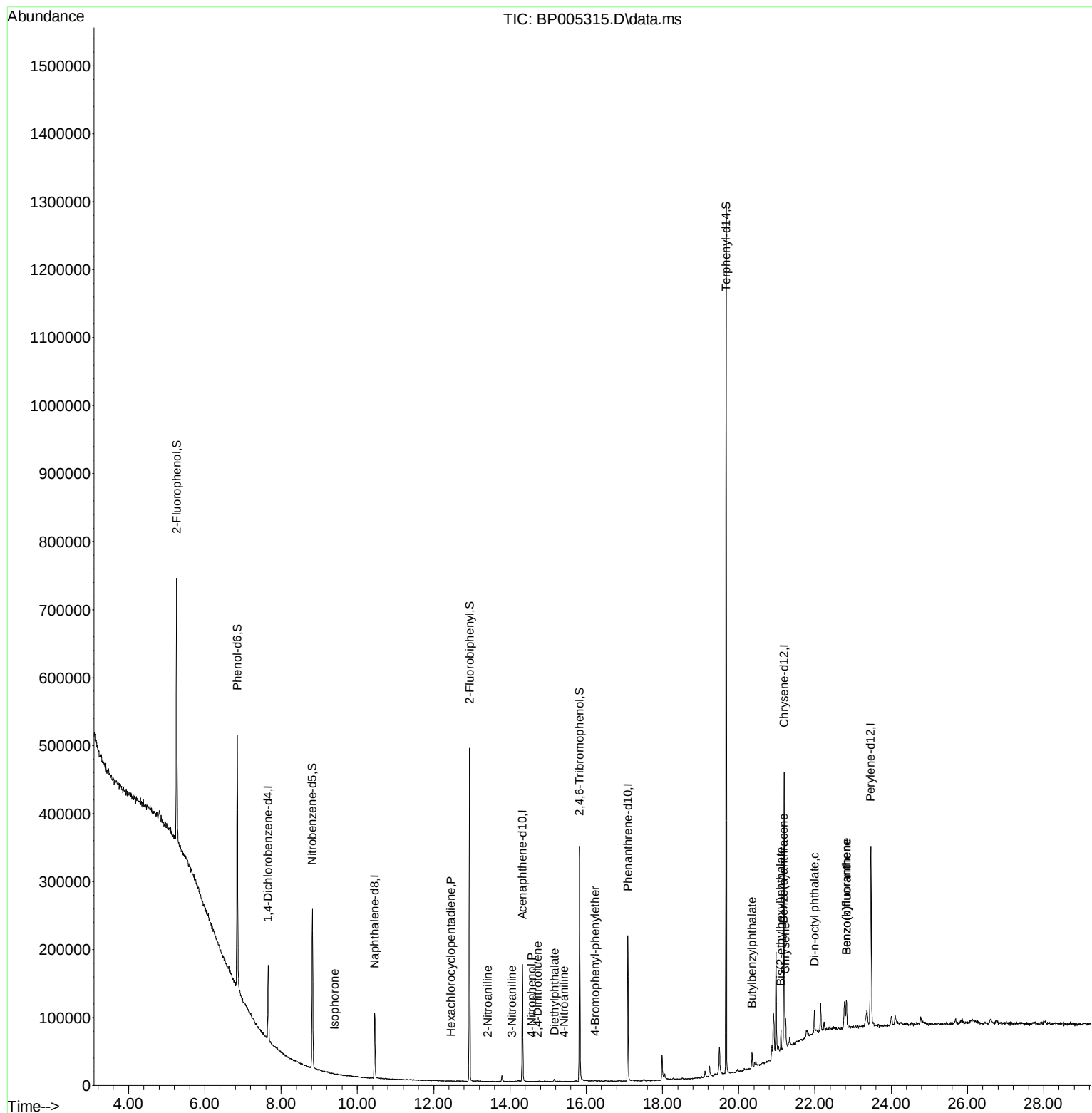
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.664	152	27542	20.00	ng	0.00
21) Naphthalene-d8	10.452	136	66429	20.00	ng	0.00
39) Acenaphthene-d10	14.328	164	43230	20.00	ng	0.00
64) Phenanthrene-d10	17.092	188	109153	20.00	ng	0.00
76) Chrysene-d12	21.192	240	168208	20.00	ng	0.00
86) Perylene-d12	23.463	264	179362	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.264	112	185135	81.96	ng	0.00
7) Phenol-d6	6.852	99	202743	77.61	ng	0.00
23) Nitrobenzene-d5	8.822	82	131263	61.03	ng	0.00
42) 2,4,6-Tribromophenol	15.834	330	55514	96.61	ng	0.00
45) 2-Fluorobiphenyl	12.940	172	205234	63.06	ng	0.00
79) Terphenyl-d14	19.669	244	482361	56.64	ng	0.00
Target Compounds						
						Qvalue
25) Isophorone	9.405	82	19	2.60	ng	# 88
41) Hexachlorocyclopentadiene	12.457	237	3	7.80	ng	# 1
48) 2-Nitroaniline	13.428	65	25	4.07	ng	# 46
53) 3-Nitroaniline	14.057	138	17	3.13	ng	78
56) 4-Nitrophenol	14.575	139	11	6.01	ng	# 39
57) 2,4-Dinitrotoluene	14.722	165	101	3.50	ng	# 33
60) Diethylphthalate	15.169	149	2054	4.71	ng	93
62) 4-Nitroaniline	15.416	138	19	3.96	ng	# 18
67) 4-Bromophenyl-phenylether	16.234	248	23	3.47	ng	99
80) Butylbenzylphthalate	20.345	149	5312	2.32	ng	84
81) Benzo(a)anthracene	21.180	228	22180	2.07	ng	95
83) Chrysene	21.227	228	23263	2.19	ng	99
84) Bis(2-ethylhexyl)phtha...	21.104	149	7861	2.05	ng	92
85) Di-n-octyl phthalate	21.986	149	17603	2.47	ng	# 92
88) Benzo(b)fluoranthene	22.822	252	25101	2.09	ng	97
89) Benzo(k)fluoranthene	22.822	252	25101	2.13	ng	97

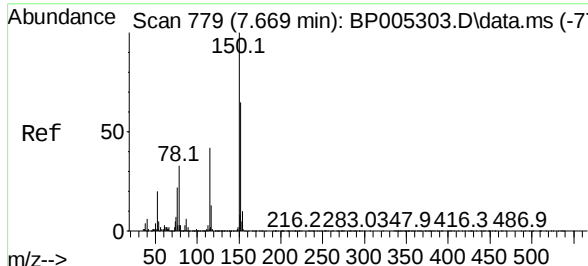
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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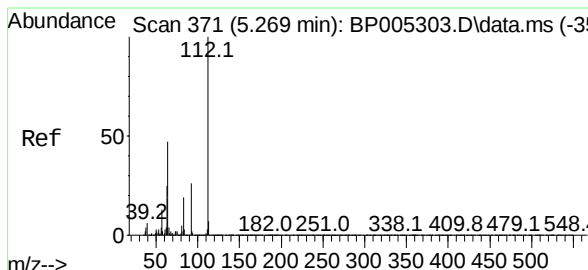
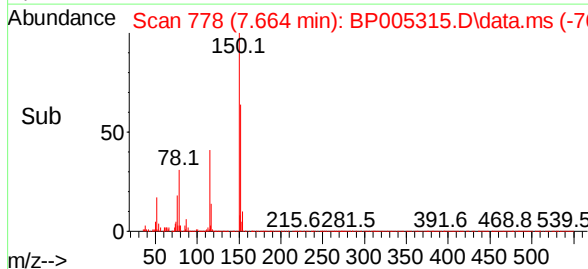
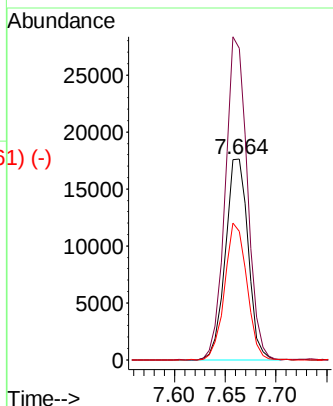
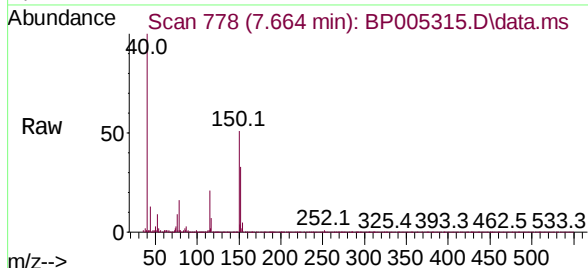




1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.664 min Scan# 778
 Delta R.T. 0.001 min
 Lab File: BP005315.D
 Acq: 16 Apr 2021 13:08

