

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

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

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

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

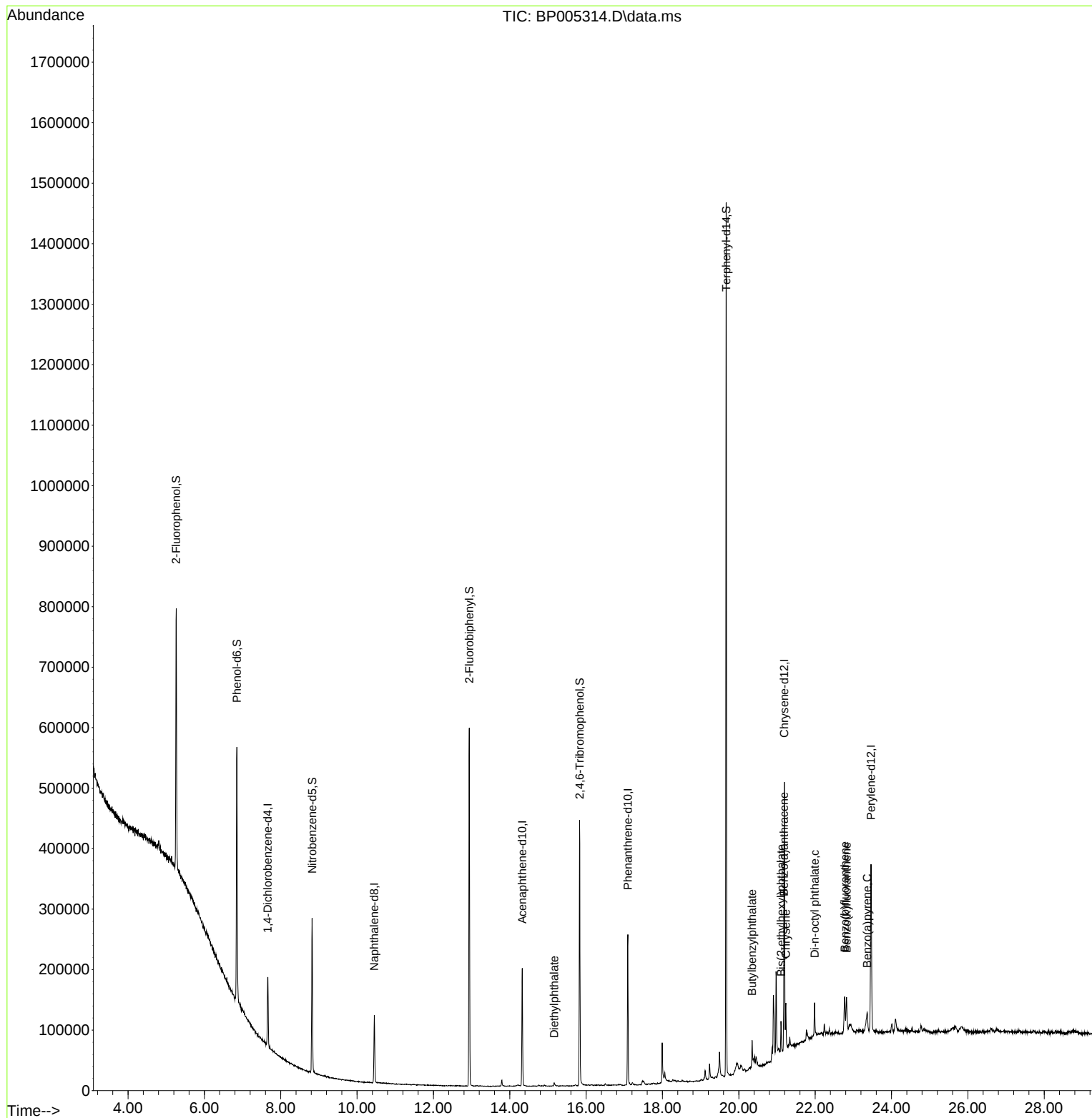
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.658	152	29442	20.00	ng	0.00
21) Naphthalene-d8	10.452	136	75536	20.00	ng	0.00
39) Acenaphthene-d10	14.328	164	49886	20.00	ng	0.00
64) Phenanthrene-d10	17.092	188	125646	20.00	ng	0.00
76) Chrysene-d12	21.192	240	185697	20.00	ng	0.00
86) Perylene-d12	23.463	264	191851	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.264	112	209553	86.78	ng	0.00
7) Phenol-d6	6.852	99	231600	82.93	ng	0.00
23) Nitrobenzene-d5	8.822	82	149306	61.04	ng	0.00
42) 2,4,6-Tribromophenol	15.834	330	70214	105.88	ng	0.00
45) 2-Fluorobiphenyl	12.940	172	250336	66.65	ng	0.00
79) Terphenyl-d14	19.669	244	556893	59.24	ng	0.00
Target Compounds						
						Qvalue
60) Diethylphthalate	15.163	149	3168	4.91	ng	93
80) Butylbenzylphthalate	20.345	149	9877	3.91	ng	92
81) Benzo(a)anthracene	21.180	228	40931	3.45	ng	99
83) Chrysene	21.233	228	39585	3.38	ng	97
84) Bis(2-ethylhexyl)phtha...	21.104	149	13442	3.17	ng	94
85) Di-n-octyl phthalate	21.986	149	29871	3.80	ng	99
88) Benzo(b)fluoranthene	22.774	252	40956	3.19	ng	95
89) Benzo(k)fluoranthene	22.822	252	41009	3.25	ng	98
90) Benzo(a)pyrene	23.363	252	25718	2.18	ng	97

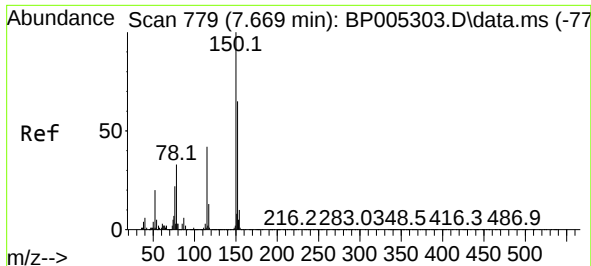
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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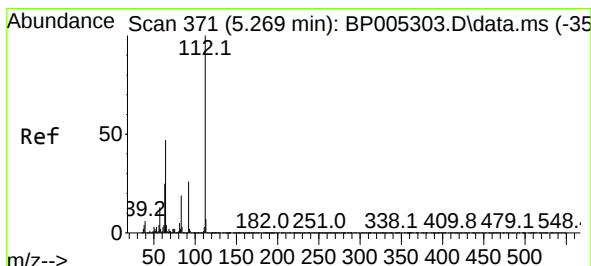
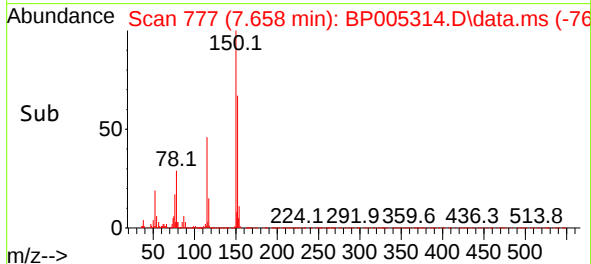
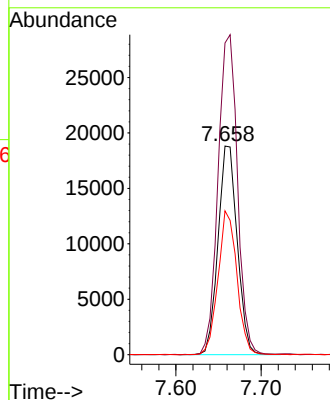
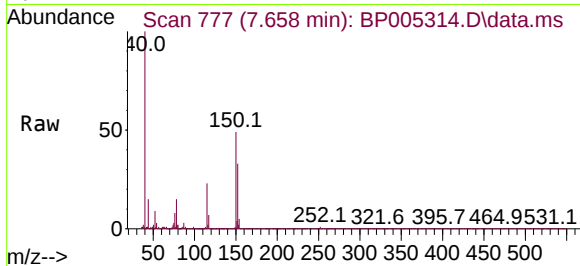




