

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP011321\
 Data File : BP004535.D
 Acq On : 13 Jan 2021 13:49
 Operator : CG/JU
 Sample : M1075-03
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 7

Quant Time: Jan 13 14:27:09 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270E-BP011221.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 12 15:19:32 2021
 Response via : Initial Calibration

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

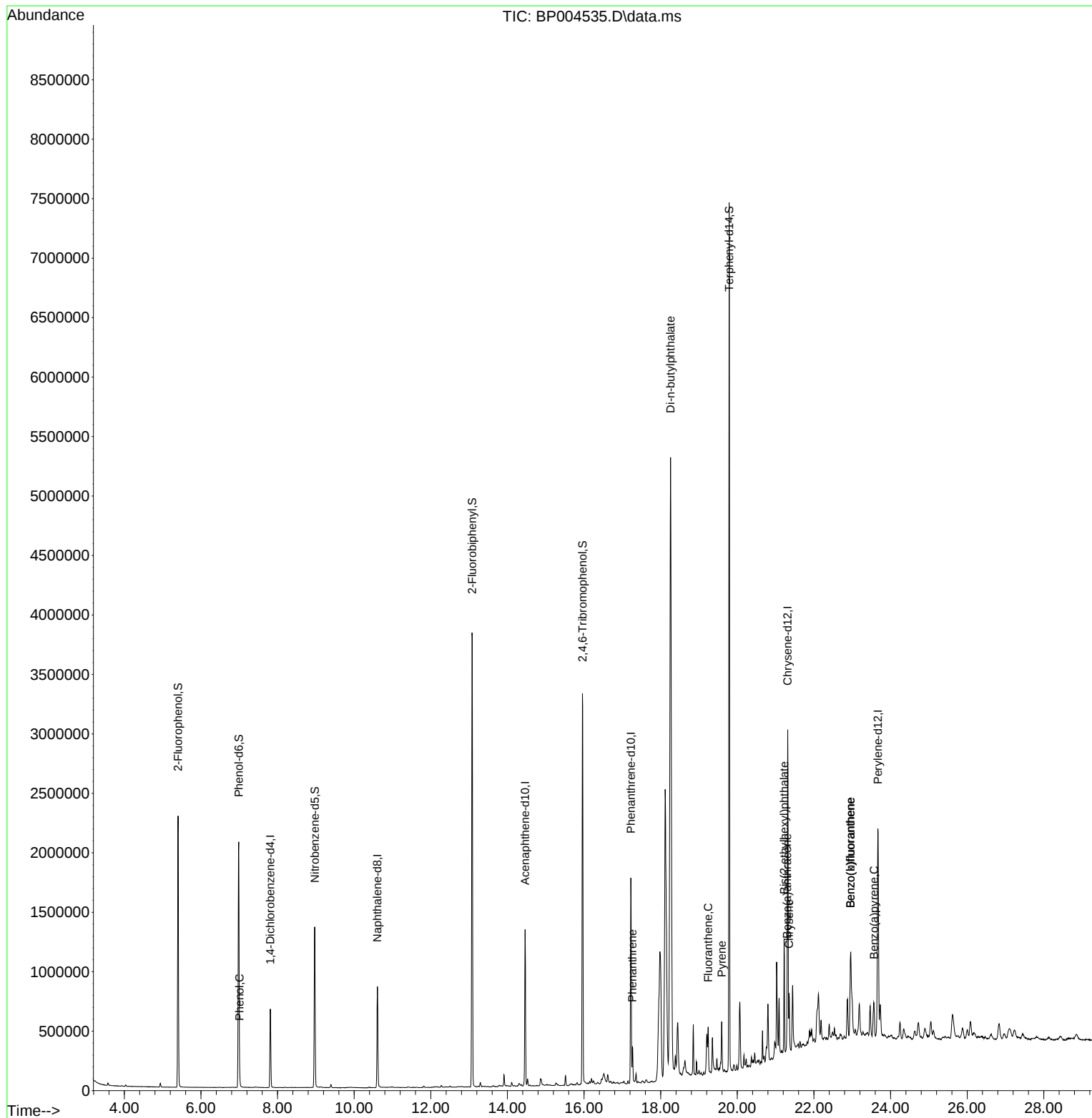
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.810	152	205042	20.00	ng	0.00
21) Naphthalene-d8	10.604	136	781261	20.00	ng	# 0.00
39) Acenaphthene-d10	14.463	164	494196	20.00	ng	0.00
64) Phenanthrene-d10	17.222	188	1115172	20.00	ng	0.00
76) Chrysene-d12	21.316	240	1286643	20.00	ng	0.00
86) Perylene-d12	23.668	264	1442645	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.405	112	1139148	96.83	ng	0.00
7) Phenol-d6	6.987	99	1388666	86.18	ng	0.00
23) Nitrobenzene-d5	8.969	82	810958	58.69	ng	0.00
42) 2,4,6-Tribromophenol	15.963	330	817314	95.12	ng	0.00
45) 2-Fluorobiphenyl	13.081	172	2181959	57.40	ng	0.00
79) Terphenyl-d14	19.786	244	3341453	47.45	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.934	77	132	Below Cal	#	38
10) Phenol	7.010	94	39574	2.56	ng	87
32) Benzoic acid	9.887	122	348	Below Cal		84
41) Hexachlorocyclopentadiene	12.540	237	44	Below Cal		82
54) 2,4-Dinitrophenol	14.569	184	67	Below Cal	#	1
71) Phenanthrene	17.263	178	198493	3.10	ng	100
74) Di-n-butylphthalate	18.257	149	4569054	65.47	ng	# 95
75) Fluoranthene	19.239	202	197215	2.54	ng	100
78) Pyrene	19.592	202	257541	2.94	ng	99
81) Benzo(a)anthracene	21.298	228	229262	2.62	ng	98
83) Chrysene	21.351	228	308094	3.70	ng	98
84) Bis(2-ethylhexyl)phtha...	21.221	149	388330	7.68	ng	99
88) Benzo(b)fluoranthene	22.957	252	433012	4.64	ng	98
89) Benzo(k)fluoranthene	22.957	252	433012	4.86	ng	98
90) Benzo(a)pyrene	23.568	252	229302	2.63	ng	98

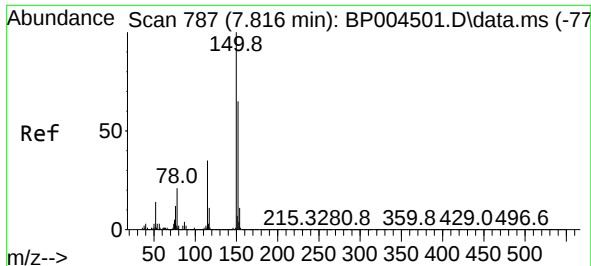
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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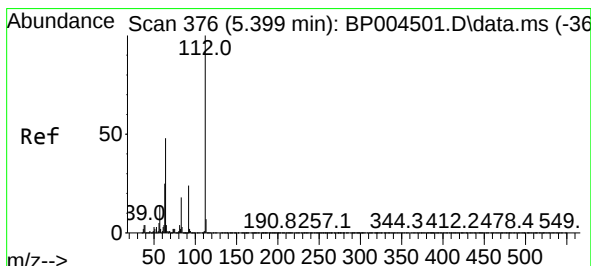
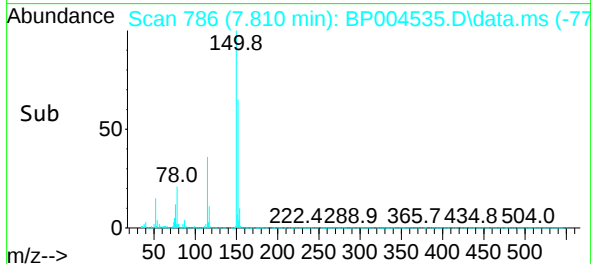
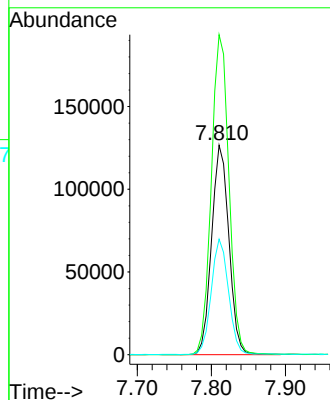
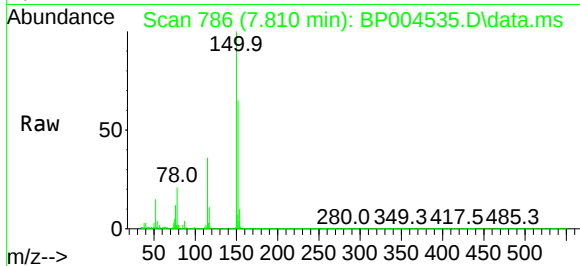




