

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP011321\
 Data File : BP004540.D
 Acq On : 13 Jan 2021 16:38
 Operator : CG/JU
 Sample : M1123-01
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 355

Quant Time: Jan 13 17:44:46 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)

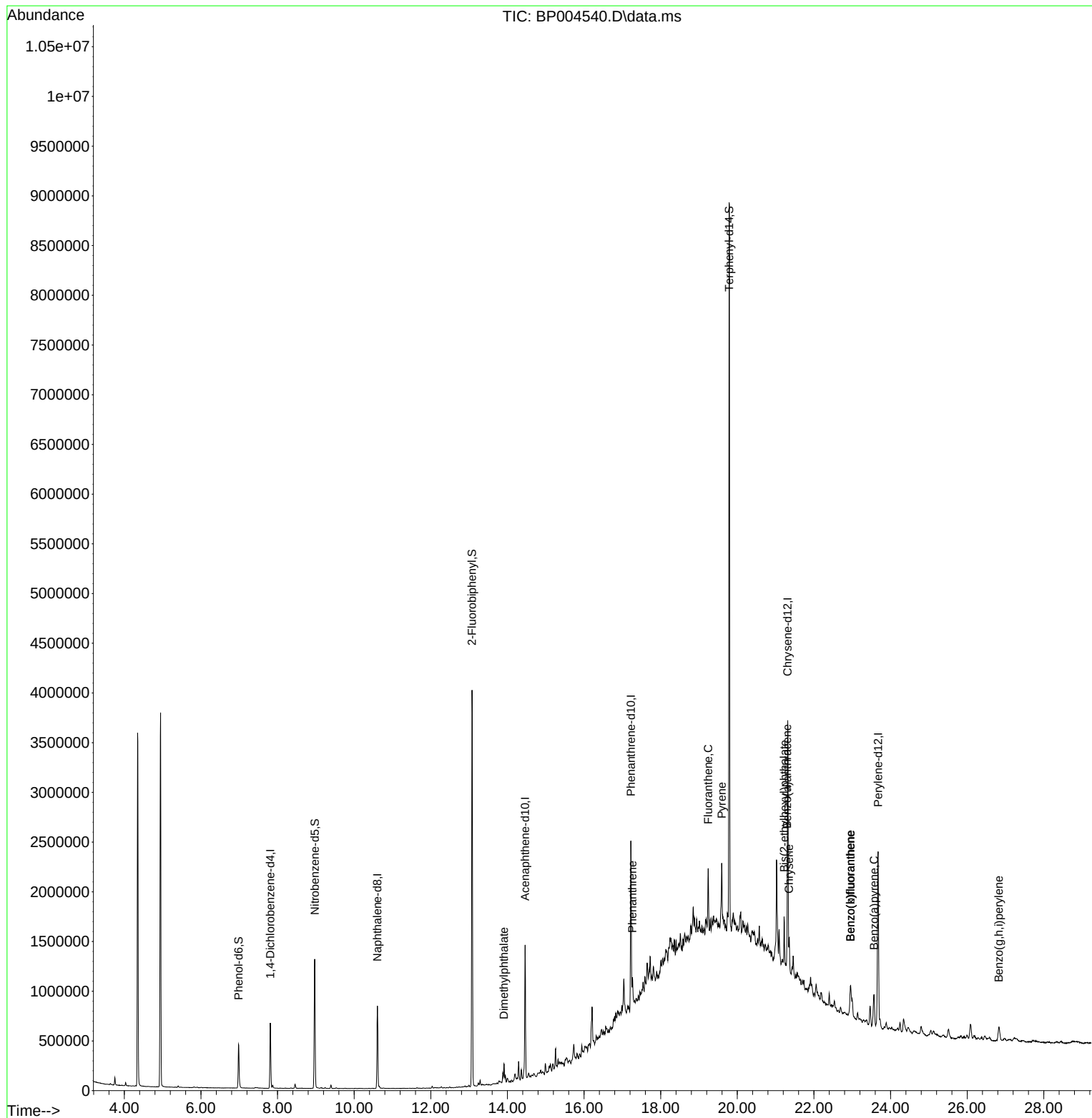
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.811	152	203381	20.00	ng	0.00
21) Naphthalene-d8	10.605	136	758822	20.00	ng	# 0.00
39) Acenaphthene-d10	14.463	164	489830	20.00	ng	0.00
64) Phenanthrene-d10	17.222	188	1043534	20.00	ng	0.00
76) Chrysene-d12	21.316	240	1232637	20.00	ng	0.00
86) Perylene-d12	23.674	264	1411280	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.405	112	8301	0.71	ng	0.00
7) Phenol-d6	6.981	99	306818	19.20	ng	0.00
23) Nitrobenzene-d5	8.969	82	794963	59.23	ng	0.00
42) 2,4,6-Tribromophenol	15.963	330	391	0.05	ng	0.00
45) 2-Fluorobiphenyl	13.075	172	2300422	61.05	ng	0.00
79) Terphenyl-d14	19.786	244	3541765	52.50	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.958	77	1192	Below Cal	#	71
32) Benzoic acid	9.905	122	272	Below Cal	#	30
41) Hexachlorocyclopentadiene	12.804	237	34	Below Cal		83
50) Dimethylphthalate	13.910	163	140607	3.46	ng	# 99
54) 2,4-Dinitrophenol	14.604	184	20	Below Cal	#	1
71) Phenanthrene	17.263	178	176532	2.95	ng	# 96
75) Fluoranthene	19.239	202	373387	5.13	ng	97
78) Pyrene	19.592	202	415542	4.95	ng	98
81) Benzo(a)anthracene	21.304	228	217676	2.60	ng	95
83) Chrysene	21.351	228	197108	2.47	ng	97
84) Bis(2-ethylhexyl)phtha...	21.222	149	188924	3.90	ng	# 98
88) Benzo(b)fluoranthene	22.957	252	396611	4.34	ng	# 96
89) Benzo(k)fluoranthene	22.957	252	396611	4.55	ng	# 97
90) Benzo(a)pyrene	23.569	252	207980	2.44	ng	96
92) Benzo(g,h,i)perylene	26.827	276	198772	2.25	ng	94

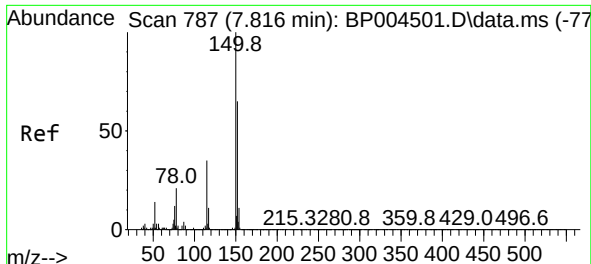
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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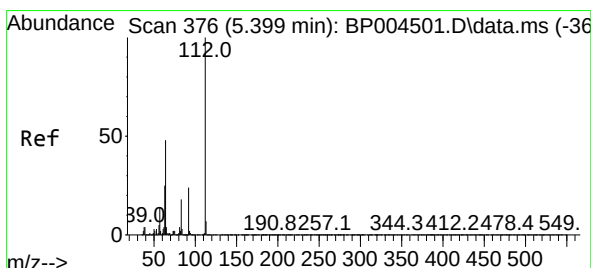
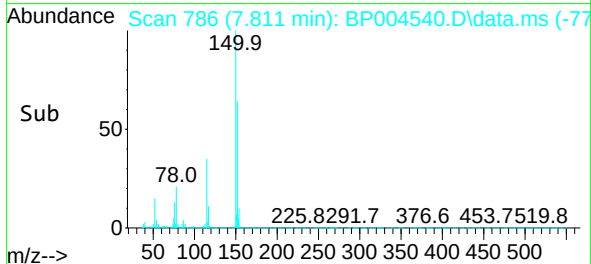
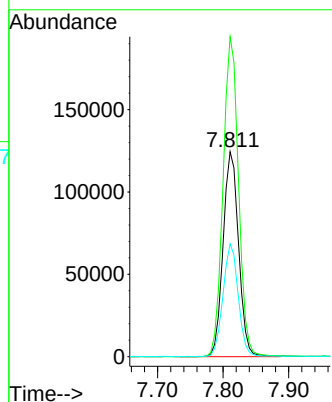
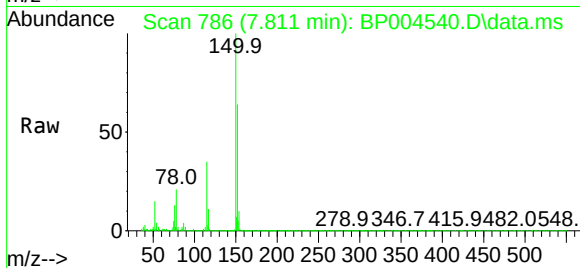