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.658 min Scan# 777
Delta R.T. -0.005 min
Lab File: BP005314.D
Acq: 16 Apr 2021 12:34

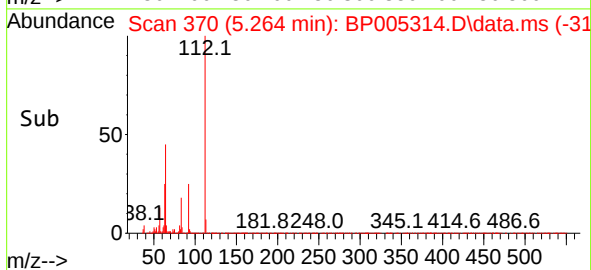
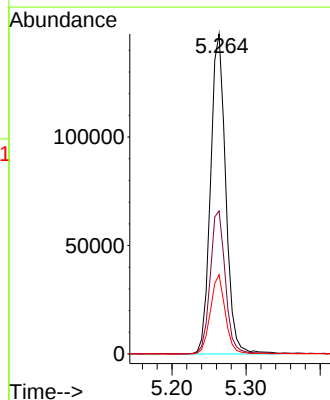
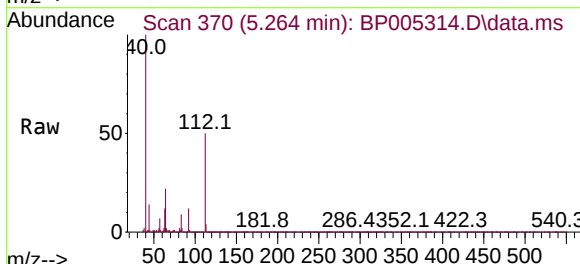
Instrument :
BNA_P
ClientSampleId :
SB-10-8.5-9.0

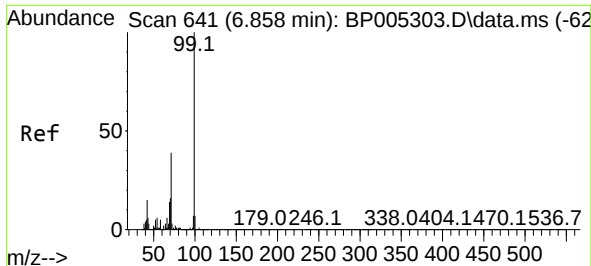
Tgt Ion:152 Resp: 29442
Ion Ratio Lower Upper
152 100
150 149.3 122.9 184.3
115 68.9 52.2 78.2



#5
2-Fluorophenol
Concen: 86.78 ng
RT: 5.264 min Scan# 370
Delta R.T. 0.000 min
Lab File: BP005314.D
Acq: 16 Apr 2021 12:34

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

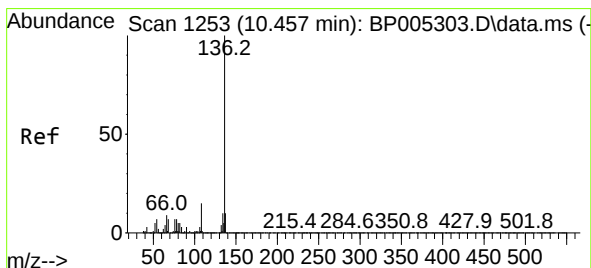
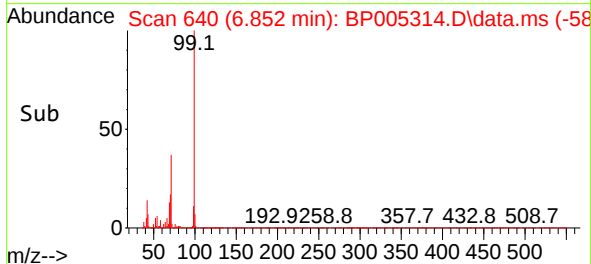
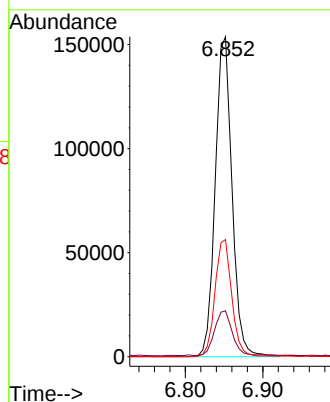
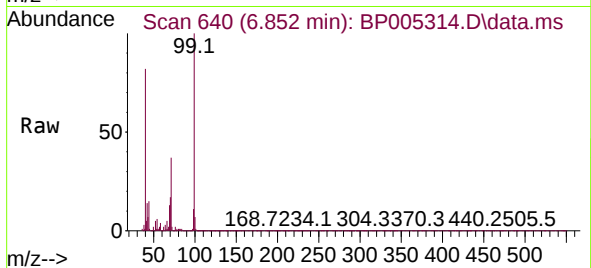




#7
Phenol-d6
Concen: 82.93 ng
RT: 6.852 min Scan# 640
Delta R.T. 0.000 min
Lab File: BP005314.D
Acq: 16 Apr 2021 12:34