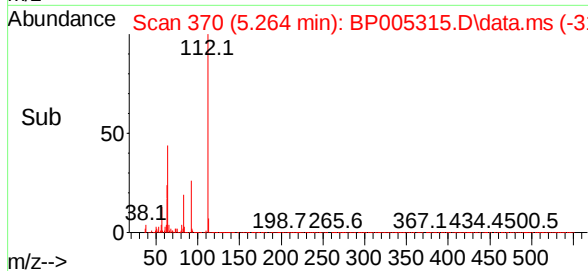
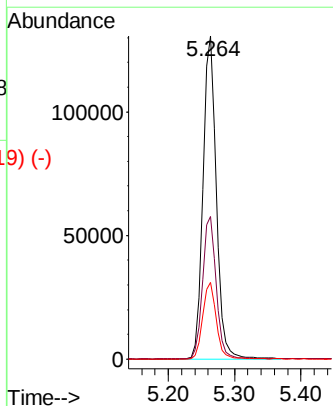
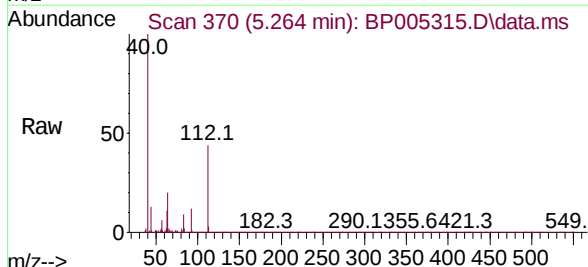
Instrument :
 BNA_P
 ClientSampleId :
 SB-09-0-2.0

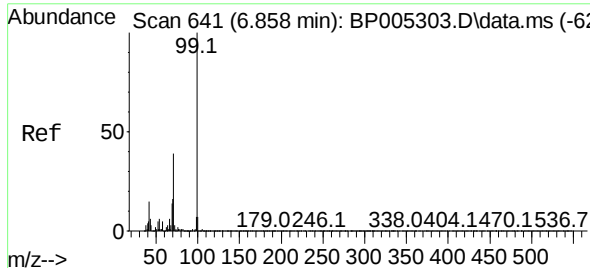
Tgt Ion:	152	Resp:	27542
Ion	Ratio	Lower	Upper
152	100		
150	155.0	122.9	184.3
115	64.0	52.2	78.2



2-Fluorophenol
 Concen: 81.96 ng
 RT: 5.264 min Scan# 370
 Delta R.T. 0.000 min
 Lab File: BP005315.D
 Acq: 16 Apr 2021 13:08

Tgt Ion:	112	Resp:	185135
Ion	Ratio	Lower	Upper
112	100		
64	44.2	37.6	56.4
63	23.8	20.4	30.6

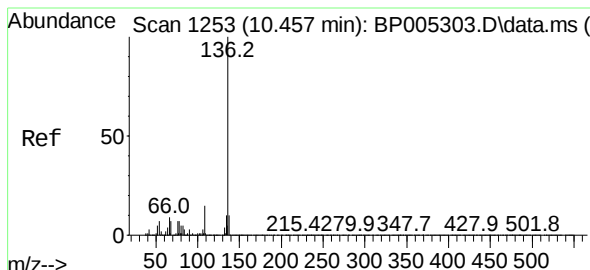
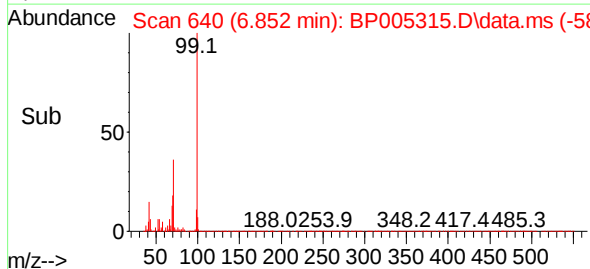
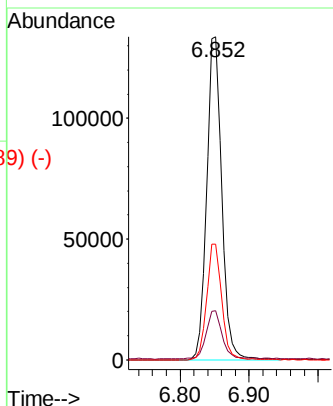
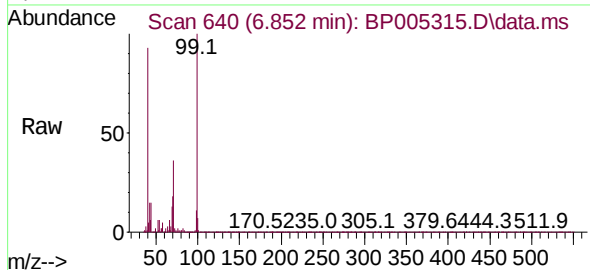




Phenol-d6
 Concen: 77.61 ng
 RT: 6.852 min Scan# 640
 Delta R.T. 0.000 min
 Lab File: BP005315.D
 Acq: 16 Apr 2021 13:08

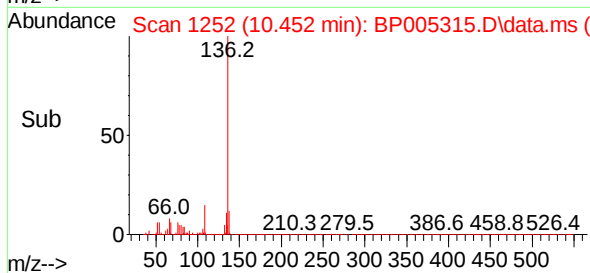
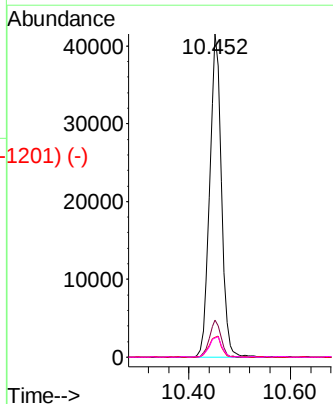
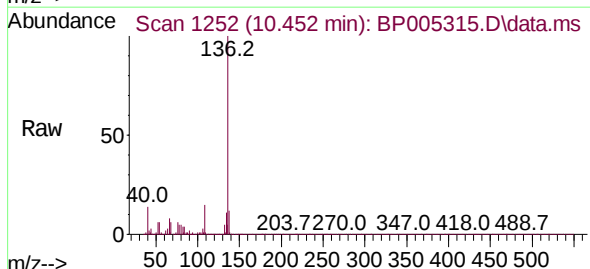
Instrument :
 BNA_P
 ClientSampleId :
 SB-09-0-2.0

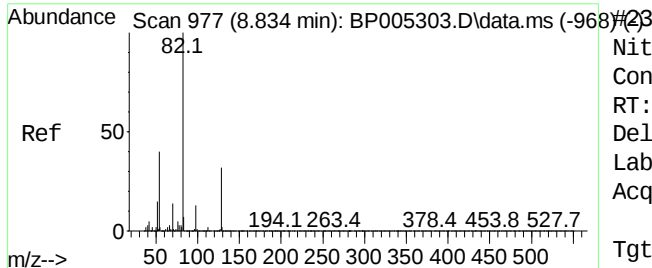
Tgt Ion:	99	Resp:	202743
Ion	Ratio	Lower	Upper
99	100		
42	15.1	12.0	18.0
71	35.8	31.4	47.2



Naphthalene-d8
 Concen: 20.00 ng
 RT: 10.452 min Scan# 1252
 Delta R.T. 0.000 min
 Lab File: BP005315.D
 Acq: 16 Apr 2021 13:08

Tgt Ion:	136	Resp:	66429
Ion	Ratio	Lower	Upper
136	100		
137	11.5	8.4	12.6
54	6.2	5.8	8.8
68	5.9	5.2	7.8

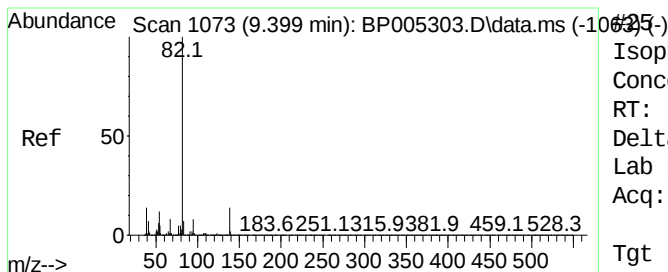
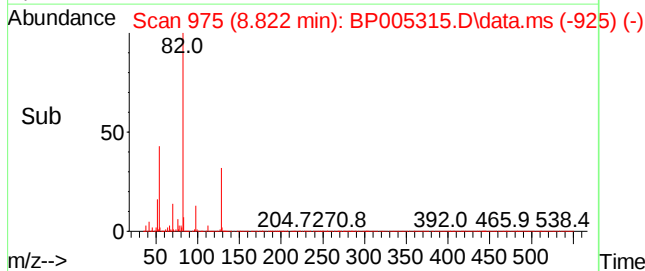
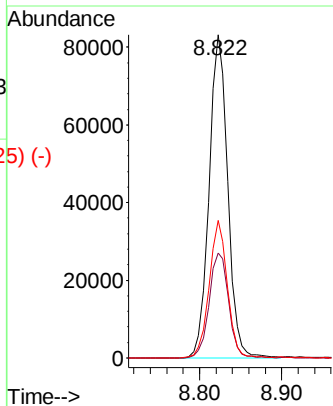
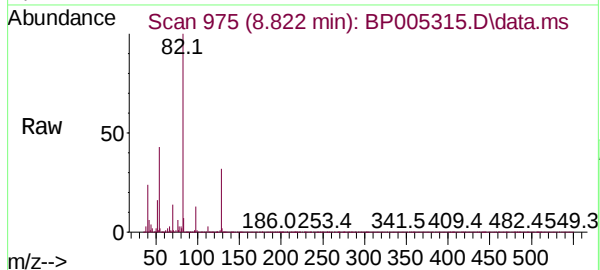




