

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP011421\
 Data File : BP004557.D
 Acq On : 14 Jan 2021 15:13
 Operator : CG/JU
 Sample : M1123-01RE
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 355RE

Quant Time: Jan 14 15:46:17 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)

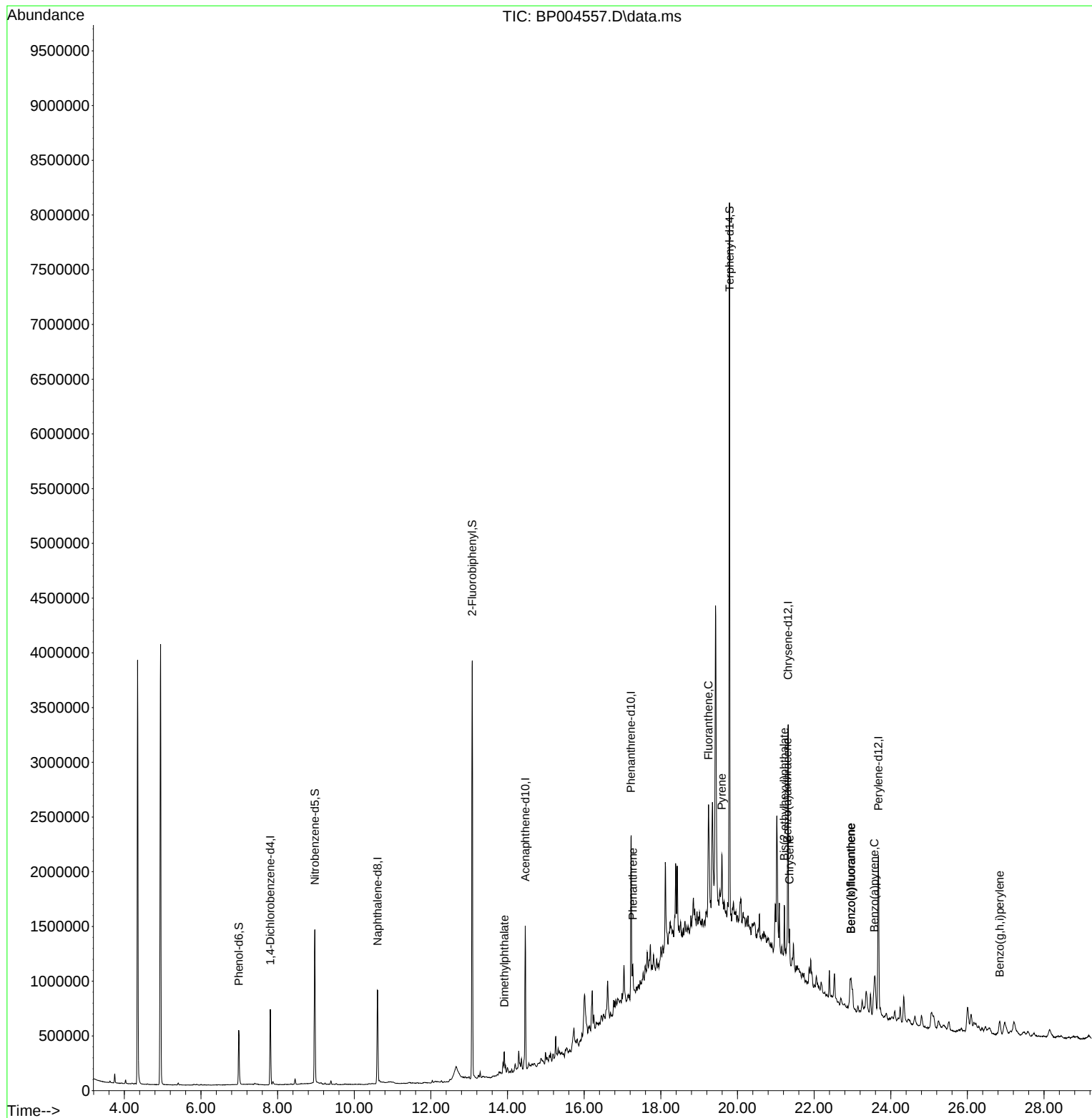
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.811	152	211243	20.00	ng	0.00
21) Naphthalene-d8	10.605	136	773984	20.00	ng	# 0.00
39) Acenaphthene-d10	14.463	164	458316	20.00	ng	0.00
64) Phenanthrene-d10	17.222	188	916193	20.00	ng	0.00
76) Chrysene-d12	21.322	240	1004058	20.00	ng	0.00
86) Perylene-d12	23.674	264	1164735	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.405	112	9449	0.78	ng	0.00
7) Phenol-d6	6.987	99	330726	19.92	ng	0.00
23) Nitrobenzene-d5	8.969	82	849283	62.04	ng	0.00
42) 2,4,6-Tribromophenol	15.969	330	1343	0.17	ng	0.00
45) 2-Fluorobiphenyl	13.081	172	2211584	62.73	ng	0.00
79) Terphenyl-d14	19.792	244	2908125	52.92	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.946	77	660	Below Cal	#	64
32) Benzoic acid	9.975	122	151	Below Cal	#	59
41) Hexachlorocyclopentadiene	12.757	237	80	Below Cal		75
50) Dimethylphthalate	13.916	163	136834	3.60	ng	# 95
54) 2,4-Dinitrophenol	14.598	184	66	Below Cal	#	1
71) Phenanthrene	17.269	178	157805	3.00	ng	# 96
75) Fluoranthene	19.245	202	318048	4.98	ng	99
78) Pyrene	19.592	202	353524	5.17	ng	98
81) Benzo(a)anthracene	21.304	228	181486	2.66	ng	97
83) Chrysene	21.357	228	171787	2.64	ng	97
84) Bis(2-ethylhexyl)phtha...	21.222	149	188464	4.78	ng	99
88) Benzo(b)fluoranthene	22.963	252	332300	4.41	ng	# 94
89) Benzo(k)fluoranthene	22.963	252	332300	4.62	ng	# 94
90) Benzo(a)pyrene	23.574	252	173767	2.47	ng	# 92
92) Benzo(g,h,i)perylene	26.845	276	172483	2.36	ng	96