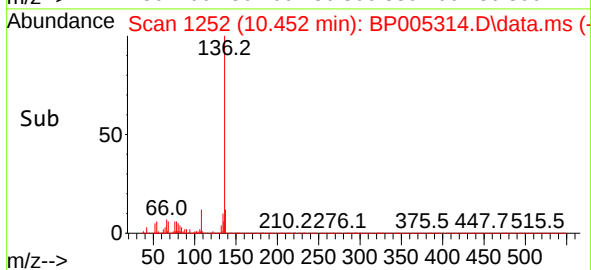
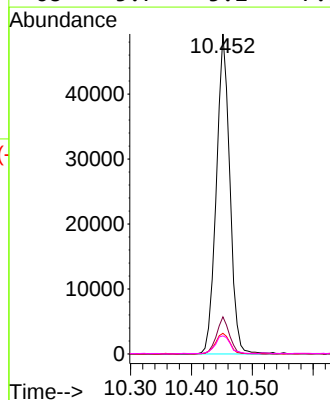
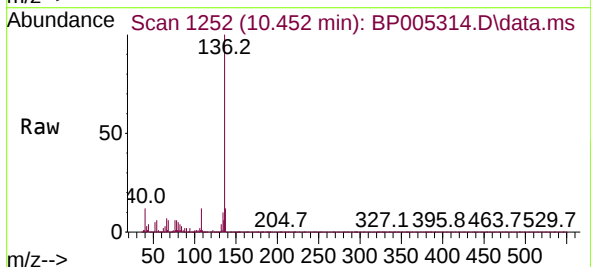
Instrument :
BNA_P
ClientSampleId :
SB-10-8.5-9.0

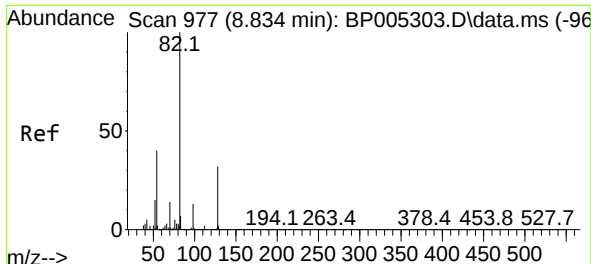
Tgt Ion:	99	Resp:	231600
Ion	Ratio	Lower	Upper
99	100		
42	14.3	12.0	18.0
71	36.6	31.4	47.2



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.452 min Scan# 1252
Delta R.T. 0.000 min
Lab File: BP005314.D
Acq: 16 Apr 2021 12:34

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





#23

Nitrobenzene-d5

Concen: 61.04 ng

RT: 8.822 min Scan# 975

Delta R.T. -0.006 min

Lab File: BP005314.D

Acq: 16 Apr 2021 12:34

Instrument :

BNA_P

ClientSampleId :

SB-10-8.5-9.0

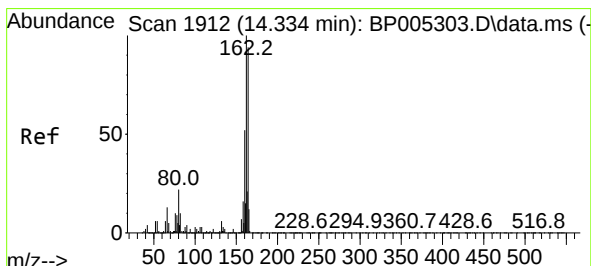
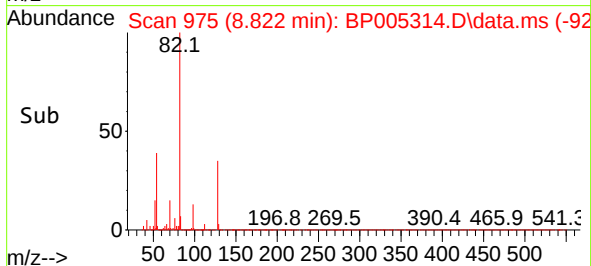
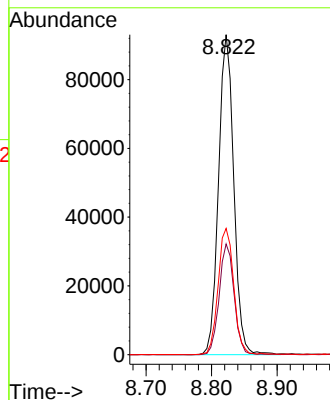
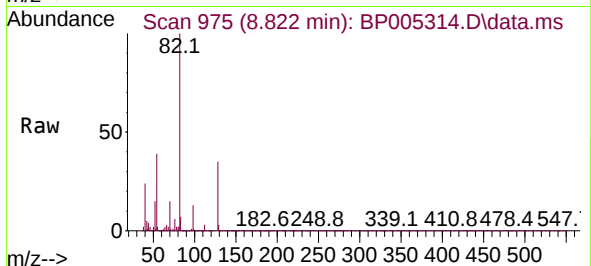
Tgt Ion: 82 Resp: 149306

Ion Ratio Lower Upper

82 100

128 34.6 25.3 37.9

54 39.5 31.7 47.5



#39

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.328 min Scan# 1911

Delta R.T. 0.000 min

Lab File: BP005314.D

Acq: 16 Apr 2021 12:34

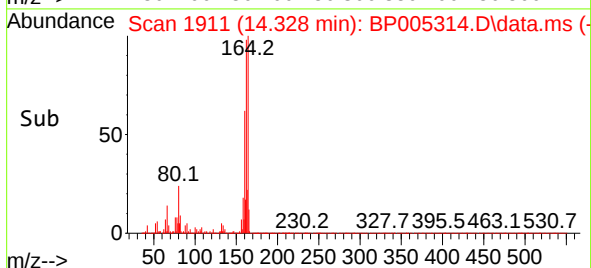
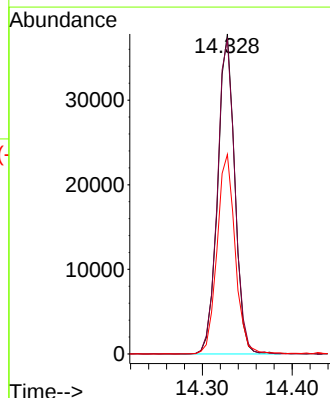
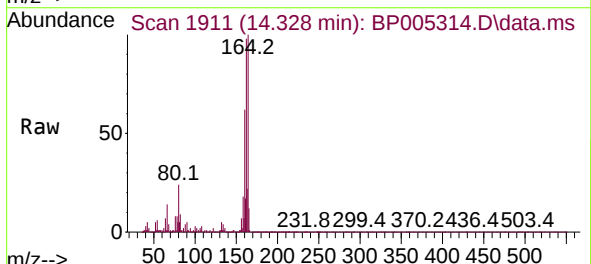
Tgt Ion: 164 Resp: 49886