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.811 min Scan# 786
Delta R.T. -0.005 min
Lab File: BP004540.D
Acq: 13 Jan 2021 16:38

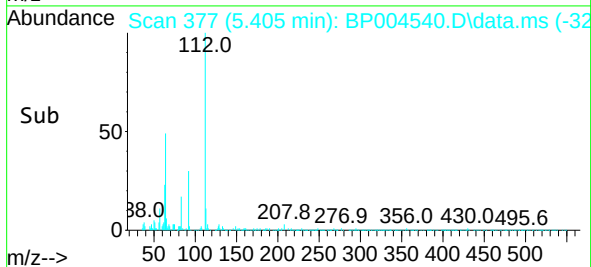
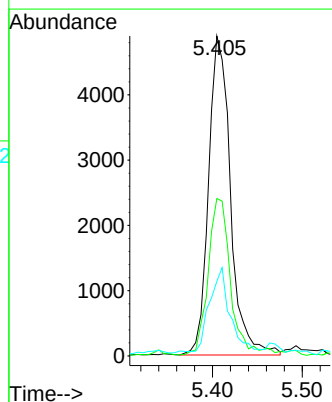
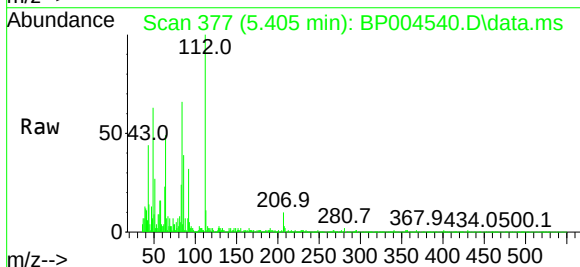
Instrument :
BNA_P
ClientSampleId :
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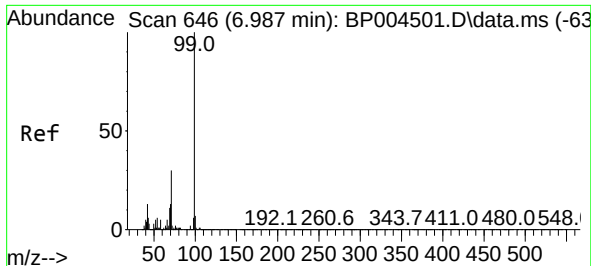
Tgt Ion:152 Resp: 203381
Ion Ratio Lower Upper
152 100
150 156.1 123.8 185.6
115 55.1 43.8 65.6



#5
2-Fluorophenol
Concen: 0.71 ng
RT: 5.405 min Scan# 377
Delta R.T. 0.006 min
Lab File: BP004540.D
Acq: 13 Jan 2021 16:38

Tgt Ion:112 Resp: 8301
Ion Ratio Lower Upper
112 100
64 49.2 32.8 49.2#
63 23.3 17.0 25.4

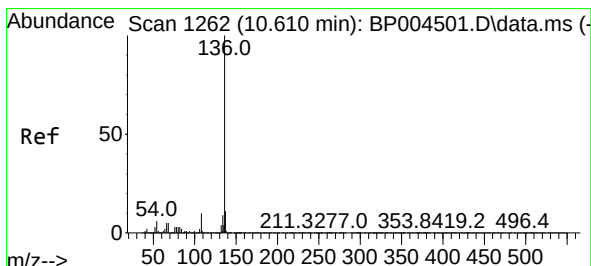
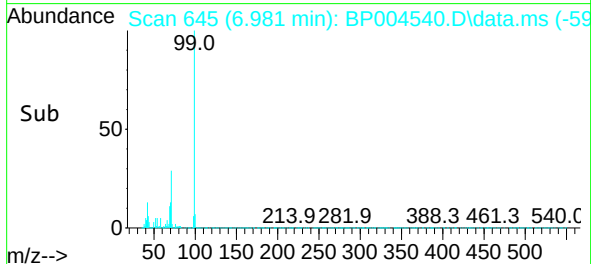
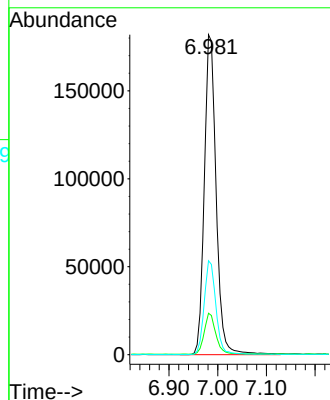
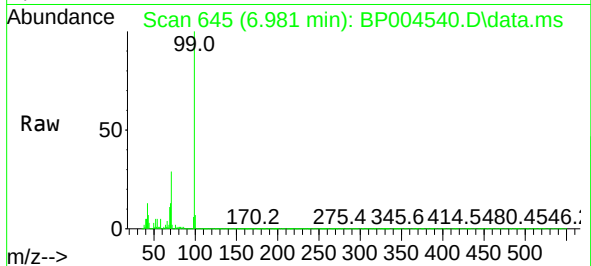




#7
Phenol-d6
Concen: 19.20 ng
RT: 6.981 min Scan# 645
Delta R.T. -0.006 min
Lab File: BP004540.D
Acq: 13 Jan 2021 16:38

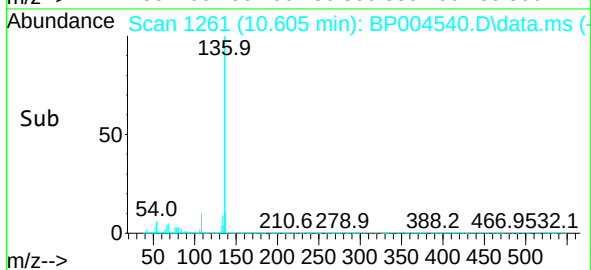
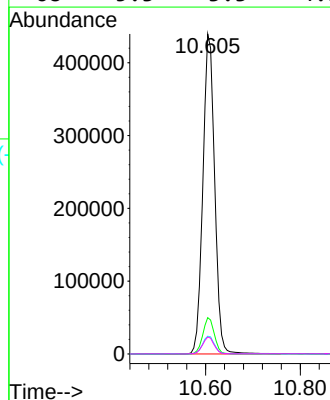
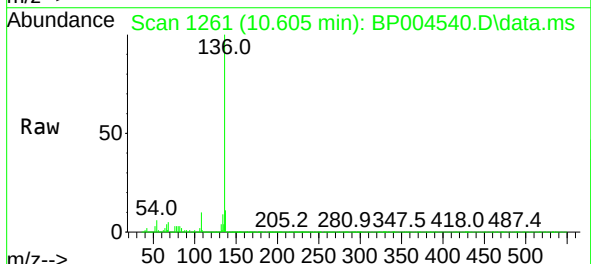
Instrument :
BNA_P
ClientSampled :
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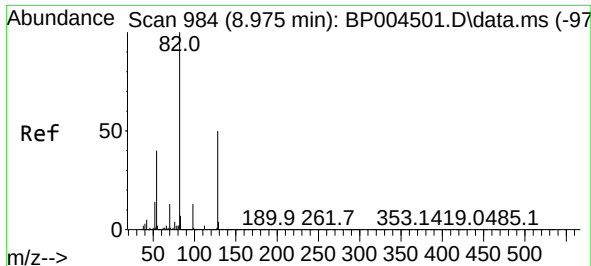
Tgt Ion: 99 Resp: 306818
Ion Ratio Lower Upper
99 100
42 13.0 8.6 13.0
71 29.3 23.4 35.2