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.810 min Scan# 786
Delta R.T. -0.006 min
Lab File: BP004535.D
Acq: 13 Jan 2021 13:49

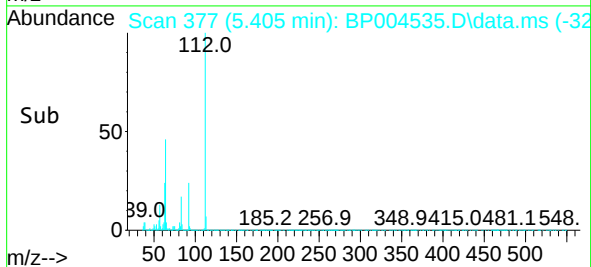
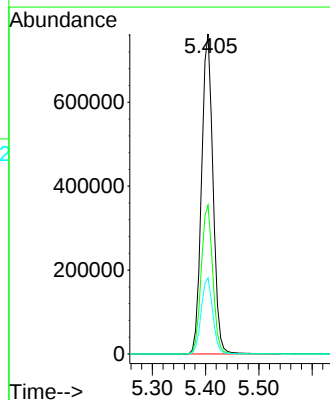
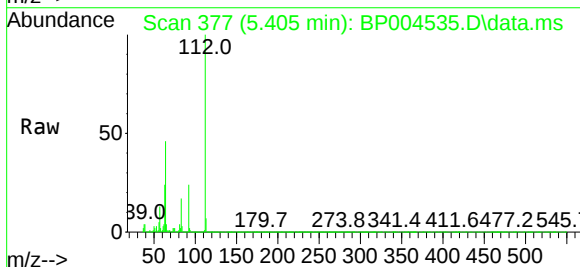
Instrument :
BNA_P
ClientSampleId :
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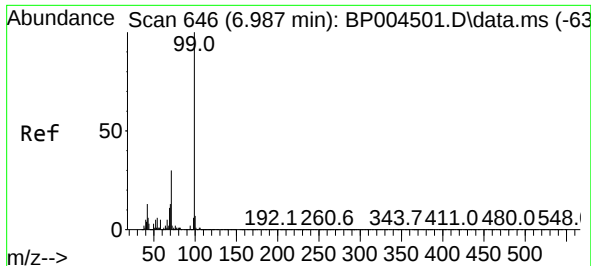
Tgt Ion:152 Resp: 205042
Ion Ratio Lower Upper
152 100
150 152.8 123.8 185.6
115 55.1 43.8 65.6



#5
2-Fluorophenol
Concen: 96.83 ng
RT: 5.405 min Scan# 377
Delta R.T. 0.006 min
Lab File: BP004535.D
Acq: 13 Jan 2021 13:49

Tgt Ion:112 Resp: 1139148
Ion Ratio Lower Upper
112 100
64 46.5 32.8 49.2
63 23.8 17.0 25.4

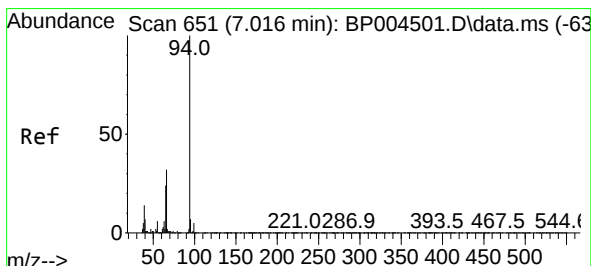
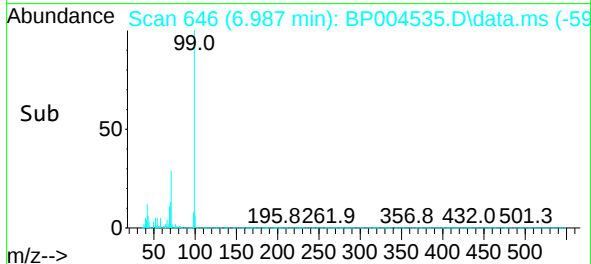
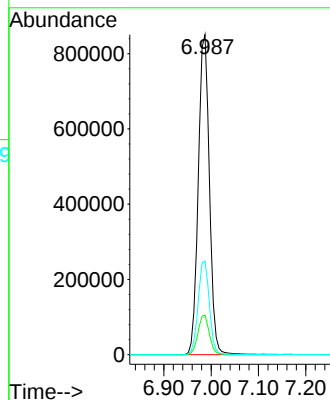
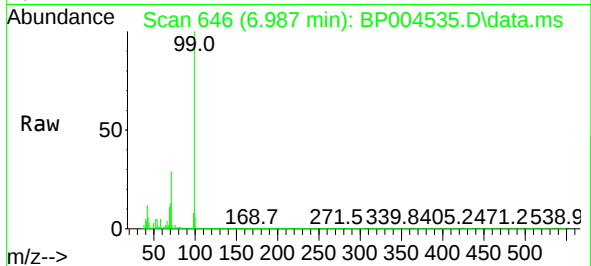




#7
Phenol-d6
Concen: 86.18 ng
RT: 6.987 min Scan# 646
Delta R.T. -0.000 min
Lab File: BP004535.D
Acq: 13 Jan 2021 13:49

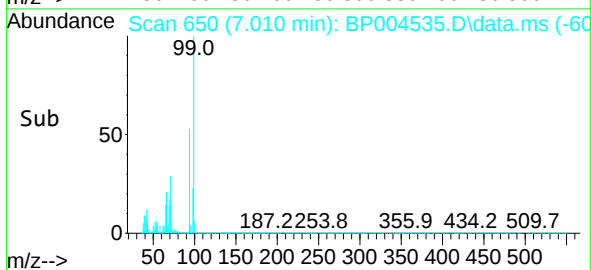
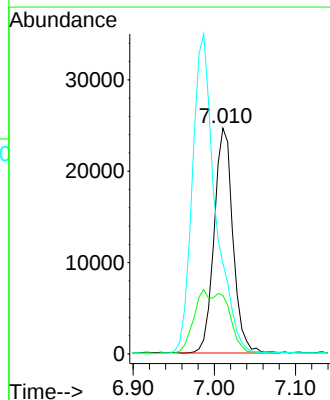
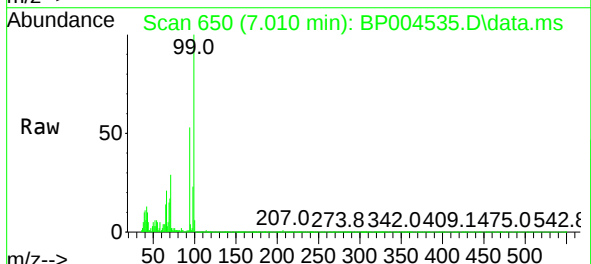
Instrument :
BNA_P
ClientSampleId :
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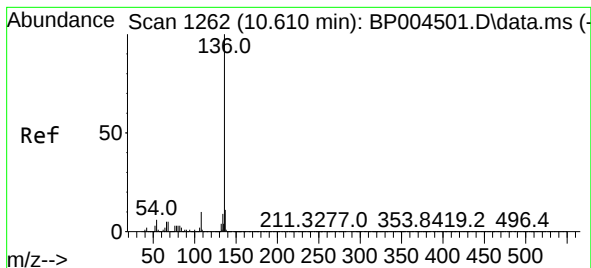
Tgt Ion: 99 Resp: 1388666
Ion Ratio Lower Upper
99 100
42 12.4 8.6 13.0
71 29.3 23.4 35.2