Nitrobenzene-d5
 Concen: 61.03 ng
 RT: 8.822 min Scan# 975
 Delta R.T. -0.006 min
 Lab File: BP005315.D
 Acq: 16 Apr 2021 13:08

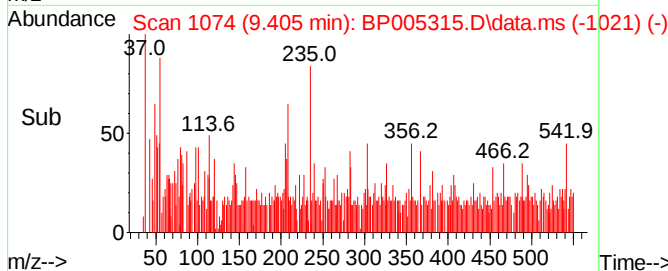
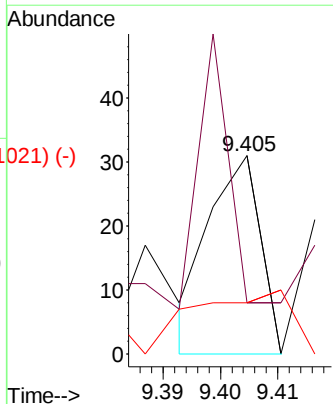
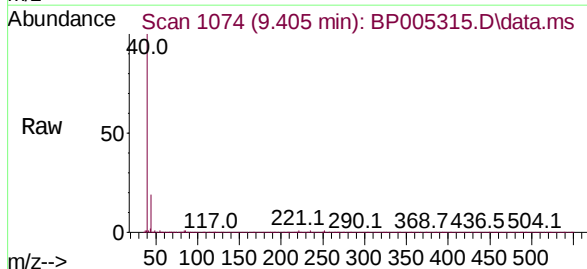
Instrument :
 BNA_P
 ClientSampleId :
 SB-09-0-2.0

Tgt Ion:	82	Resp:	131263
Ion	Ratio	Lower	Upper
82	100		
128	32.5	25.3	37.9
54	42.6	31.7	47.5

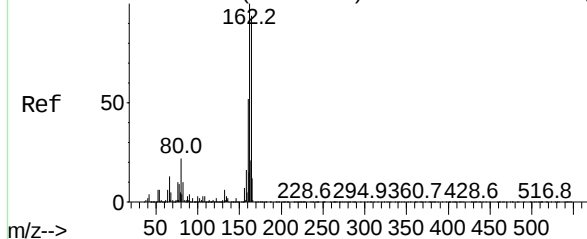


Isophorone
 Concen: 2.60 ng
 RT: 9.405 min Scan# 1074
 Delta R.T. 0.012 min
 Lab File: BP005315.D
 Acq: 16 Apr 2021 13:08

Tgt Ion:	82	Resp:	19
Ion	Ratio	Lower	Upper
82	100		
95	16.3	6.6	10.0#
138	16.3	11.0	16.6



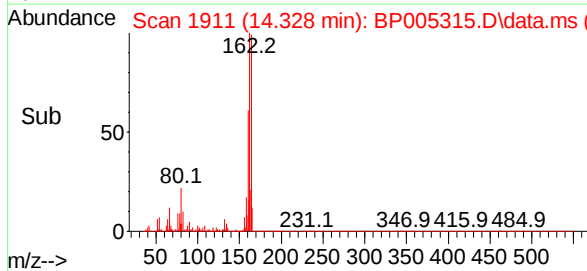
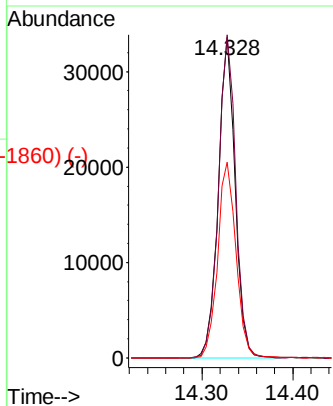
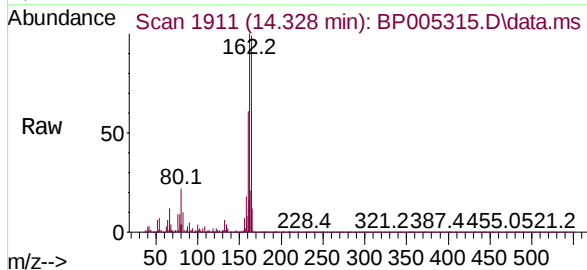
Abundance Scan 1912 (14.334 min): BP005303.D\data.ms (-1860) (-)



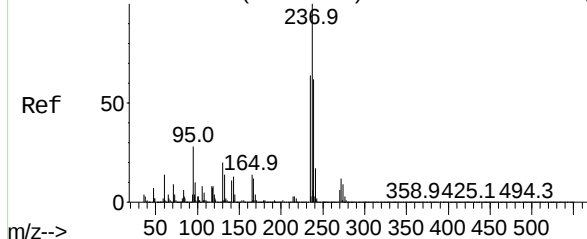
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.328 min Scan# 1911
Delta R.T. 0.000 min
Lab File: BP005315.D
Acq: 16 Apr 2021 13:08

Instrument :
BNA_P
ClientSampleId :
SB-09-0-2.0

Tgt Ion	Ratio	Lower	Upper
164	100		
162	100.9	84.8	127.2
160	61.1	44.2	66.4

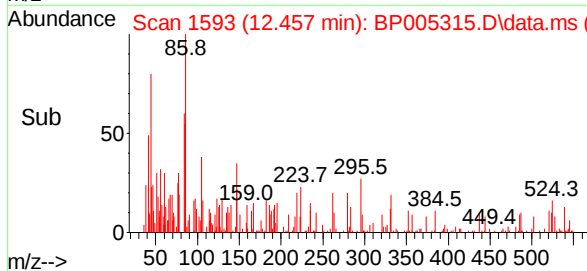
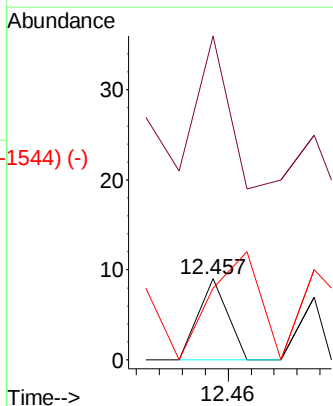
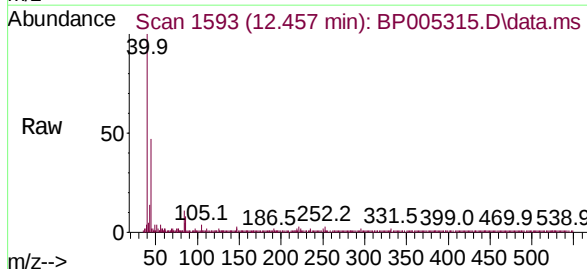


Abundance Scan 1596 (12.475 min): BP005303.D\data.ms (-1560) (-)



Hexachlorocyclopentadiene
Concen: 7.80 ng
RT: 12.457 min Scan# 1593
Delta R.T. -0.012 min
Lab File: BP005315.D
Acq: 16 Apr 2021 13:08

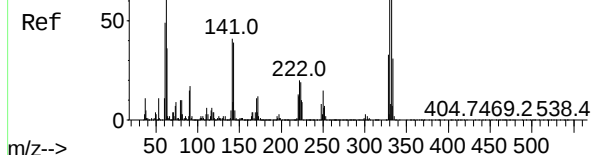
Tgt Ion	Ratio	Lower	Upper
237	100		
235	400.0	44.0	84.0#
272	88.9	0.0	31.7#



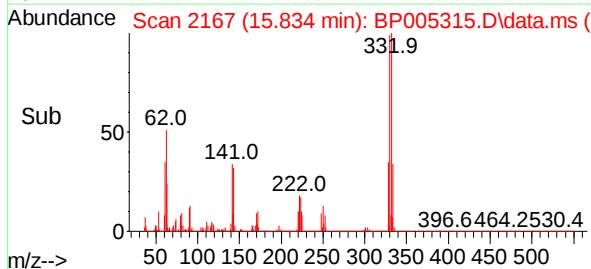
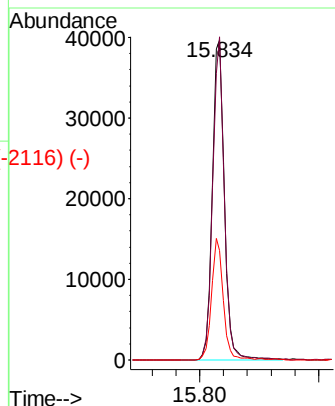
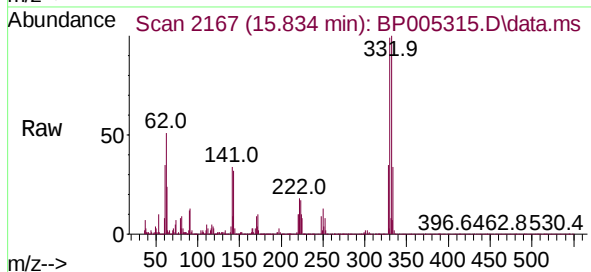
Abundance Scan 2167 (15.834 min): BP005303.D\data.ms (-2116) (-)

2,4,6-Tribromophenol
Concen: 96.61 ng
RT: 15.834 min Scan# 2167
Delta R.T. 0.000 min
Lab File: BP005315.D
Acq: 16 Apr 2021 13:08

