

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP041621\
 Data File : BP005313.D
 Acq On : 16 Apr 2021 12:00
 Operator : CG/JU
 Sample : M2049-18
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SB-12-13.5-14.0

Quant Time: Apr 16 13:03:07 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)

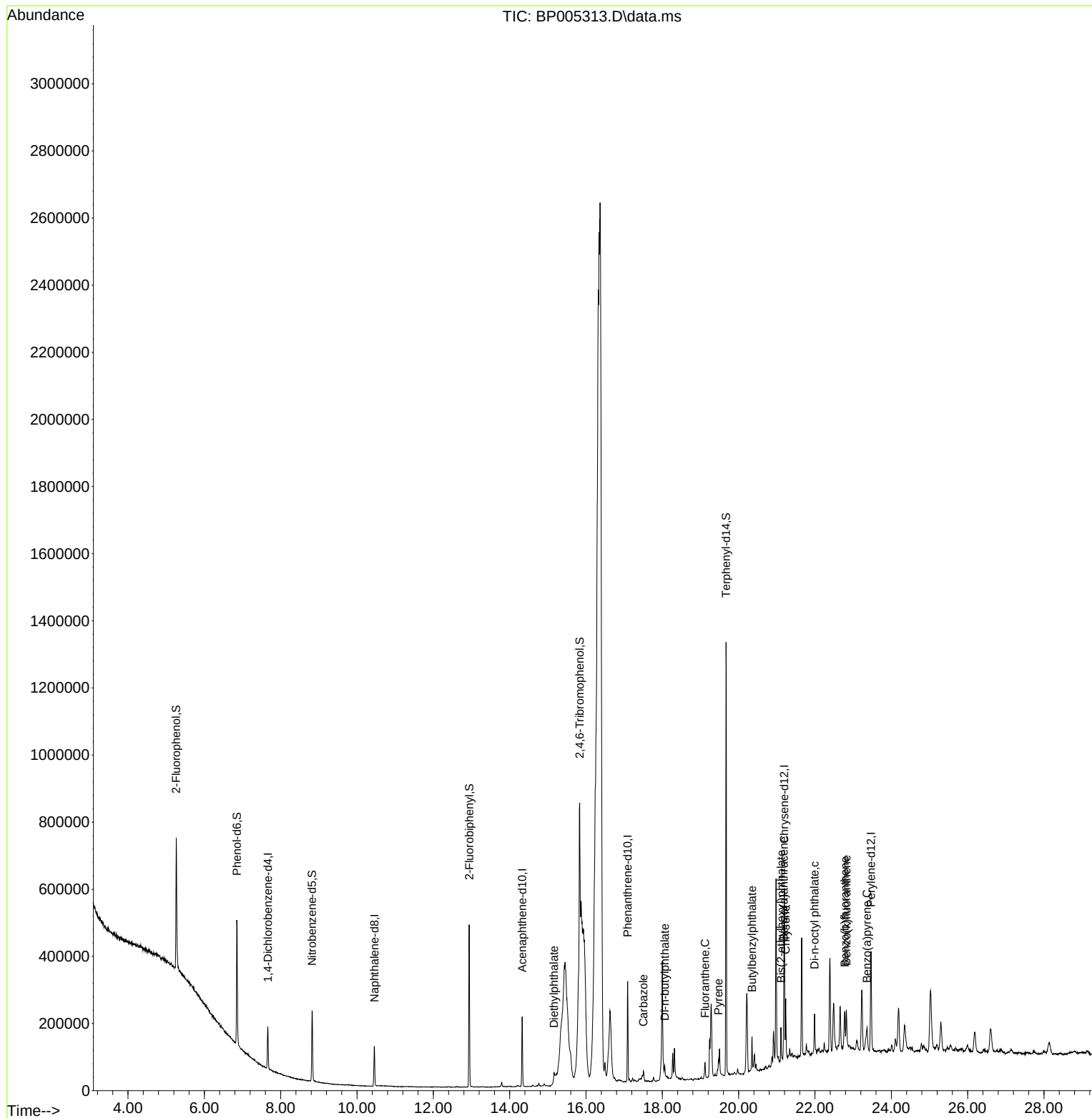
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.663	152	32536	20.00	ng	0.00
21) Naphthalene-d8	10.457	136	82790	20.00	ng	0.00
39) Acenaphthene-d10	14.328	164	55511	20.00	ng	0.00
64) Phenanthrene-d10	17.092	188	161030	20.00	ng	0.00
76) Chrysene-d12	21.198	240	215506	20.00	ng	0.00
86) Perylene-d12	23.468	264	206436	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.263	112	206652	77.44	ng	0.00
7) Phenol-d6	6.852	99	212685	68.92	ng	0.00
23) Nitrobenzene-d5	8.822	82	125889	46.96	ng	0.00
42) 2,4,6-Tribromophenol	15.833	330	75924	102.89	ng	0.00
45) 2-Fluorobiphenyl	12.939	172	210169	50.29	ng	0.00
79) Terphenyl-d14	19.669	244	547804	50.21	ng	0.00
Target Compounds						
						Qvalue
60) Diethylphthalate	15.163	149	12474	6.87	ng	# 96
73) Carbazole	17.504	167	18862	2.27	ng	# 93
74) Di-n-butylphthalate	18.063	149	19129	2.64	ng	97
75) Fluoranthene	19.122	202	26641	2.35	ng	97
78) Pyrene	19.474	202	31910	2.59	ng	99
80) Butylbenzylphthalate	20.351	149	25842	8.83	ng	91
81) Benzo(a)anthracene	21.180	228	89998	6.54	ng	99
83) Chrysene	21.233	228	93626	6.88	ng	97
84) Bis(2-ethylhexyl)phtha...	21.110	149	31850	6.47	ng	# 99
85) Di-n-octyl phthalate	21.986	149	68077	7.47	ng	# 96
88) Benzo(b)fluoranthene	22.780	252	76700	5.54	ng	98
89) Benzo(k)fluoranthene	22.821	252	80143	5.91	ng	98
90) Benzo(a)pyrene	23.362	252	50209	3.96	ng	94

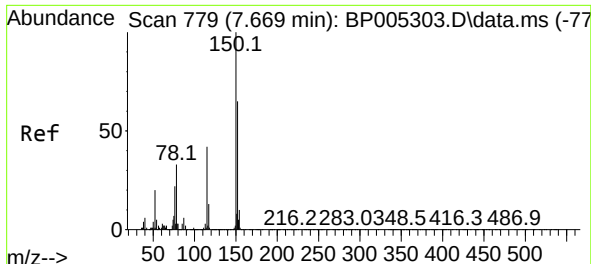
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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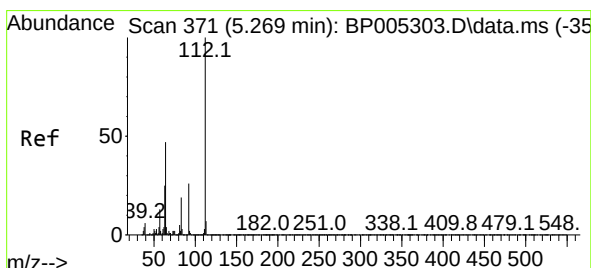
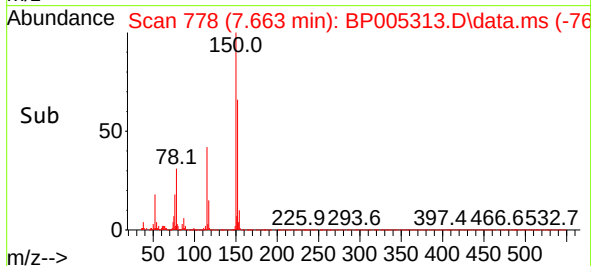
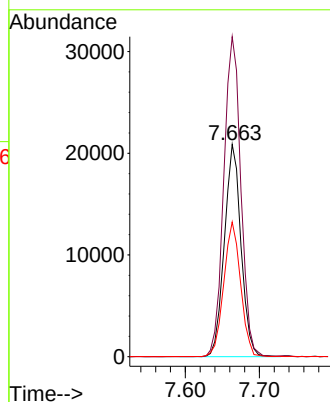
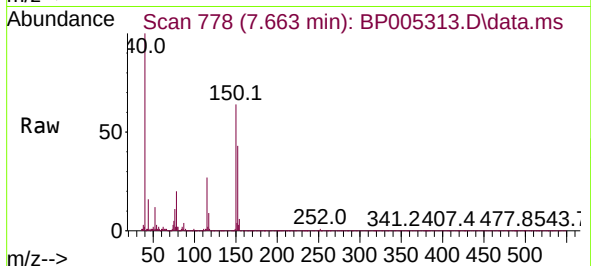




