

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP011221\
 Data File : BP004516.D
 Acq On : 12 Jan 2021 21:37
 Operator : CG/JU
 Sample : M1075-01
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 72-11977

Quant Time: Jan 12 23:32:40 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)

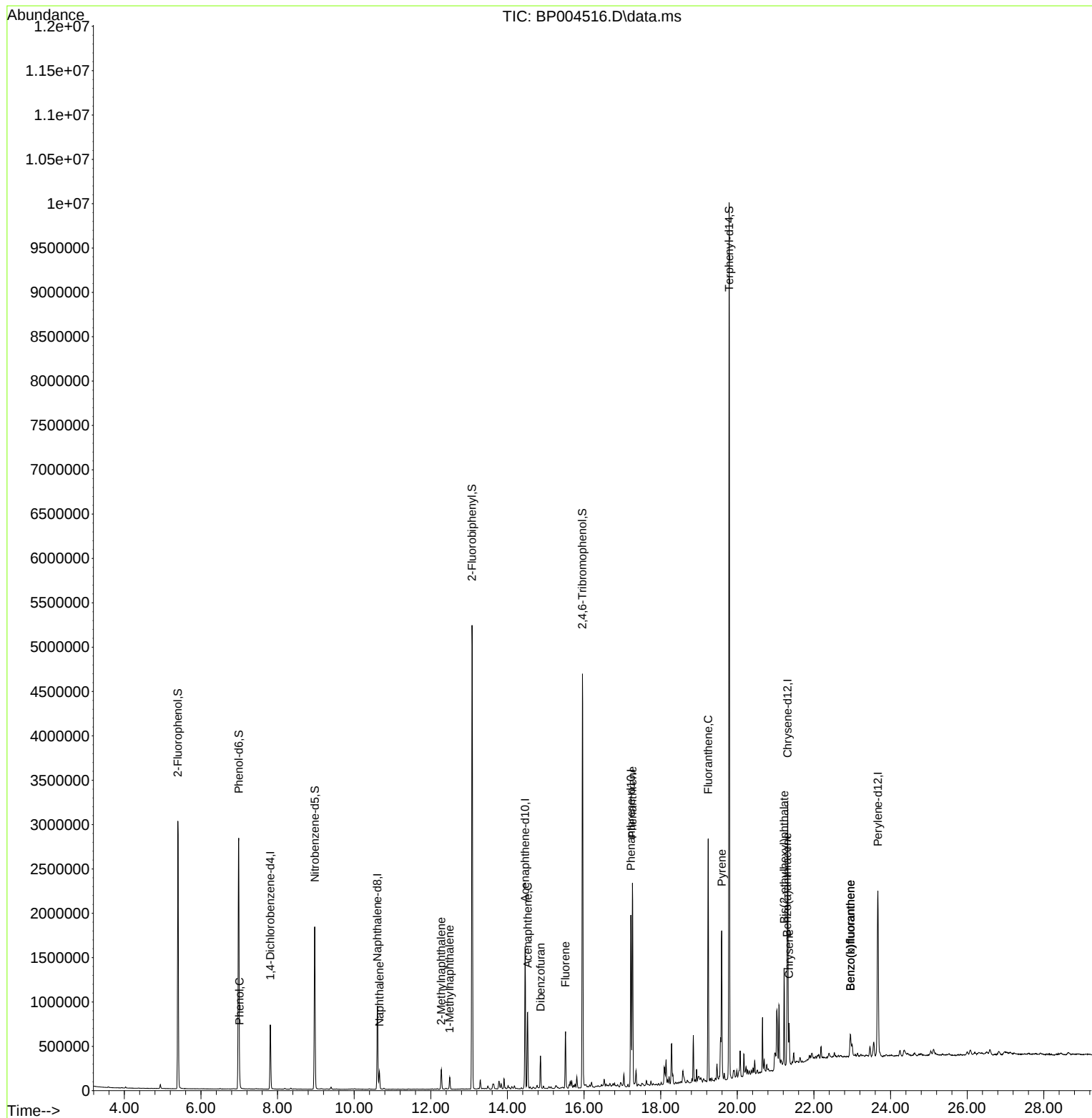
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.810	152	222273	20.00	ng	0.00
21) Naphthalene-d8	10.604	136	875383	20.00	ng	# 0.00
39) Acenaphthene-d10	14.463	164	562586	20.00	ng	0.00
64) Phenanthrene-d10	17.222	188	1256162	20.00	ng	0.00
76) Chrysene-d12	21.316	240	1402353	20.00	ng	0.00
86) Perylene-d12	23.668	264	1502509	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.399	112	1506763	118.15	ng	0.00
7) Phenol-d6	6.987	99	1897220	108.62	ng	0.00
23) Nitrobenzene-d5	8.969	82	1098805	70.97	ng	0.00
42) 2,4,6-Tribromophenol	15.957	330	1081970	110.62	ng	0.00
45) 2-Fluorobiphenyl	13.075	172	2972375	68.68	ng	0.00
79) Terphenyl-d14	19.786	244	4468056	58.21	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.928	77	161	Below Cal	#	14
10) Phenol	7.010	94	60087	3.59	ng	92
31) Naphthalene	10.657	128	175667	3.65	ng	98
32) Benzoic acid	9.893	122	1071	Below Cal	#	48
37) 2-Methylnaphthalene	12.275	142	114842	3.25	ng	99
38) 1-Methylnaphthalene	12.493	142	68756	2.05	ng	99
41) Hexachlorocyclopentadiene	12.710	237	8	Below Cal		81
52) Acenaphthene	14.528	154	341656	10.08	ng	98
54) 2,4-Dinitrophenol	14.604	184	24	Below Cal	#	1
55) Dibenzofuran	14.863	168	249042	4.54	ng	96
58) Fluorene	15.516	166	289631	6.61	ng	99
71) Phenanthrene	17.263	178	1487266	20.65	ng	100
75) Fluoranthene	19.239	202	1585302	18.09	ng	99
78) Pyrene	19.592	202	1094607	11.47	ng	99
81) Benzo(a)anthracene	21.298	228	322971	3.39	ng	100
83) Chrysene	21.351	228	276147	3.04	ng	98
84) Bis(2-ethylhexyl)phtha...	21.221	149	424131	7.70	ng	99
88) Benzo(b)fluoranthene	22.957	252	225415	2.32	ng	98
89) Benzo(k)fluoranthene	22.957	252	225415	2.43	ng	98

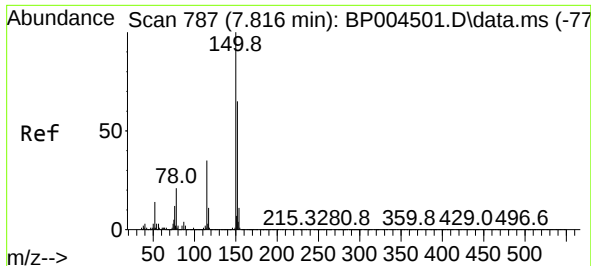
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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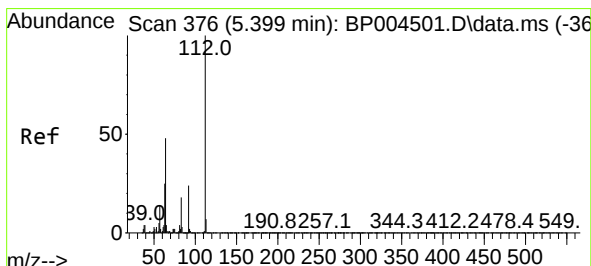
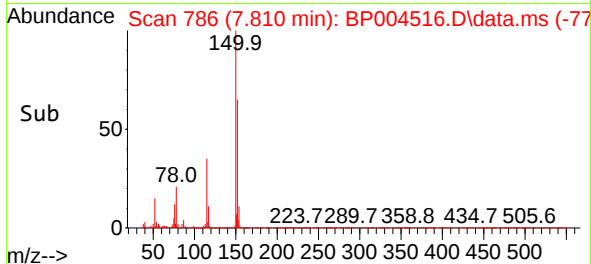
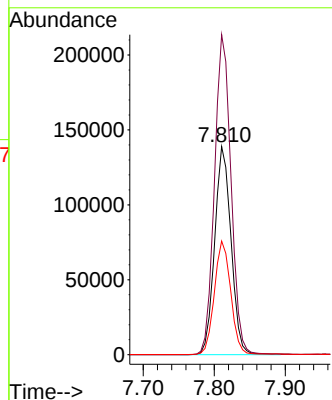
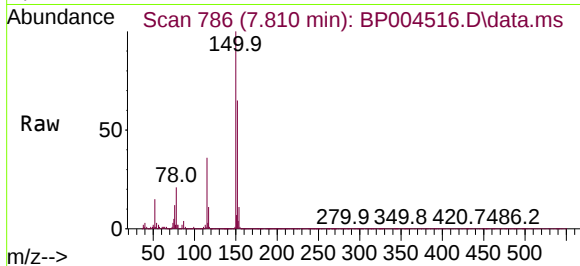