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.605 min Scan# 1261
Delta R.T. -0.005 min
Lab File: BP004540.D
Acq: 13 Jan 2021 16:38

Tgt Ion: 136 Resp: 758822
Ion Ratio Lower Upper
136 100
137 11.3 8.6 13.0
54 5.6 3.6 5.4#
68 5.3 3.3 4.9#

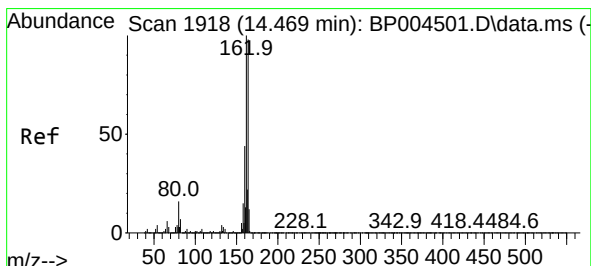
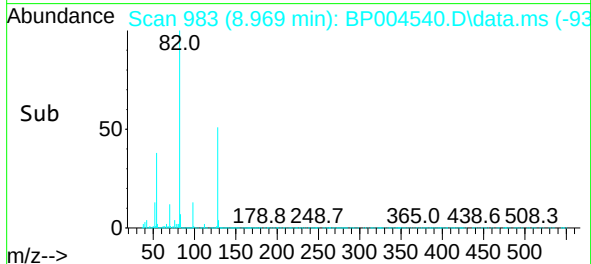
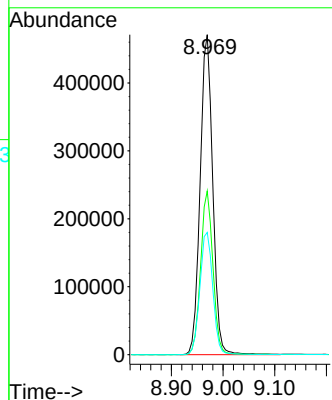
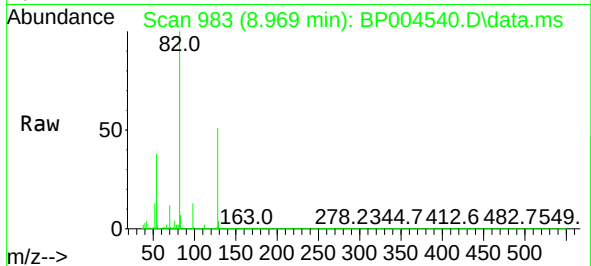




#23
Nitrobenzene-d5
Concen: 59.23 ng
RT: 8.969 min Scan# 983
Delta R.T. -0.006 min
Lab File: BP004540.D
Acq: 13 Jan 2021 16:38

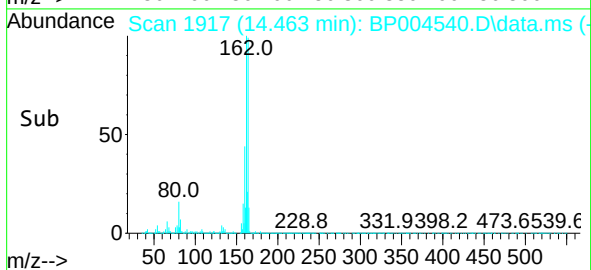
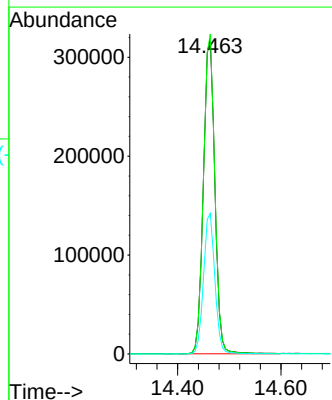
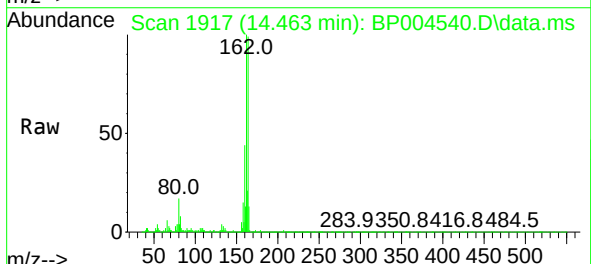
Instrument :
BNA_P
ClientSampleId :
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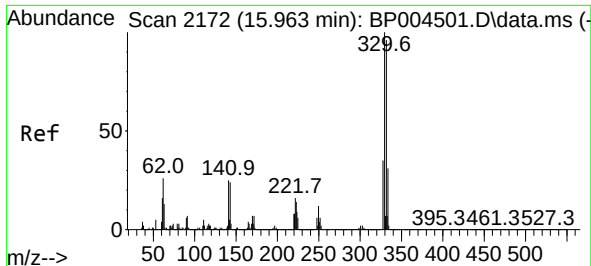
Tgt Ion: 82 Resp: 794963
Ion Ratio Lower Upper
82 100
128 51.1 45.6 68.4
54 38.2 30.1 45.1



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.463 min Scan# 1917
Delta R.T. -0.006 min
Lab File: BP004540.D
Acq: 13 Jan 2021 16:38

Tgt Ion: 164 Resp: 489830
Ion Ratio Lower Upper
164 100
162 101.4 79.4 119.2
160 44.6 36.1 54.1

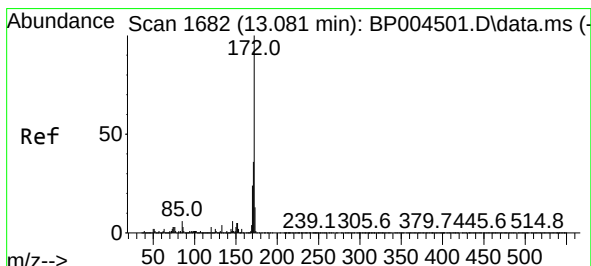
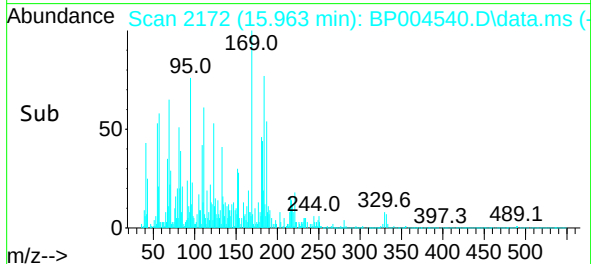
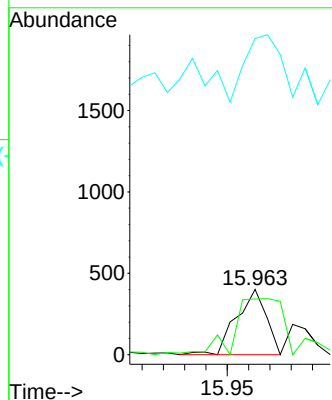
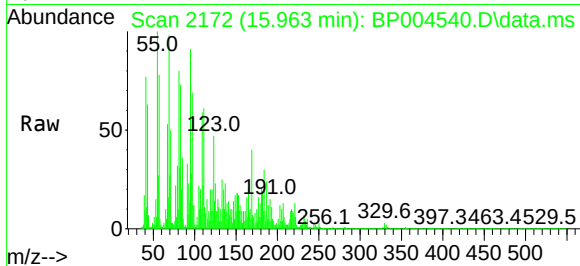