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.663 min Scan# 778
Delta R.T. 0.000 min
Lab File: BP005313.D
Acq: 16 Apr 2021 12:00

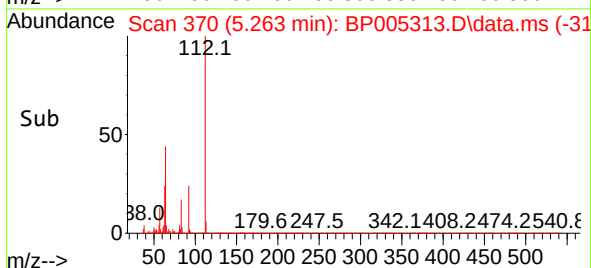
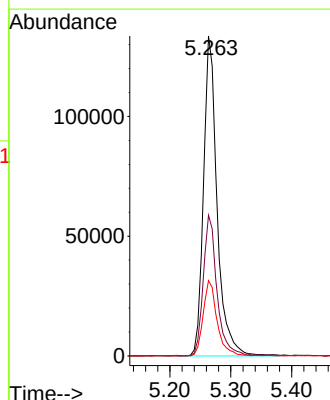
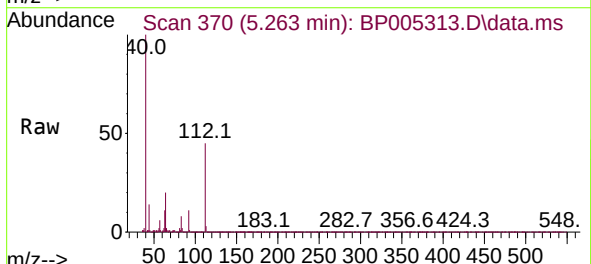
Instrument :
BNA_P
ClientSampleId :
SB-12-13.5-14.0

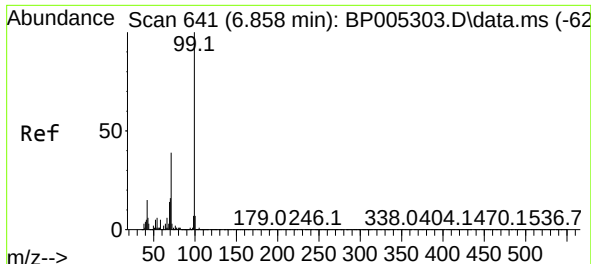
Tgt Ion:152 Resp: 32536
Ion Ratio Lower Upper
152 100
150 150.7 122.9 184.3
115 63.5 52.2 78.2



#5
2-Fluorophenol
Concen: 77.44 ng
RT: 5.263 min Scan# 370
Delta R.T. -0.000 min
Lab File: BP005313.D
Acq: 16 Apr 2021 12:00

Tgt Ion:112 Resp: 206652
Ion Ratio Lower Upper
112 100
64 44.0 37.6 56.4
63 23.5 20.4 30.6

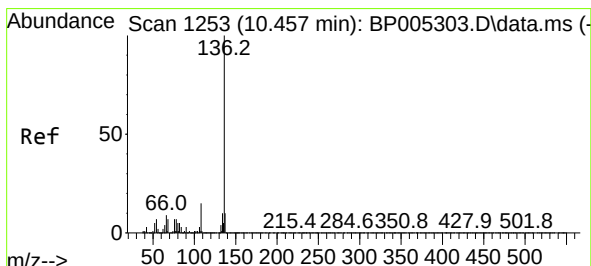
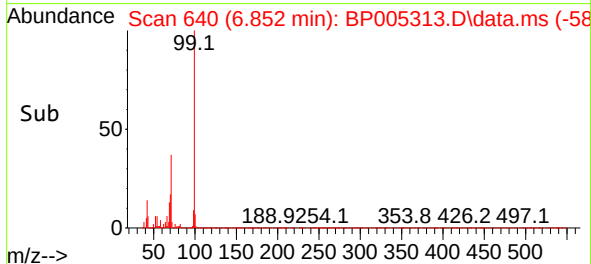
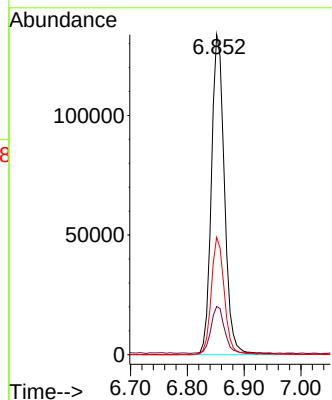
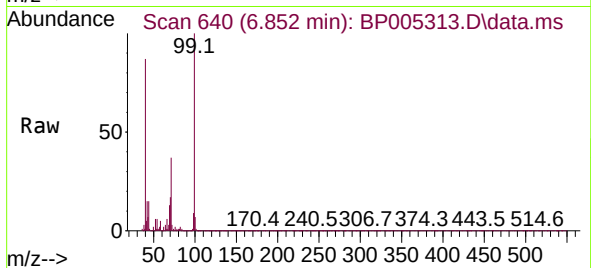




#7
Phenol-d6
Concen: 68.92 ng
RT: 6.852 min Scan# 640
Delta R.T. -0.000 min
Lab File: BP005313.D
Acq: 16 Apr 2021 12:00

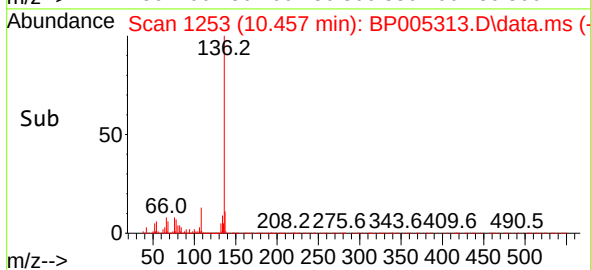
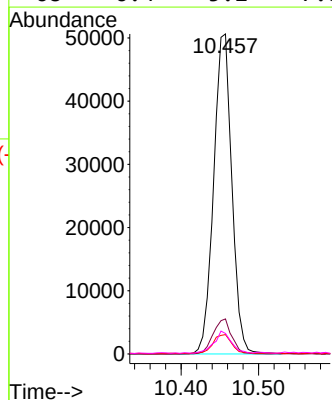
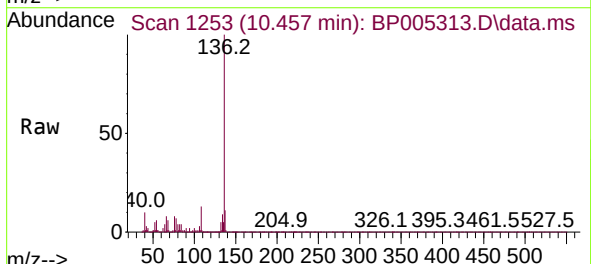
Instrument :
BNA_P
ClientSampleId :
SB-12-13.5-14.0

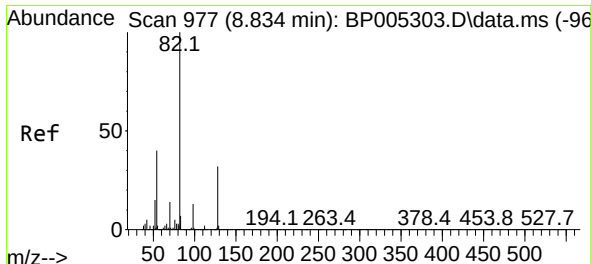
Tgt Ion: 99 Resp: 212685
Ion Ratio Lower Upper
99 100
42 15.0 12.0 18.0
71 36.7 31.4 47.2



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.457 min Scan# 1253
Delta R.T. 0.006 min
Lab File: BP005313.D
Acq: 16 Apr 2021 12:00

Tgt Ion: 136 Resp: 82790
Ion Ratio Lower Upper
136 100
137 11.0 8.4 12.6
54 6.1 5.8 8.8
68 6.4 5.2 7.8