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.810 min Scan# 786
Delta R.T. -0.006 min
Lab File: BP004516.D
Acq: 12 Jan 2021 21:37

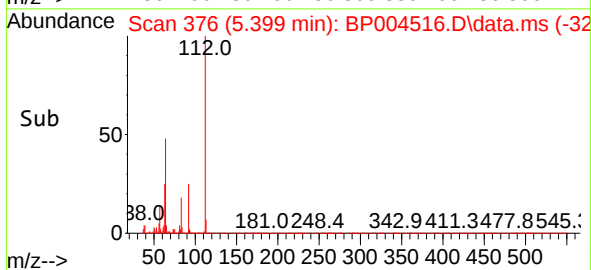
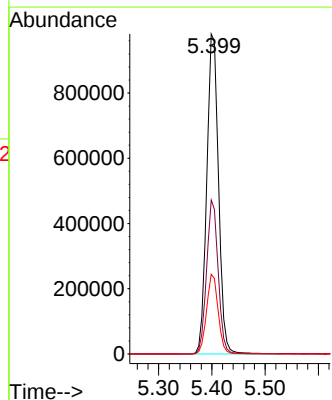
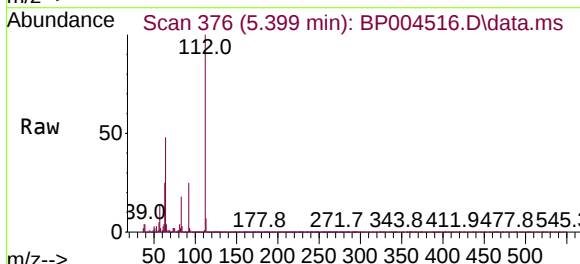
Instrument :
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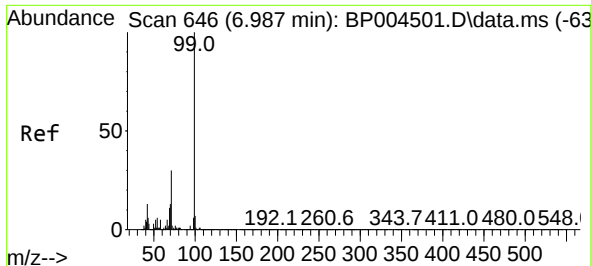
Tgt Ion:152 Resp: 222273
Ion Ratio Lower Upper
152 100
150 153.8 123.8 185.6
115 54.6 43.8 65.6



#5
2-Fluorophenol
Concen: 118.15 ng
RT: 5.399 min Scan# 376
Delta R.T. -0.000 min
Lab File: BP004516.D
Acq: 12 Jan 2021 21:37

Tgt Ion:112 Resp: 1506763
Ion Ratio Lower Upper
112 100
64 48.1 32.8 49.2
63 24.9 17.0 25.4

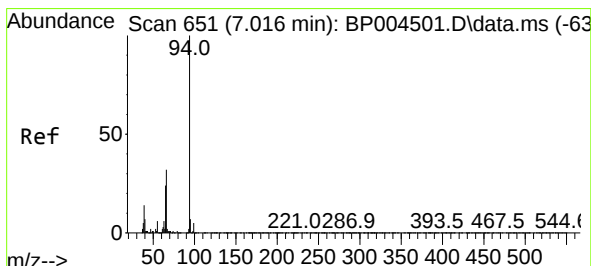
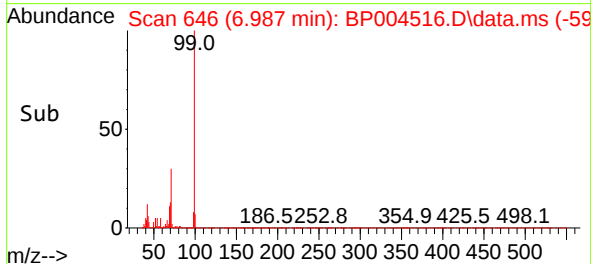
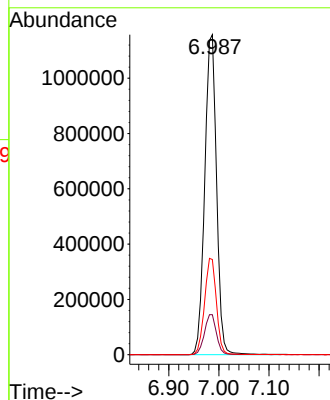
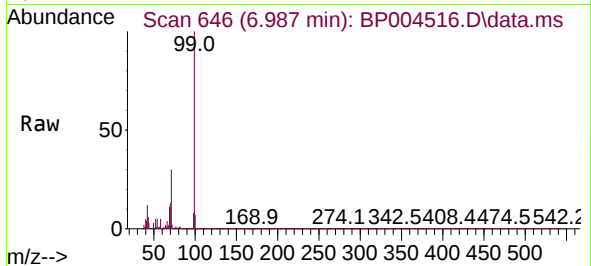




#7
Phenol-d6
Concen: 108.62 ng
RT: 6.987 min Scan# 646
Delta R.T. -0.000 min
Lab File: BP004516.D
Acq: 12 Jan 2021 21:37

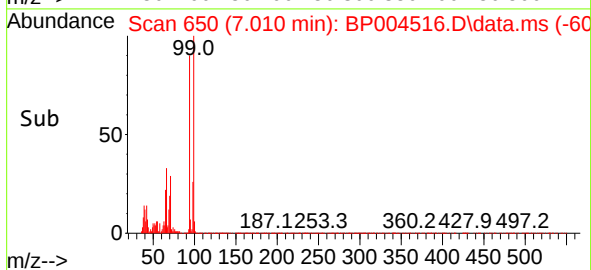
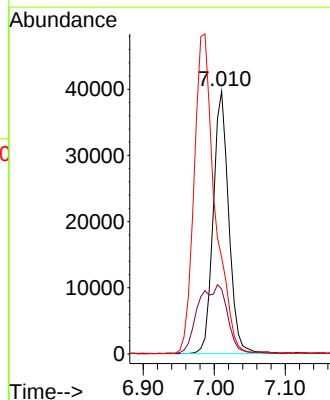
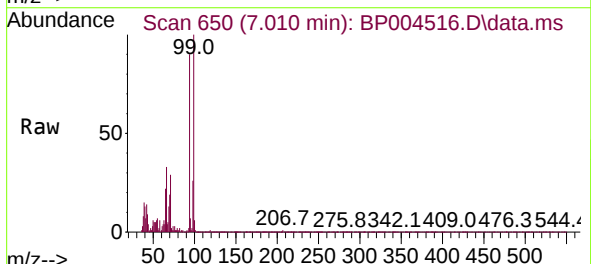
Instrument :
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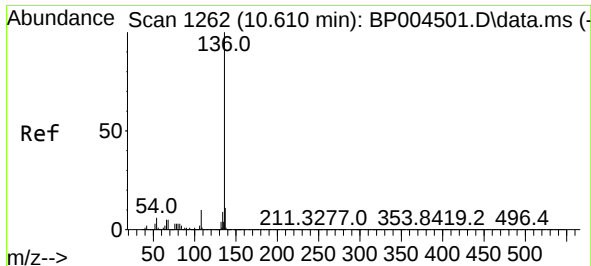
Tgt Ion: 99 Resp: 1897220
Ion Ratio Lower Upper
99 100
42 12.5 8.6 13.0
71 29.7 23.4 35.2



#10
Phenol
Concen: 3.59 ng
RT: 7.010 min Scan# 650
Delta R.T. -0.006 min
Lab File: BP004516.D
Acq: 12 Jan 2021 21:37

Tgt Ion: 94 Resp: 60087
Ion Ratio Lower Upper
94 100
65 24.7 2.3 42.3
66 36.8 10.9 50.9

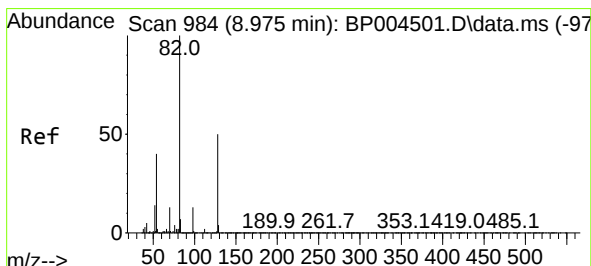
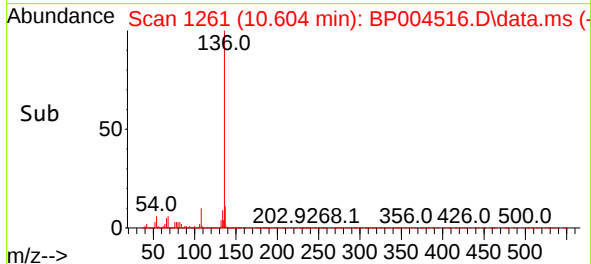
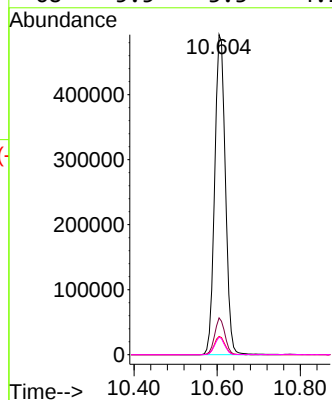
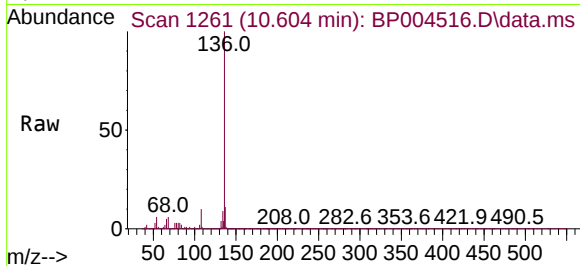