Instrument :
BNA_P
ClientSampleId :
SB-09-0-2.0

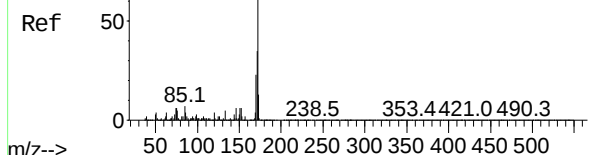


Tgt Ion:	330	Resp:	55514
Ion	Ratio	Lower	Upper
330	100		
332	96.6	78.6	118.0
141	36.9	31.6	47.4

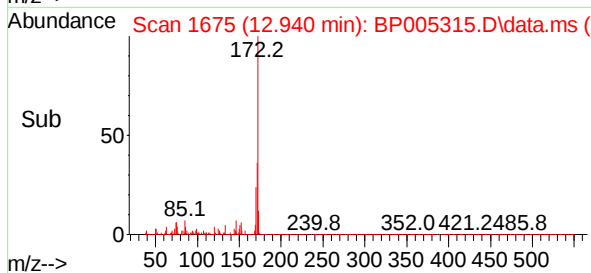
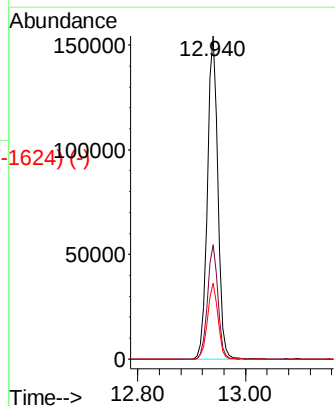
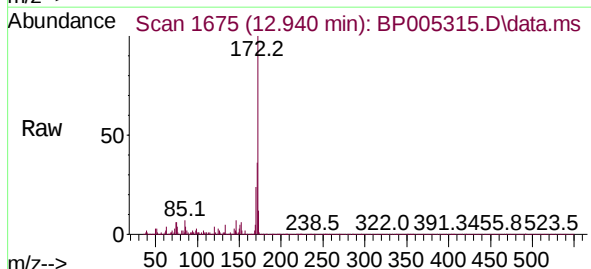


Abundance Scan 1676 (12.945 min): BP005303.D\data.ms (-1624) (-)

2-Fluorobiphenyl
Concen: 63.06 ng
RT: 12.940 min Scan# 1675
Delta R.T. 0.000 min
Lab File: BP005315.D
Acq: 16 Apr 2021 13:08



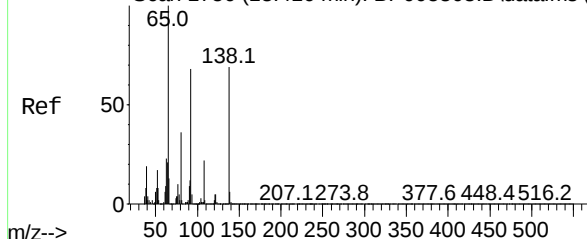
Tgt Ion:	172	Resp:	205234
Ion	Ratio	Lower	Upper
172	100		
171	35.5	27.8	41.8
170	23.6	18.7	28.1



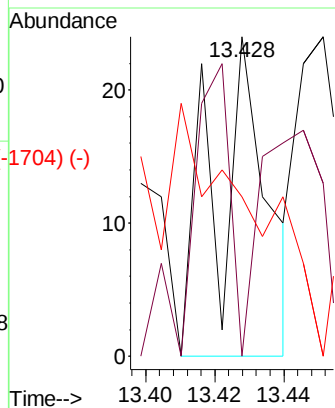
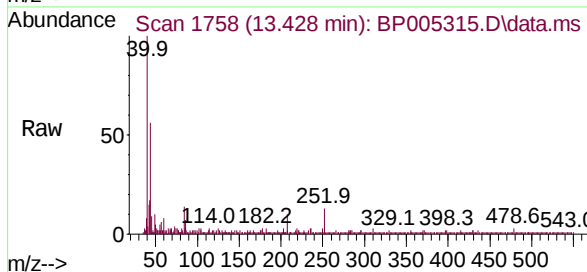
Abundance Scan 1756 (13.416 min): BP005303.D\data.ms (-1748) (-)

2-Nitroaniline
Concen: 4.07 ng
RT: 13.428 min Scan# 1758
Delta R.T. 0.018 min
Lab File: BP005315.D
Acq: 16 Apr 2021 13:08

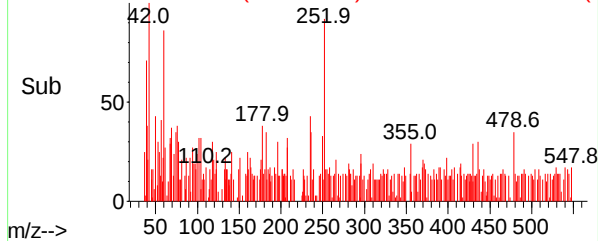
Instrument :
BNA_P
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SB-09-0-2.0



Tgt Ion:	65	Resp:	25
Ion	Ratio	Lower	Upper
65	100		
92	0.0	54.6	82.0#
138	50.0	55.4	83.0#



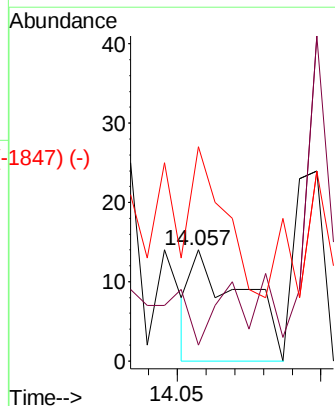
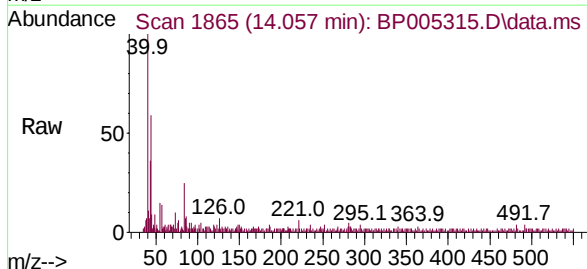
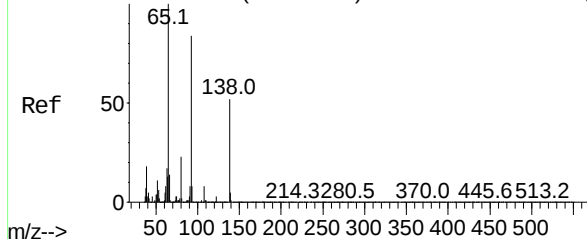
Abundance Scan 1758 (13.428 min): BP005315.D\data.ms (-1704) (-)



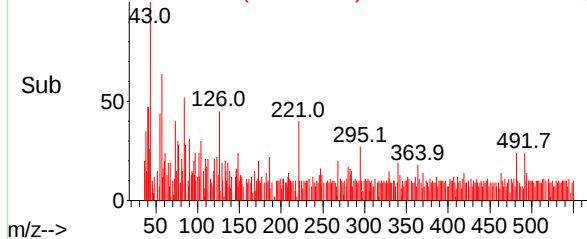
Abundance Scan 1898 (14.251 min): BP005303.D\data.ms (-1853) (-)

3-Nitroaniline
Concen: 3.13 ng
RT: 14.057 min Scan# 1865
Delta R.T. -0.194 min
Lab File: BP005315.D
Acq: 16 Apr 2021 13:08

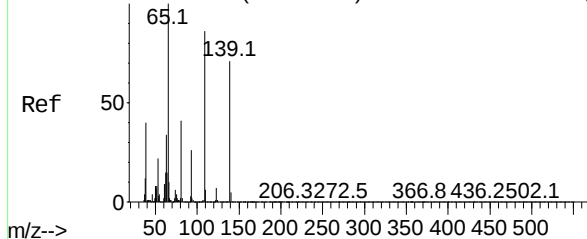
Tgt Ion:	138	Resp:	17
Ion	Ratio	Lower	Upper
138	100		
108	14.3	11.8	17.8
92	192.9	129.0	193.4



Abundance Scan 1865 (14.057 min): BP005315.D\data.ms (-1847) (-)



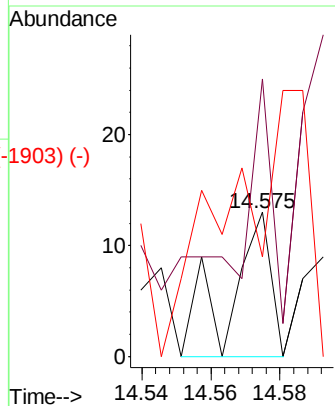
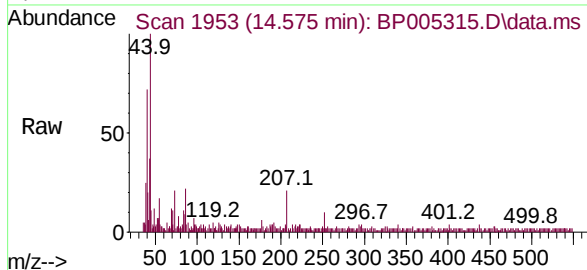
Abundance Scan 1955 (14.587 min): BP005303.D\data.ms (-1955) (-)