#42
2,4,6-Tribromophenol
Concen: 0.05 ng
RT: 15.963 min Scan# 2172
Delta R.T. 0.000 min
Lab File: BP004540.D
Acq: 13 Jan 2021 16:38

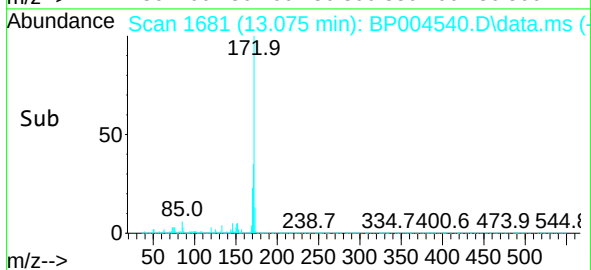
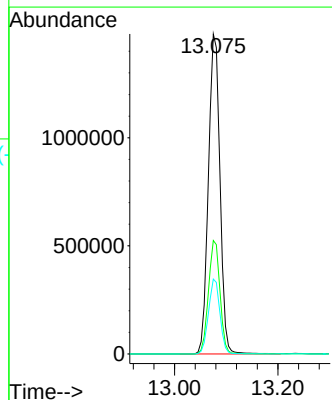
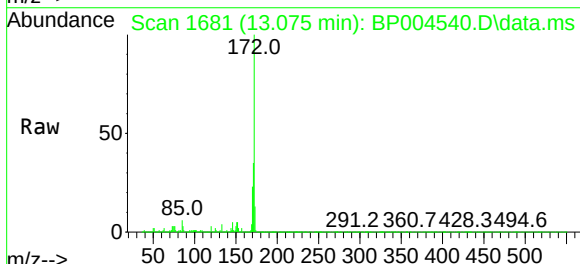
Instrument :
BNA_P
ClientSampleId :
355

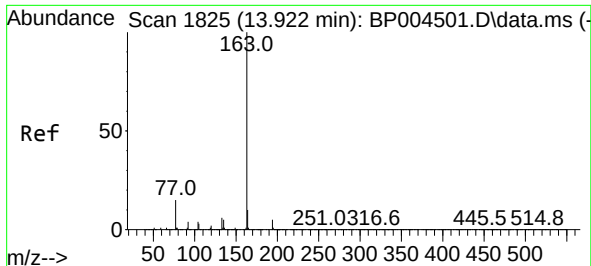
Tgt Ion:330 Resp: 391
Ion Ratio Lower Upper
330 100
332 158.8 77.1 115.7#
141 150.1 23.4 35.2#



#45
2-Fluorobiphenyl
Concen: 61.05 ng
RT: 13.075 min Scan# 1681
Delta R.T. -0.006 min
Lab File: BP004540.D
Acq: 13 Jan 2021 16:38

Tgt Ion:172 Resp: 2300422
Ion Ratio Lower Upper
172 100
171 35.5 28.5 42.7
170 23.4 19.2 28.8

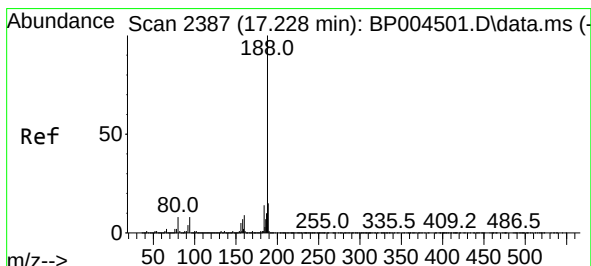
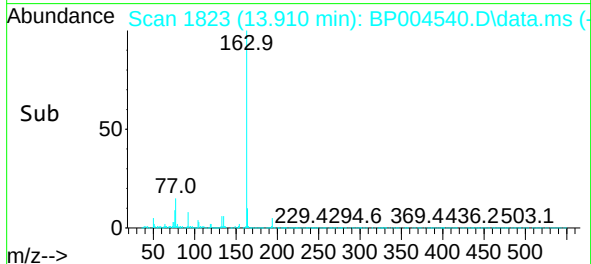
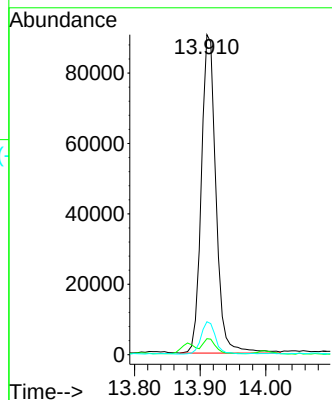
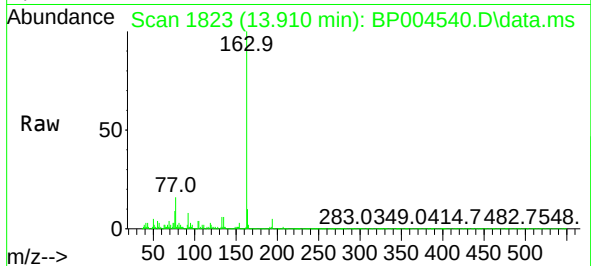




#50
Dimethylphthalate
Concen: 3.46 ng
RT: 13.910 min Scan# 1823
Delta R.T. -0.012 min
Lab File: BP004540.D
Acq: 13 Jan 2021 16:38

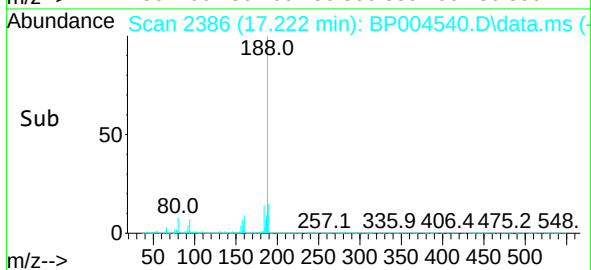
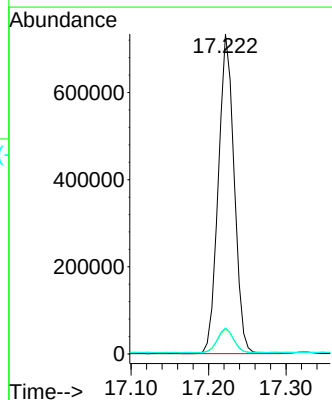
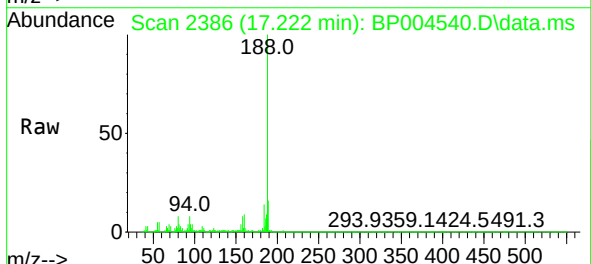
Instrument :
BNA_P
ClientSampled :
355

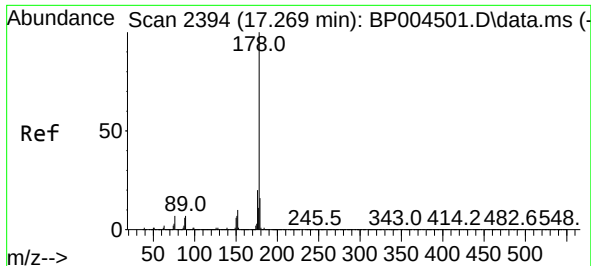
Tgt Ion:163 Resp: 140607
Ion Ratio Lower Upper
163 100
194 5.0 3.3 4.9#
164 10.3 8.2 12.2