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.604 min Scan# 1261
Delta R.T. -0.006 min
Lab File: BP004516.D
Acq: 12 Jan 2021 21:37

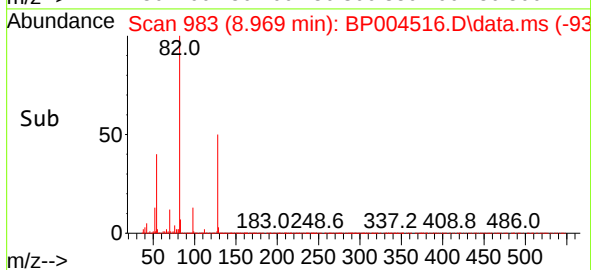
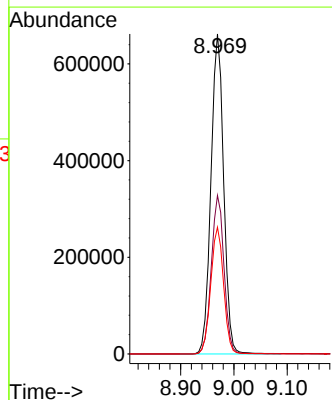
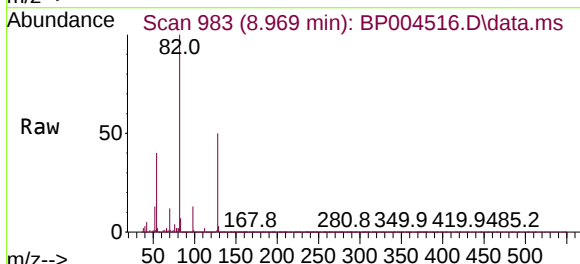
Instrument :
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ClientSampleId :
72-11977

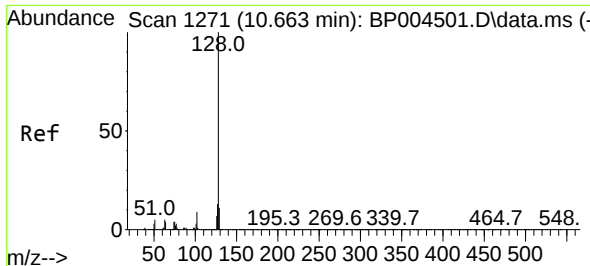
Tgt Ion:	136	Resp:	875383
Ion Ratio	Lower	Upper	
136	100		
137	11.5	8.6	13.0
54	5.7	3.6	5.4#
68	5.5	3.3	4.9#



#23
Nitrobenzene-d5
Concen: 70.97 ng
RT: 8.969 min Scan# 983
Delta R.T. -0.006 min
Lab File: BP004516.D
Acq: 12 Jan 2021 21:37

Tgt Ion:	82	Resp:	1098805
Ion Ratio	Lower	Upper	
82	100		
128	49.6	45.6	68.4
54	39.6	30.1	45.1

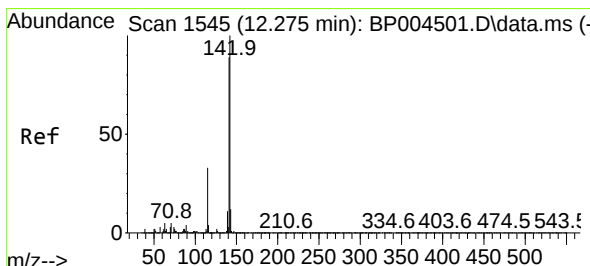
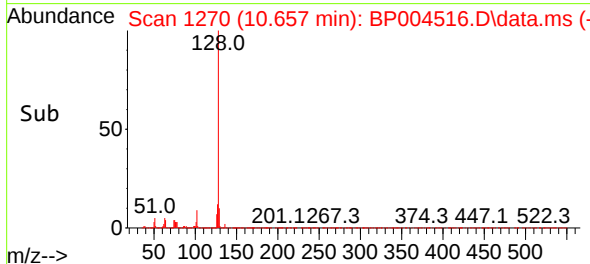
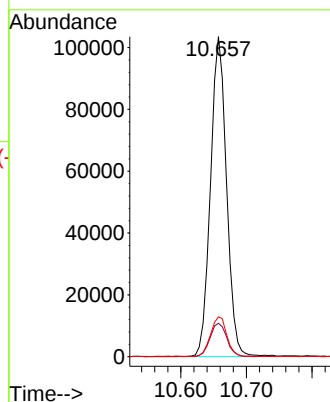
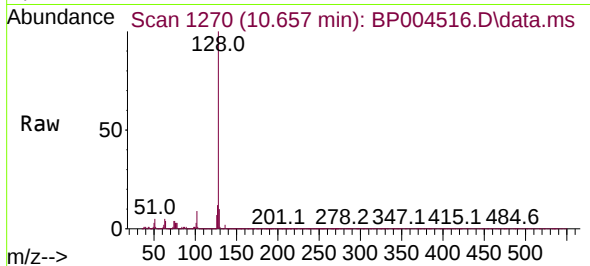




#31
Naphthalene
Concen: 3.65 ng
RT: 10.657 min Scan# 1270
Delta R.T. -0.006 min
Lab File: BP004516.D
Acq: 12 Jan 2021 21:37

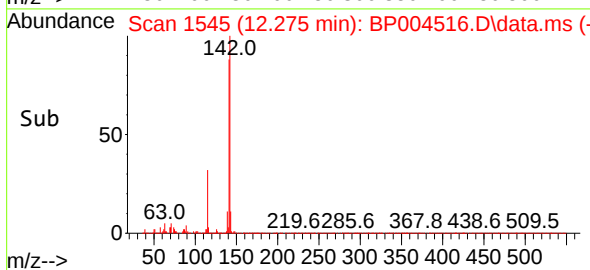
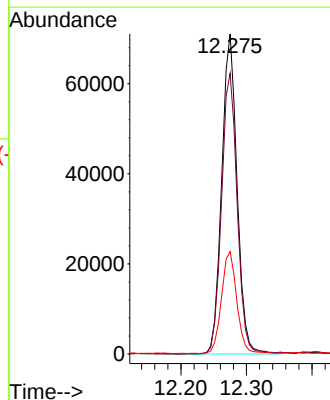
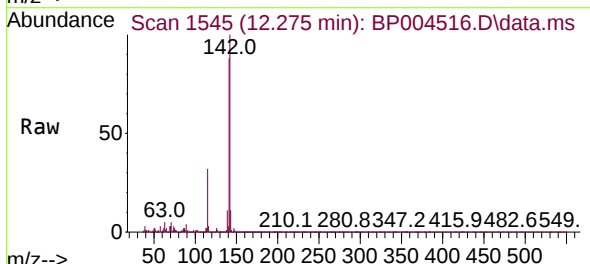
Instrument :
BNA_P
ClientSampleId :
72-11977

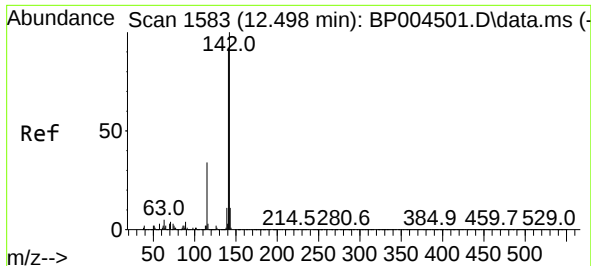
Tgt Ion:	128	Resp:	175667
Ion	Ratio	Lower	Upper
128	100		
129	10.4	8.8	13.2
127	12.5	10.6	15.8



#37
2-Methylnaphthalene
Concen: 3.25 ng
RT: 12.275 min Scan# 1545
Delta R.T. -0.000 min
Lab File: BP004516.D
Acq: 12 Jan 2021 21:37

Tgt Ion:	142	Resp:	114842
Ion	Ratio	Lower	Upper
142	100		
141	87.7	71.4	107.2
115	32.0	25.8	38.6