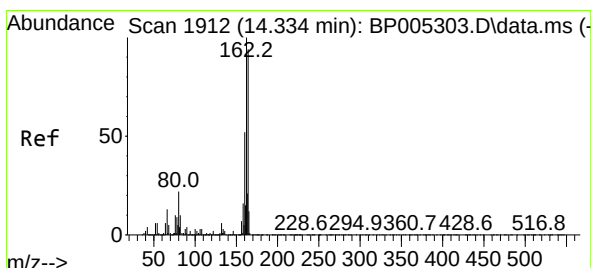
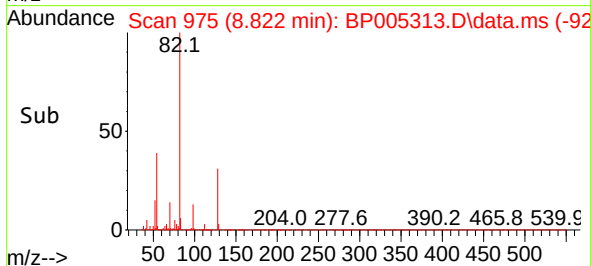
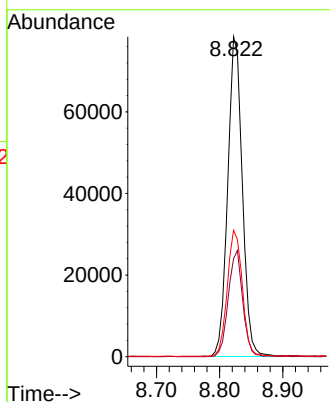
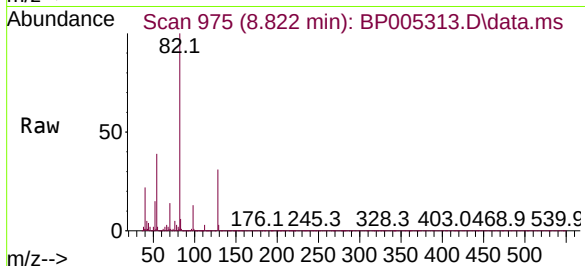




#23
Nitrobenzene-d5
Concen: 46.96 ng
RT: 8.822 min Scan# 975
Delta R.T. -0.006 min
Lab File: BP005313.D
Acq: 16 Apr 2021 12:00

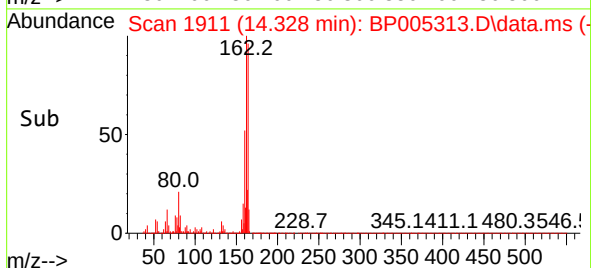
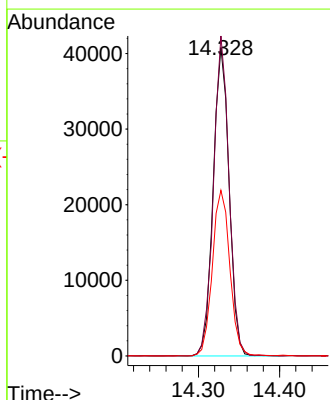
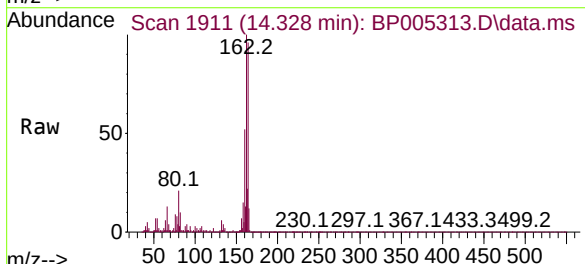
Instrument :
BNA_P
ClientSampleId :
SB-12-13.5-14.0

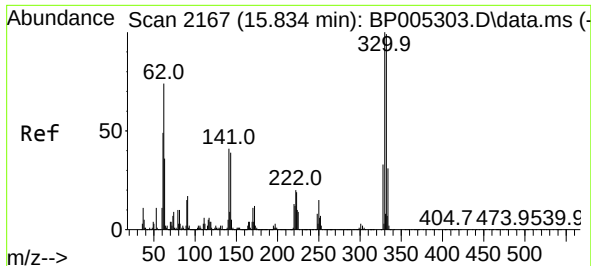
Tgt Ion: 82 Resp: 125889
Ion Ratio Lower Upper
82 100
128 30.6 25.3 37.9
54 39.5 31.7 47.5



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.328 min Scan# 1911
Delta R.T. -0.000 min
Lab File: BP005313.D
Acq: 16 Apr 2021 12:00

Tgt Ion: 164 Resp: 55511
Ion Ratio Lower Upper
164 100
162 103.7 84.8 127.2
160 53.7 44.2 66.4

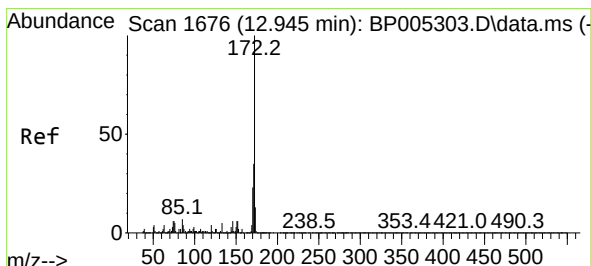
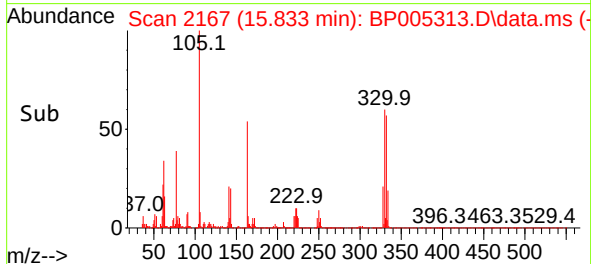
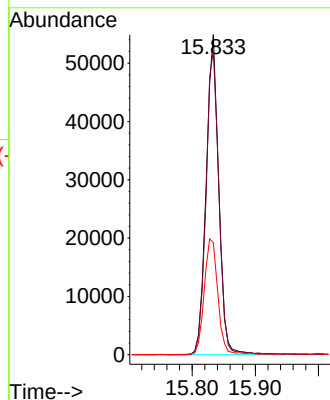
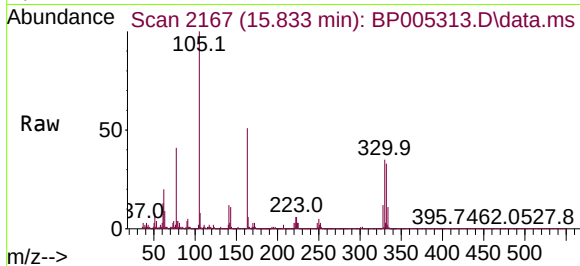




#42
2,4,6-Tribromophenol
Concen: 102.89 ng
RT: 15.833 min Scan# 2167
Delta R.T. -0.000 min
Lab File: BP005313.D
Acq: 16 Apr 2021 12:00

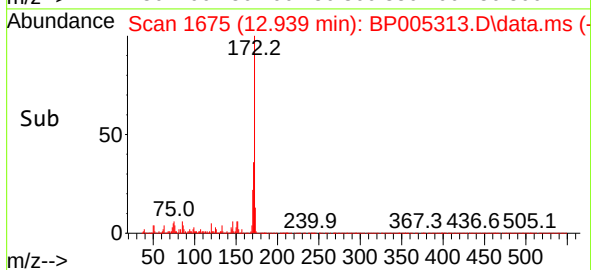
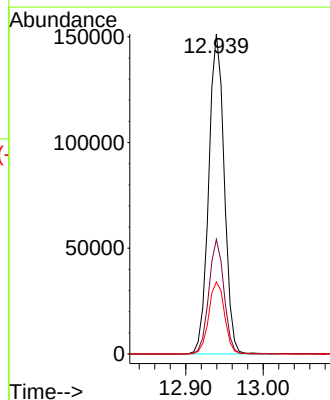
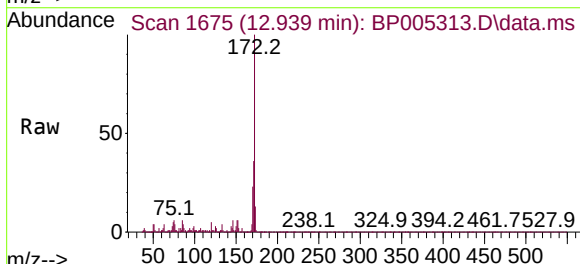
Instrument :
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ClientSampleId :
SB-12-13.5-14.0