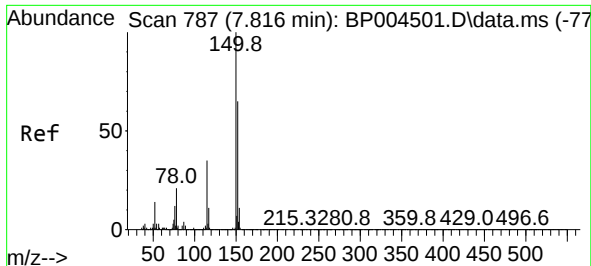
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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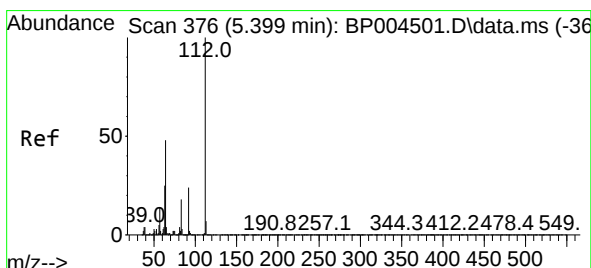
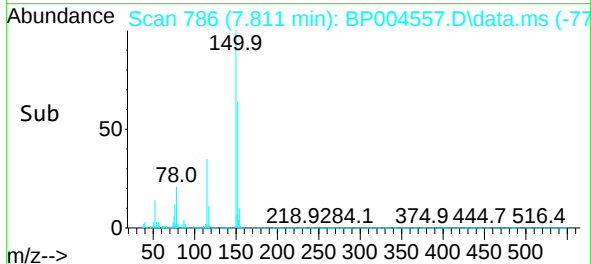
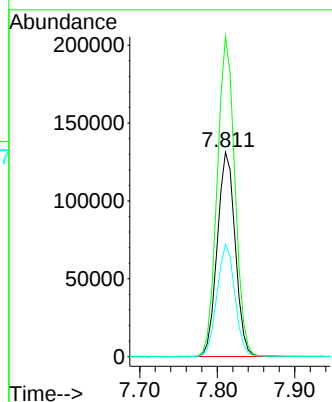
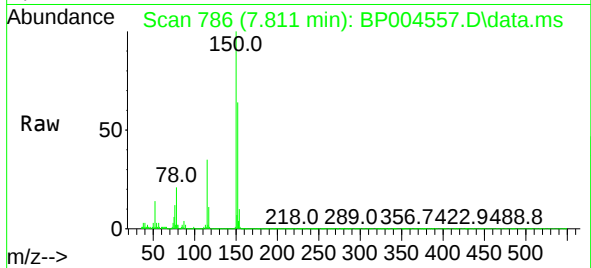




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.811 min Scan# 786
Delta R.T. -0.005 min
Lab File: BP004557.D
Acq: 14 Jan 2021 15:13

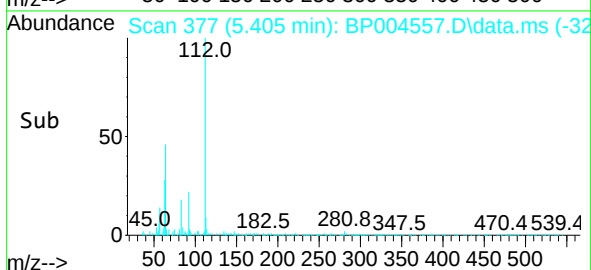
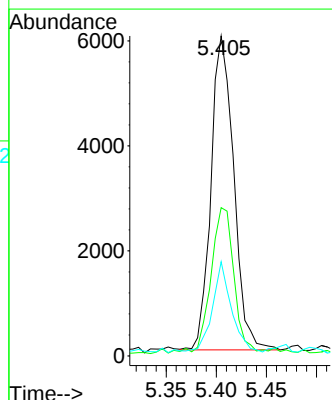
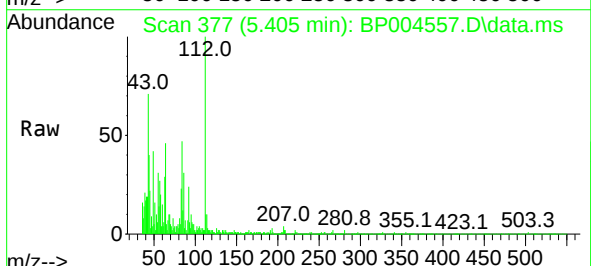
Instrument :
BNA_P
ClientSampleId :
355RE

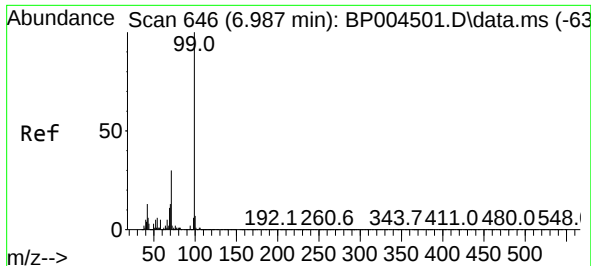
Tgt Ion:152 Resp: 211243
Ion Ratio Lower Upper
152 100
150 156.4 123.8 185.6
115 54.9 43.8 65.6



#5
2-Fluorophenol
Concen: 0.78 ng
RT: 5.405 min Scan# 377
Delta R.T. 0.006 min
Lab File: BP004557.D
Acq: 14 Jan 2021 15:13

Tgt Ion:112 Resp: 9449
Ion Ratio Lower Upper
112 100
64 46.4 32.8 49.2
63 29.5 17.0 25.4#