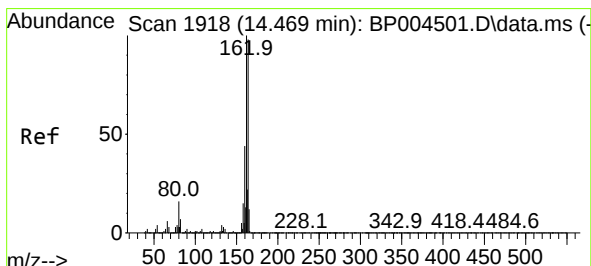
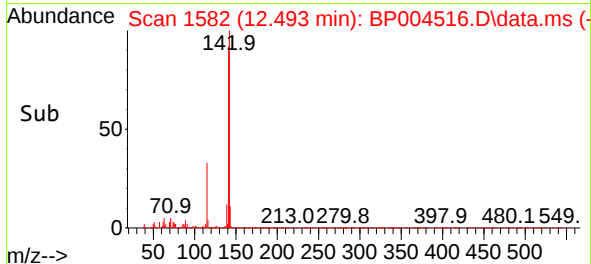
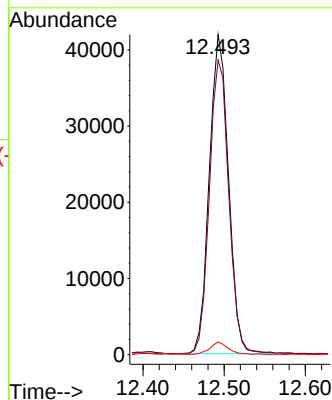
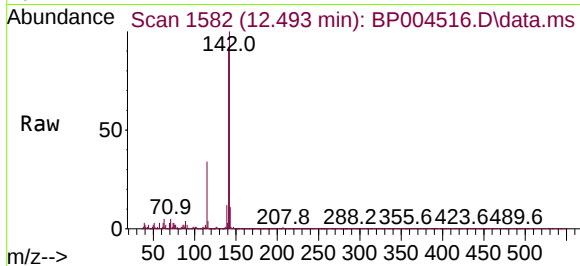




#38
1-Methylnaphthalene
Concen: 2.05 ng
RT: 12.493 min Scan# 1582
Delta R.T. -0.006 min
Lab File: BP004516.D
Acq: 12 Jan 2021 21:37

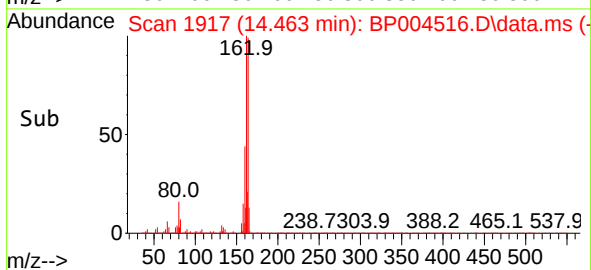
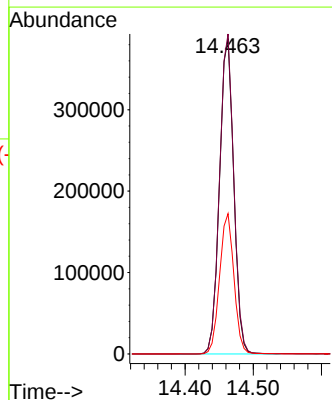
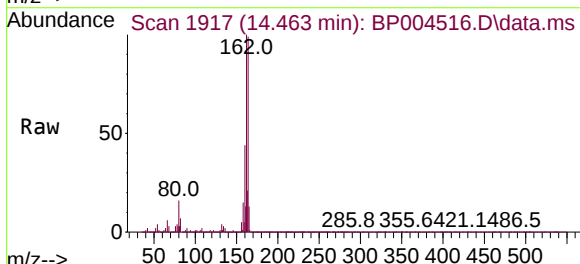
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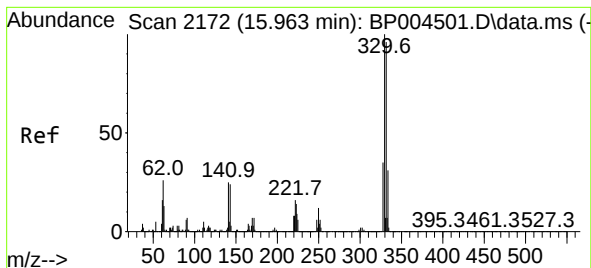
Tgt Ion:142 Resp: 68756
Ion Ratio Lower Upper
142 100
141 92.1 74.4 111.6
116 4.0 2.9 4.3



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.463 min Scan# 1917
Delta R.T. -0.006 min
Lab File: BP004516.D
Acq: 12 Jan 2021 21:37

Tgt Ion:164 Resp: 562586
Ion Ratio Lower Upper
164 100
162 101.5 79.4 119.2
160 44.5 36.1 54.1

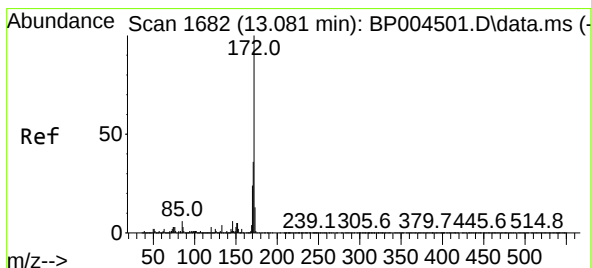
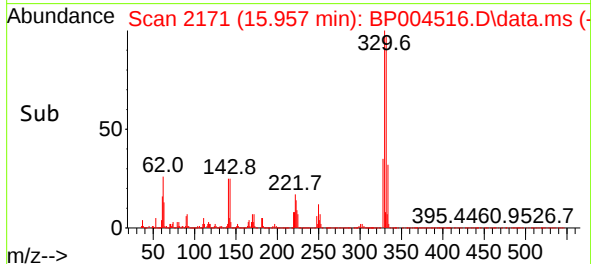
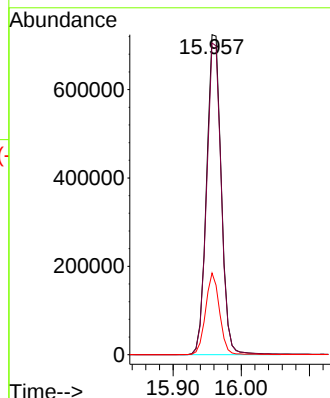
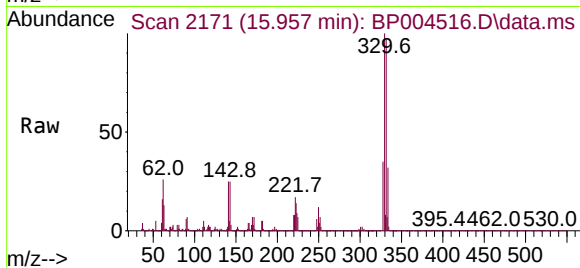




#42
2,4,6-Tribromophenol
Concen: 110.62 ng
RT: 15.957 min Scan# 2171
Delta R.T. -0.006 min
Lab File: BP004516.D
Acq: 12 Jan 2021 21:37

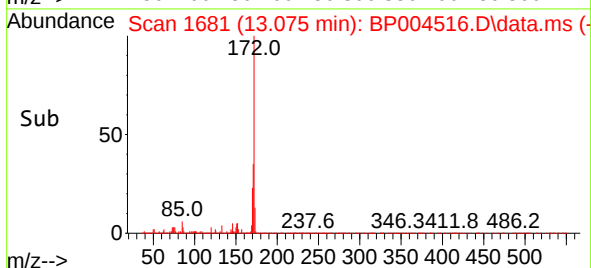
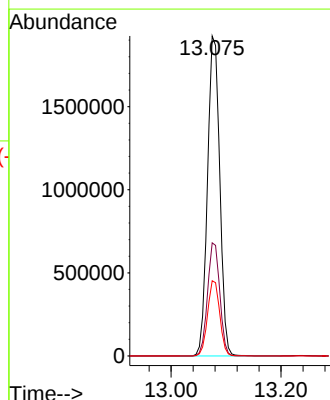
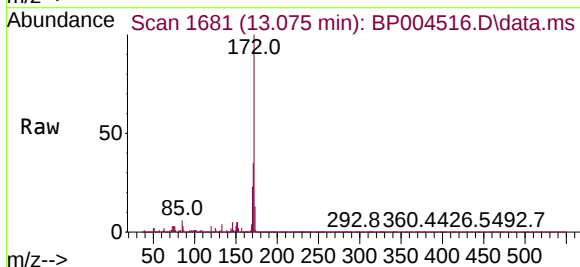
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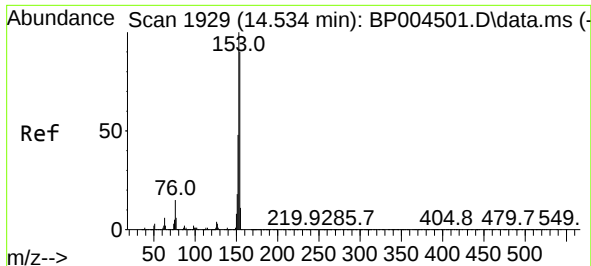
Tgt Ion:330 Resp: 1081970
Ion Ratio Lower Upper
330 100
332 96.9 77.1 115.7
141 24.3 23.4 35.2