#10
Phenol
Concen: 2.56 ng
RT: 7.010 min Scan# 650
Delta R.T. -0.006 min
Lab File: BP004535.D
Acq: 13 Jan 2021 13:49

Tgt Ion: 94 Resp: 39574
Ion Ratio Lower Upper
94 100
65 26.0 2.3 42.3
66 40.3 10.9 50.9

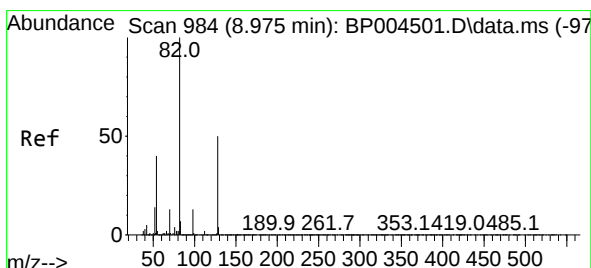
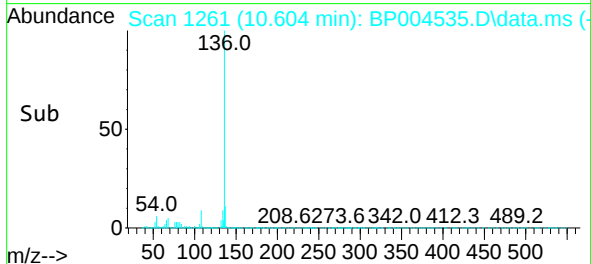
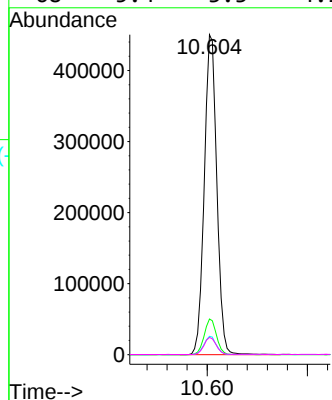
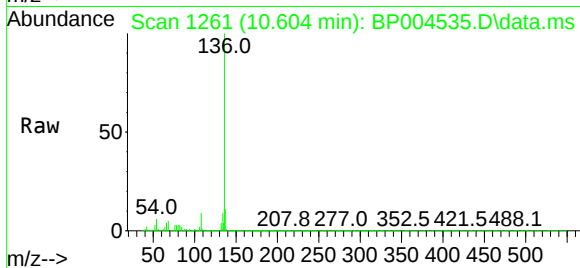




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.604 min Scan# 1261
Delta R.T. -0.006 min
Lab File: BP004535.D
Acq: 13 Jan 2021 13:49

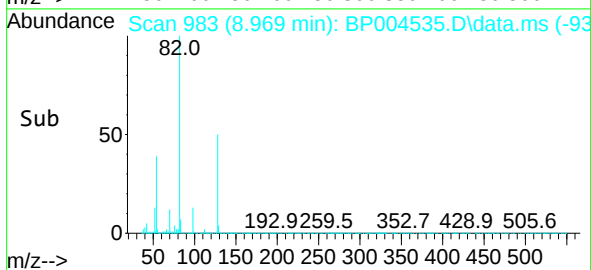
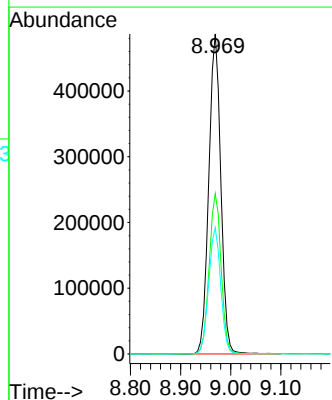
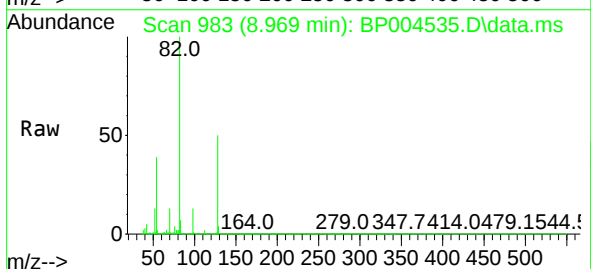
Instrument :
BNA_P
ClientSampleId :
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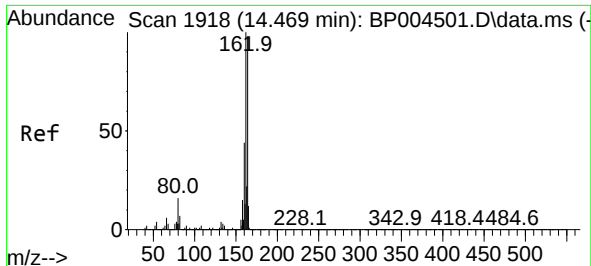
Tgt Ion:	136	Resp:	781261
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.6	13.0
54	5.7	3.6	5.4#
68	5.4	3.3	4.9#



#23
Nitrobenzene-d5
Concen: 58.69 ng
RT: 8.969 min Scan# 983
Delta R.T. -0.006 min
Lab File: BP004535.D
Acq: 13 Jan 2021 13:49

Tgt Ion:	82	Resp:	810958
Ion	Ratio	Lower	Upper
82	100		
128	50.1	45.6	68.4
54	39.5	30.1	45.1

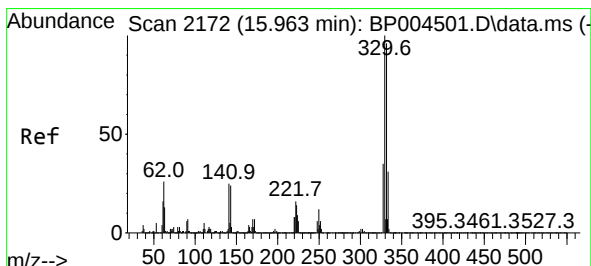
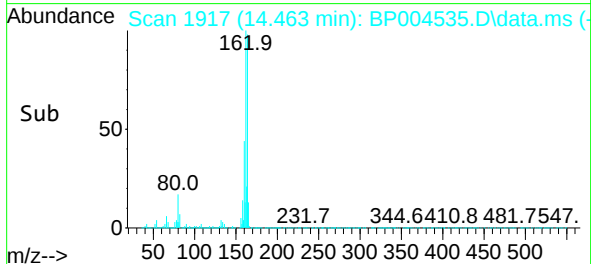
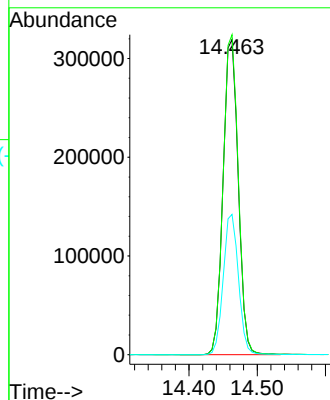
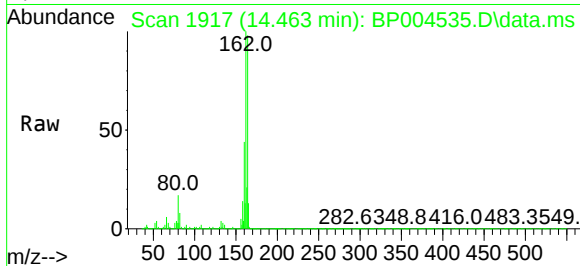