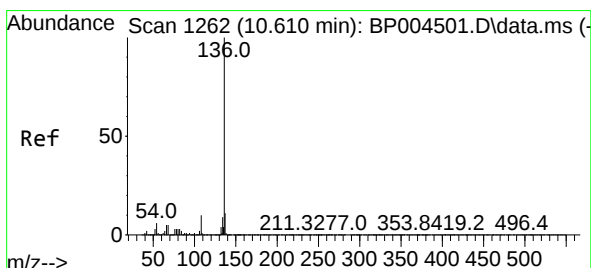
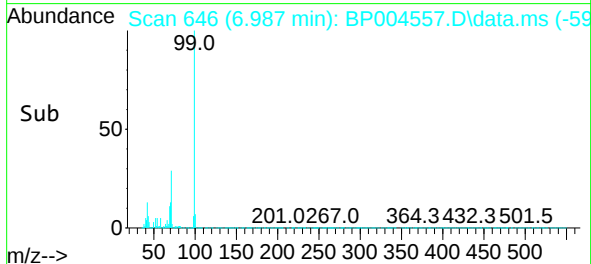
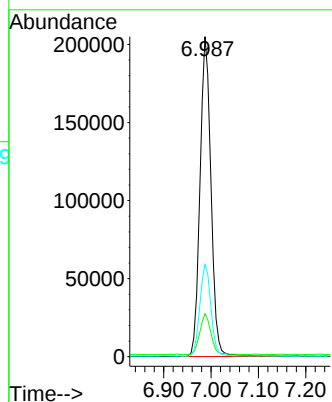
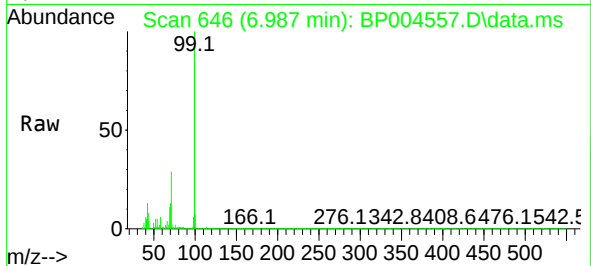




#7
Phenol-d6
Concen: 19.92 ng
RT: 6.987 min Scan# 646
Delta R.T. 0.000 min
Lab File: BP004557.D
Acq: 14 Jan 2021 15:13

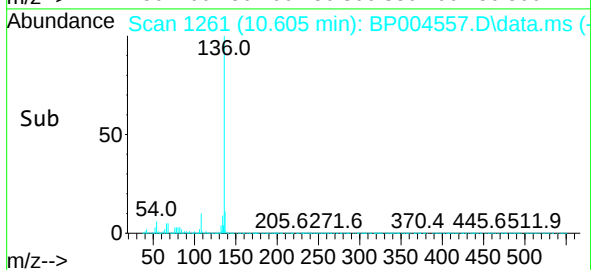
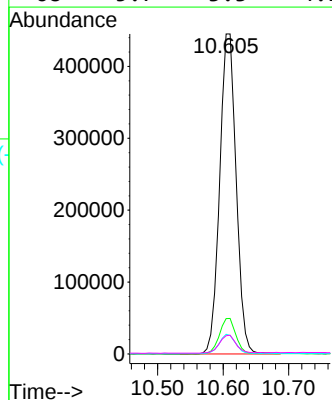
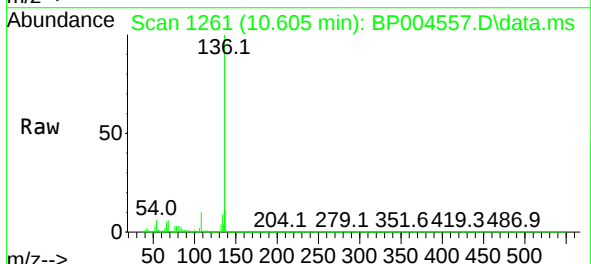
Instrument :
BNA_P
ClientSampleId :
355RE

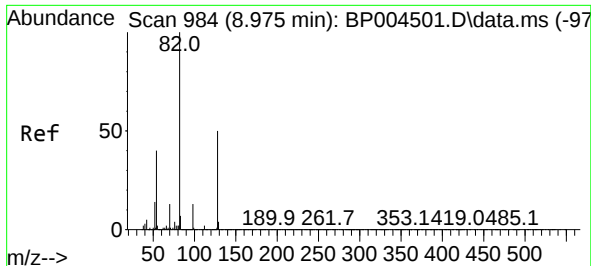
Tgt Ion: 99 Resp: 330726
Ion Ratio Lower Upper
99 100
42 13.4 8.6 13.0#
71 28.8 23.4 35.2



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.605 min Scan# 1261
Delta R.T. -0.005 min
Lab File: BP004557.D
Acq: 14 Jan 2021 15:13

Tgt Ion: 136 Resp: 773984
Ion Ratio Lower Upper
136 100
137 11.1 8.6 13.0
54 6.2 3.6 5.4#
68 5.7 3.3 4.9#

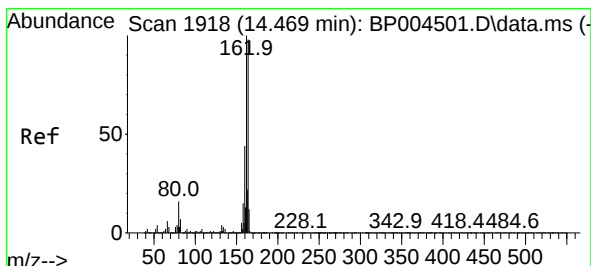
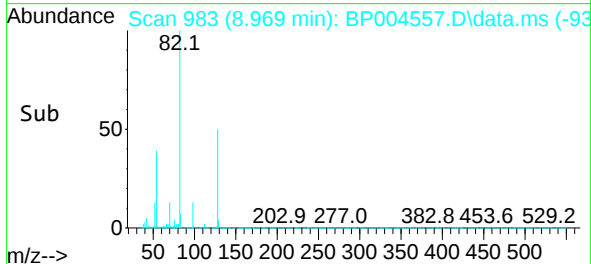
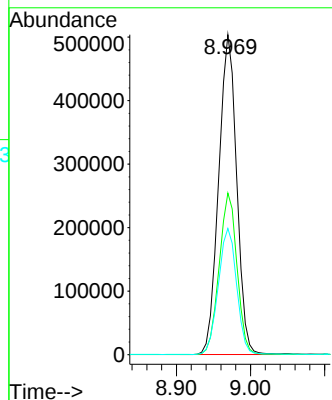
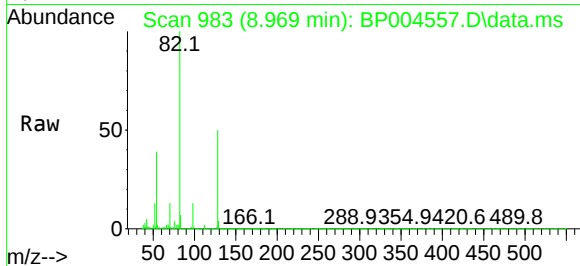