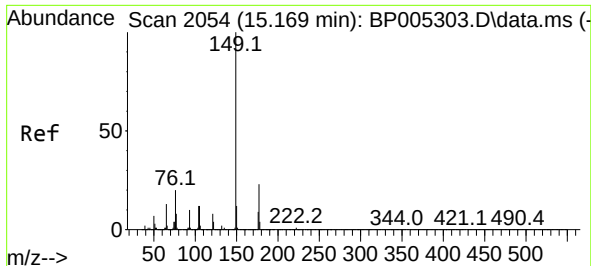
Tgt Ion:330 Resp: 75924
Ion Ratio Lower Upper
330 100
332 97.4 78.6 118.0
141 39.4 31.6 47.4



#45
2-Fluorobiphenyl
Concen: 50.29 ng
RT: 12.939 min Scan# 1675
Delta R.T. -0.000 min
Lab File: BP005313.D
Acq: 16 Apr 2021 12:00

Tgt Ion:172 Resp: 210169
Ion Ratio Lower Upper
172 100
171 35.8 27.8 41.8
170 22.5 18.7 28.1

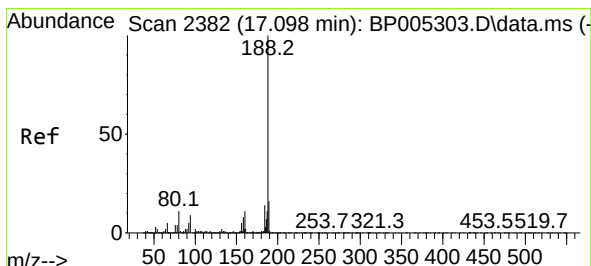
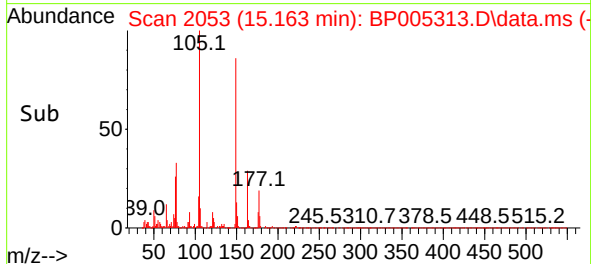
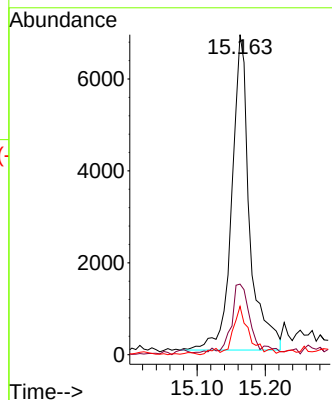
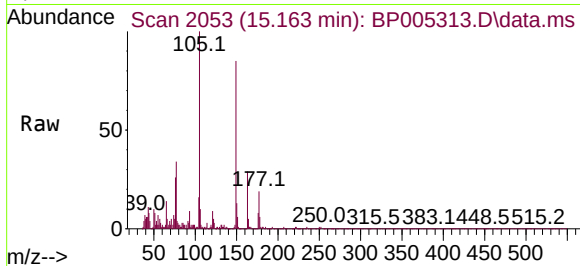




#60
Diethylphthalate
Concen: 6.87 ng
RT: 15.163 min Scan# 2053
Delta R.T. -0.000 min
Lab File: BP005313.D
Acq: 16 Apr 2021 12:00

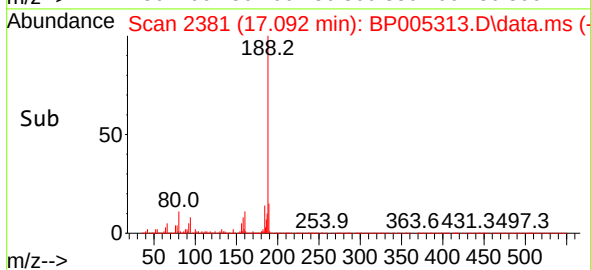
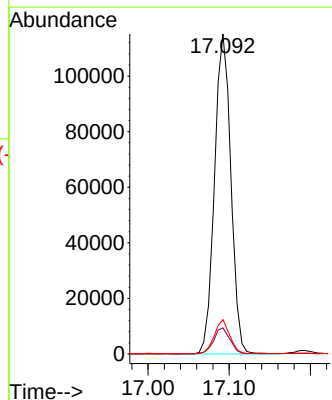
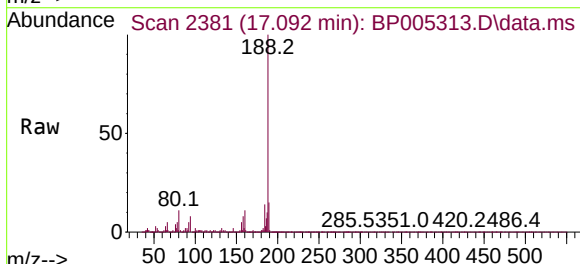
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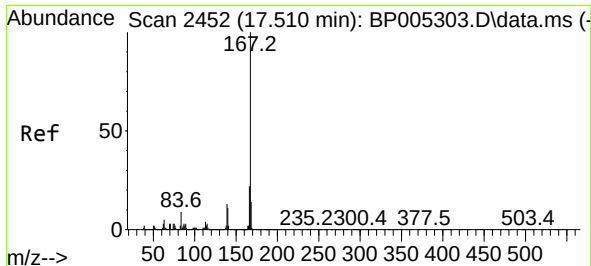
Tgt Ion:149 Resp: 12474
Ion Ratio Lower Upper
149 100
177 22.1 18.6 27.8
150 15.1 9.8 14.8#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.092 min Scan# 2381
Delta R.T. -0.000 min
Lab File: BP005313.D
Acq: 16 Apr 2021 12:00

Tgt Ion:188 Resp: 161030
Ion Ratio Lower Upper
188 100
94 8.1 7.0 10.6
80 10.7 8.4 12.6

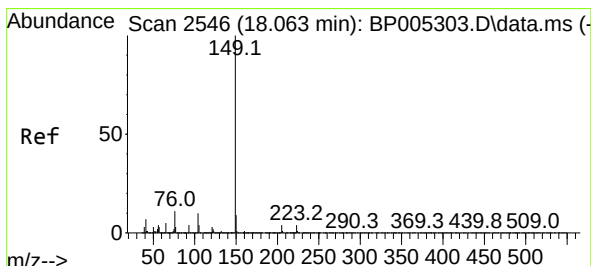
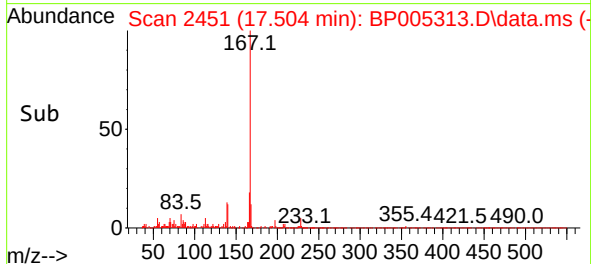
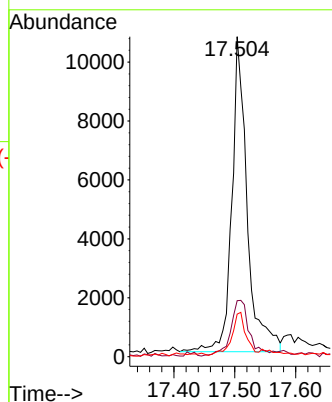
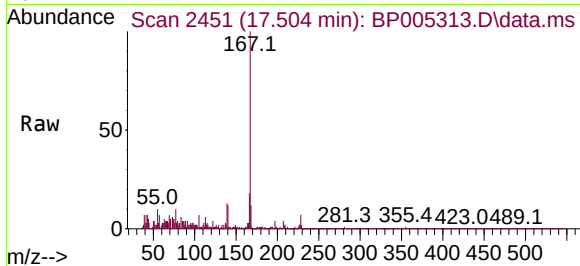