#45
2-Fluorobiphenyl
Concen: 68.68 ng
RT: 13.075 min Scan# 1681
Delta R.T. -0.006 min
Lab File: BP004516.D
Acq: 12 Jan 2021 21:37

Tgt Ion:172 Resp: 2972375
Ion Ratio Lower Upper
172 100
171 35.3 28.5 42.7
170 23.5 19.2 28.8

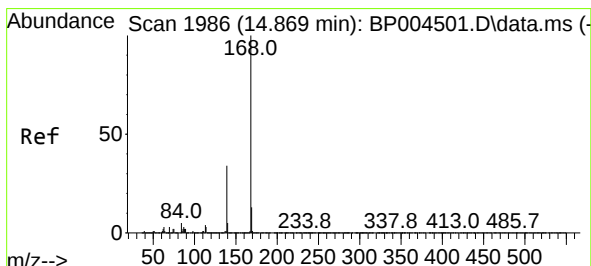
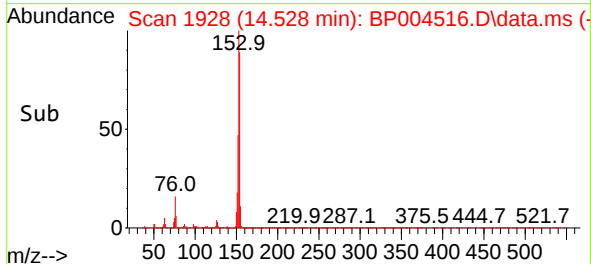
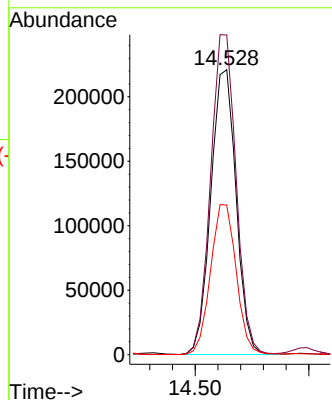
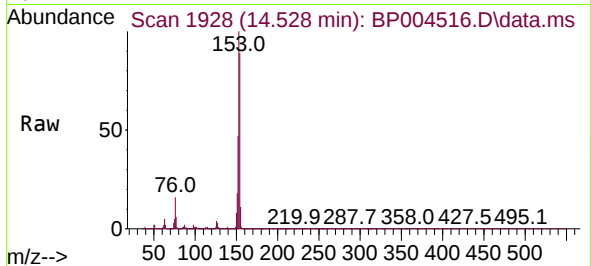




#52
Acenaphthene
Concen: 10.08 ng
RT: 14.528 min Scan# 1928
Delta R.T. -0.006 min
Lab File: BP004516.D
Acq: 12 Jan 2021 21:37

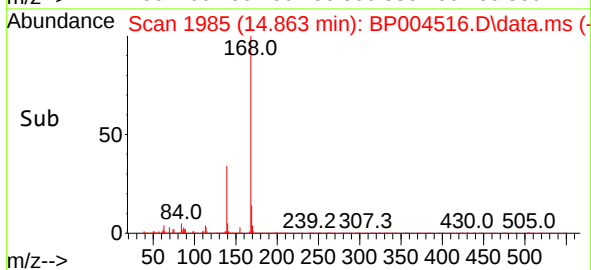
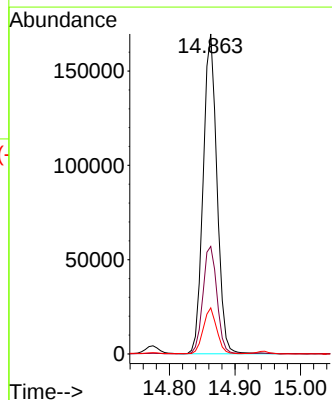
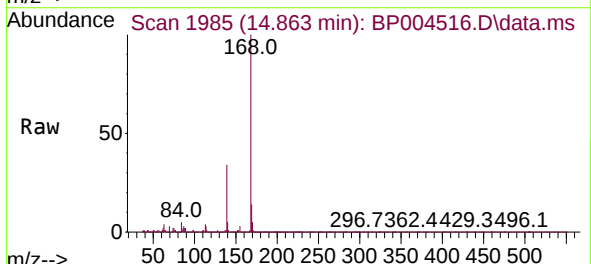
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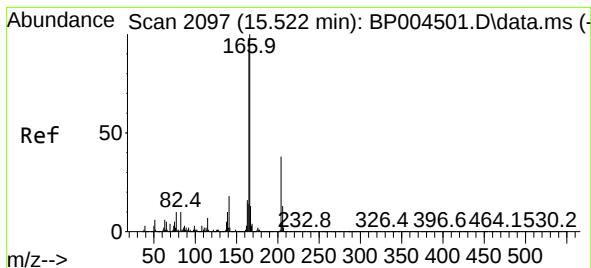
Tgt Ion:	154	Resp:	341656
Ion Ratio	Lower	Upper	
154	100		
153	112.2	91.0	136.6
152	52.5	43.0	64.6



#55
Dibenzofuran
Concen: 4.54 ng
RT: 14.863 min Scan# 1985
Delta R.T. -0.006 min
Lab File: BP004516.D
Acq: 12 Jan 2021 21:37

Tgt Ion:	168	Resp:	249042
Ion Ratio	Lower	Upper	
168	100		
139	33.6	29.1	43.7
169	14.4	10.4	15.6





#58

Fluorene

Concen: 6.61 ng

RT: 15.516 min Scan# 2096

Delta R.T. -0.006 min

Lab File: BP004516.D

Acq: 12 Jan 2021 21:37

Tgt Ion:166 Resp: 289631

Ion Ratio Lower Upper

166 100

165 98.6 77.8 116.8

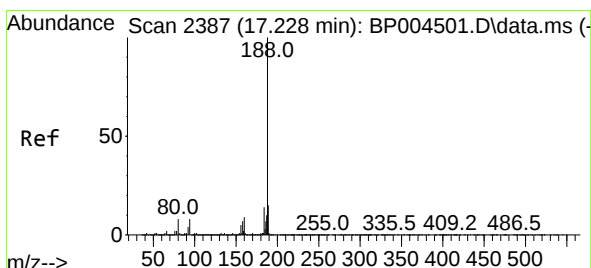
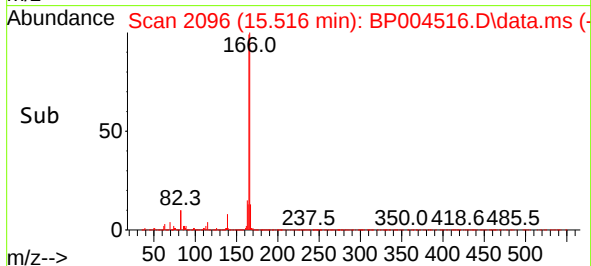
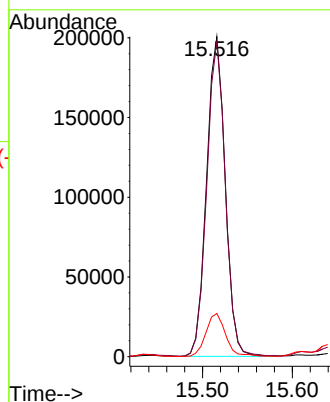
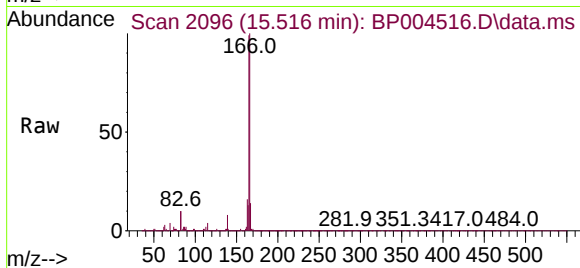
167 13.5 11.0 16.4

Instrument :

BNA_P

ClientSampleId :

72-11977



#64

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.222 min Scan# 2386

Delta R.T. -0.006 min

Lab File: BP004516.D

Acq: 12 Jan 2021 21:37

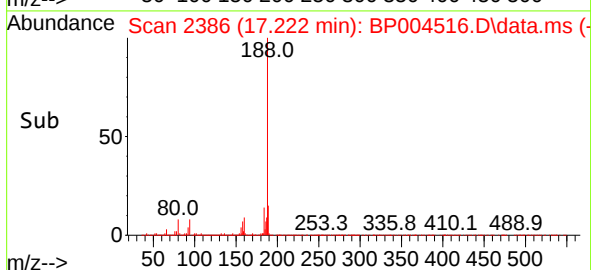
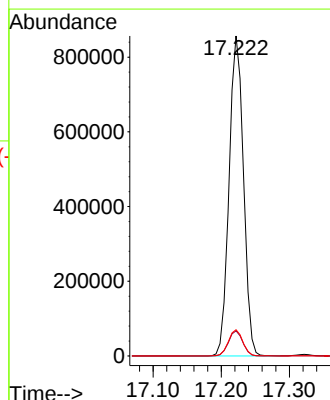
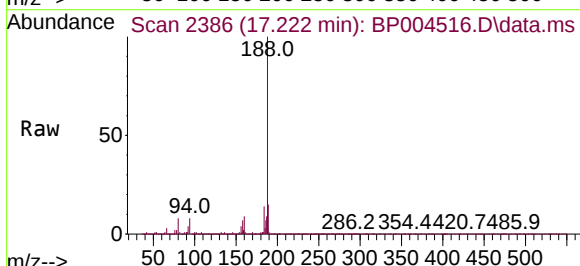
Tgt Ion:188 Resp: 1256162