#23
Nitrobenzene-d5
Concen: 62.04 ng
RT: 8.969 min Scan# 983
Delta R.T. -0.006 min
Lab File: BP004557.D
Acq: 14 Jan 2021 15:13

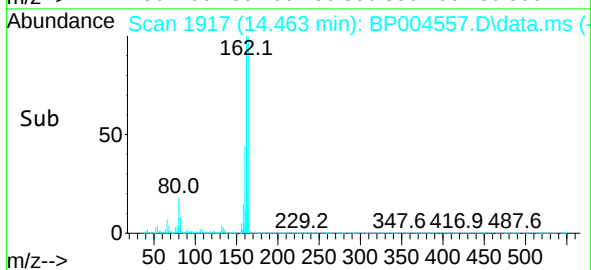
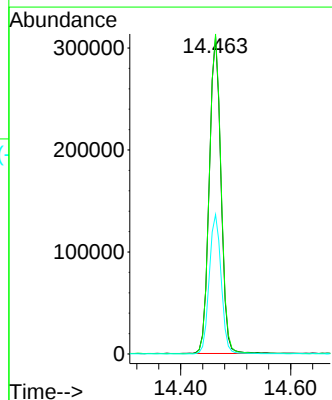
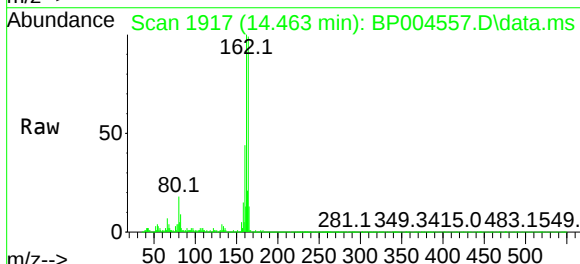
Instrument :
BNA_P
ClientSampleId :
355RE

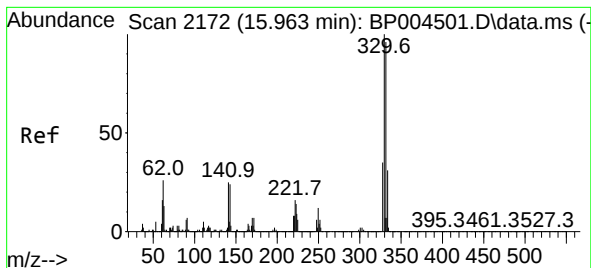
Tgt Ion: 82 Resp: 849283
Ion Ratio Lower Upper
82 100
128 50.5 45.6 68.4
54 39.5 30.1 45.1



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.463 min Scan# 1917
Delta R.T. -0.006 min
Lab File: BP004557.D
Acq: 14 Jan 2021 15:13

Tgt Ion: 164 Resp: 458316
Ion Ratio Lower Upper
164 100
162 100.9 79.4 119.2
160 44.0 36.1 54.1

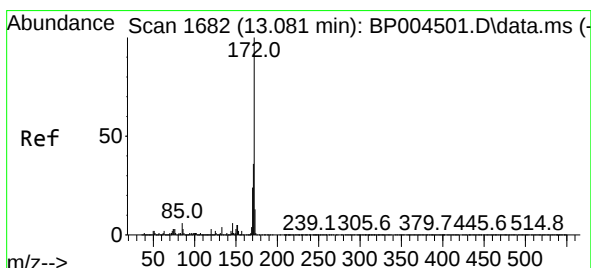
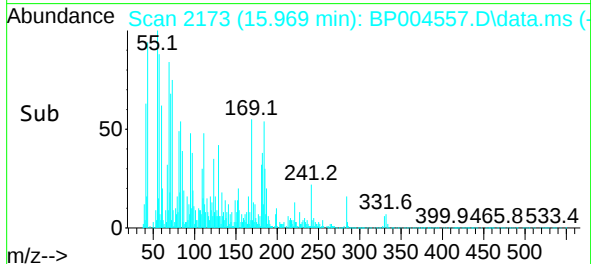
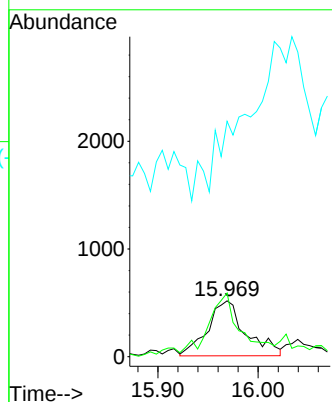
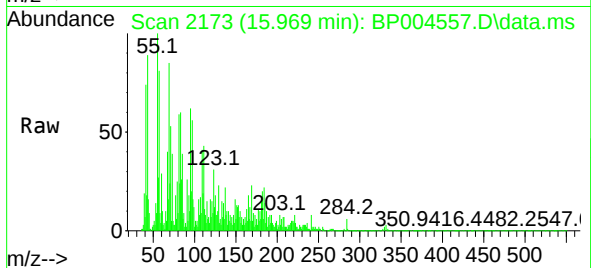




#42
2,4,6-Tribromophenol
Concen: 0.17 ng
RT: 15.969 min Scan# 2173
Delta R.T. 0.006 min
Lab File: BP004557.D
Acq: 14 Jan 2021 15:13