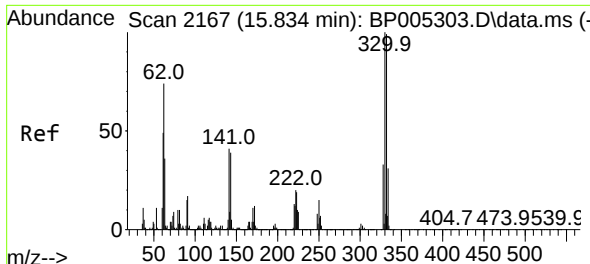
Ion Ratio Lower Upper

164 100

162 98.2 84.8 127.2

160 62.3 44.2 66.4

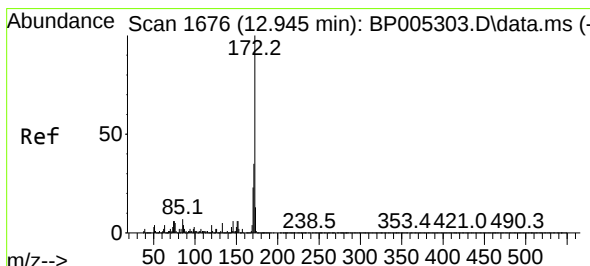
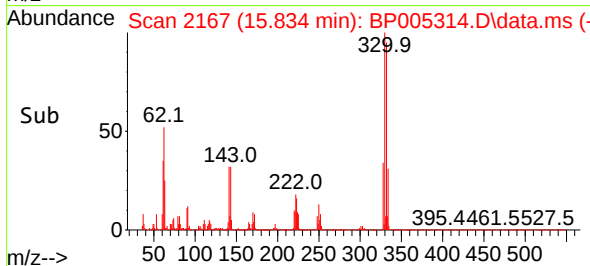
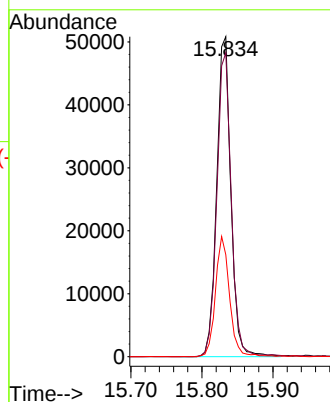
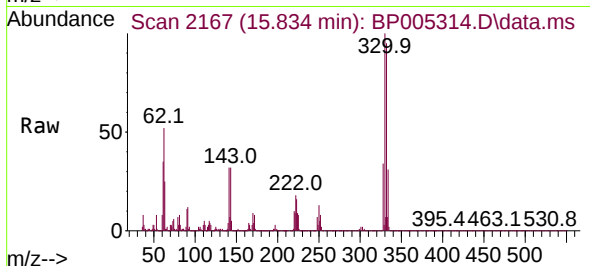




#42
2,4,6-Tribromophenol
Concen: 105.88 ng
RT: 15.834 min Scan# 2167
Delta R.T. 0.000 min
Lab File: BP005314.D
Acq: 16 Apr 2021 12:34

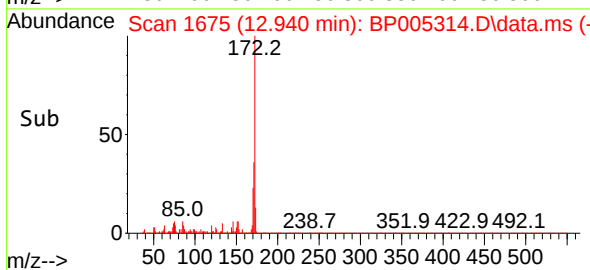
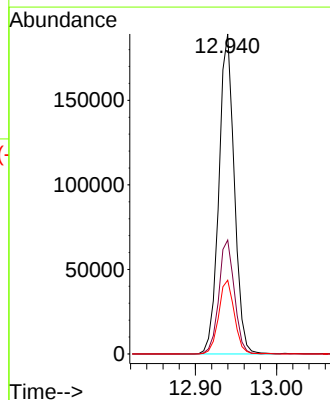
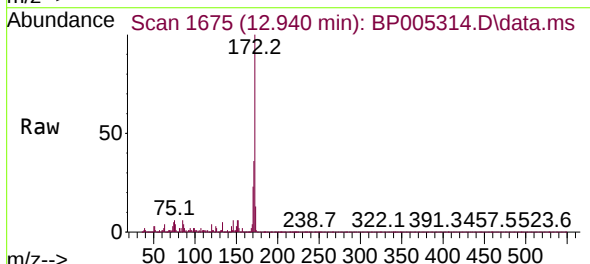
Instrument :
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ClientSampleId :
SB-10-8.5-9.0

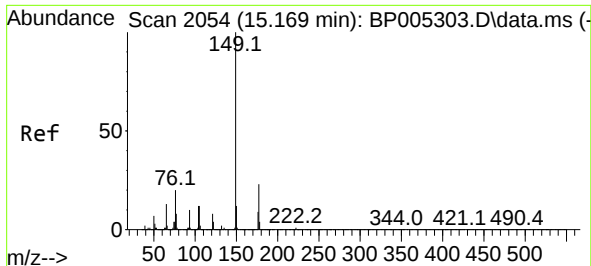
Tgt Ion:330 Resp: 70214
Ion Ratio Lower Upper
330 100
332 96.2 78.6 118.0
141 37.3 31.6 47.4



#45
2-Fluorobiphenyl
Concen: 66.65 ng
RT: 12.940 min Scan# 1675
Delta R.T. 0.000 min
Lab File: BP005314.D
Acq: 16 Apr 2021 12:34

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

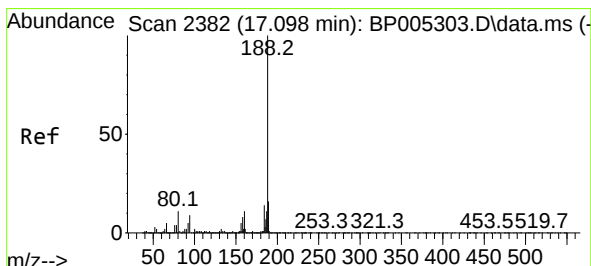
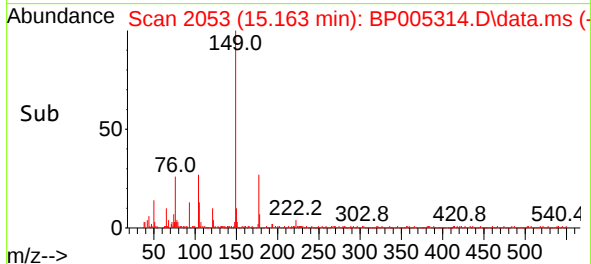
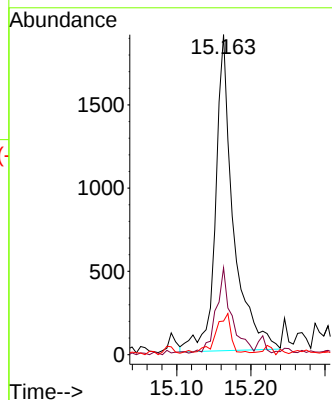
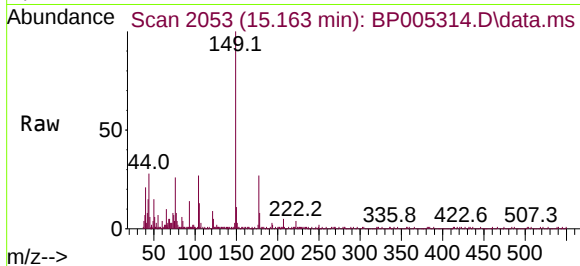