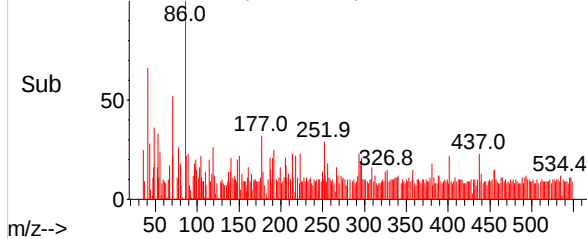
4-Nitrophenol
Concen: 6.01 ng
RT: 14.575 min Scan# 1953
Delta R.T. -0.006 min
Lab File: BP005315.D
Acq: 16 Apr 2021 13:08

Instrument :
BNA_P
ClientSampled :
SB-09-0-2.0

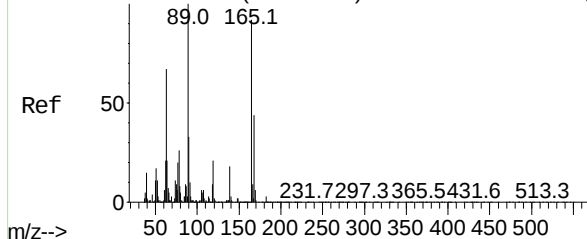
Tgt Ion:	139	Resp:	11
Ion	Ratio	Lower	Upper
139	100		
109	192.3	101.8	141.8#
65	69.2	121.3	161.3#



Abundance Scan 1953 (14.575 min): BP005315.D\data.ms (-1903) (-)

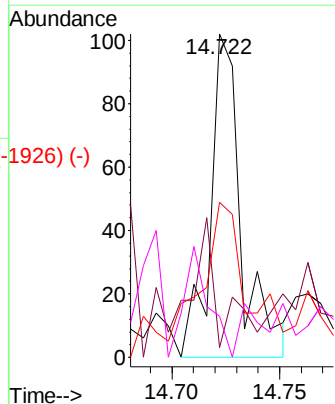
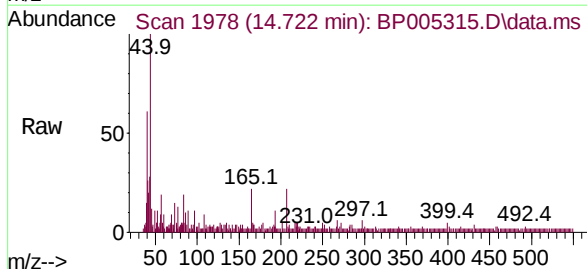


Abundance Scan 1977 (14.716 min): BP005303.D\data.ms (-1957) (-)

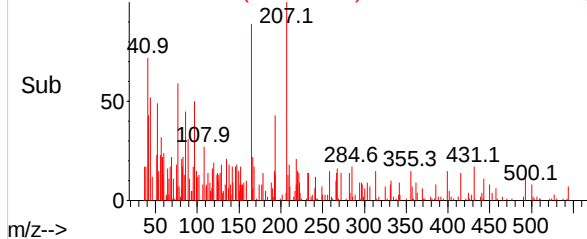


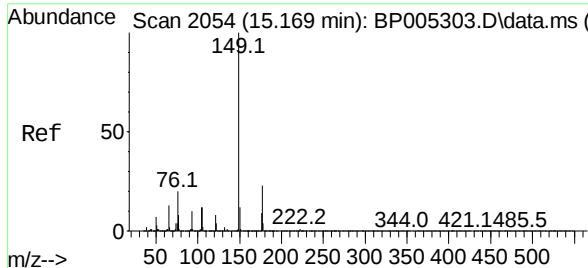
2,4-Dinitrotoluene
Concen: 3.50 ng
RT: 14.722 min Scan# 1978
Delta R.T. 0.006 min
Lab File: BP005315.D
Acq: 16 Apr 2021 13:08

Tgt Ion:	165	Resp:	101
Ion	Ratio	Lower	Upper
165	100		
63	2.9	58.3	87.5#
89	48.0	87.0	130.4#
182	12.7	2.6	4.0#



Abundance Scan 1978 (14.722 min): BP005315.D\data.ms (-1926) (-)

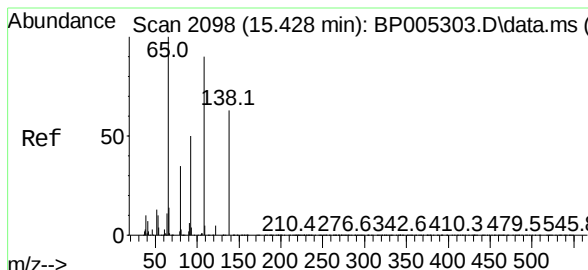
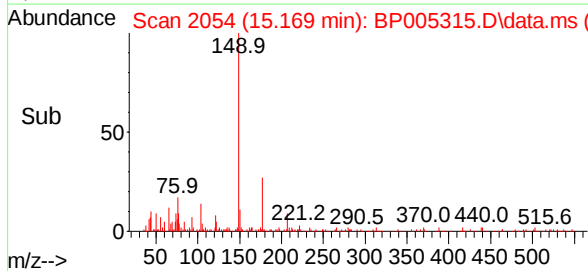
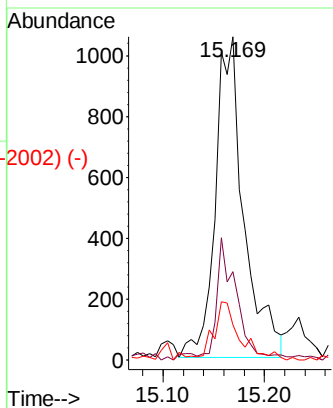
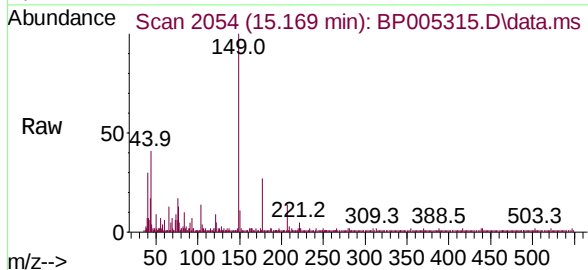




Diethylphthalate
 Concen: 4.71 ng
 RT: 15.169 min Scan# 2054
 Delta R.T. 0.006 min
 Lab File: BP005315.D
 Acq: 16 Apr 2021 13:08

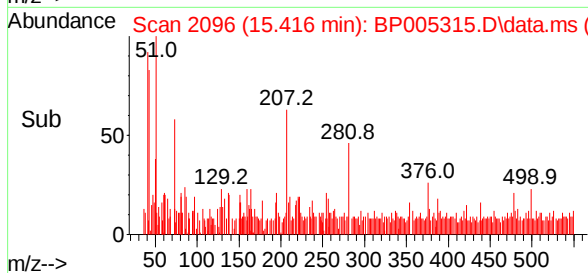
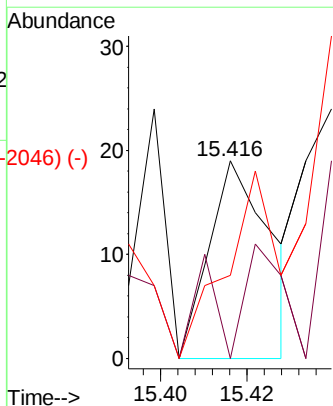
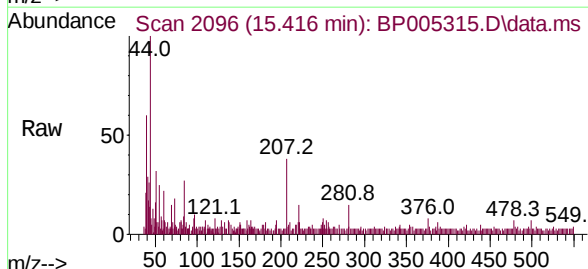
Instrument :
 BNA_P
 ClientSampleId :
 SB-09-0-2.0

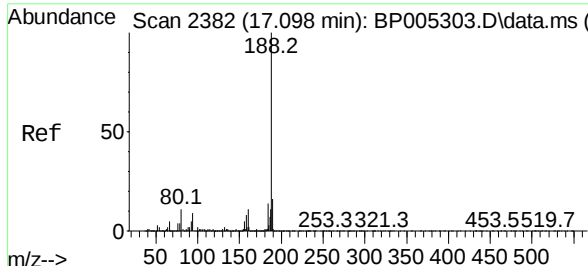
Tgt Ion:	149	Resp:	2054
Ion	Ratio	Lower	Upper
149	100		
177	27.2	18.6	27.8
150	10.9	9.8	14.8



4-Nitroaniline
 Concen: 3.96 ng
 RT: 15.416 min Scan# 2096
 Delta R.T. -0.006 min
 Lab File: BP005315.D
 Acq: 16 Apr 2021 13:08

Tgt Ion:	138	Resp:	19
Ion	Ratio	Lower	Upper
138	100		
92	0.0	57.0	97.0#
108	42.1	115.8	155.8#