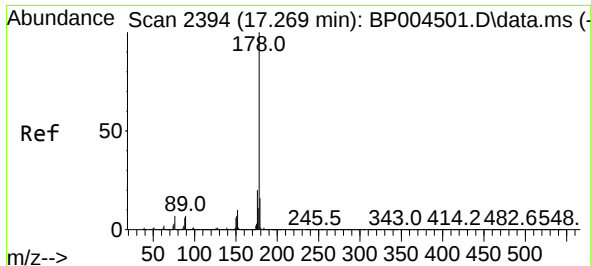
Ion Ratio Lower Upper

188 100

94 7.9 6.2 9.2

80 8.2 6.2 9.2

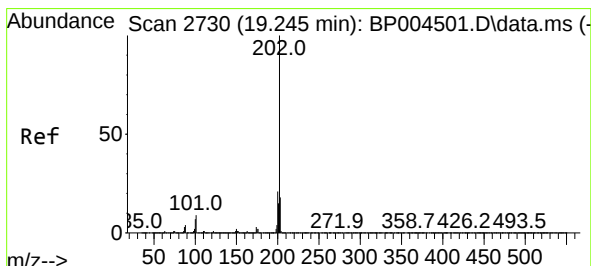
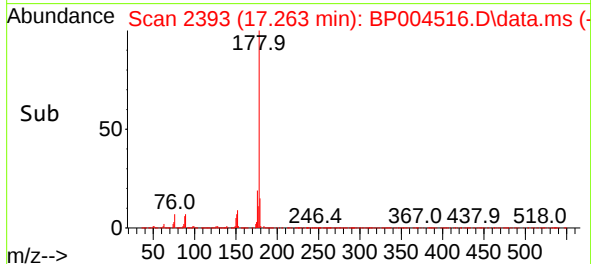
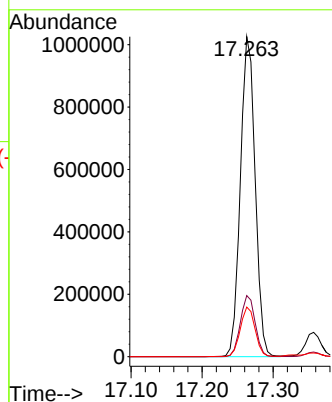
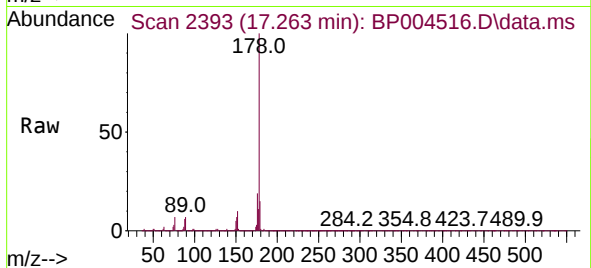




#71
Phenanthrene
Concen: 20.65 ng
RT: 17.263 min Scan# 2393
Delta R.T. -0.006 min
Lab File: BP004516.D
Acq: 12 Jan 2021 21:37

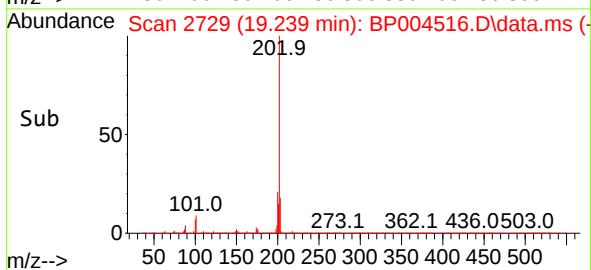
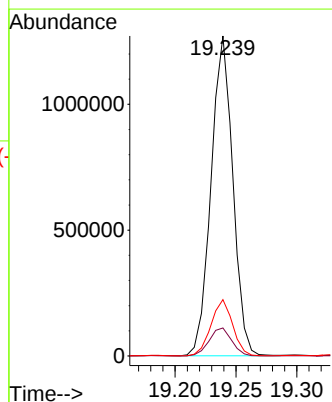
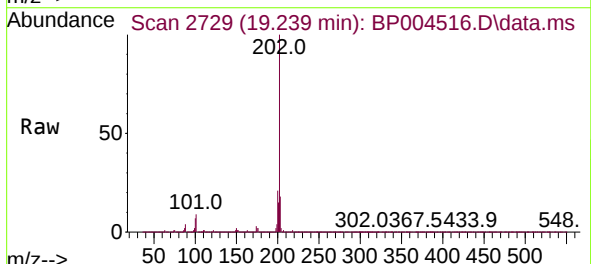
Instrument :
BNA_P
ClientSampleId :
72-11977

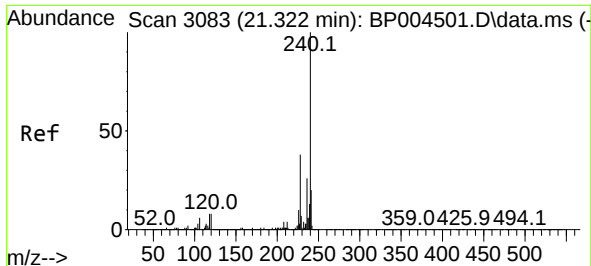
Tgt Ion:178 Resp: 1487266
Ion Ratio Lower Upper
178 100
176 19.1 15.3 22.9
179 15.5 12.5 18.7



#75
Fluoranthene
Concen: 18.09 ng
RT: 19.239 min Scan# 2729
Delta R.T. -0.006 min
Lab File: BP004516.D
Acq: 12 Jan 2021 21:37

Tgt Ion:202 Resp: 1585302
Ion Ratio Lower Upper
202 100
101 8.8 0.0 29.4
203 17.6 0.0 37.8

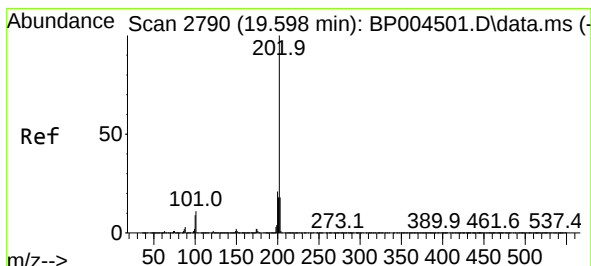
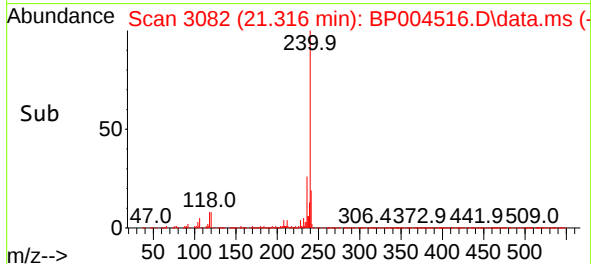
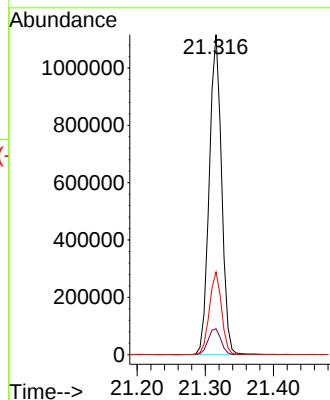
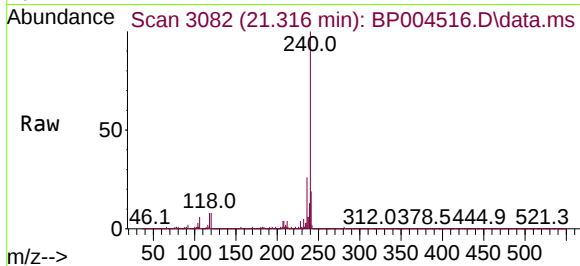




#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.316 min Scan# 3082
Delta R.T. -0.006 min
Lab File: BP004516.D
Acq: 12 Jan 2021 21:37