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.222 min Scan# 2386
Delta R.T. -0.006 min
Lab File: BP004540.D
Acq: 13 Jan 2021 16:38

Tgt Ion:188 Resp: 1043534
Ion Ratio Lower Upper
188 100
94 7.9 6.2 9.2
80 8.1 6.2 9.2

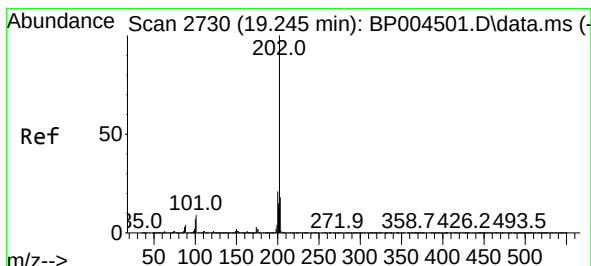
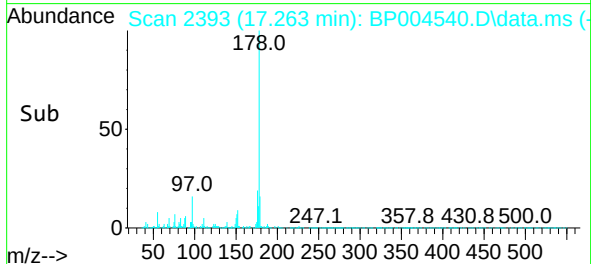
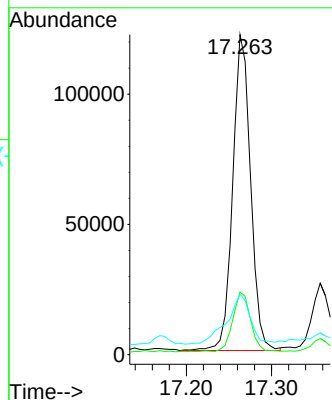
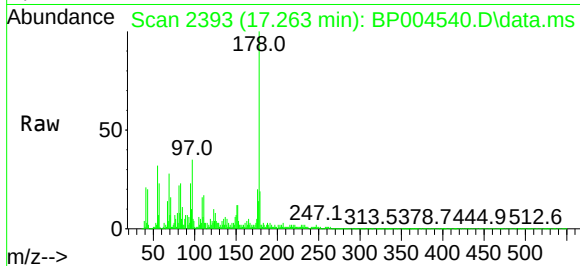




#71
Phenanthrene
Concen: 2.95 ng
RT: 17.263 min Scan# 2393
Delta R.T. -0.006 min
Lab File: BP004540.D
Acq: 13 Jan 2021 16:38

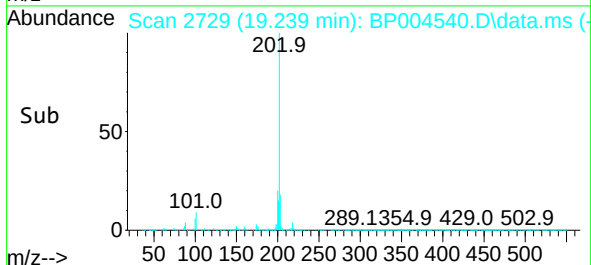
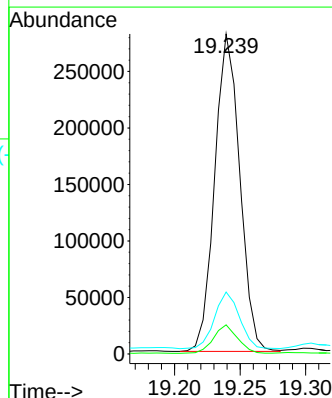
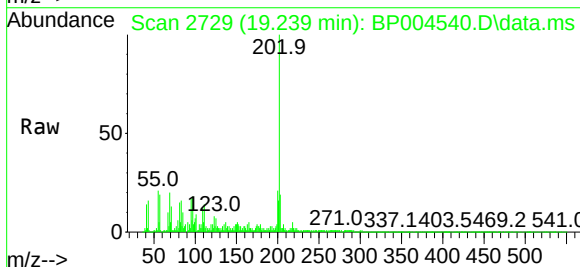
Instrument :
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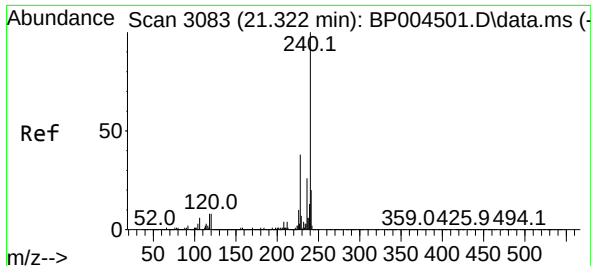
Tgt Ion:178 Resp: 176532
Ion Ratio Lower Upper
178 100
176 19.6 15.3 22.9
179 18.9 12.5 18.7#



#75
Fluoranthene
Concen: 5.13 ng
RT: 19.239 min Scan# 2729
Delta R.T. -0.006 min
Lab File: BP004540.D
Acq: 13 Jan 2021 16:38

Tgt Ion:202 Resp: 373387
Ion Ratio Lower Upper
202 100
101 9.1 0.0 29.4
203 19.3 0.0 37.8

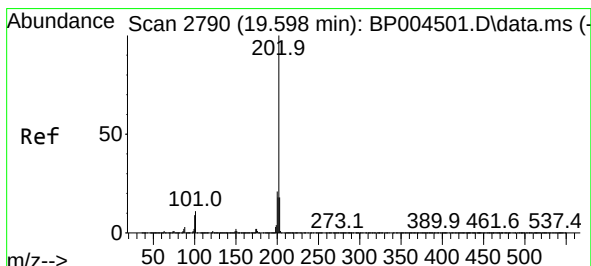
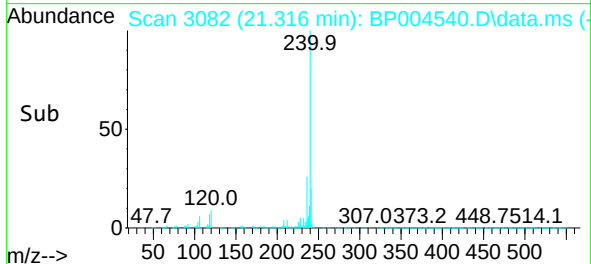
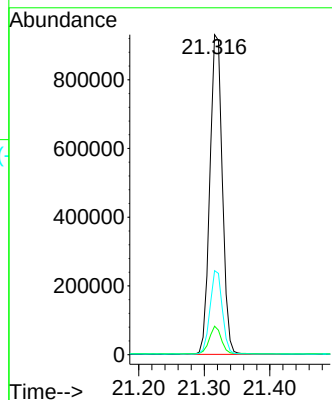
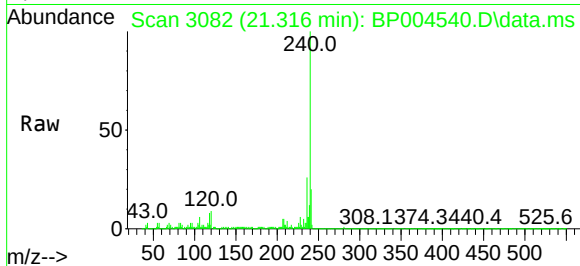




#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.316 min Scan# 3082
Delta R.T. -0.006 min
Lab File: BP004540.D
Acq: 13 Jan 2021 16:38