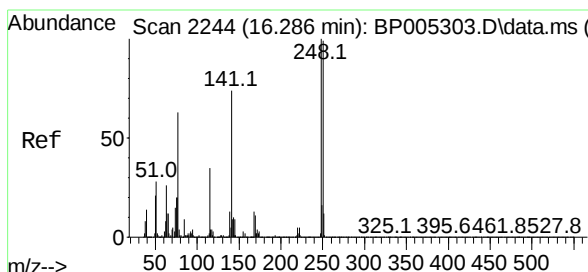
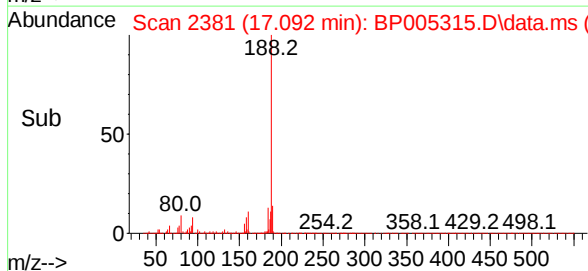
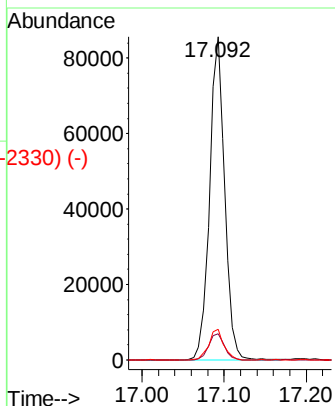
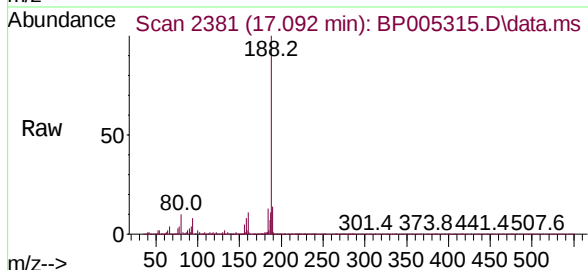




Phenanthrene-d10
 Concen: 20.00 ng
 RT: 17.092 min Scan# 2381
 Delta R.T. 0.000 min
 Lab File: BP005315.D
 Acq: 16 Apr 2021 13:08

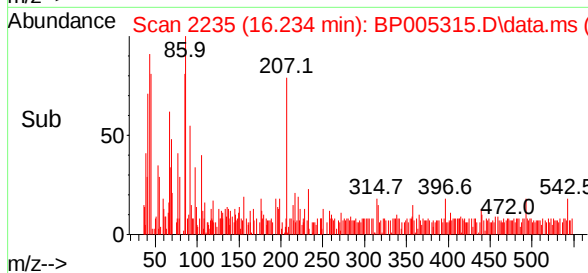
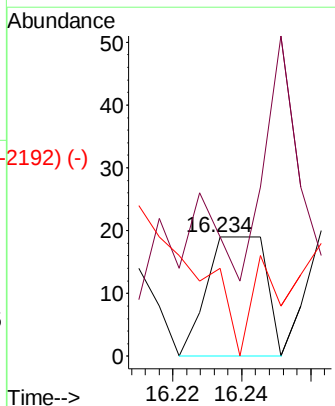
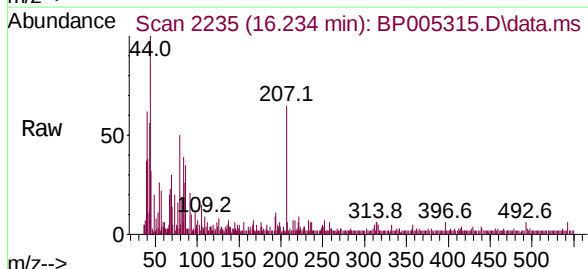
Instrument :
 BNA_P
 ClientSampleId :
 SB-09-0-2.0

Tgt Ion:	188	Resp:	109153
Ion	Ratio	Lower	Upper
188	100		
94	8.0	7.0	10.6
80	9.5	8.4	12.6



4-Bromophenyl-phenylether
 Concen: 3.47 ng
 RT: 16.234 min Scan# 2235
 Delta R.T. -0.047 min
 Lab File: BP005315.D
 Acq: 16 Apr 2021 13:08

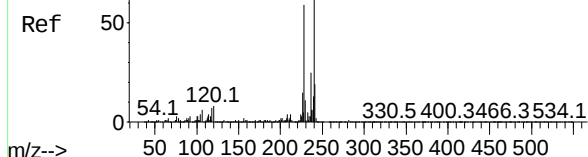
Tgt Ion:	248	Resp:	23
Ion	Ratio	Lower	Upper
248	100		
250	100.0	79.0	118.6
141	73.7	59.0	88.4



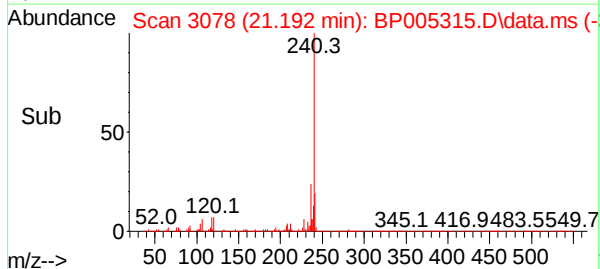
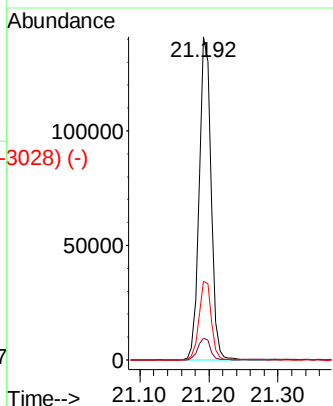
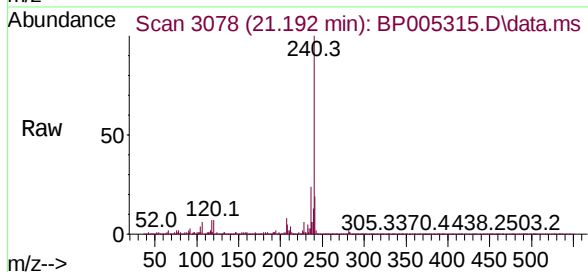
Abundance Scan 3079 (21.198 min): BP005303.D\data.ms (-3079) (-)

Chrysene-d12
Concen: 20.00 ng
RT: 21.192 min Scan# 3078
Delta R.T. -0.006 min
Lab File: BP005315.D
Acq: 16 Apr 2021 13:08

Instrument :
BNA_P
ClientSampleId :
SB-09-0-2.0

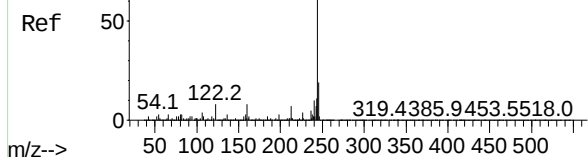


Tgt Ion:	240	Resp:	168208
Ion Ratio	Lower	Upper	
240	100		
120	6.8	6.5	9.7
236	24.3	19.8	29.6

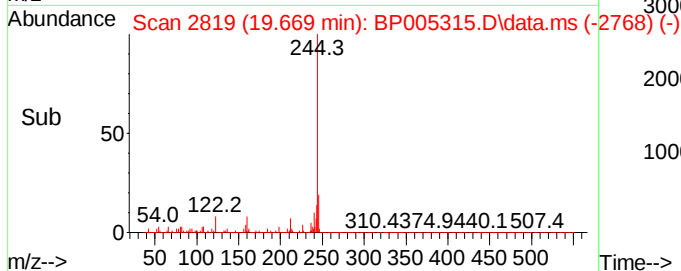
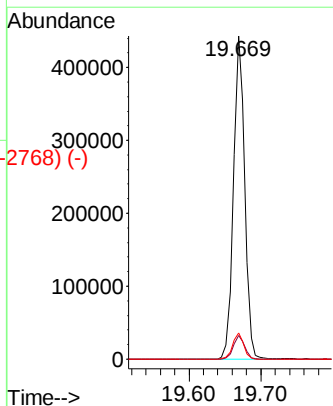
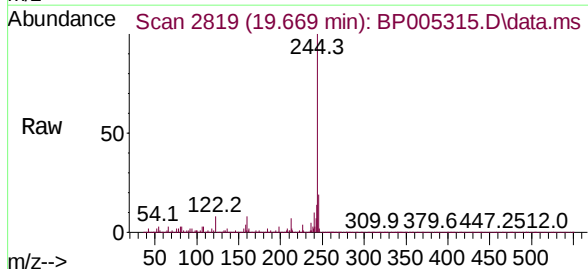


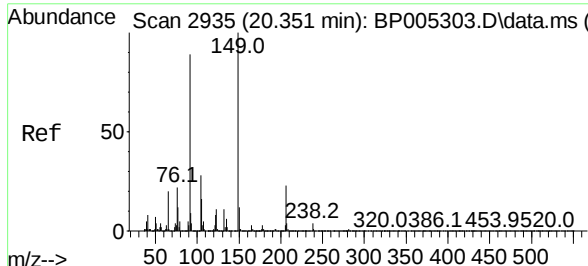
Abundance Scan 2820 (19.674 min): BP005303.D\data.ms (-2820) (-)

Terphenyl-d14
Concen: 56.64 ng
RT: 19.669 min Scan# 2819
Delta R.T. 0.000 min
Lab File: BP005315.D
Acq: 16 Apr 2021 13:08



Tgt Ion:	244	Resp:	482361
Ion Ratio	Lower	Upper	
244	100		
212	7.2	5.8	8.6
122	8.1	6.7	10.1