#60
Diethylphthalate
Concen: 4.91 ng
RT: 15.163 min Scan# 2053
Delta R.T. 0.000 min
Lab File: BP005314.D
Acq: 16 Apr 2021 12:34

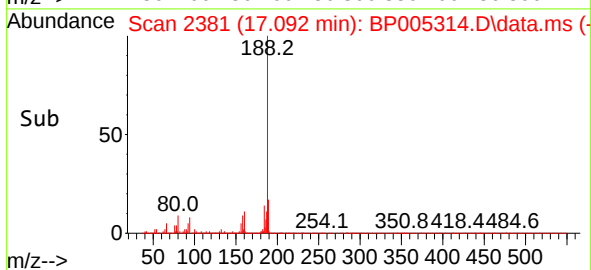
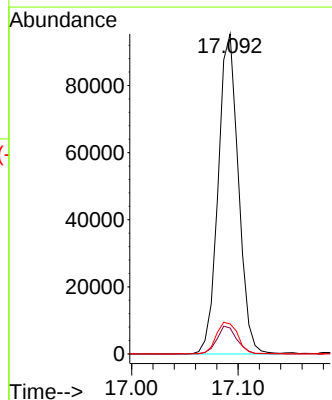
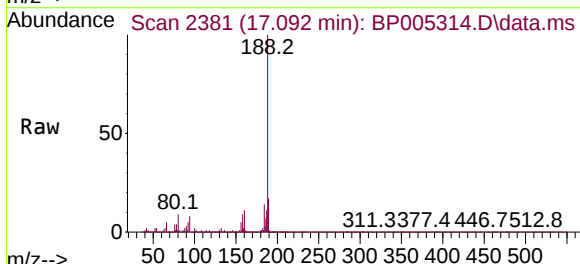
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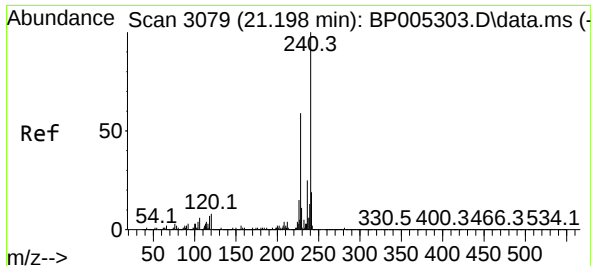
Tgt Ion:	149	Resp:	3168
Ion Ratio	Lower	Upper	
149	100		
177	27.2	18.6	27.8
150	10.5	9.8	14.8



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.092 min Scan# 2381
Delta R.T. 0.000 min
Lab File: BP005314.D
Acq: 16 Apr 2021 12:34

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

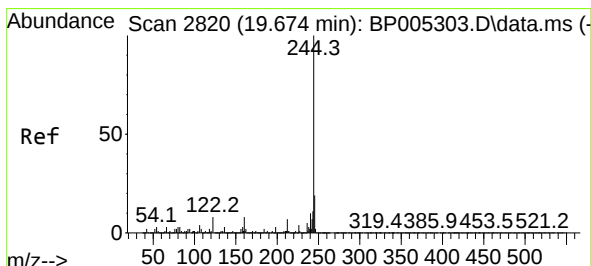
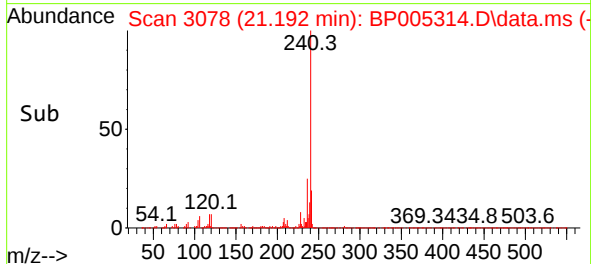
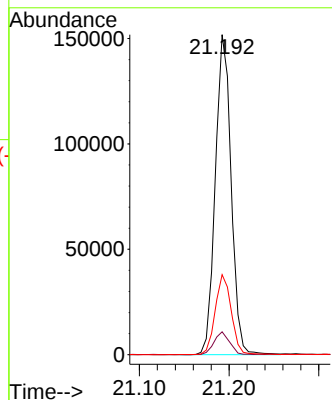
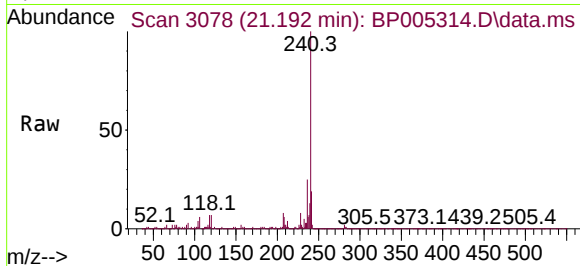




#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.192 min Scan# 3078
Delta R.T. -0.006 min
Lab File: BP005314.D
Acq: 16 Apr 2021 12:34

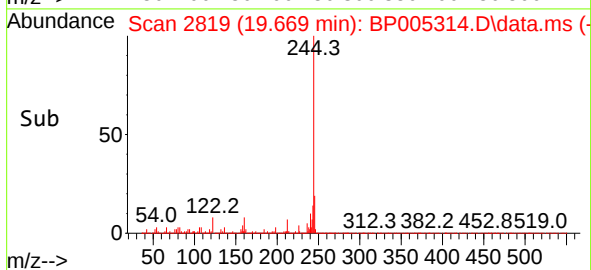
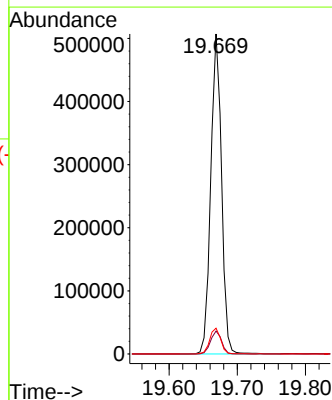
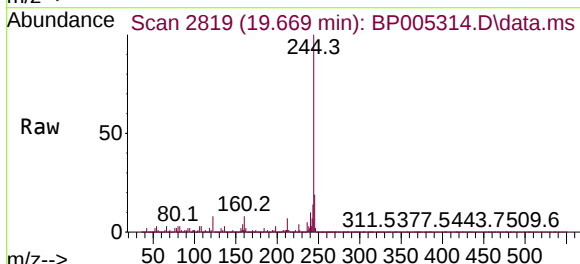
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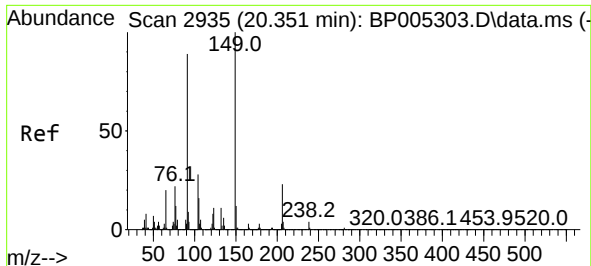
Tgt Ion:240 Resp: 185697
Ion Ratio Lower Upper
240 100
120 7.1 6.5 9.7
236 25.0 19.8 29.6