#73
Carbazole
Concen: 2.27 ng
RT: 17.504 min Scan# 2451
Delta R.T. -0.000 min
Lab File: BP005313.D
Acq: 16 Apr 2021 12:00

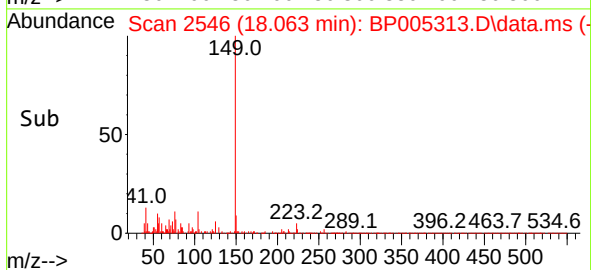
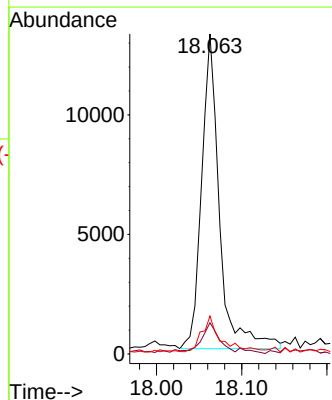
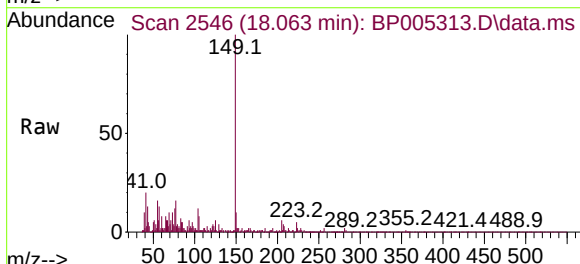
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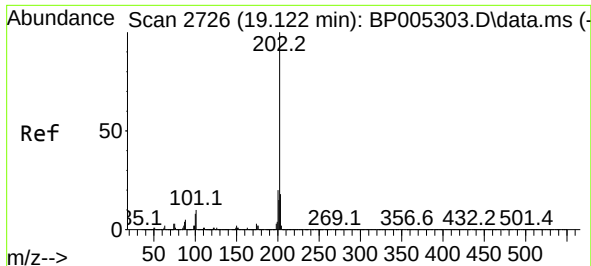
Tgt Ion:167 Resp: 18862
Ion Ratio Lower Upper
167 100
166 17.5 17.8 26.8#
139 13.3 10.2 15.2



#74
Di-n-butylphthalate
Concen: 2.64 ng
RT: 18.063 min Scan# 2546
Delta R.T. -0.000 min
Lab File: BP005313.D
Acq: 16 Apr 2021 12:00

Tgt Ion:149 Resp: 19129
Ion Ratio Lower Upper
149 100
150 9.8 7.3 10.9
104 11.8 8.1 12.1

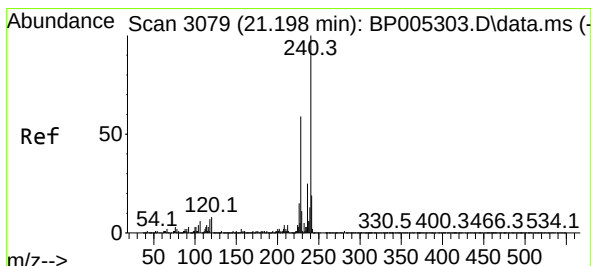
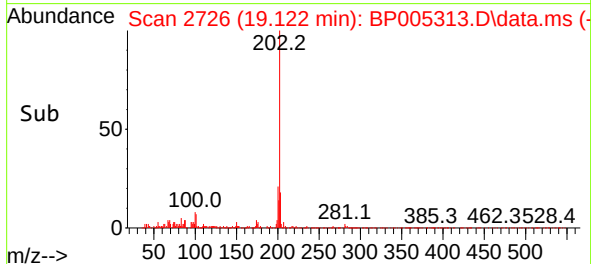
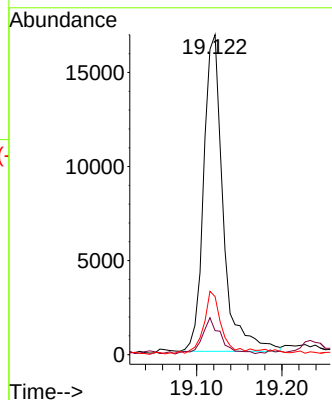
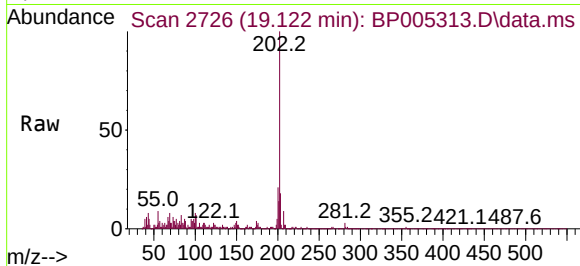




#75
Fluoranthene
Concen: 2.35 ng
RT: 19.122 min Scan# 2726
Delta R.T. 0.006 min
Lab File: BP005313.D
Acq: 16 Apr 2021 12:00

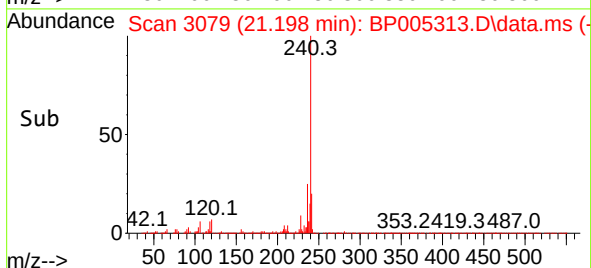
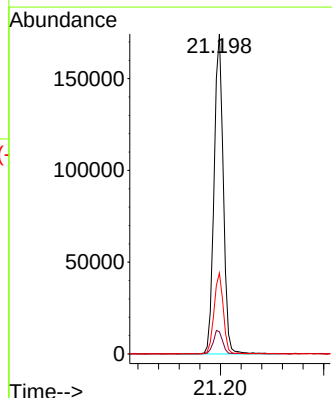
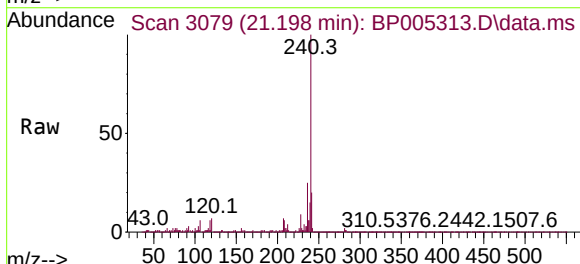
Instrument :
BNA_P
ClientSampleId :
SB-12-13.5-14.0

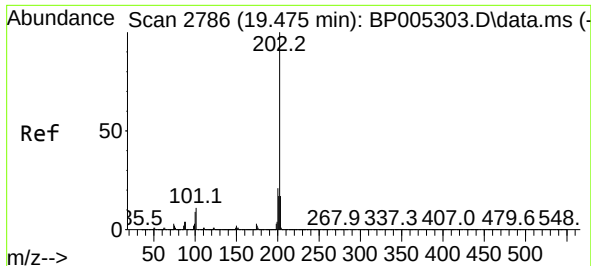
Tgt Ion:	202	Resp:	26641
Ion Ratio	Lower	Upper	
202	100		
101	7.5	0.0	29.6
203	18.1	0.0	37.6



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.198 min Scan# 3079
Delta R.T. -0.000 min
Lab File: BP005313.D
Acq: 16 Apr 2021 12:00

Tgt Ion:	240	Resp:	215506
Ion Ratio	Lower	Upper	
240	100		
120	6.9	6.5	9.7
236	25.3	19.8	29.6