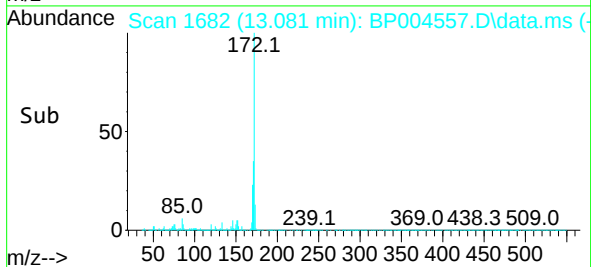
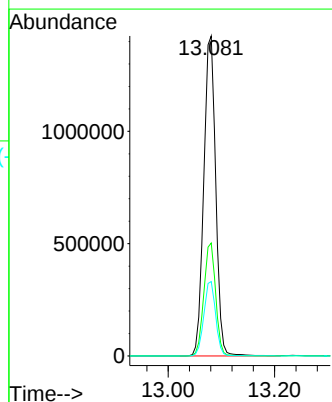
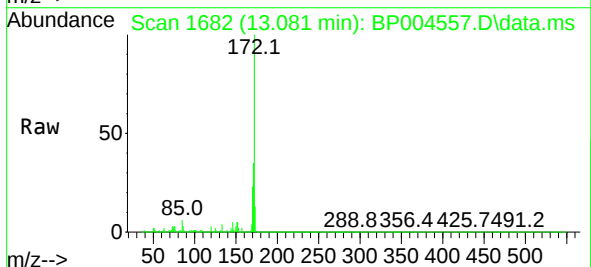
Instrument :
BNA_P
ClientSampleId :
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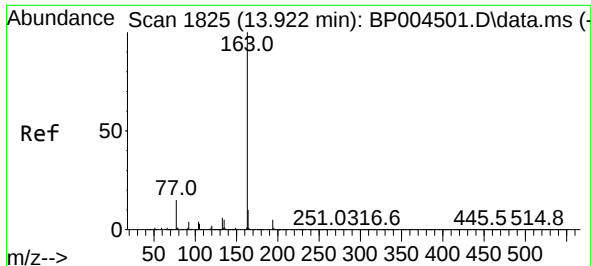
Tgt Ion: 330 Resp: 1343
Ion Ratio Lower Upper
330 100
332 85.9 77.1 115.7
141 0.0 23.4 35.2#



#45
2-Fluorobiphenyl
Concen: 62.73 ng
RT: 13.081 min Scan# 1682
Delta R.T. 0.000 min
Lab File: BP004557.D
Acq: 14 Jan 2021 15:13

Tgt Ion: 172 Resp: 2211584
Ion Ratio Lower Upper
172 100
171 35.3 28.5 42.7
170 23.3 19.2 28.8

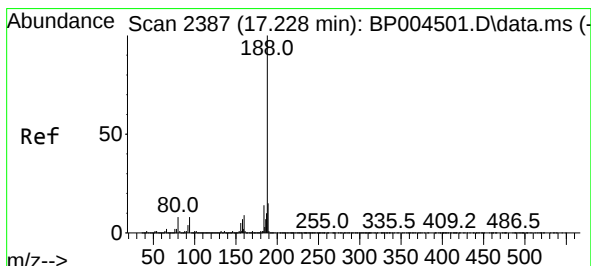
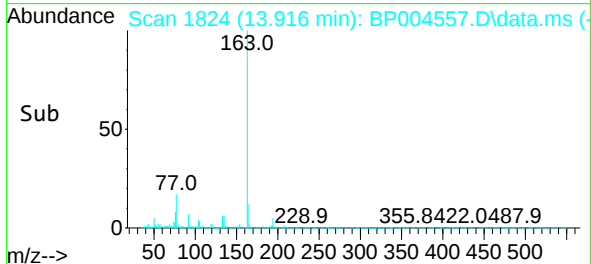
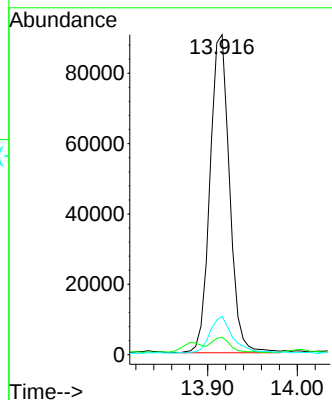
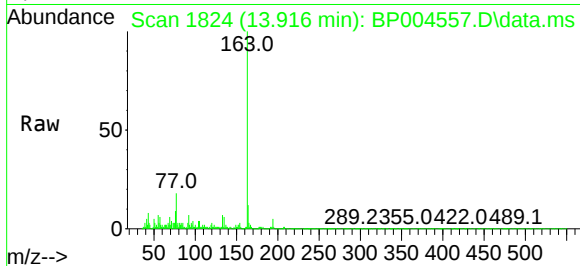




#50
Dimethylphthalate
Concen: 3.60 ng
RT: 13.916 min Scan# 1824
Delta R.T. -0.006 min
Lab File: BP004557.D
Acq: 14 Jan 2021 15:13

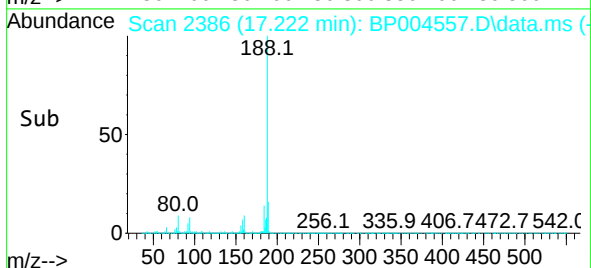
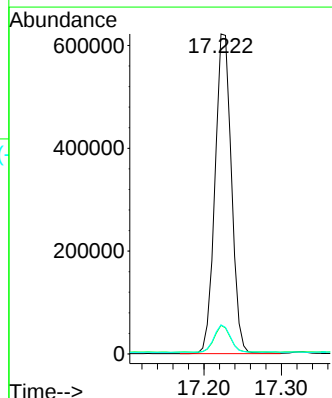
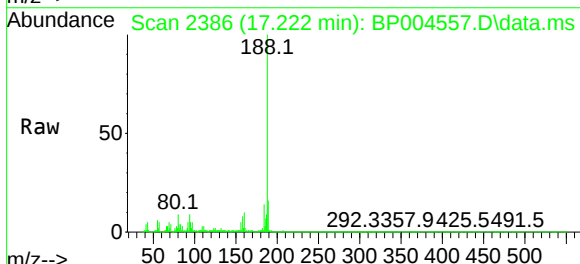
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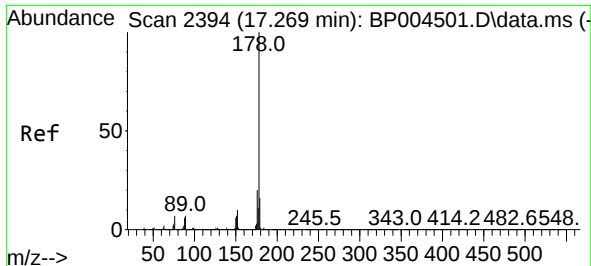
Tgt Ion:163 Resp: 136834
Ion Ratio Lower Upper
163 100
194 5.4 3.3 4.9#
164 12.0 8.2 12.2