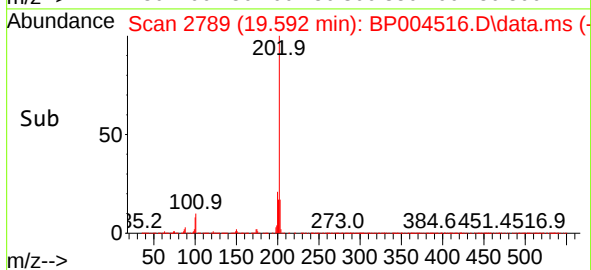
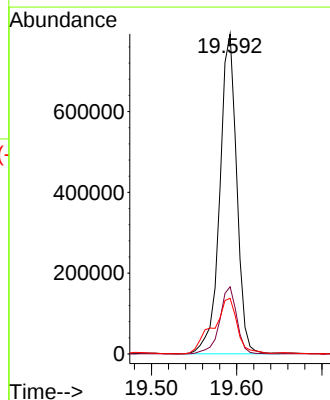
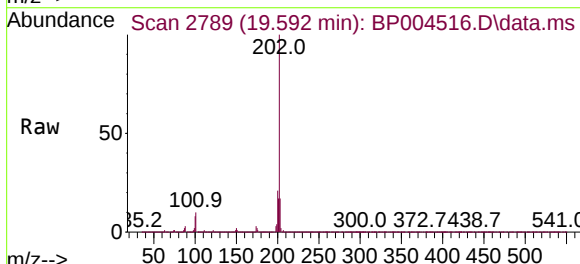
Instrument :
BNA_P
ClientSampleId :
72-11977

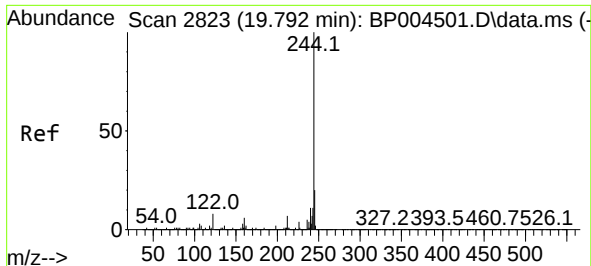
Tgt Ion:240 Resp: 1402353
Ion Ratio Lower Upper
240 100
120 8.1 7.8 11.6
236 25.9 20.8 31.2



#78
Pyrene
Concen: 11.47 ng
RT: 19.592 min Scan# 2789
Delta R.T. -0.006 min
Lab File: BP004516.D
Acq: 12 Jan 2021 21:37

Tgt Ion:202 Resp: 1094607
Ion Ratio Lower Upper
202 100
200 21.0 17.1 25.7
203 17.4 14.2 21.2

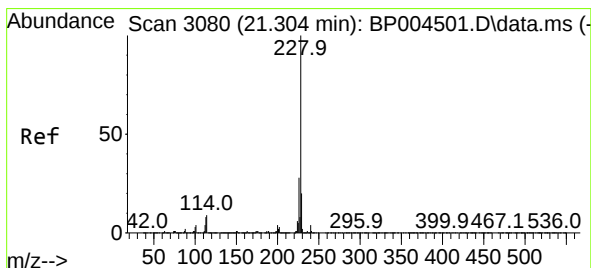
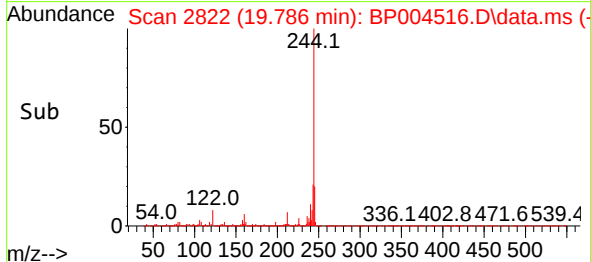
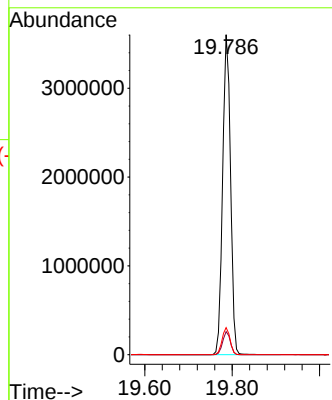
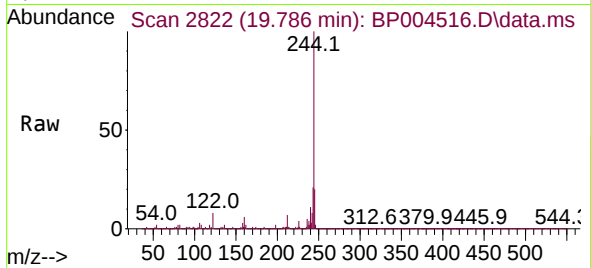




#79
 Terphenyl-d14
 Concen: 58.21 ng
 RT: 19.786 min Scan# 2822
 Delta R.T. -0.006 min
 Lab File: BP004516.D
 Acq: 12 Jan 2021 21:37

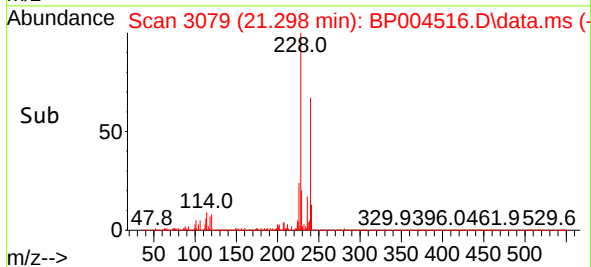
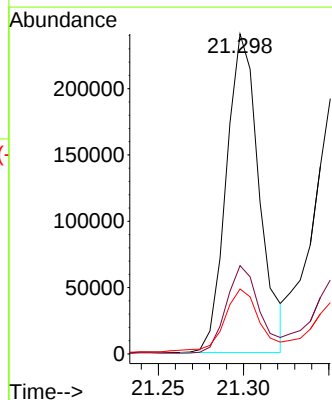
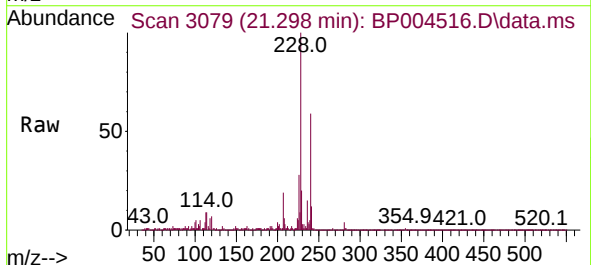
Instrument :
 BNA_P
 ClientSampleId :
 72-11977

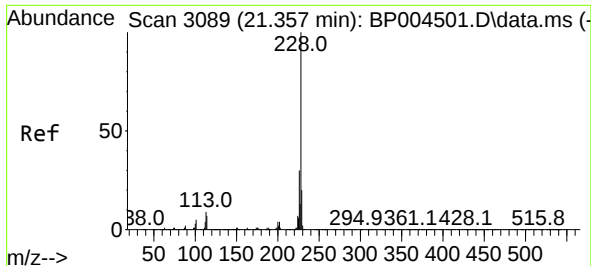
Tgt Ion:244 Resp: 4468056
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.8 8.6
 122 8.5 7.8 11.8



#81
 Benzo(a)anthracene
 Concen: 3.39 ng
 RT: 21.298 min Scan# 3079
 Delta R.T. -0.006 min
 Lab File: BP004516.D
 Acq: 12 Jan 2021 21:37

Tgt Ion:228 Resp: 322971
 Ion Ratio Lower Upper
 228 100
 226 27.6 22.1 33.1
 229 20.3 15.9 23.9

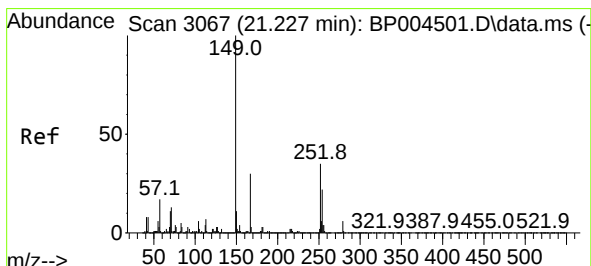
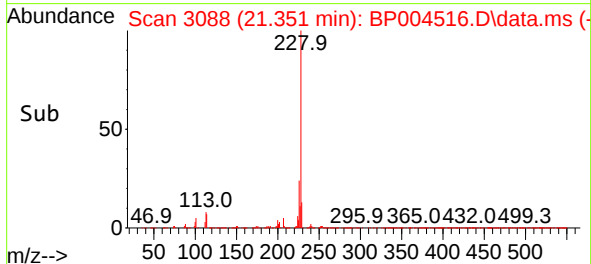
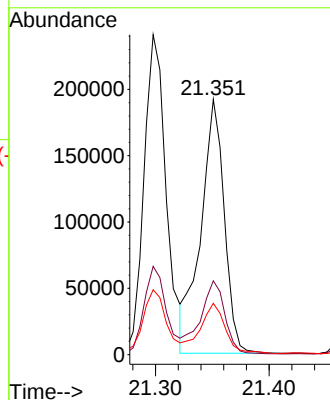
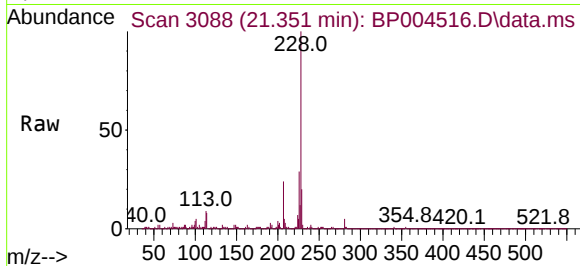