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.463 min Scan# 1917
Delta R.T. -0.006 min
Lab File: BP004535.D
Acq: 13 Jan 2021 13:49

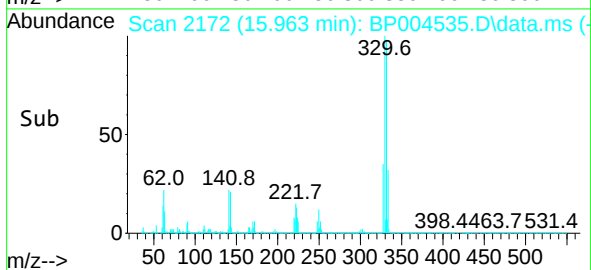
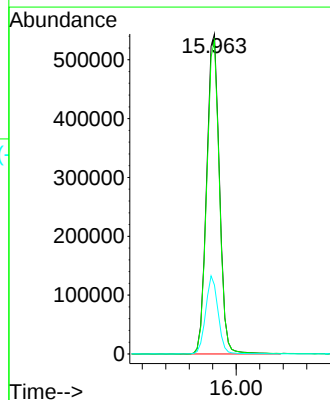
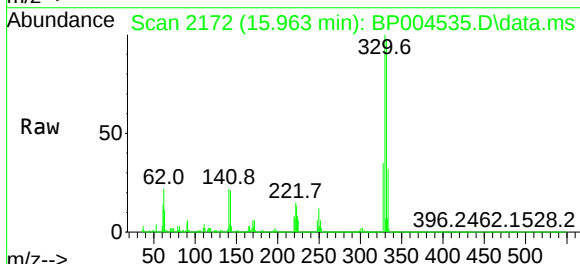
Instrument :
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ClientSampleId :
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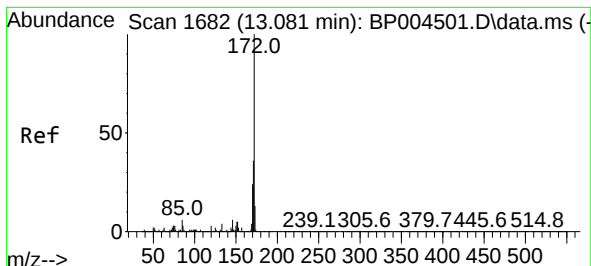
Tgt Ion:164 Resp: 494196
Ion Ratio Lower Upper
164 100
162 101.5 79.4 119.2
160 44.5 36.1 54.1



#42
2,4,6-Tribromophenol
Concen: 95.12 ng
RT: 15.963 min Scan# 2172
Delta R.T. -0.000 min
Lab File: BP004535.D
Acq: 13 Jan 2021 13:49

Tgt Ion:330 Resp: 817314
Ion Ratio Lower Upper
330 100
332 97.3 77.1 115.7
141 23.6 23.4 35.2

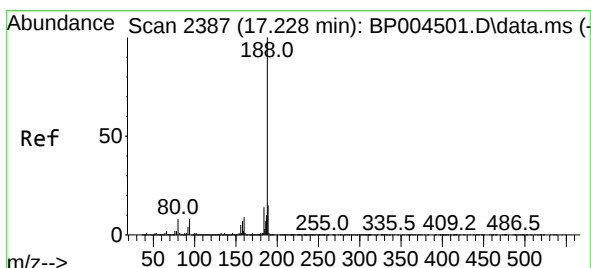
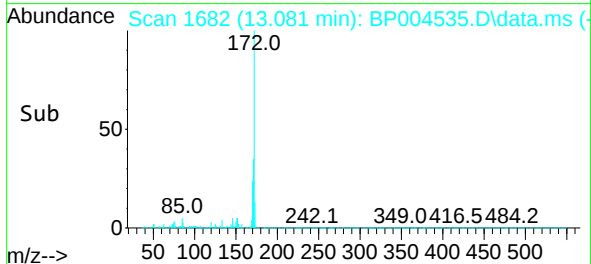
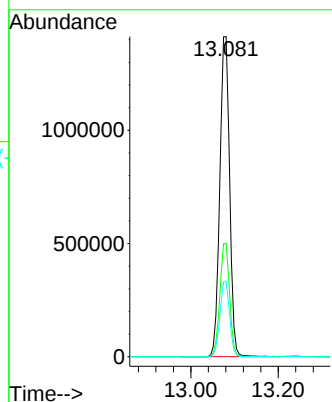
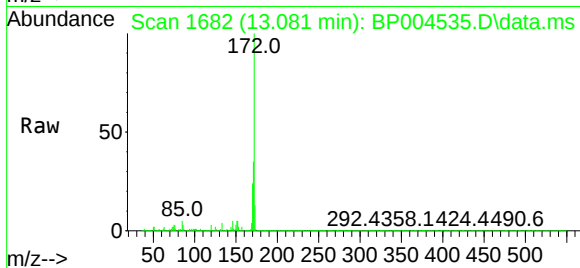




#45
2-Fluorobiphenyl
Concen: 57.40 ng
RT: 13.081 min Scan# 1682
Delta R.T. -0.000 min
Lab File: BP004535.D
Acq: 13 Jan 2021 13:49

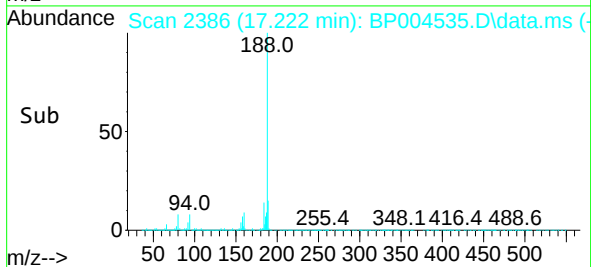
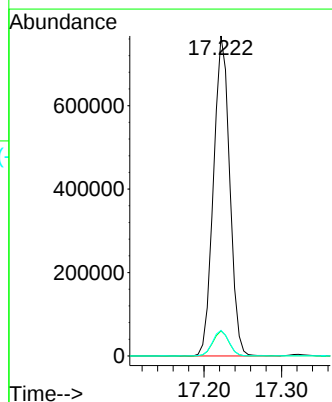
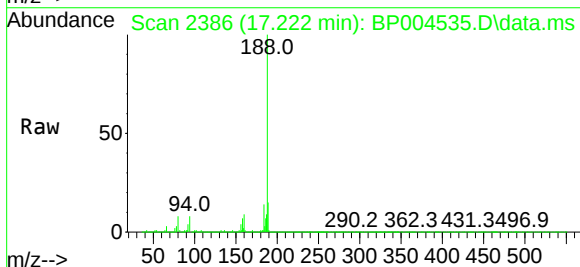
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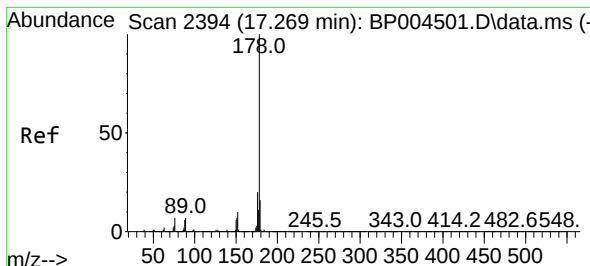
Tgt Ion:172 Resp: 2181959
Ion Ratio Lower Upper
172 100
171 35.3 28.5 42.7
170 23.6 19.2 28.8