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.222 min Scan# 2386
Delta R.T. -0.006 min
Lab File: BP004557.D
Acq: 14 Jan 2021 15:13

Tgt Ion:188 Resp: 916193
Ion Ratio Lower Upper
188 100
94 9.0 6.2 9.2
80 9.1 6.2 9.2

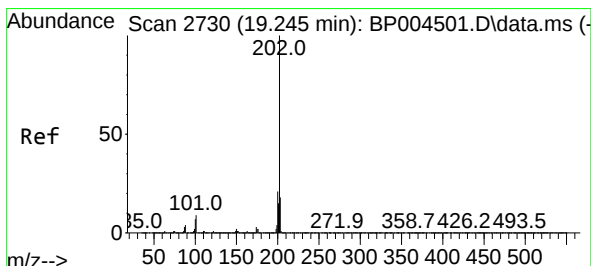
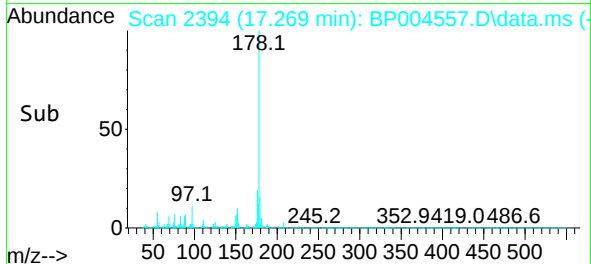
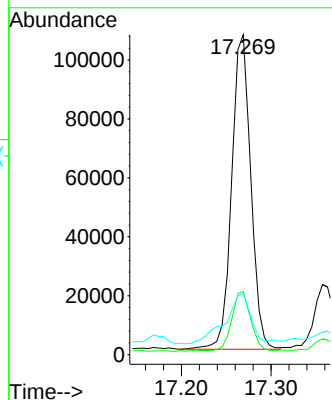
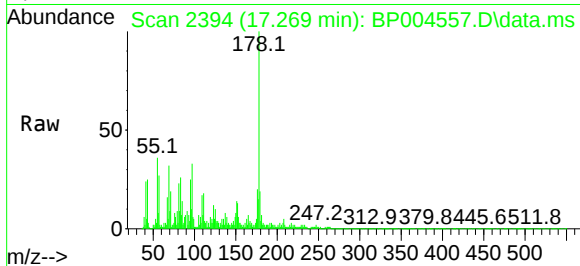




#71
Phenanthrene
Concen: 3.00 ng
RT: 17.269 min Scan# 2394
Delta R.T. 0.000 min
Lab File: BP004557.D
Acq: 14 Jan 2021 15:13

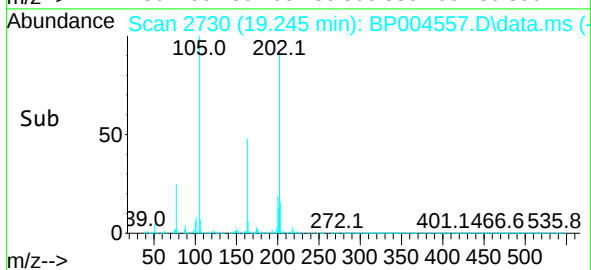
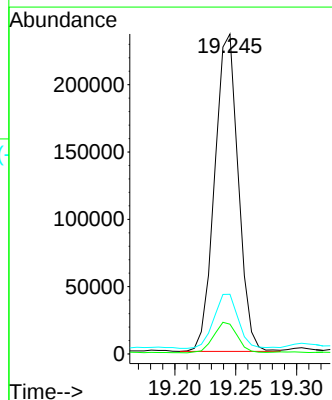
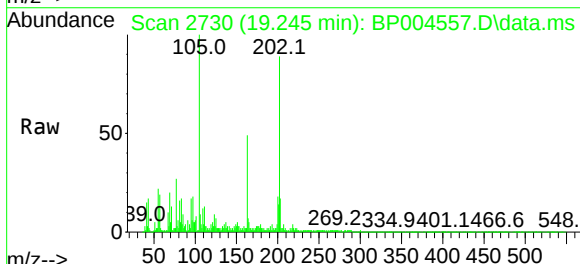
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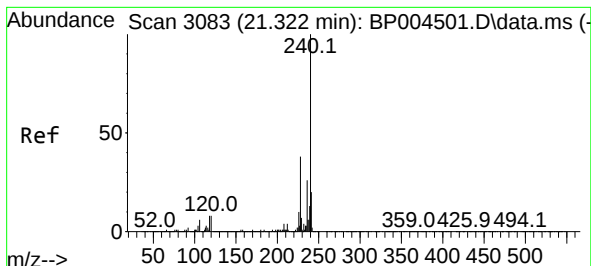
Tgt Ion:178 Resp: 157805
Ion Ratio Lower Upper
178 100
176 19.8 15.3 22.9
179 19.0 12.5 18.7#



#75
Fluoranthene
Concen: 4.98 ng
RT: 19.245 min Scan# 2730
Delta R.T. 0.000 min
Lab File: BP004557.D
Acq: 14 Jan 2021 15:13