#83
Chrysene
Concen: 3.04 ng
RT: 21.351 min Scan# 3088
Delta R.T. -0.006 min
Lab File: BP004516.D
Acq: 12 Jan 2021 21:37

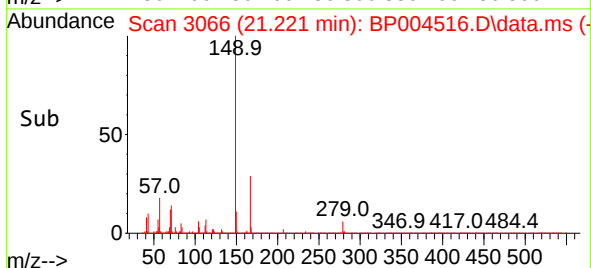
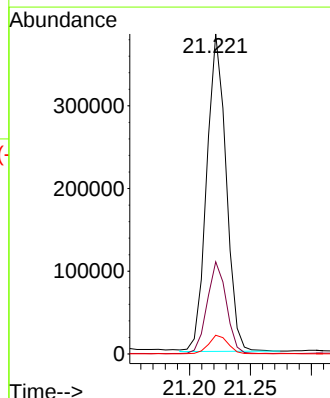
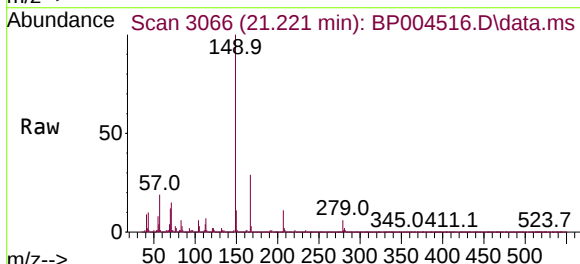
Instrument :
BNA_P
ClientSampleId :
72-11977

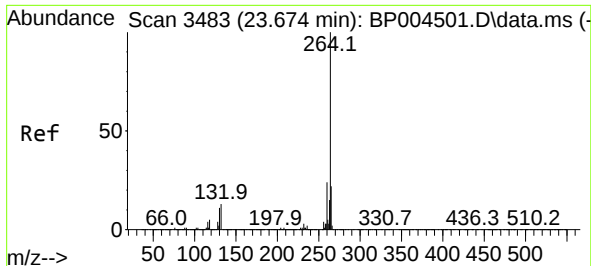
Tgt Ion:	228	Resp:	276147
Ion Ratio	Lower	Upper	
228	100		
226	29.0	24.4	36.6
229	20.1	15.8	23.6



#84
Bis(2-ethylhexyl)phthalate
Concen: 7.70 ng
RT: 21.221 min Scan# 3066
Delta R.T. -0.006 min
Lab File: BP004516.D
Acq: 12 Jan 2021 21:37

Tgt Ion:	149	Resp:	424131
Ion Ratio	Lower	Upper	
149	100		
167	28.8	22.6	34.0
279	5.8	4.2	6.2

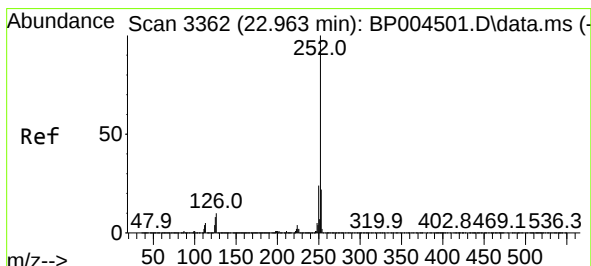
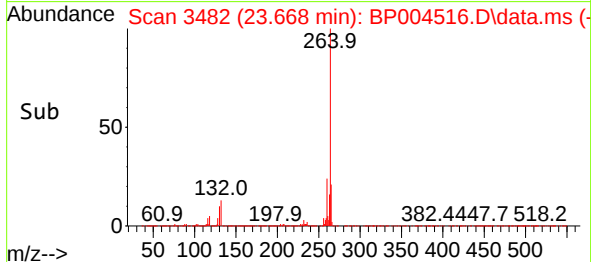
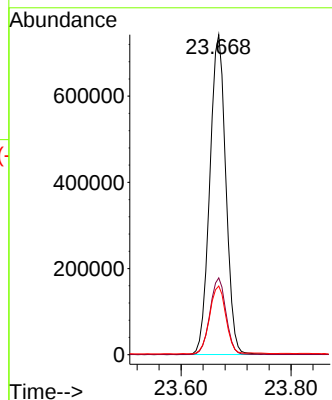
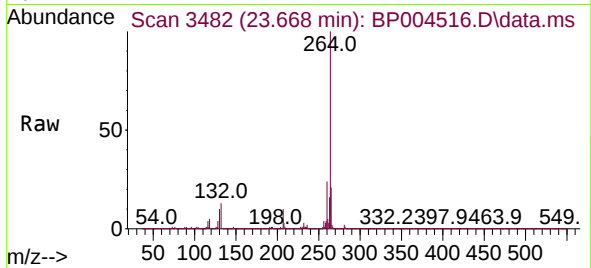




#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 23.668 min Scan# 3482
 Delta R.T. -0.006 min
 Lab File: BP004516.D
 Acq: 12 Jan 2021 21:37

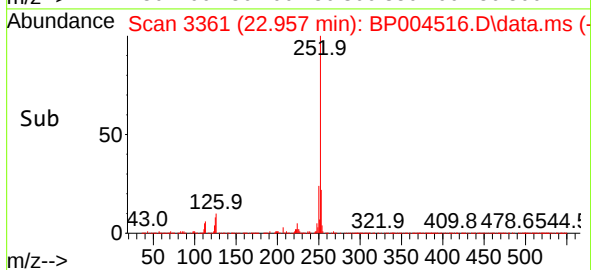
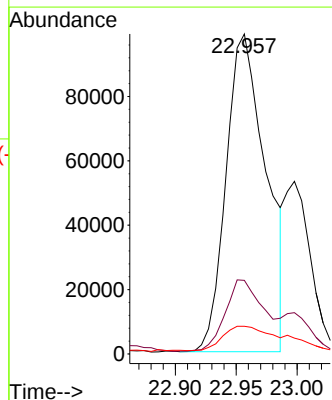
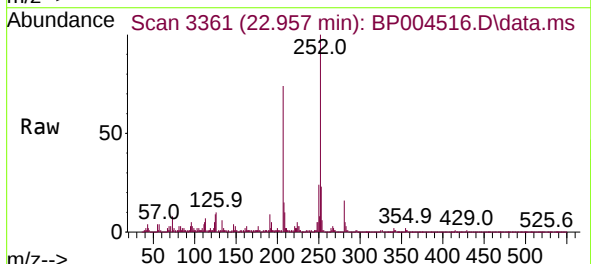
Instrument :
 BNA_P
 ClientSampleId :
 72-11977

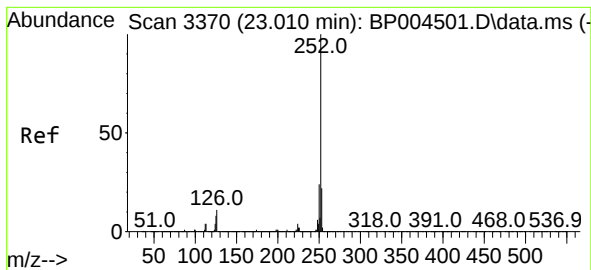
Tgt Ion:264 Resp: 1502509
 Ion Ratio Lower Upper
 264 100
 260 24.0 18.8 28.2
 265 21.5 17.4 26.2



#88
 Benzo(b)fluoranthene
 Concen: 2.32 ng
 RT: 22.957 min Scan# 3361
 Delta R.T. -0.006 min
 Lab File: BP004516.D
 Acq: 12 Jan 2021 21:37

Tgt Ion:252 Resp: 225415
 Ion Ratio Lower Upper
 252 100
 253 23.0 17.6 26.4
 125 8.6 7.3 10.9





#89

Benzo(k)fluoranthene

Concen: 2.43 ng

RT: 22.957 min Scan# 3361

Delta R.T. -0.053 min

Lab File: BP004516.D

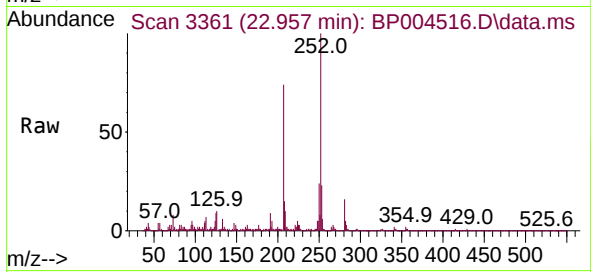
Acq: 12 Jan 2021 21:37

Instrument :

BNA_P

ClientSampleId :

72-11977



Tgt Ion:252 Resp: 225415

Ion Ratio Lower Upper

252 100

253 23.0 17.8 26.8

125 8.6 7.4 11.2