#79
Terphenyl-d14
Concen: 59.24 ng
RT: 19.669 min Scan# 2819
Delta R.T. 0.000 min
Lab File: BP005314.D
Acq: 16 Apr 2021 12:34

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

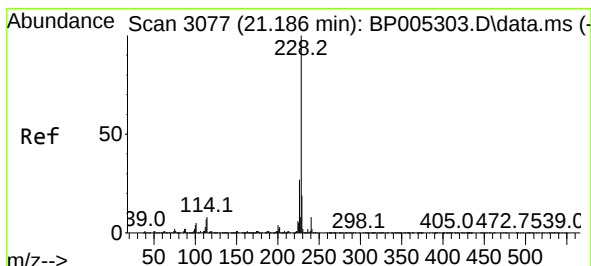
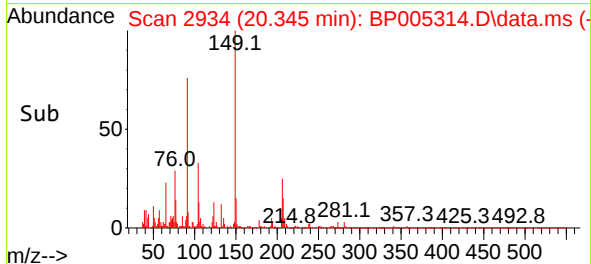
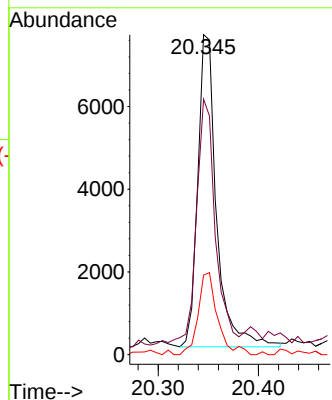
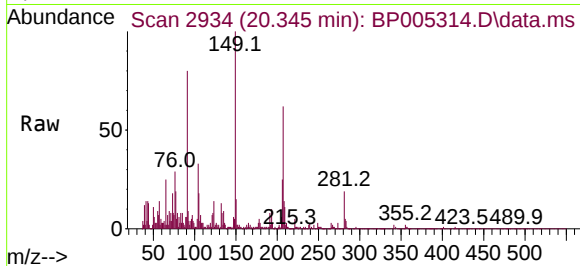




#80
Butylbenzylphthalate
Concen: 3.91 ng
RT: 20.345 min Scan# 2934
Delta R.T. -0.006 min
Lab File: BP005314.D
Acq: 16 Apr 2021 12:34

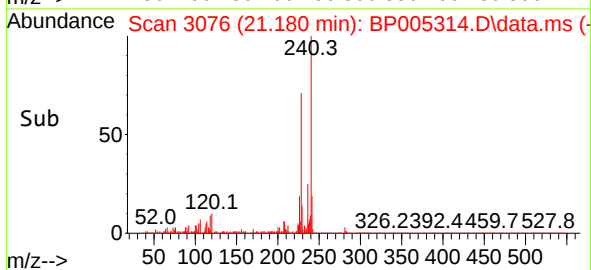
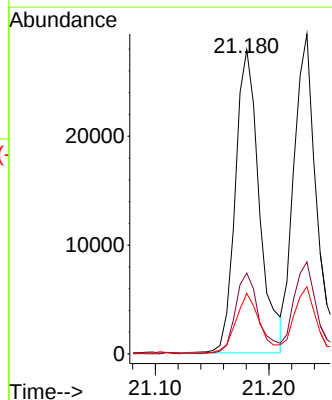
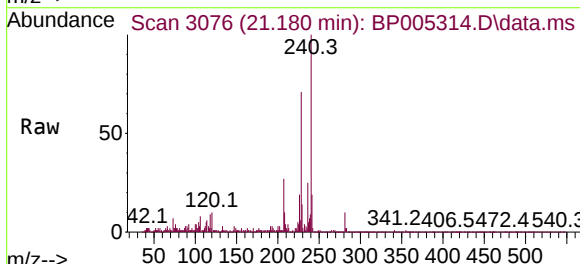
Instrument :
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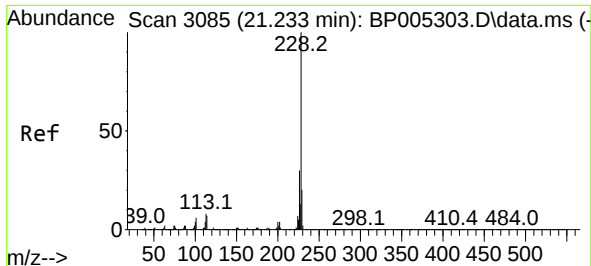
Tgt Ion:	149	Resp:	9877
Ion Ratio	Lower	Upper	
149	100		
91	79.9	71.2	106.8
206	24.9	18.6	28.0



#81
Benzo(a)anthracene
Concen: 3.45 ng
RT: 21.180 min Scan# 3076
Delta R.T. 0.000 min
Lab File: BP005314.D
Acq: 16 Apr 2021 12:34

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

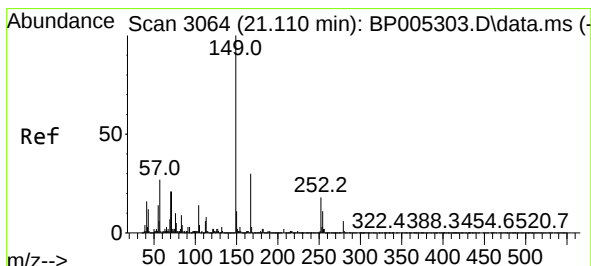
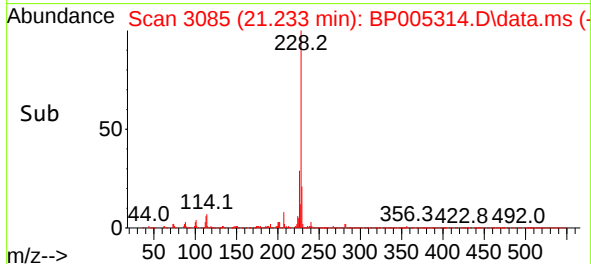
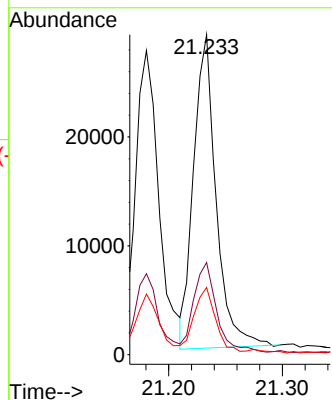
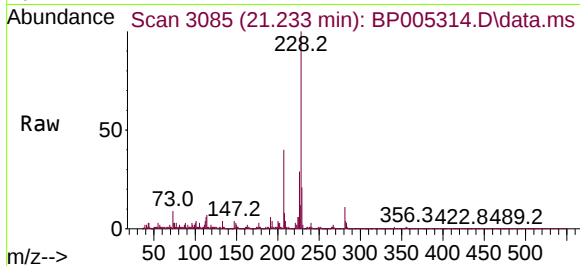