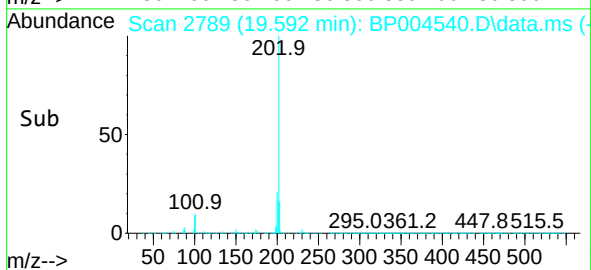
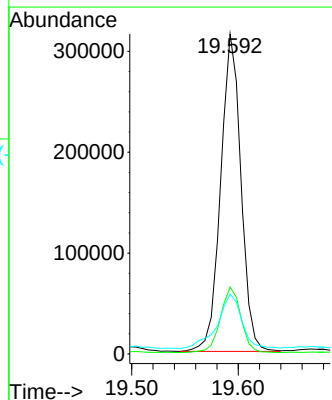
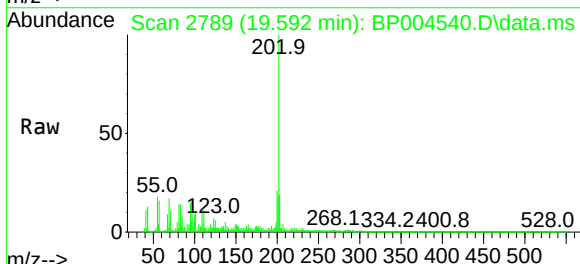
Instrument :
BNA_P
ClientSampled :
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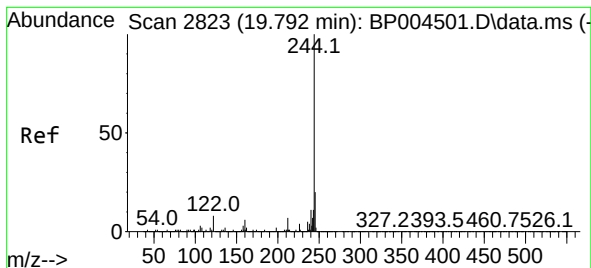
Tgt Ion:240 Resp: 1232637
Ion Ratio Lower Upper
240 100
120 8.9 7.8 11.6
236 26.3 20.8 31.2



#78
Pyrene
Concen: 4.95 ng
RT: 19.592 min Scan# 2789
Delta R.T. -0.006 min
Lab File: BP004540.D
Acq: 13 Jan 2021 16:38

Tgt Ion:202 Resp: 415542
Ion Ratio Lower Upper
202 100
200 20.9 17.1 25.7
203 18.7 14.2 21.2





#79

Terphenyl-d14

Concen: 52.50 ng

RT: 19.786 min Scan# 2822

Delta R.T. -0.006 min

Lab File: BP004540.D

Acq: 13 Jan 2021 16:38

Instrument :

BNA_P

ClientSampleId :

355

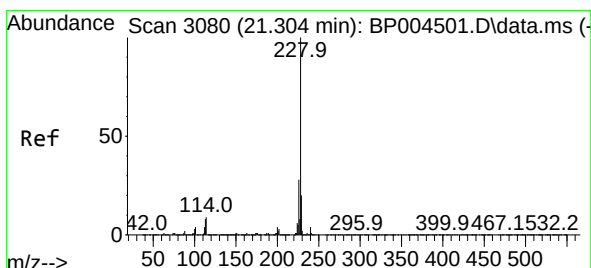
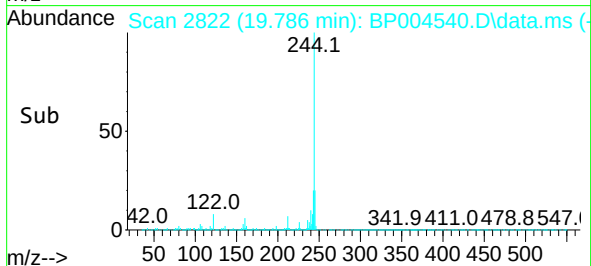
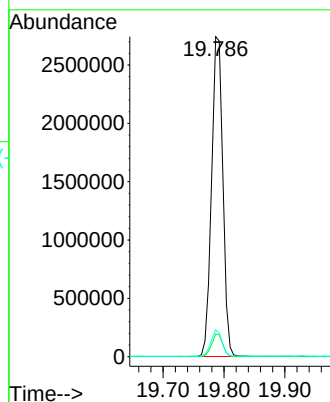
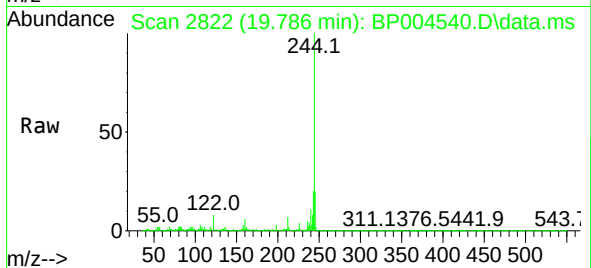
Tgt Ion:244 Resp: 3541765

Ion Ratio Lower Upper

244 100

212 7.1 5.8 8.6

122 8.4 7.8 11.8



#81

Benzo(a)anthracene

Concen: 2.60 ng

RT: 21.304 min Scan# 3080

Delta R.T. 0.000 min

Lab File: BP004540.D

Acq: 13 Jan 2021 16:38

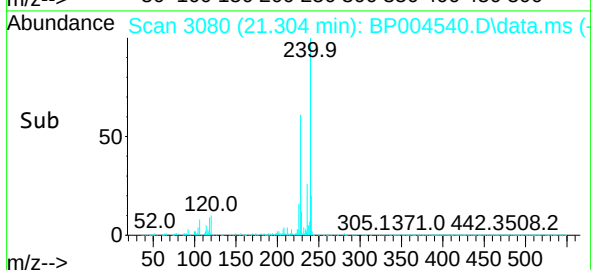
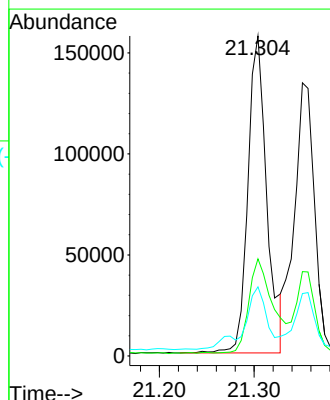
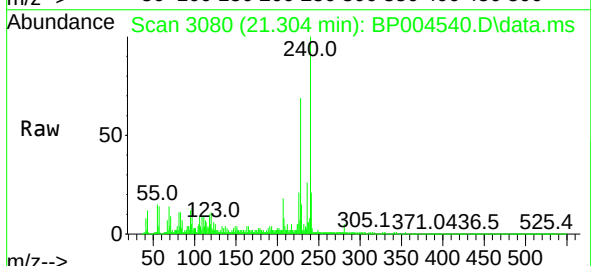
Tgt Ion:228 Resp: 217676