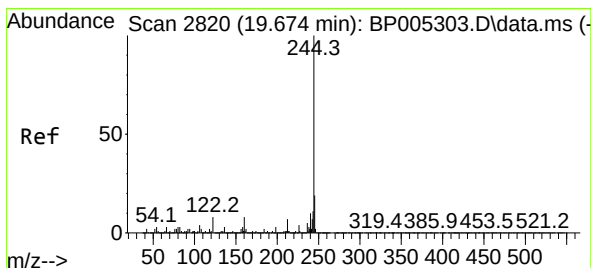
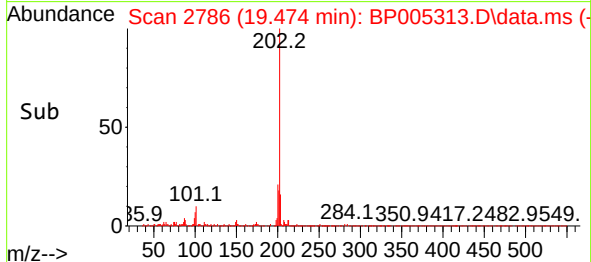
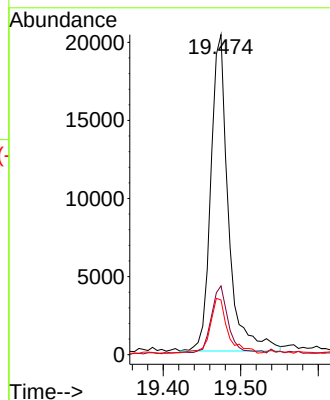
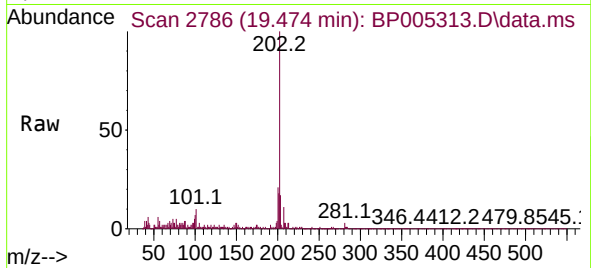




#78
Pyrene
Concen: 2.59 ng
RT: 19.474 min Scan# 2786
Delta R.T. -0.000 min
Lab File: BP005313.D
Acq: 16 Apr 2021 12:00

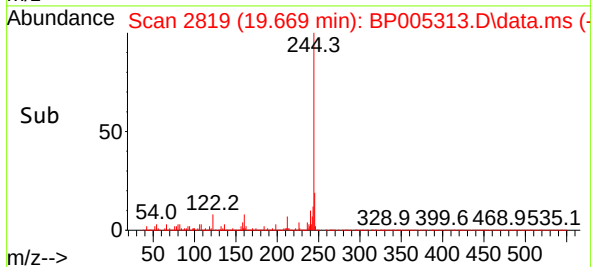
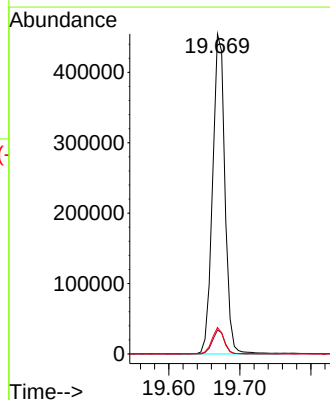
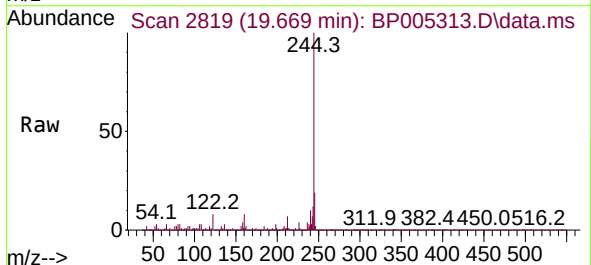
Instrument :
BNA_P
ClientSampleId :
SB-12-13.5-14.0

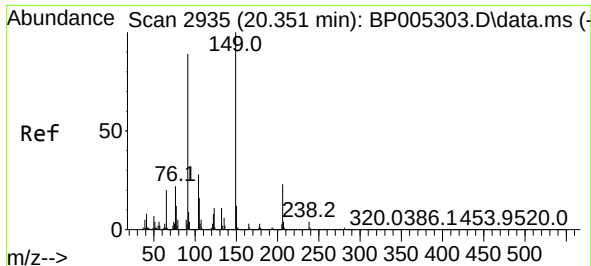
Tgt Ion:202	Resp:	31910
Ion Ratio	Lower	Upper
202	100	
200	21.5	16.5 24.7
203	17.1	13.9 20.9



#79
Terphenyl-d14
Concen: 50.21 ng
RT: 19.669 min Scan# 2819
Delta R.T. -0.000 min
Lab File: BP005313.D
Acq: 16 Apr 2021 12:00

Tgt Ion:244	Resp:	547804
Ion Ratio	Lower	Upper
244	100	
212	7.5	5.8 8.6
122	8.3	6.7 10.1

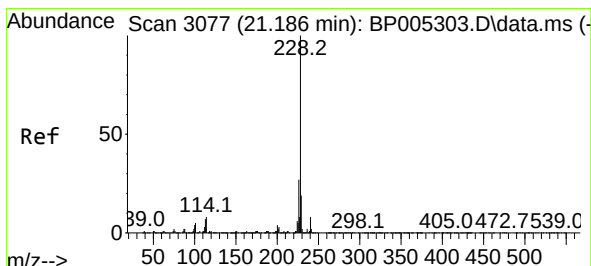
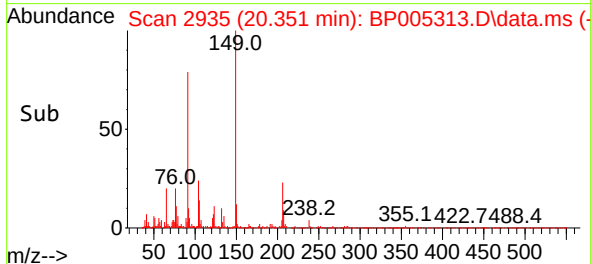
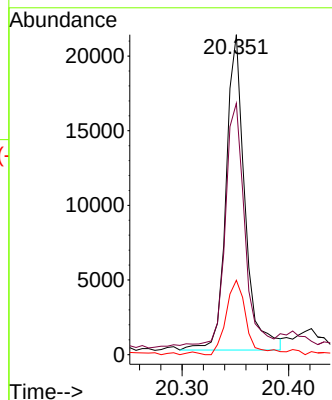
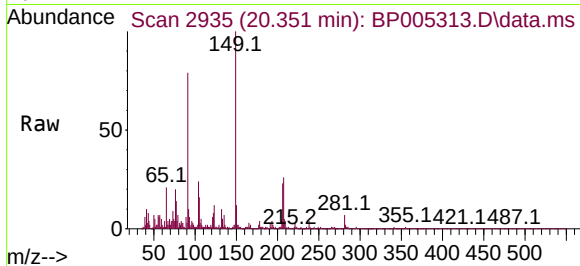




#80
Butylbenzylphthalate
Concen: 8.83 ng
RT: 20.351 min Scan# 2935
Delta R.T. -0.000 min
Lab File: BP005313.D
Acq: 16 Apr 2021 12:00

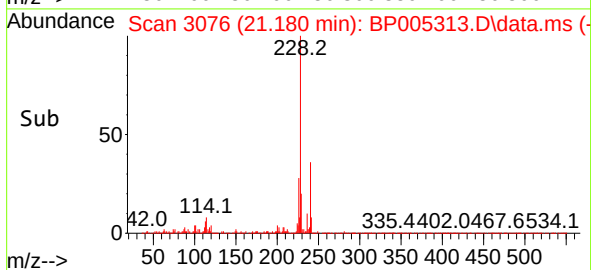
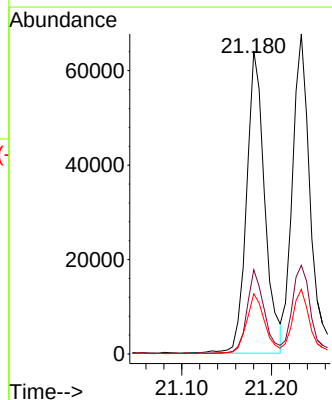
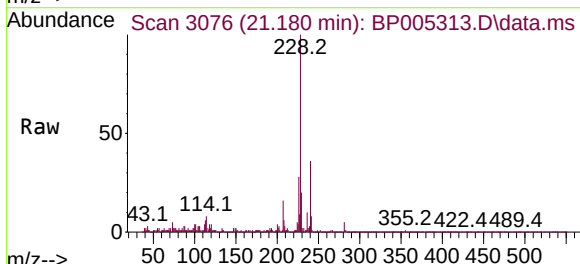
Instrument :
BNA_P
ClientSampleId :
SB-12-13.5-14.0