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.222 min Scan# 2386
Delta R.T. -0.006 min
Lab File: BP004535.D
Acq: 13 Jan 2021 13:49

Tgt Ion:188 Resp: 1115172
Ion Ratio Lower Upper
188 100
94 7.8 6.2 9.2
80 8.0 6.2 9.2

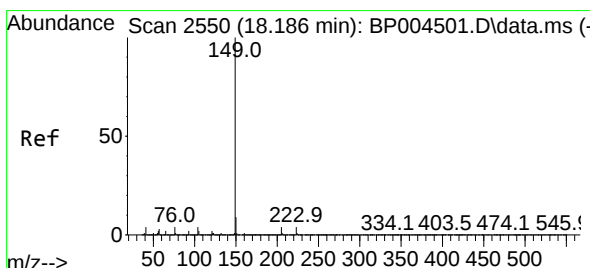
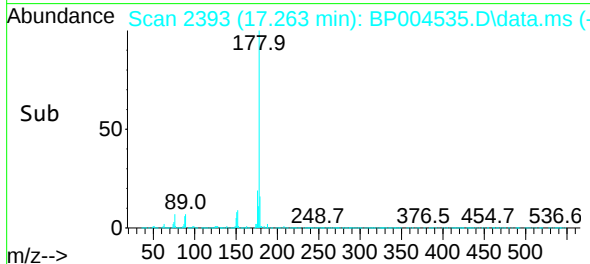
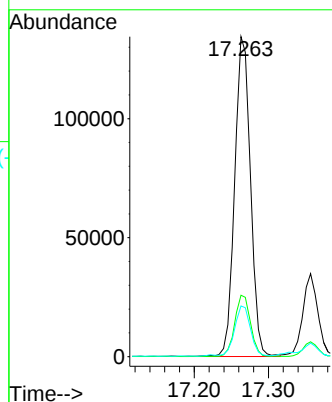
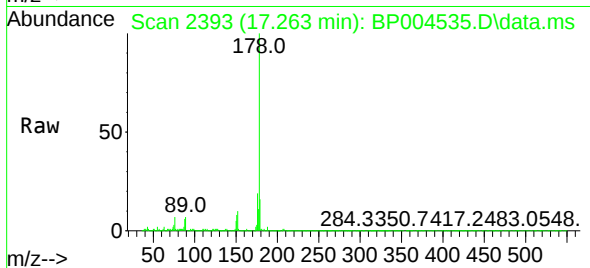




#71
Phenanthrene
Concen: 3.10 ng
RT: 17.263 min Scan# 2393
Delta R.T. -0.006 min
Lab File: BP004535.D
Acq: 13 Jan 2021 13:49

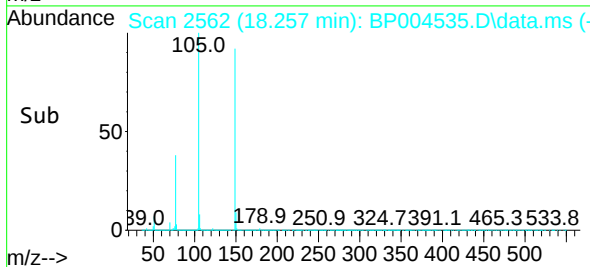
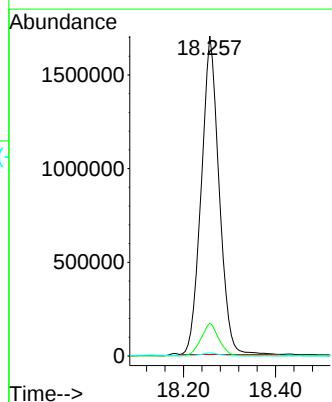
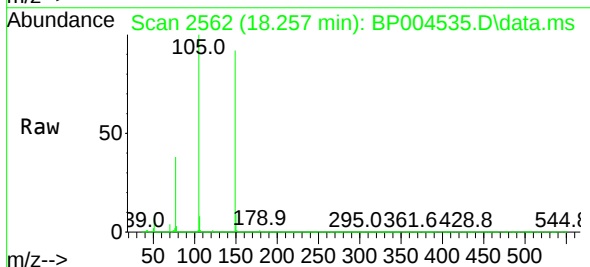
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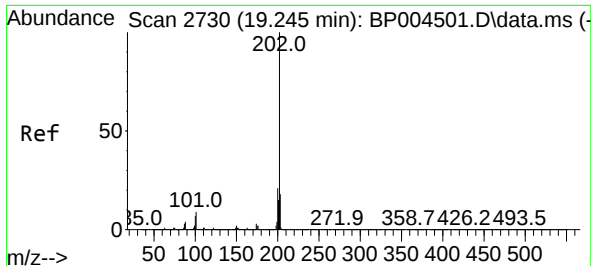
Tgt Ion:178 Resp: 198493
Ion Ratio Lower Upper
178 100
176 19.2 15.3 22.9
179 15.9 12.5 18.7



#74
Di-n-butylphthalate
Concen: 65.47 ng
RT: 18.257 min Scan# 2562
Delta R.T. 0.071 min
Lab File: BP004535.D
Acq: 13 Jan 2021 13:49

Tgt Ion:149 Resp: 4569054
Ion Ratio Lower Upper
149 100
150 10.2 7.3 10.9
104 1.0 3.4 5.0#

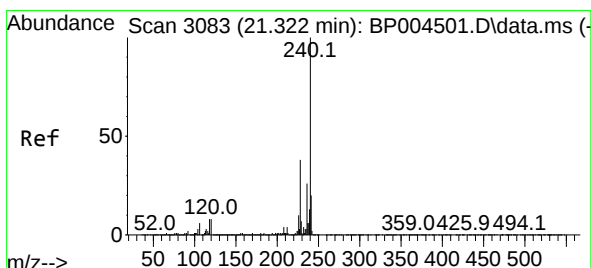
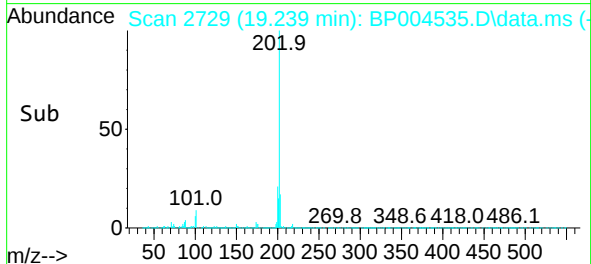
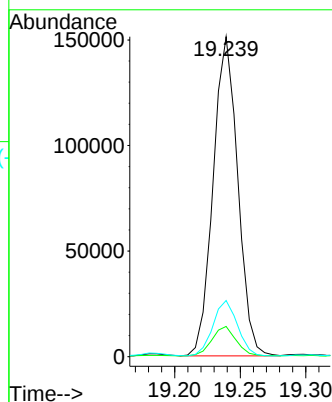
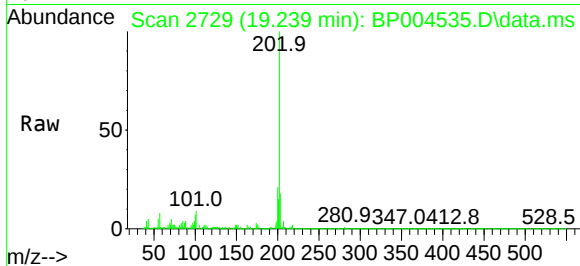




#75
Fluoranthene
Concen: 2.54 ng
RT: 19.239 min Scan# 2729
Delta R.T. -0.006 min
Lab File: BP004535.D
Acq: 13 Jan 2021 13:49