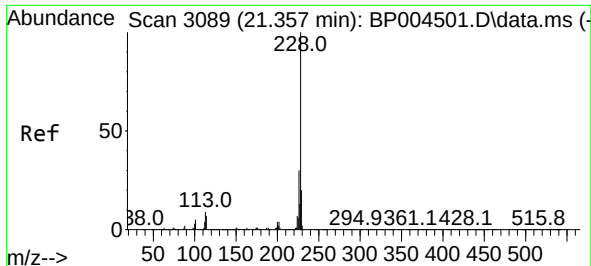
Ion Ratio Lower Upper

228 100

226 30.3 22.1 33.1

229 21.6 15.9 23.9

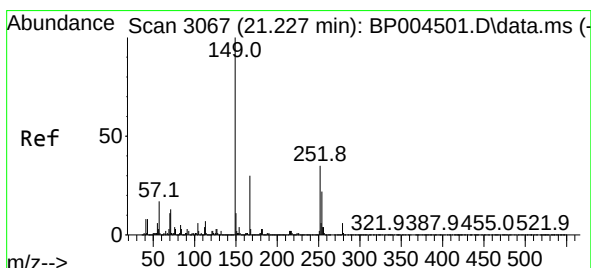
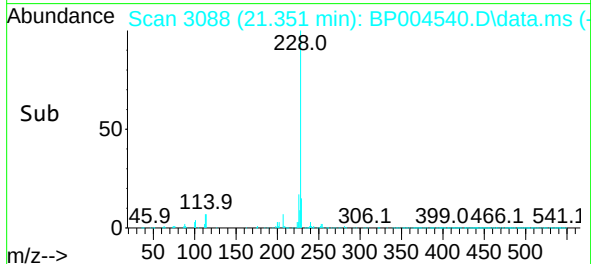
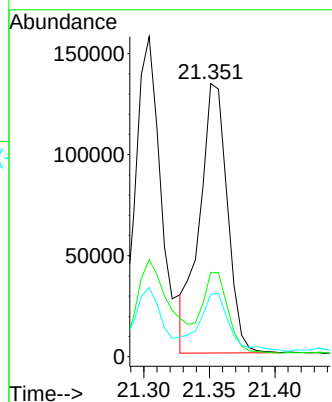
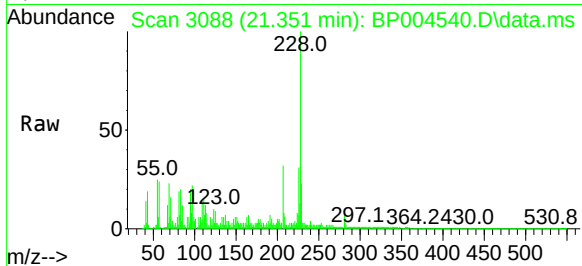




#83
Chrysene
Concen: 2.47 ng
RT: 21.351 min Scan# 3088
Delta R.T. -0.006 min
Lab File: BP004540.D
Acq: 13 Jan 2021 16:38

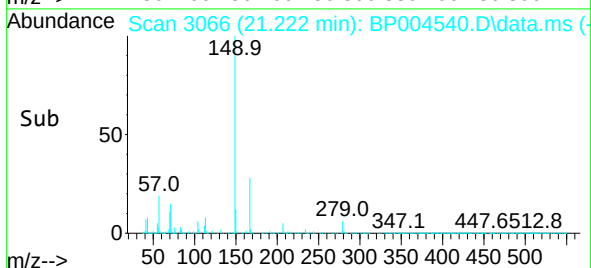
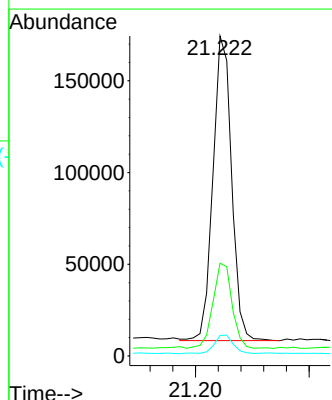
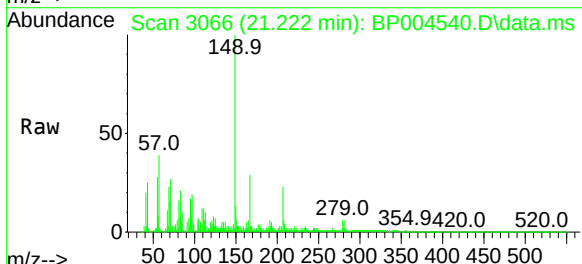
Instrument :
BNA_P
ClientSampleId :
355

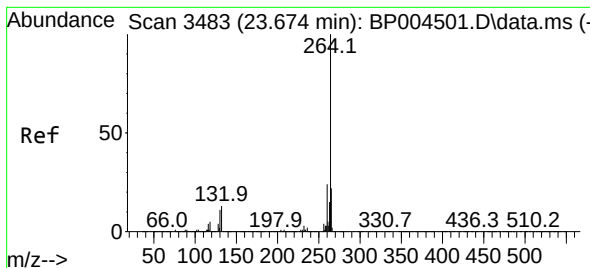
Tgt Ion:228 Resp: 197108
Ion Ratio Lower Upper
228 100
226 30.9 24.4 36.6
229 22.9 15.8 23.6



#84
Bis(2-ethylhexyl)phthalate
Concen: 3.90 ng
RT: 21.222 min Scan# 3066
Delta R.T. -0.006 min
Lab File: BP004540.D
Acq: 13 Jan 2021 16:38

Tgt Ion:149 Resp: 188924
Ion Ratio Lower Upper
149 100
167 29.0 22.6 34.0
279 6.4 4.2 6.2#

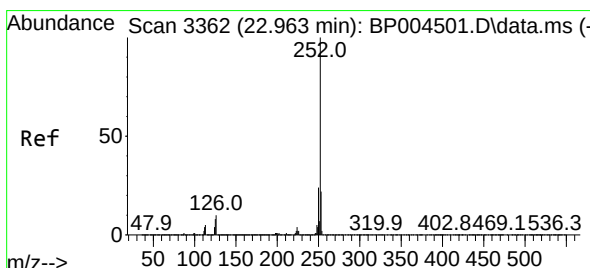
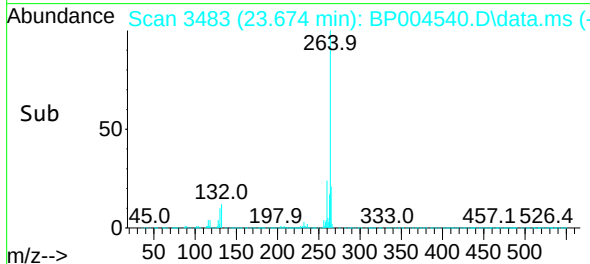
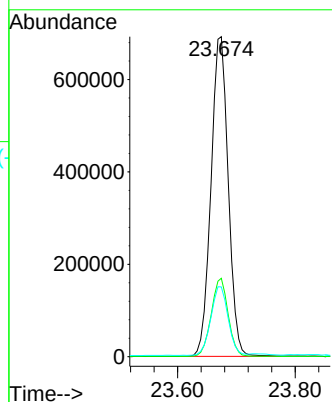
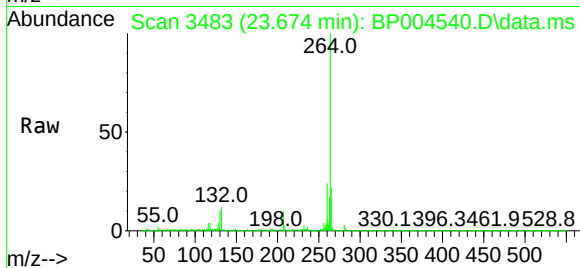




#86
Perylene-d12
Concen: 20.00 ng
RT: 23.674 min Scan# 3483
Delta R.T. 0.000 min
Lab File: BP004540.D
Acq: 13 Jan 2021 16:38

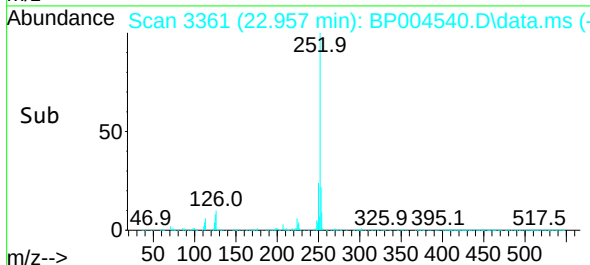
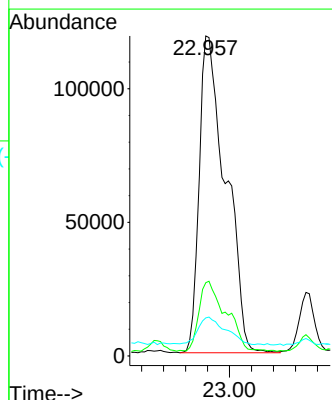
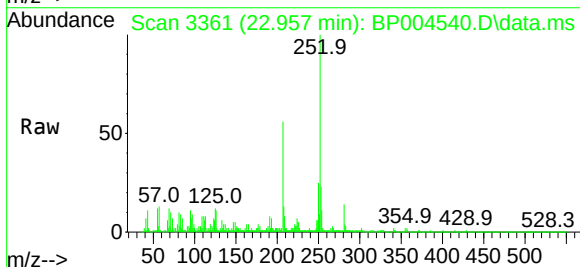
Instrument :
BNA_P
ClientSampled :
355