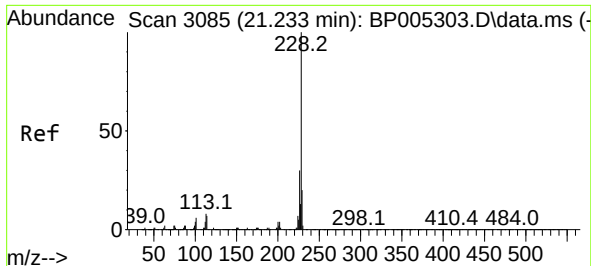
Tgt Ion:	149	Resp:	25842
Ion Ratio	Lower	Upper	
149	100		
91	78.5	71.2	106.8
206	23.3	18.6	28.0



#81
Benzo(a)anthracene
Concen: 6.54 ng
RT: 21.180 min Scan# 3076
Delta R.T. -0.000 min
Lab File: BP005313.D
Acq: 16 Apr 2021 12:00

Tgt Ion:	228	Resp:	89998
Ion Ratio	Lower	Upper	
228	100		
226	27.8	21.5	32.3
229	19.8	15.6	23.4

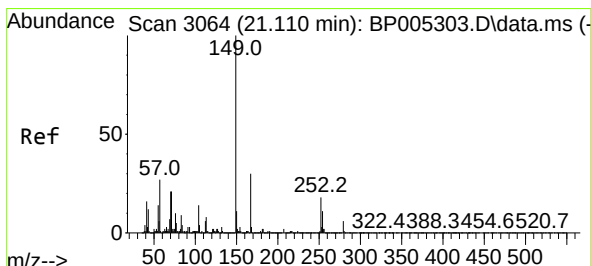
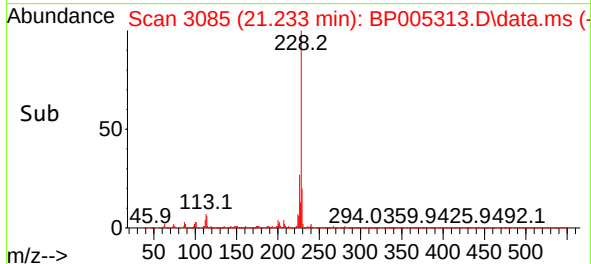
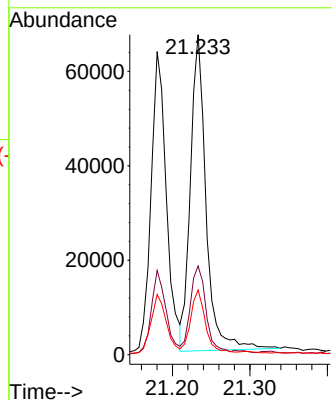
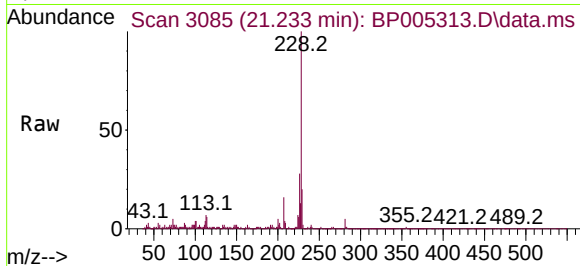




#83
Chrysene
Concen: 6.88 ng
RT: 21.233 min Scan# 3085
Delta R.T. -0.000 min
Lab File: BP005313.D
Acq: 16 Apr 2021 12:00

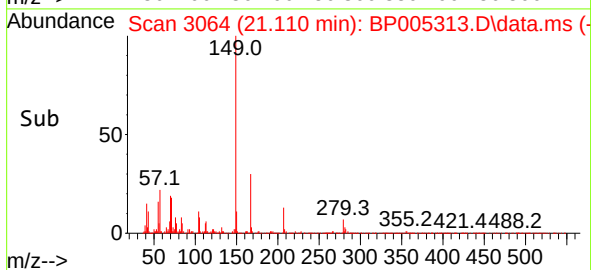
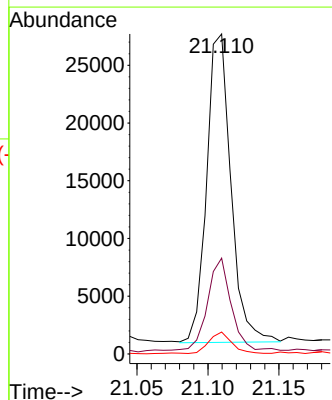
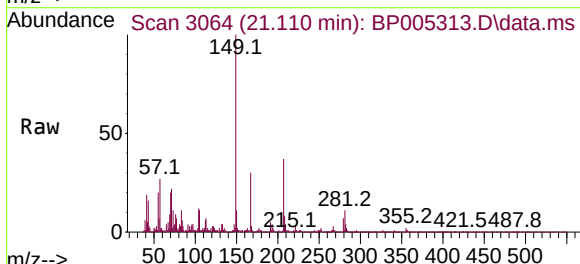
Instrument :
BNA_P
ClientSampleId :
SB-12-13.5-14.0

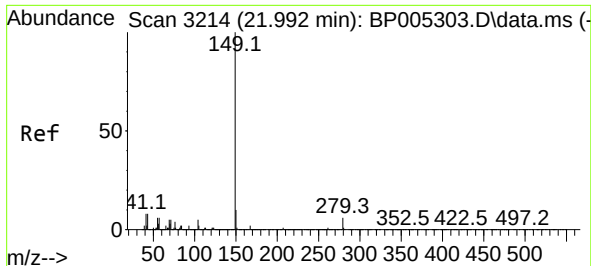
Tgt Ion:	228	Resp:	93626
Ion Ratio	Lower	Upper	
228	100		
226	27.7	24.0	36.0
229	20.2	15.6	23.4



#84
Bis(2-ethylhexyl)phthalate
Concen: 6.47 ng
RT: 21.110 min Scan# 3064
Delta R.T. 0.006 min
Lab File: BP005313.D
Acq: 16 Apr 2021 12:00

Tgt Ion:	149	Resp:	31850
Ion Ratio	Lower	Upper	
149	100		
167	30.0	23.8	35.8
279	6.9	4.6	6.8#

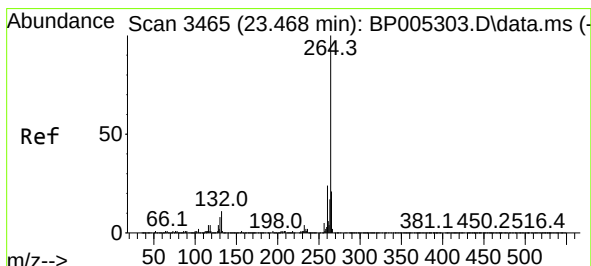
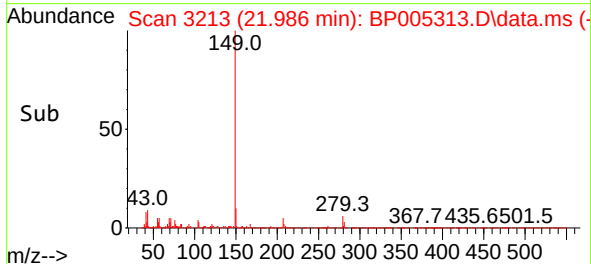
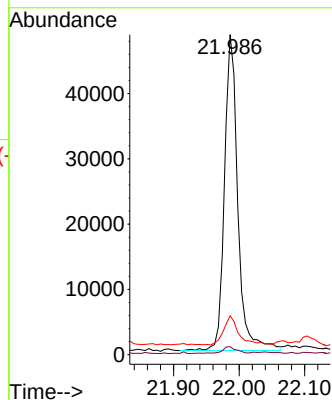
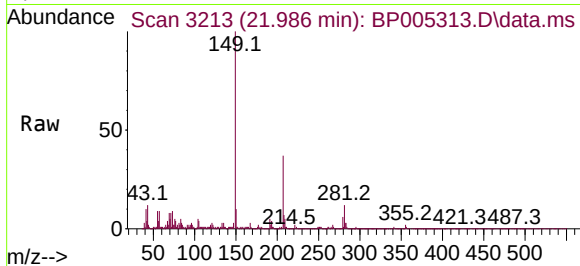