#83
Chrysene
Concen: 3.38 ng
RT: 21.233 min Scan# 3085
Delta R.T. 0.000 min
Lab File: BP005314.D
Acq: 16 Apr 2021 12:34

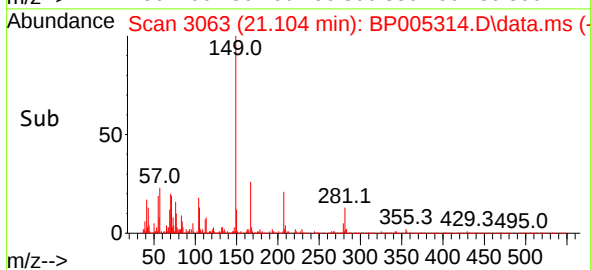
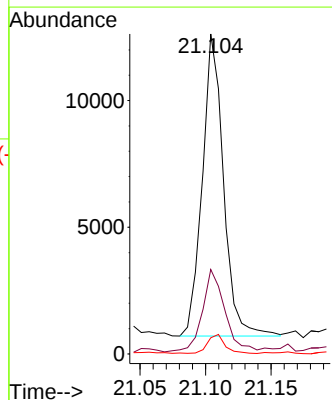
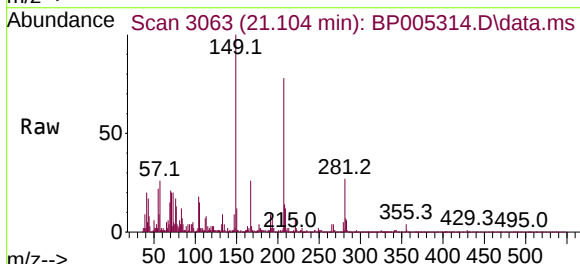
Instrument :
BNA_P
ClientSampleId :
SB-10-8.5-9.0

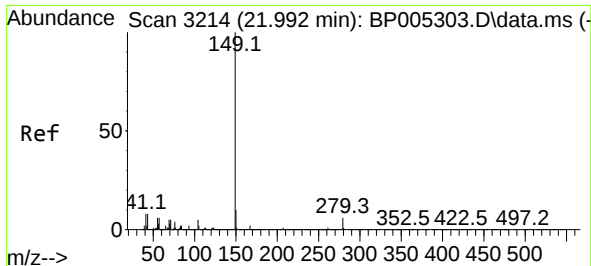
Tgt Ion:	228	Resp:	39585
Ion Ratio	Lower	Upper	
228	100		
226	28.8	24.0	36.0
229	21.0	15.6	23.4



#84
Bis(2-ethylhexyl)phthalate
Concen: 3.17 ng
RT: 21.104 min Scan# 3063
Delta R.T. 0.000 min
Lab File: BP005314.D
Acq: 16 Apr 2021 12:34

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

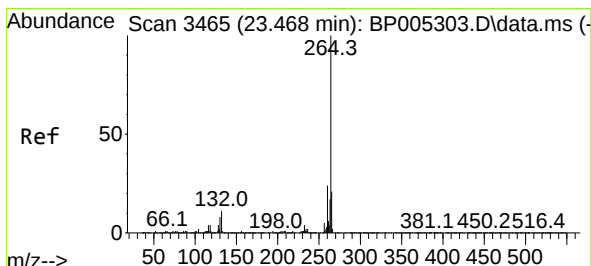
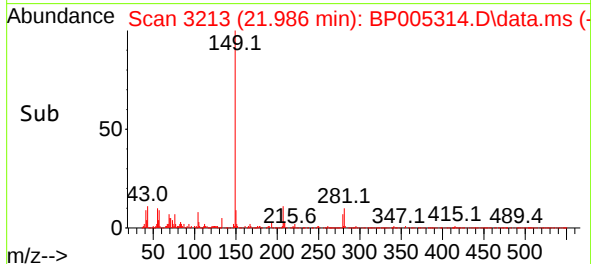
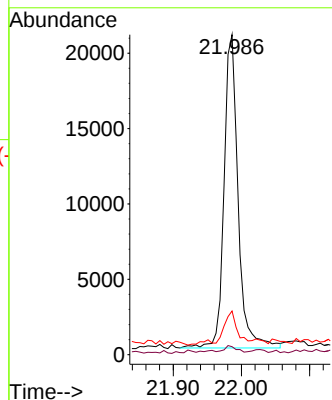
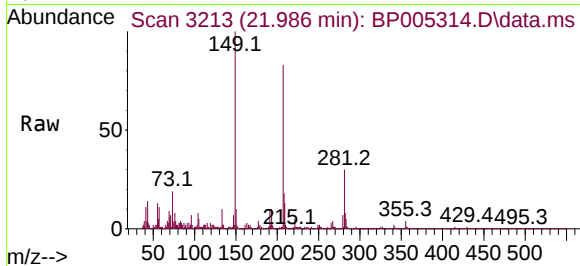




#85
Di-n-octyl phthalate
Concen: 3.80 ng
RT: 21.986 min Scan# 3213
Delta R.T. 0.000 min
Lab File: BP005314.D
Acq: 16 Apr 2021 12:34

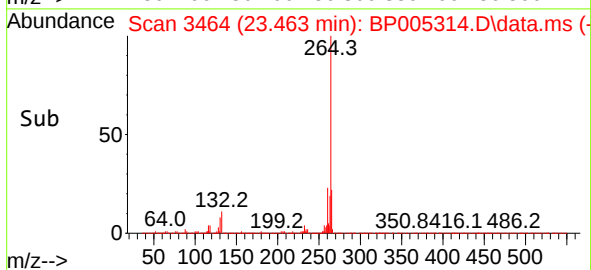
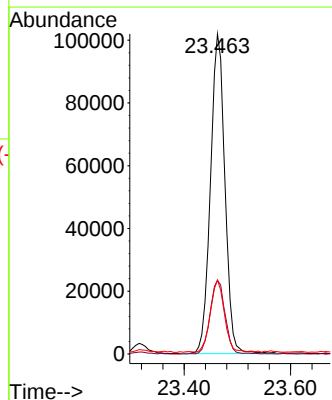
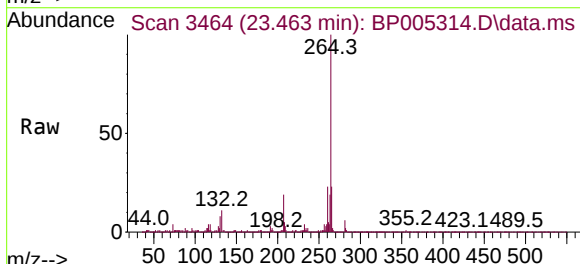
Instrument :
BNA_P
ClientSampleId :
SB-10-8.5-9.0