Tgt Ion:202 Resp: 318048
Ion Ratio Lower Upper
202 100
101 9.3 0.0 29.4
203 18.6 0.0 37.8





#76

Chrysene-d12

Concen: 20.00 ng

RT: 21.322 min Scan# 3083

Delta R.T. 0.000 min

Lab File: BP004557.D

Acq: 14 Jan 2021 15:13

Instrument :

BNA_P

ClientSampleId :

355RE

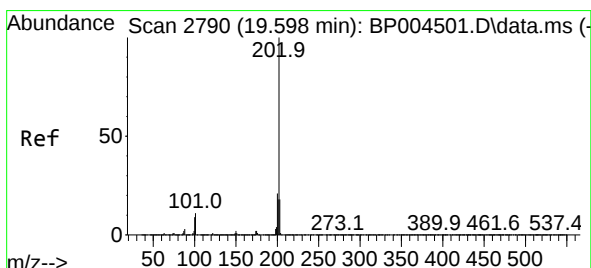
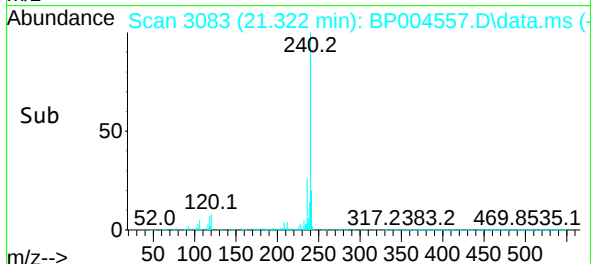
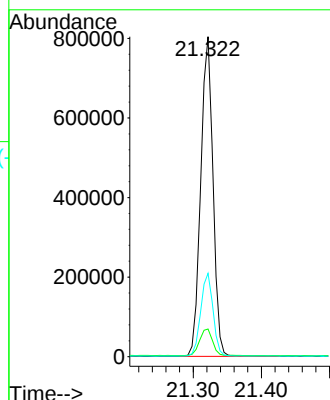
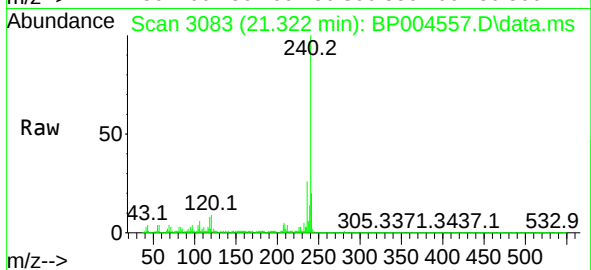
Tgt Ion:240 Resp: 1004058

Ion Ratio Lower Upper

240 100

120 8.7 7.8 11.6

236 26.1 20.8 31.2



#78

Pyrene

Concen: 5.17 ng

RT: 19.592 min Scan# 2789

Delta R.T. -0.006 min

Lab File: BP004557.D

Acq: 14 Jan 2021 15:13

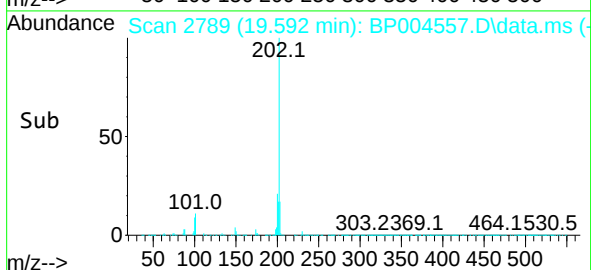
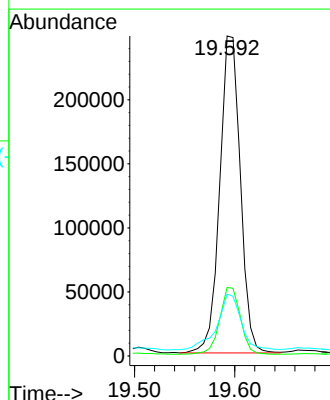
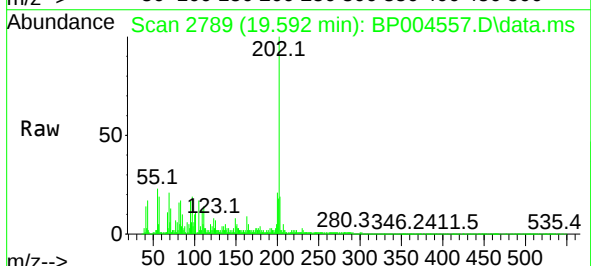
Tgt Ion:202 Resp: 353524