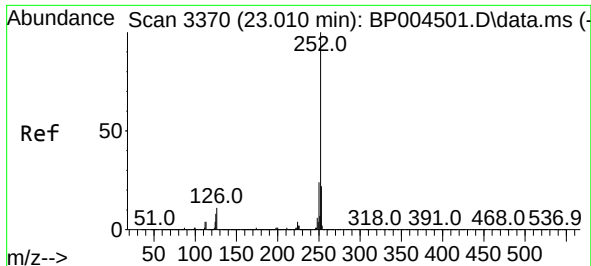
Tgt Ion:264 Resp: 1411280
Ion Ratio Lower Upper
264 100
260 24.5 18.8 28.2
265 21.8 17.4 26.2



#88
Benzo(b)fluoranthene
Concen: 4.34 ng
RT: 22.957 min Scan# 3361
Delta R.T. -0.006 min
Lab File: BP004540.D
Acq: 13 Jan 2021 16:38

Tgt Ion:252 Resp: 396611
Ion Ratio Lower Upper
252 100
253 22.9 17.6 26.4
125 11.9 7.3 10.9#

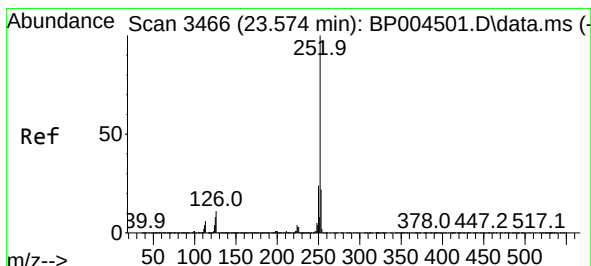
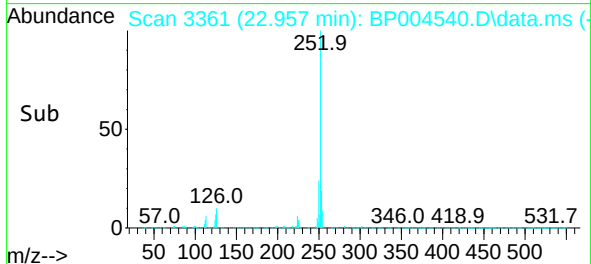
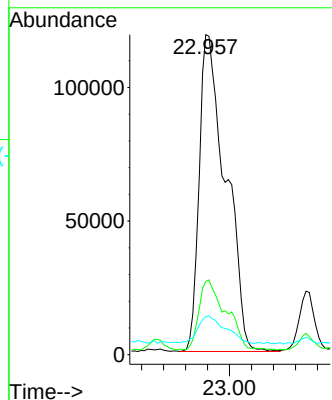
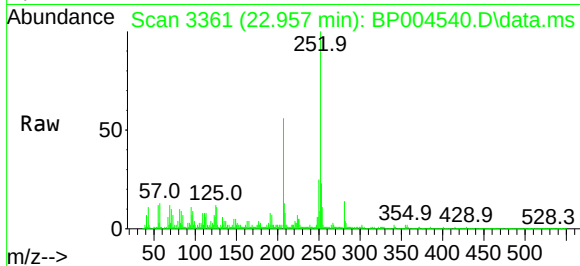




#89
Benzo(k)fluoranthene
Concen: 4.55 ng
RT: 22.957 min Scan# 3361
Delta R.T. -0.053 min
Lab File: BP004540.D
Acq: 13 Jan 2021 16:38

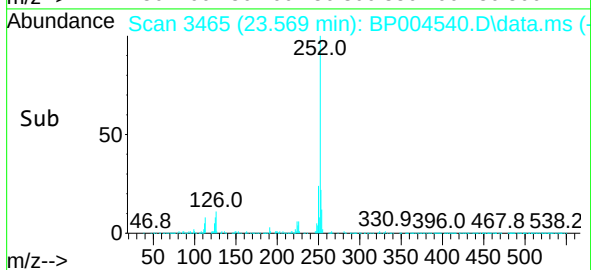
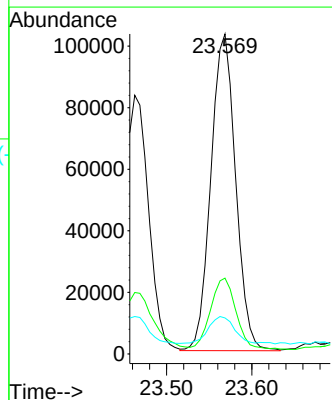
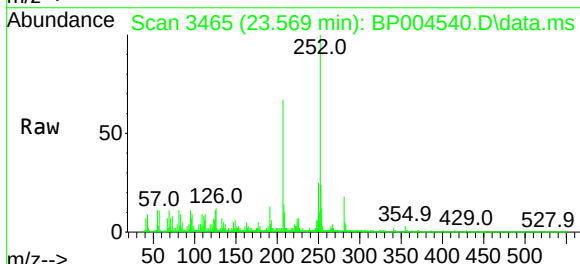
Instrument :
BNA_P
ClientSampleId :
355

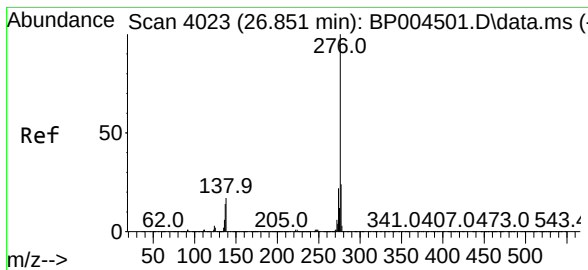
Tgt Ion:252 Resp: 396611
Ion Ratio Lower Upper
252 100
253 22.9 17.8 26.8
125 11.9 7.4 11.2#



#90
Benzo(a)pyrene
Concen: 2.44 ng
RT: 23.569 min Scan# 3465
Delta R.T. -0.006 min
Lab File: BP004540.D
Acq: 13 Jan 2021 16:38

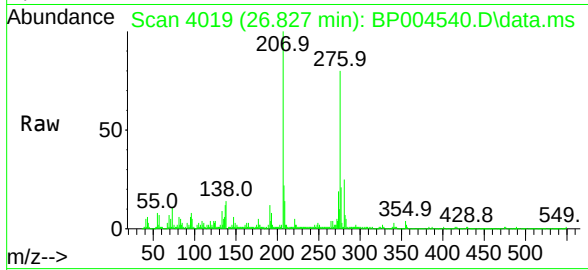
Tgt Ion:252 Resp: 207980
Ion Ratio Lower Upper
252 100
253 23.7 17.4 26.0
125 11.3 8.2 12.4





#92
Benzo(g,h,i)perylene
Concen: 2.25 ng
RT: 26.827 min Scan# 4019
Delta R.T. -0.023 min
Lab File: BP004540.D
Acq: 13 Jan 2021 16:38

Instrument :
BNA_P
ClientSampleId :
355



Tgt Ion: 276 Resp: 198772

Ion	Ratio	Lower	Upper
276	100		
277	26.1	19.0	28.6
138	17.2	16.6	24.8