#85
Di-n-octyl phthalate
Concen: 7.47 ng
RT: 21.986 min Scan# 3213
Delta R.T. -0.000 min
Lab File: BP005313.D
Acq: 16 Apr 2021 12:00

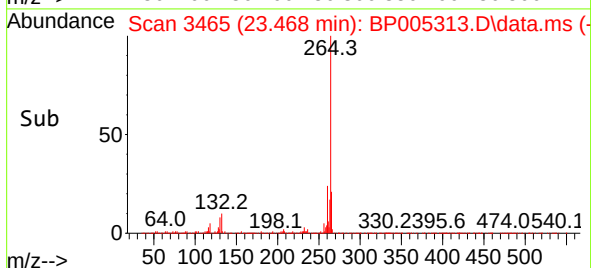
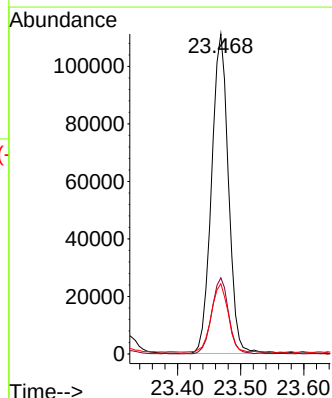
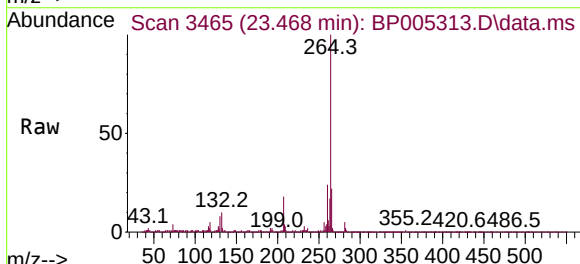
Instrument :
BNA_P
ClientSampleId :
SB-12-13.5-14.0

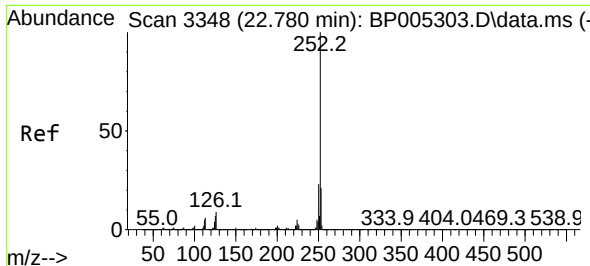
Tgt Ion:149 Resp: 68077
Ion Ratio Lower Upper
149 100
167 2.3 1.5 2.3#
43 10.4 6.9 10.3#



#86
Perylene-d12
Concen: 20.00 ng
RT: 23.468 min Scan# 3465
Delta R.T. 0.006 min
Lab File: BP005313.D
Acq: 16 Apr 2021 12:00

Tgt Ion:264 Resp: 206436
Ion Ratio Lower Upper
264 100
260 23.8 19.0 28.6
265 21.9 17.0 25.6

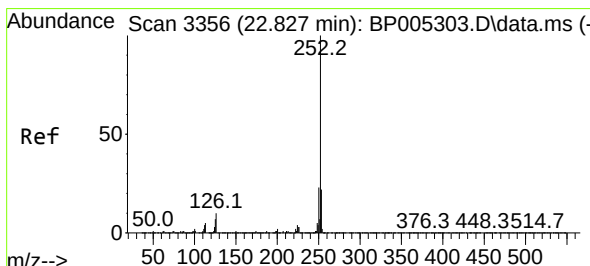
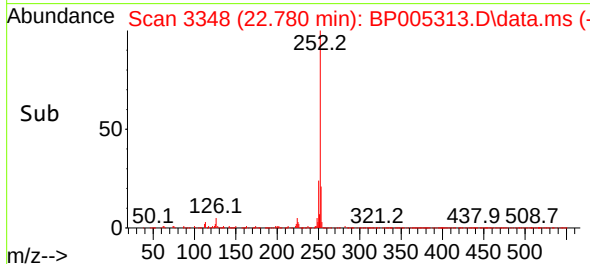
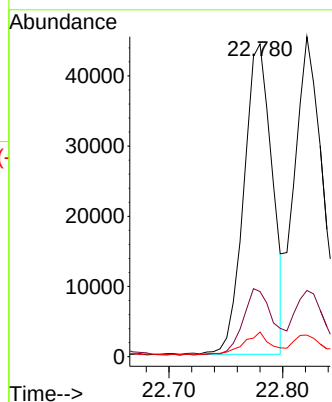
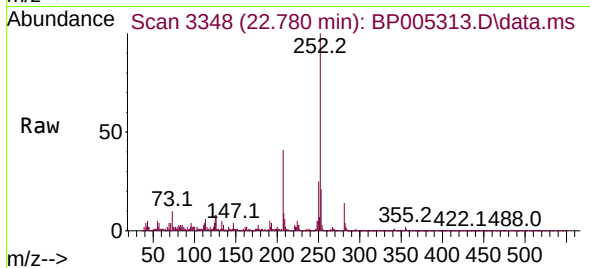




#88
Benzo(b)fluoranthene
Concen: 5.54 ng
RT: 22.780 min Scan# 3348
Delta R.T. -0.000 min
Lab File: BP005313.D
Acq: 16 Apr 2021 12:00

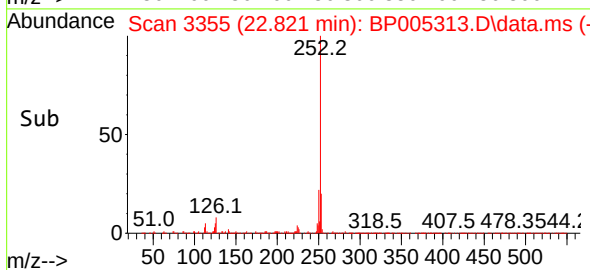
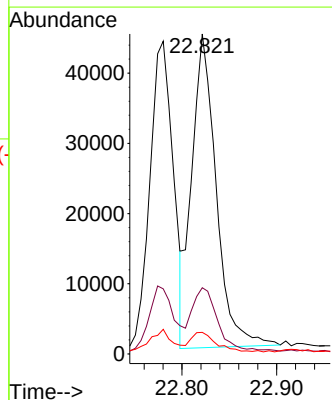
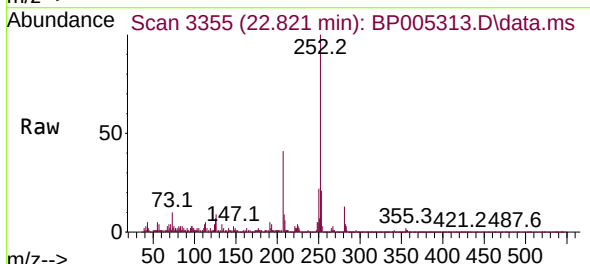
Instrument :
BNA_P
ClientSampleId :
SB-12-13.5-14.0

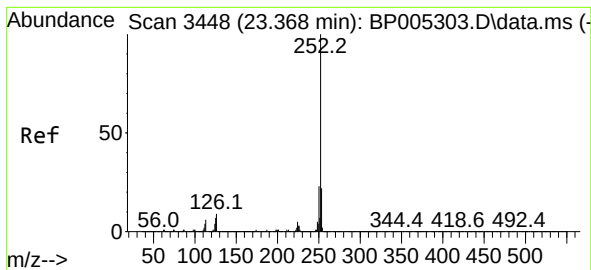
Tgt Ion:252 Resp: 76700
Ion Ratio Lower Upper
252 100
253 20.8 17.1 25.7
125 7.9 5.3 7.9



#89
Benzo(k)fluoranthene
Concen: 5.91 ng
RT: 22.821 min Scan# 3355
Delta R.T. -0.000 min
Lab File: BP005313.D
Acq: 16 Apr 2021 12:00

Tgt Ion:252 Resp: 80143
Ion Ratio Lower Upper
252 100
253 20.7 17.4 26.0
125 6.7 5.4 8.2





#90
Benzo(a)pyrene
Concen: 3.96 ng
RT: 23.362 min Scan# 3447
Delta R.T. -0.006 min
Lab File: BP005313.D
Acq: 16 Apr 2021 12:00

Instrument :
BNA_P
ClientSampleId :
SB-12-13.5-14.0

Tgt Ion:252 Resp: 50209
Ion Ratio Lower Upper
252 100
253 25.7 17.8 26.6
125 8.9 6.0 9.0