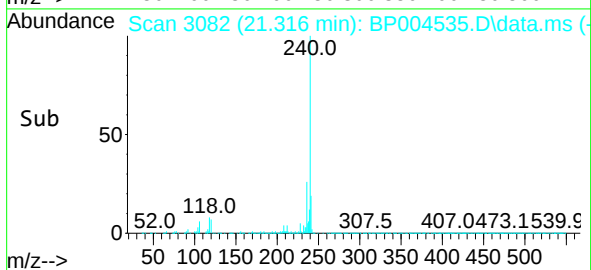
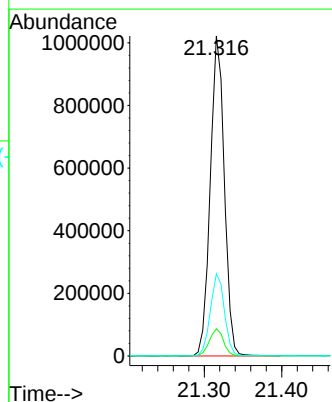
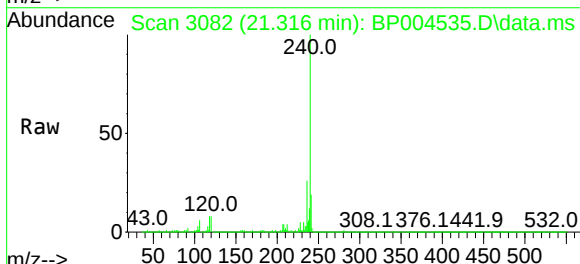
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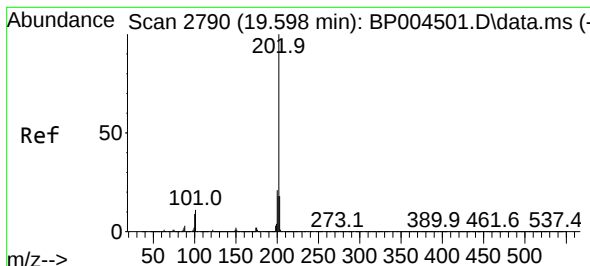
Tgt Ion:	202	Resp:	197215
Ion	Ratio	Lower	Upper
202	100		
101	9.5	0.0	29.4
203	17.6	0.0	37.8



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.316 min Scan# 3082
Delta R.T. -0.006 min
Lab File: BP004535.D
Acq: 13 Jan 2021 13:49

Tgt Ion:	240	Resp:	1286643
Ion	Ratio	Lower	Upper
240	100		
120	8.5	7.8	11.6
236	25.7	20.8	31.2





#78

Pyrene

Concen: 2.94 ng

RT: 19.592 min Scan# 2789

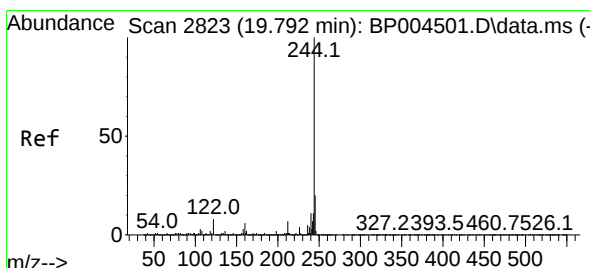
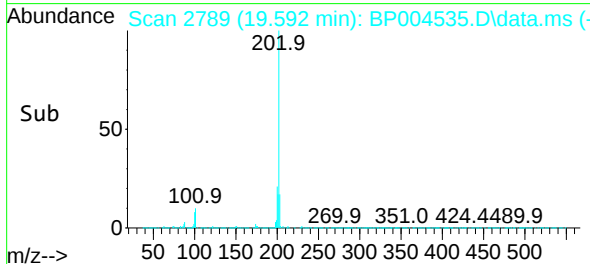
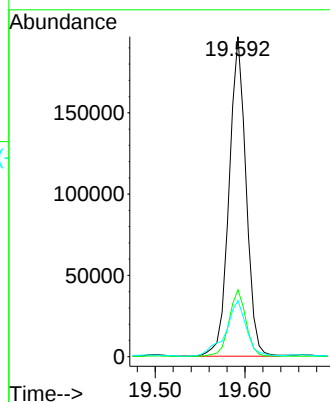
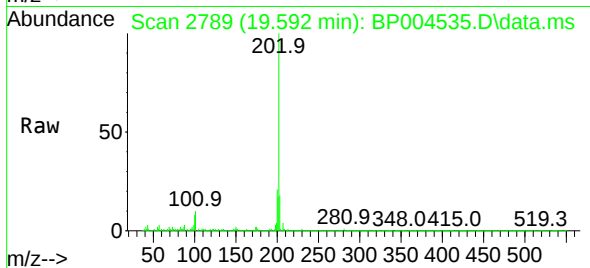
Delta R.T. -0.006 min

Lab File: BP004535.D

Acq: 13 Jan 2021 13:49

Tgt Ion:	202	Resp:	257541
Ion Ratio	Lower	Upper	
202	100		
200	20.9	17.1	25.7
203	17.5	14.2	21.2

Instrument :
BNA_P
ClientSampleId :
7



#79

Terphenyl-d14

Concen: 47.45 ng

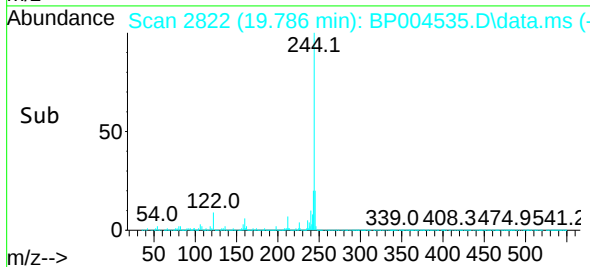
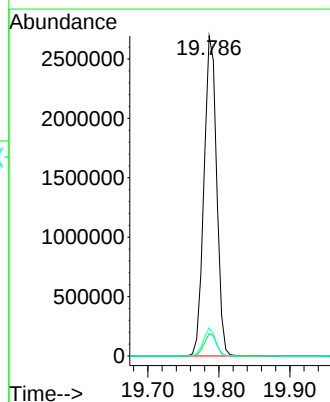
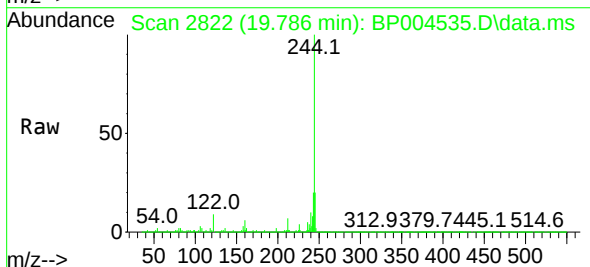
RT: 19.786 min Scan# 2822

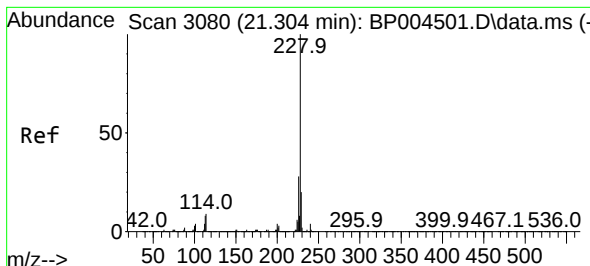
Delta R.T. -0.006 min

Lab File: BP004535.D

Acq: 13 Jan 2021 13:49

Tgt Ion:	244	Resp:	3341453
Ion Ratio	Lower	Upper	
244	100		
212	7.0	5.8	8.6
122	8.8	7.8	11.8