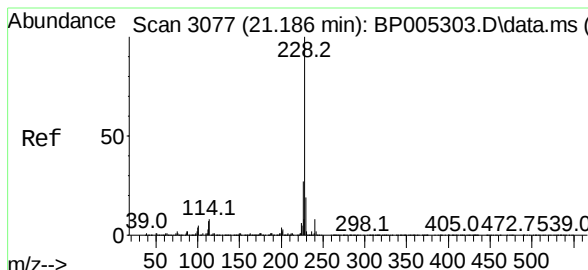
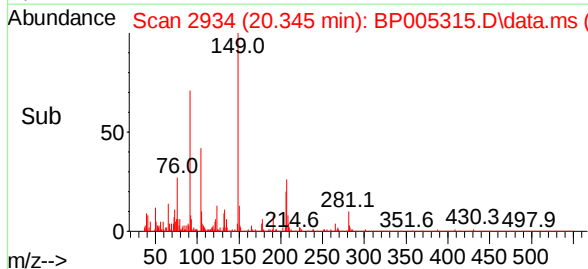
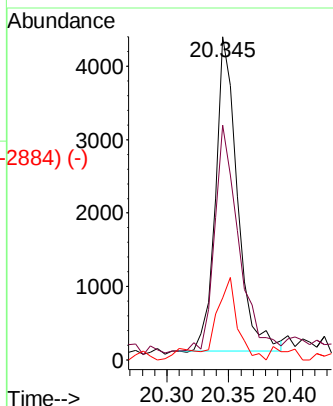
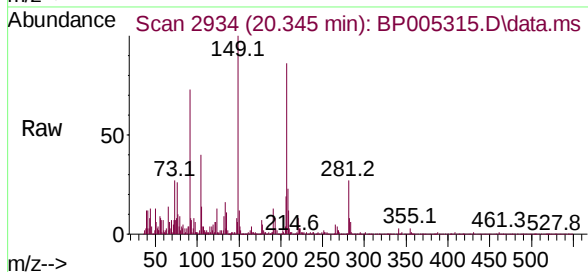




Butylbenzylphthalate
 Concen: 2.32 ng
 RT: 20.345 min Scan# 2934
 Delta R.T. -0.006 min
 Lab File: BP005315.D
 Acq: 16 Apr 2021 13:08

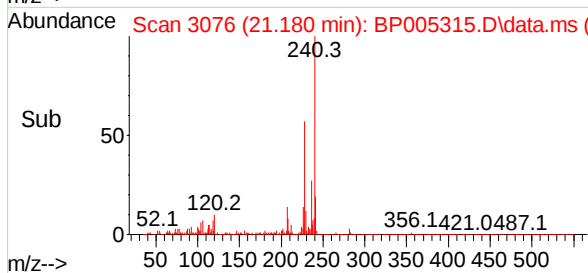
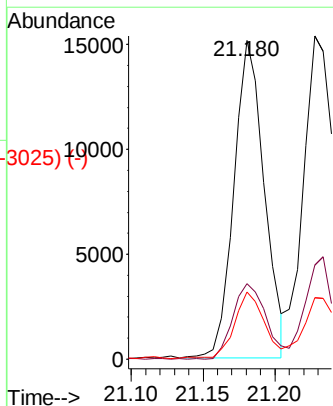
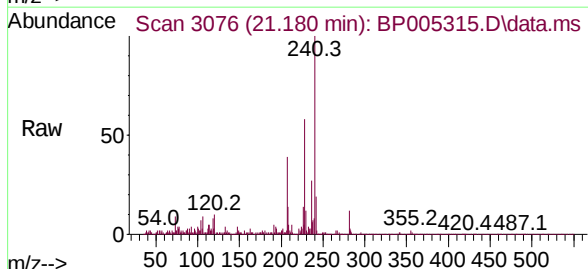
Instrument :
 BNA_P
 ClientSampleId :
 SB-09-0-2.0

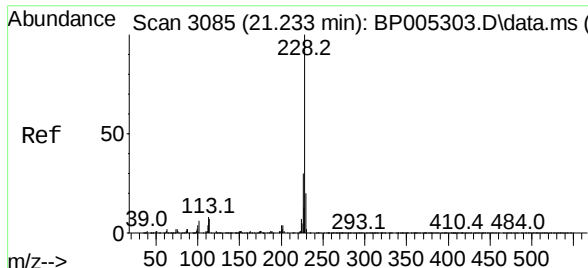
Tgt Ion:	149	Resp:	5312
Ion	Ratio	Lower	Upper
149	100		
91	72.6	71.2	106.8
206	19.2	18.6	28.0



Benzo(a)anthracene
 Concen: 2.07 ng
 RT: 21.180 min Scan# 3076
 Delta R.T. 0.000 min
 Lab File: BP005315.D
 Acq: 16 Apr 2021 13:08

Tgt Ion:	228	Resp:	22180
Ion	Ratio	Lower	Upper
228	100		
226	23.7	21.5	32.3
229	21.0	15.6	23.4

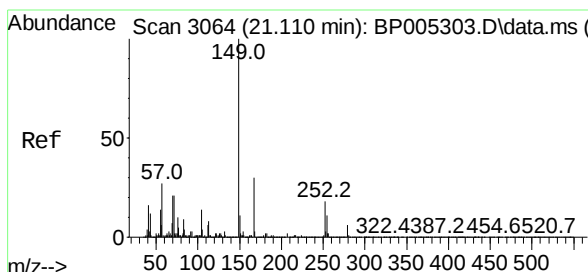
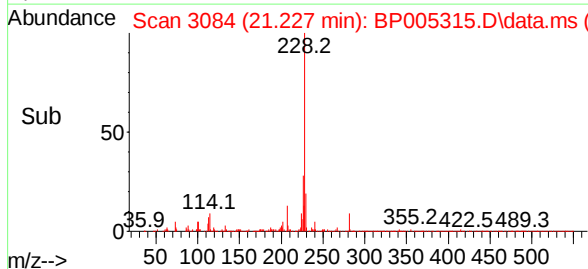
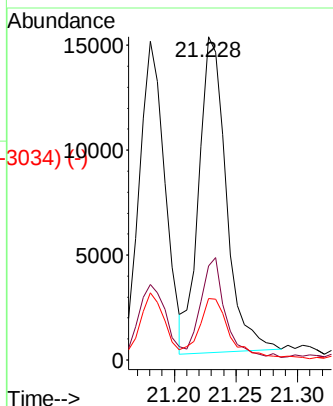
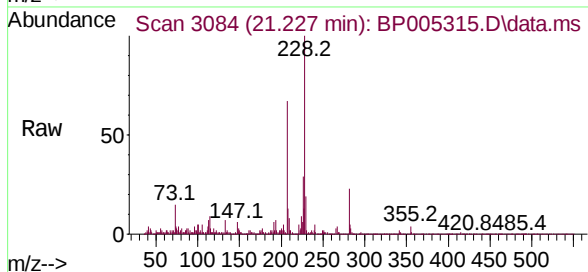




Scan 3085 (21.233 min): BP005303.D\data.ms (-3085)
 Chrysene
 Concen: 2.19 ng
 RT: 21.227 min Scan# 3084
 Delta R.T. -0.006 min
 Lab File: BP005315.D
 Acq: 16 Apr 2021 13:08

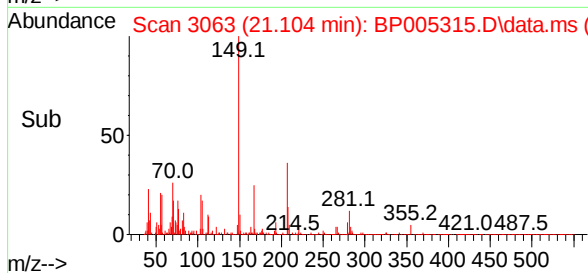
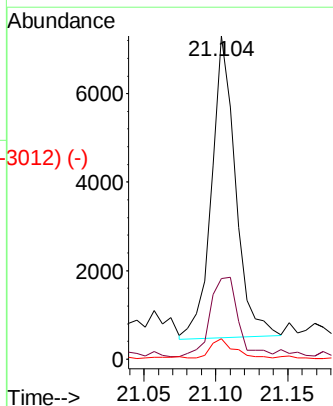
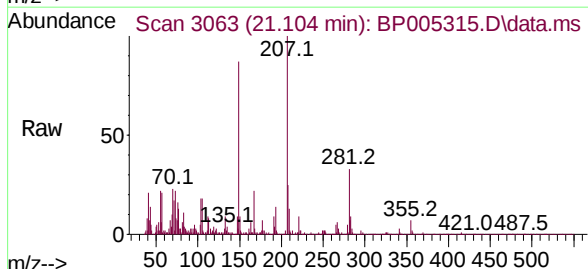
Instrument :
 BNA_P
 ClientSampleID :
 SB-09-0-2.0

Tgt Ion:	228	Resp:	23263
Ion	Ratio	Lower	Upper
228	100		
226	29.2	24.0	36.0
229	19.0	15.6	23.4



Scan 3064 (21.110 min): BP005303.D\data.ms (-3064)
 Bis(2-ethylhexyl)phthalate
 Concen: 2.05 ng
 RT: 21.104 min Scan# 3063
 Delta R.T. 0.000 min
 Lab File: BP005315.D
 Acq: 16 Apr 2021 13:08

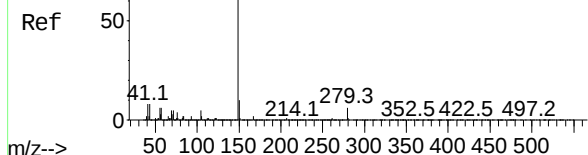
Tgt Ion:	149	Resp:	7861
Ion	Ratio	Lower	Upper
149	100		
167	24.9	23.8	35.8
279	6.3	4.6	6.8