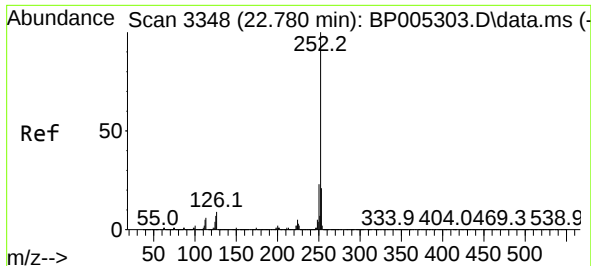
Tgt Ion:149 Resp: 29871
Ion Ratio Lower Upper
149 100
167 2.0 1.5 2.3
43 9.0 6.9 10.3



#86
Perylene-d12
Concen: 20.00 ng
RT: 23.463 min Scan# 3464
Delta R.T. 0.000 min
Lab File: BP005314.D
Acq: 16 Apr 2021 12:34

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

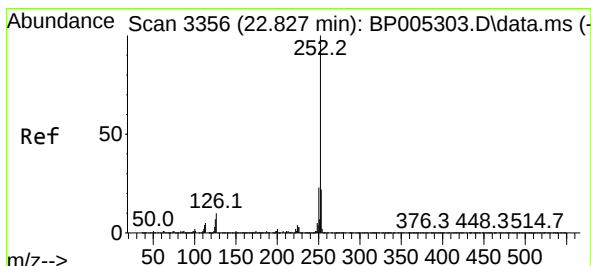
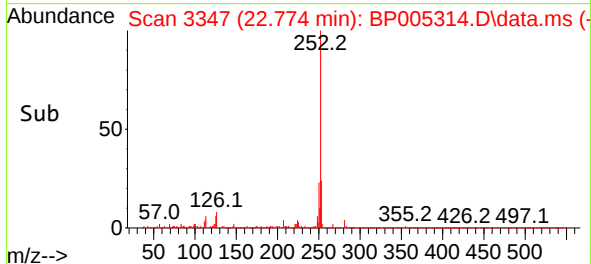
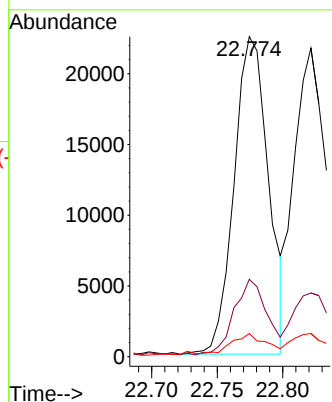
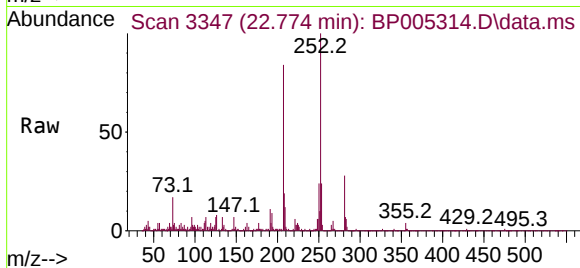




#88
Benzo(b)fluoranthene
Concen: 3.19 ng
RT: 22.774 min Scan# 3347
Delta R.T. -0.006 min
Lab File: BP005314.D
Acq: 16 Apr 2021 12:34

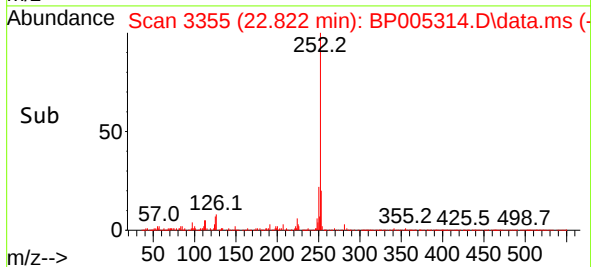
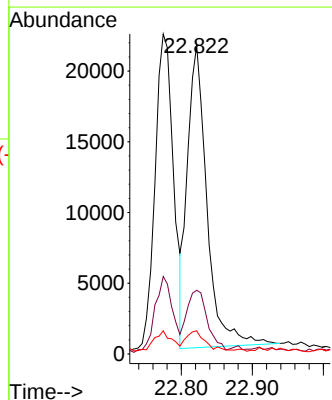
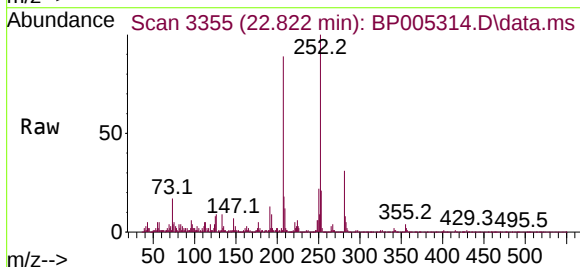
Instrument :
BNA_P
ClientSampleId :
SB-10-8.5-9.0

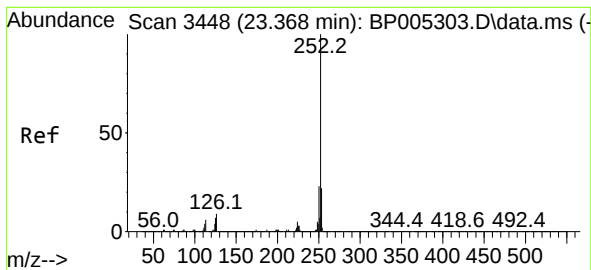
Tgt Ion:252 Resp: 40956
Ion Ratio Lower Upper
252 100
253 24.2 17.1 25.7
125 7.2 5.3 7.9



#89
Benzo(k)fluoranthene
Concen: 3.25 ng
RT: 22.822 min Scan# 3355
Delta R.T. 0.000 min
Lab File: BP005314.D
Acq: 16 Apr 2021 12:34

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





#90

Benzo(a)pyrene

Concen: 2.18 ng

RT: 23.363 min Scan# 3447

Delta R.T. -0.006 min

Lab File: BP005314.D

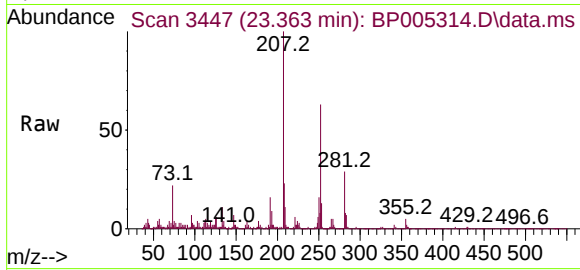
Acq: 16 Apr 2021 12:34

Instrument :

BNA_P

ClientSampleId :

SB-10-8.5-9.0



Tgt Ion:252 Resp: 25718

Ion Ratio Lower Upper

252 100

253 20.5 17.8 26.6

125 7.9 6.0 9.0