#81

Benzo(a)anthracene

Concen: 2.62 ng

RT: 21.298 min Scan# 3079

Delta R.T. -0.006 min

Lab File: BP004535.D

Acq: 13 Jan 2021 13:49

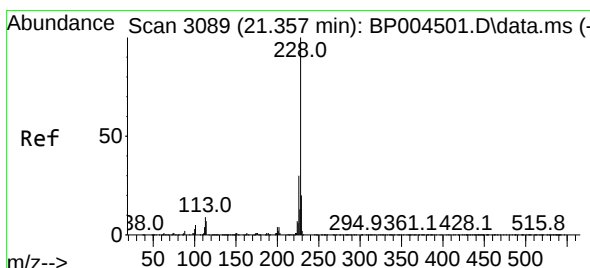
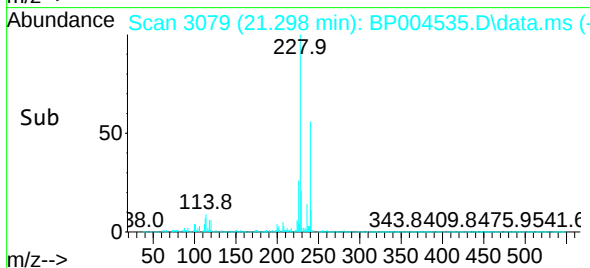
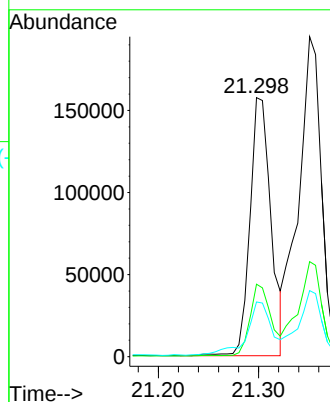
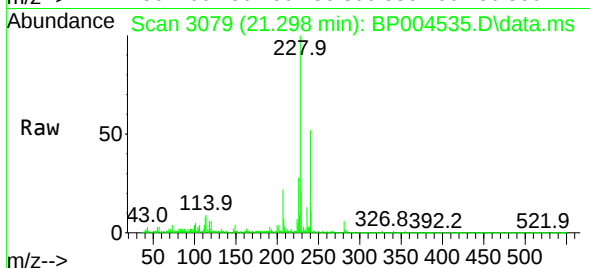
Instrument :

BNA_P

ClientSampleId :

7

Tgt Ion:	228	Resp:	229262
Ion Ratio	Lower	Upper	
228	100		
226	28.0	22.1	33.1
229	21.1	15.9	23.9



#83

Chrysene

Concen: 3.70 ng

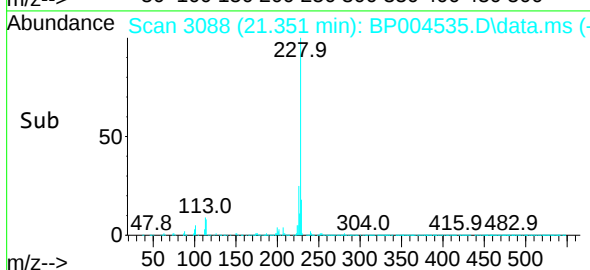
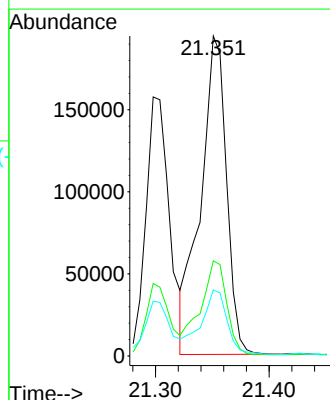
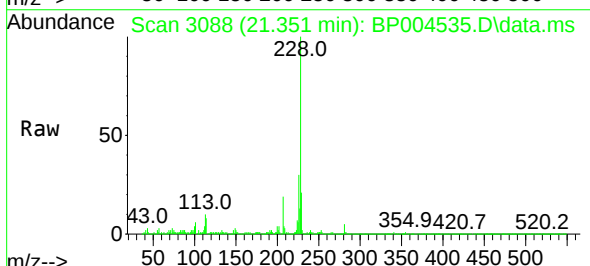
RT: 21.351 min Scan# 3088

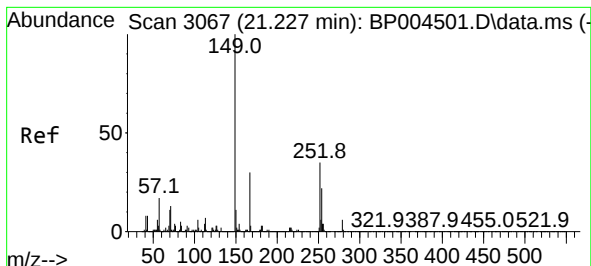
Delta R.T. -0.006 min

Lab File: BP004535.D

Acq: 13 Jan 2021 13:49

Tgt Ion:	228	Resp:	308094
Ion Ratio	Lower	Upper	
228	100		
226	29.7	24.4	36.6
229	20.6	15.8	23.6

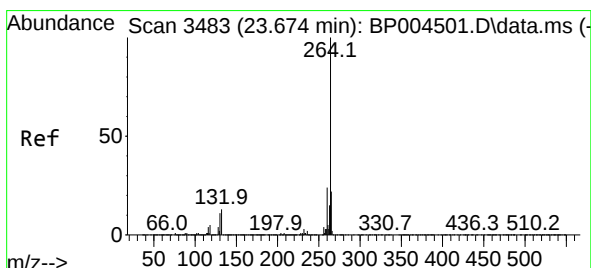
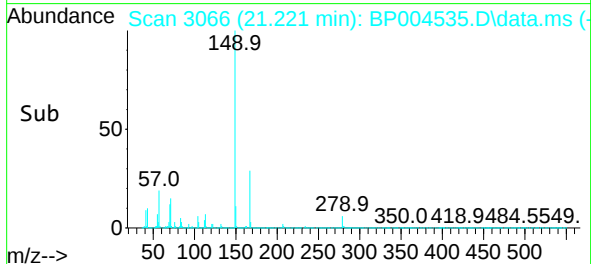
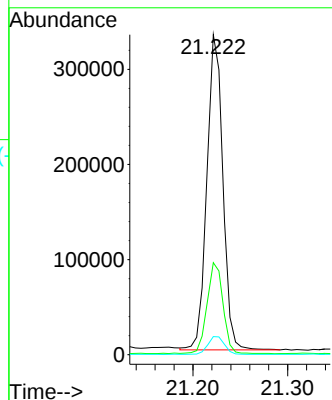
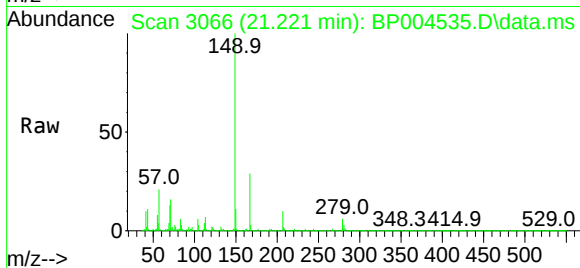




#84
Bis(2-ethylhexyl)phthalate
Concen: 7.68 ng
RT: 21.221 min Scan# 3066
Delta R.T. -0.006 min
Lab File: BP004535.D
Acq: 13 Jan 2021 13:49