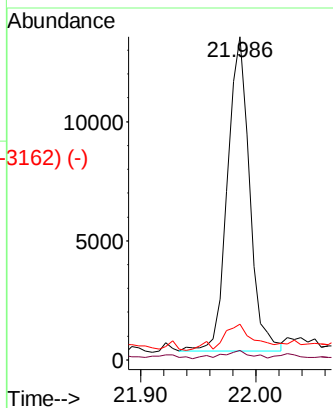
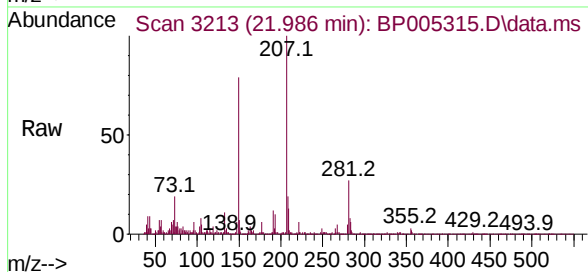
Abundance Scan 3214 (21.992 min): BP005303.D\data.ms (-3205) (-)

Di-n-octyl phthalate
Concen: 2.47 ng
RT: 21.986 min Scan# 3213
Delta R.T. 0.000 min
Lab File: BP005315.D
Acq: 16 Apr 2021 13:08

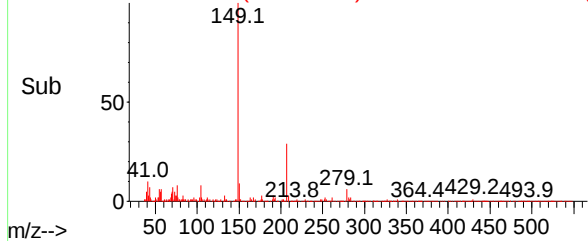
Instrument :
BNA_P
ClientSampleId :
SB-09-0-2.0



Tgt Ion:	149	Resp:	17603
Ion Ratio	Lower	Upper	
149	100		
167	3.2	1.5	2.3#
43	11.9	6.9	10.3#

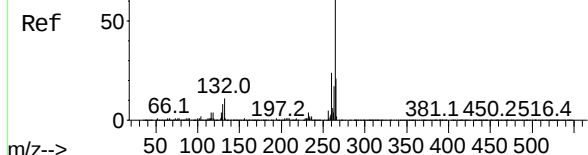


Abundance Scan 3213 (21.986 min): BP005315.D\data.ms (-3162) (-)

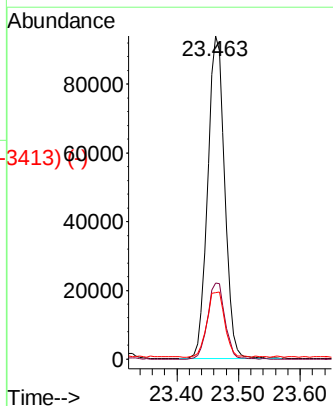
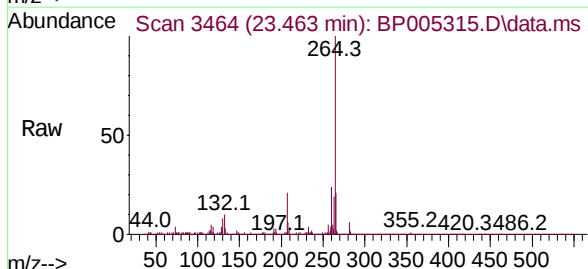


Abundance Scan 3465 (23.468 min): BP005303.D\data.ms (-3456) (-)

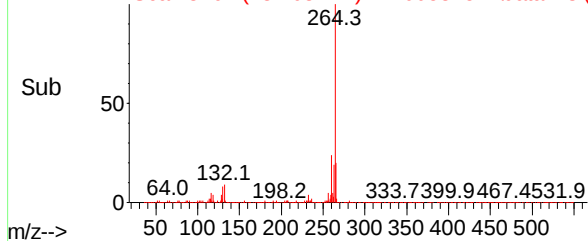
Perylene-d12
Concen: 20.00 ng
RT: 23.463 min Scan# 3464
Delta R.T. 0.000 min
Lab File: BP005315.D
Acq: 16 Apr 2021 13:08



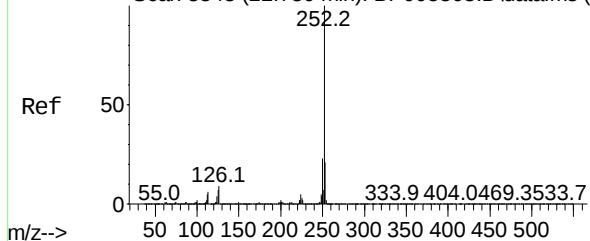
Tgt Ion:	264	Resp:	179362
Ion Ratio	Lower	Upper	
264	100		
260	23.6	19.0	28.6
265	20.6	17.0	25.6



Abundance Scan 3464 (23.463 min): BP005315.D\data.ms (-3413) (-)



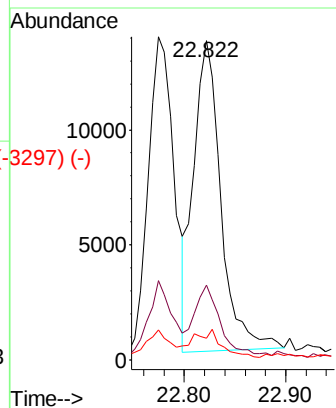
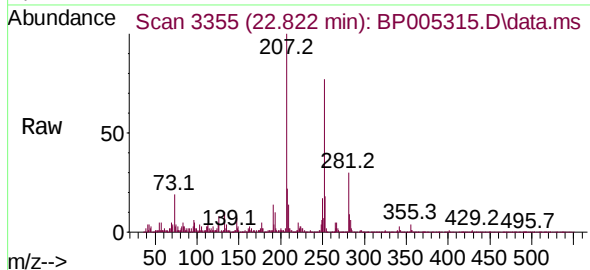
Abundance Scan 3348 (22.780 min): BP005303.D\data.ms (-3348) (-)



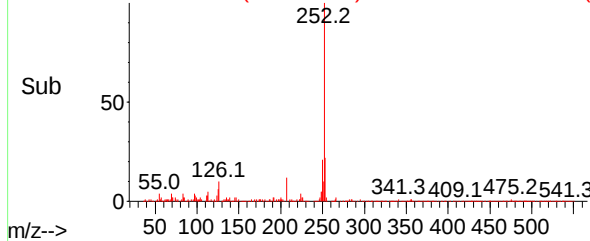
Benzo(b)fluoranthene
Concen: 2.09 ng
RT: 22.822 min Scan# 3355
Delta R.T. 0.041 min
Lab File: BP005315.D
Acq: 16 Apr 2021 13:08

Instrument :
BNA_P
ClientSampleId :
SB-09-0-2.0

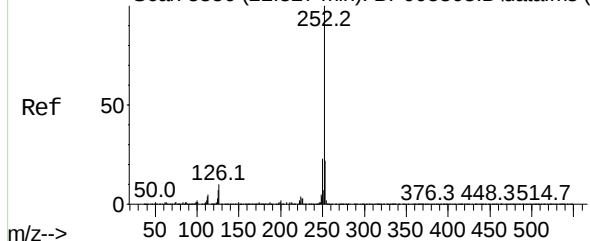
Tgt Ion:	252	Resp:	25101
Ion	Ratio	Lower	Upper
252	100		
253	23.4	17.1	25.7
125	6.7	5.3	7.9



Abundance Scan 3355 (22.822 min): BP005315.D\data.ms (-3297) (-)

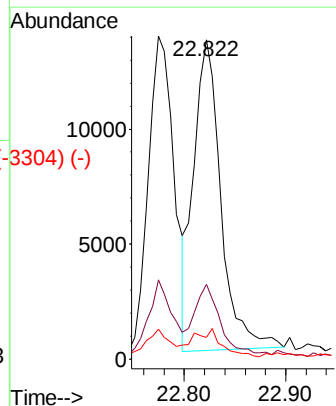
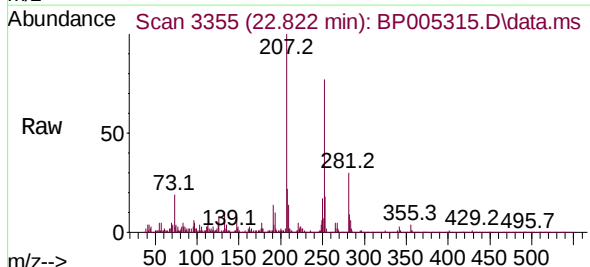


Abundance Scan 3356 (22.827 min): BP005303.D\data.ms (-3356) (-)



Benzo(k)fluoranthene
Concen: 2.13 ng
RT: 22.822 min Scan# 3355
Delta R.T. 0.000 min
Lab File: BP005315.D
Acq: 16 Apr 2021 13:08

Tgt Ion:	252	Resp:	25101
Ion	Ratio	Lower	Upper
252	100		
253	23.4	17.4	26.0
125	6.7	5.4	8.2



Abundance Scan 3355 (22.822 min): BP005315.D\data.ms (-3304) (-)