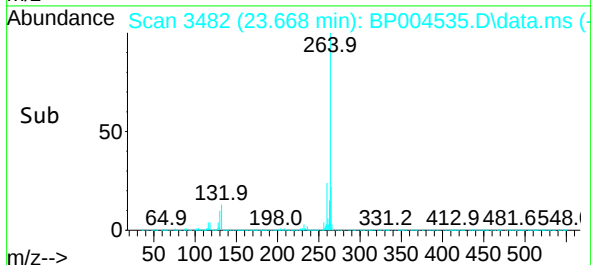
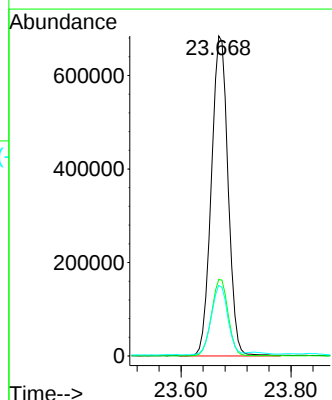
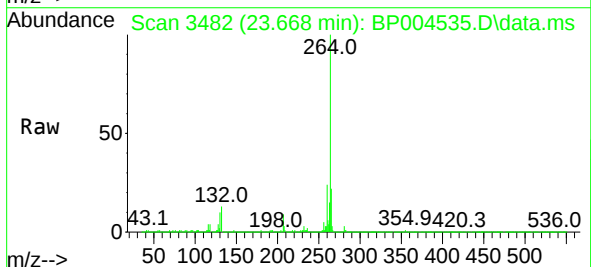
Instrument :
BNA_P
ClientSampleId :
7

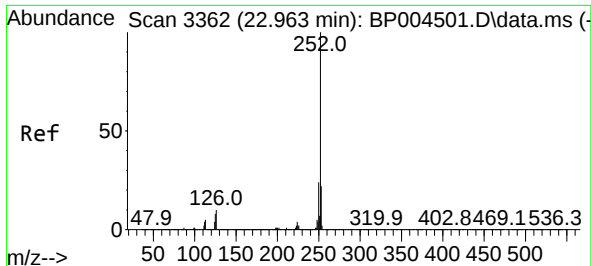
Tgt Ion:149 Resp: 388330
Ion Ratio Lower Upper
149 100
167 28.8 22.6 34.0
279 5.7 4.2 6.2



#86
Perylene-d12
Concen: 20.00 ng
RT: 23.668 min Scan# 3482
Delta R.T. -0.006 min
Lab File: BP004535.D
Acq: 13 Jan 2021 13:49

Tgt Ion:264 Resp: 1442645
Ion Ratio Lower Upper
264 100
260 23.9 18.8 28.2
265 22.1 17.4 26.2

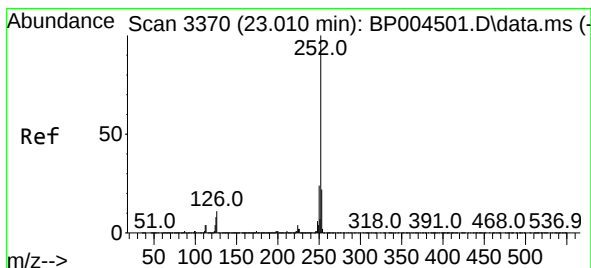
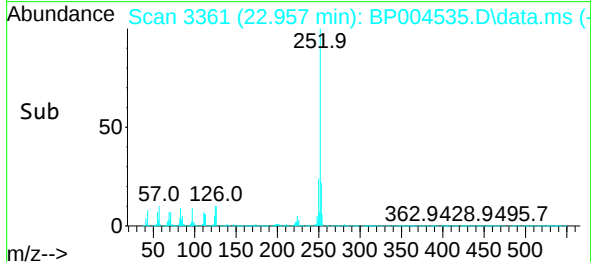
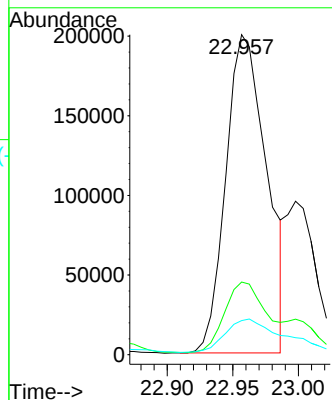
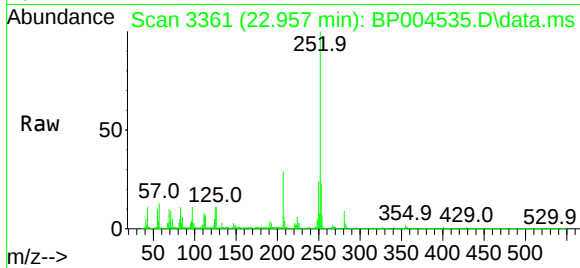




#88
Benzo(b)fluoranthene
Concen: 4.64 ng
RT: 22.957 min Scan# 3361
Delta R.T. -0.006 min
Lab File: BP004535.D
Acq: 13 Jan 2021 13:49

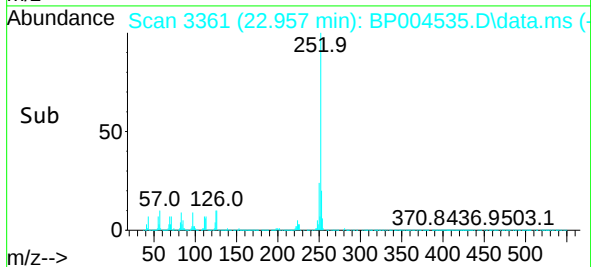
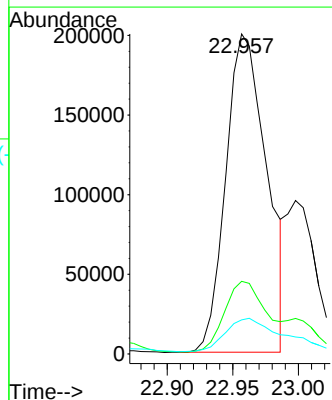
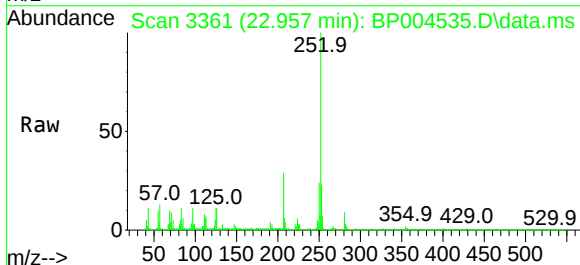
Instrument :
BNA_P
ClientSampled :
7

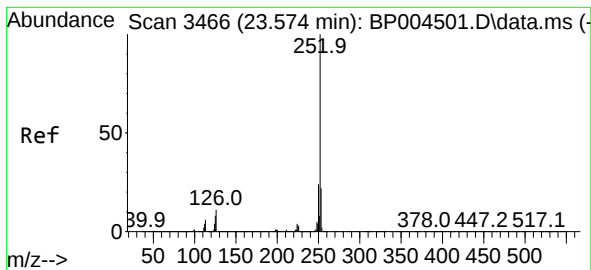
Tgt Ion:252 Resp: 433012
Ion Ratio Lower Upper
252 100
253 22.7 17.6 26.4
125 10.6 7.3 10.9



#89
Benzo(k)fluoranthene
Concen: 4.86 ng
RT: 22.957 min Scan# 3361
Delta R.T. -0.053 min
Lab File: BP004535.D
Acq: 13 Jan 2021 13:49

Tgt Ion:252 Resp: 433012
Ion Ratio Lower Upper
252 100
253 22.7 17.8 26.8
125 10.6 7.4 11.2





#90

Benzo(a)pyrene

Concen: 2.63 ng

RT: 23.568 min Scan# 3465

Delta R.T. -0.006 min

Lab File: BP004535.D

Acq: 13 Jan 2021 13:49

Tgt Ion:252 Resp: 229302

Ion Ratio Lower Upper

252 100

253 22.9 17.4 26.0

125 9.7 8.2 12.4

Instrument :

BNA_P

ClientSampleId :

7