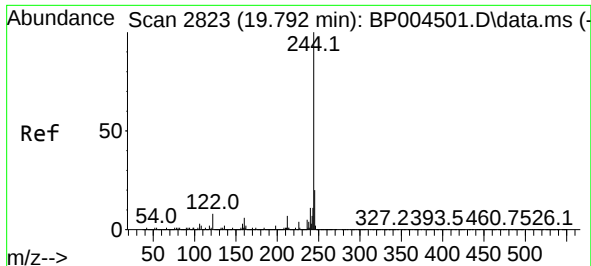
Ion Ratio Lower Upper

202 100

200 21.4 17.1 25.7

203 19.4 14.2 21.2

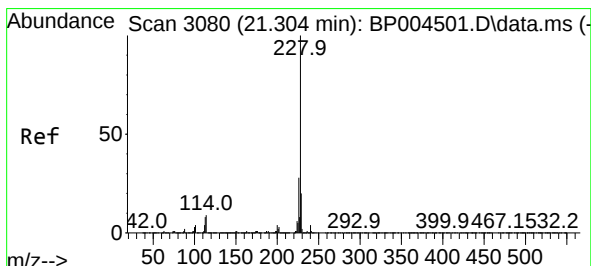
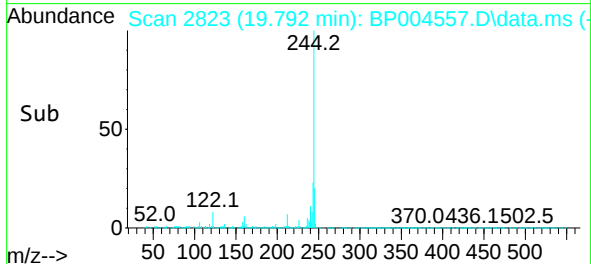
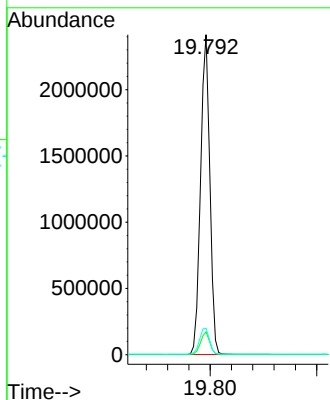
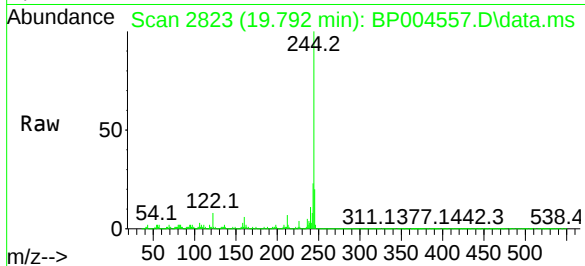




#79
 Terphenyl-d14
 Concen: 52.92 ng
 RT: 19.792 min Scan# 2823
 Delta R.T. 0.000 min
 Lab File: BP004557.D
 Acq: 14 Jan 2021 15:13

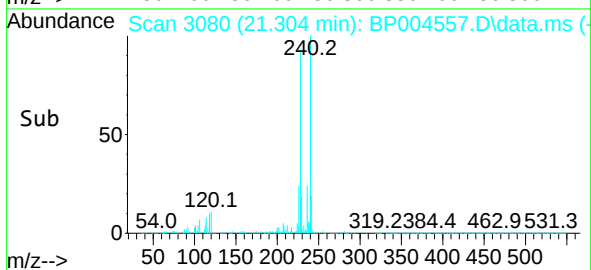
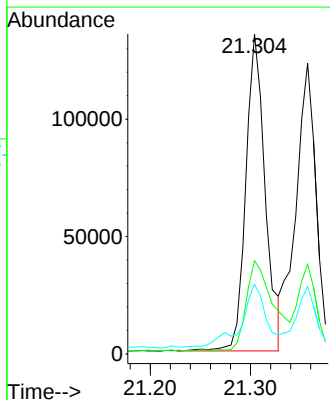
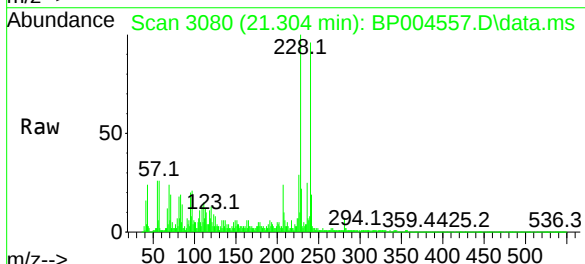
Instrument :
 BNA_P
 ClientSampleId :
 355RE

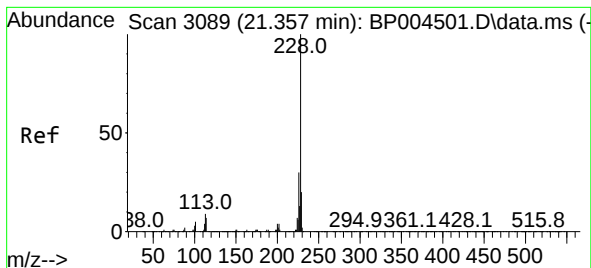
Tgt Ion:244 Resp: 2908125
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.8 8.6
 122 8.3 7.8 11.8



#81
 Benzo(a)anthracene
 Concen: 2.66 ng
 RT: 21.304 min Scan# 3080
 Delta R.T. 0.000 min
 Lab File: BP004557.D
 Acq: 14 Jan 2021 15:13

Tgt Ion:228 Resp: 181486
 Ion Ratio Lower Upper
 228 100
 226 29.2 22.1 33.1
 229 21.8 15.9 23.9





#83

Chrysene

Concen: 2.64 ng

RT: 21.357 min Scan# 3089

Delta R.T. 0.000 min

Lab File: BP004557.D

Acq: 14 Jan 2021 15:13

Tgt Ion:228 Resp: 171787

Ion Ratio Lower Upper

228 100

226 30.9 24.4 36.6

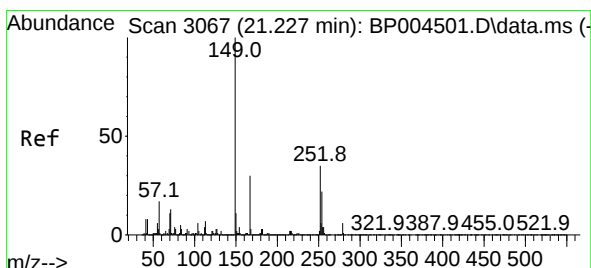
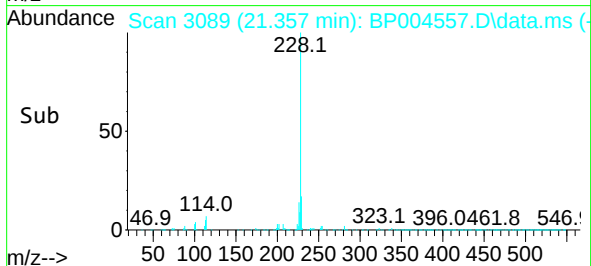
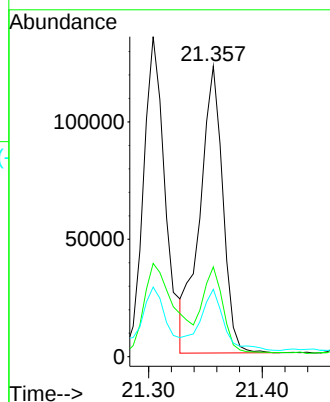
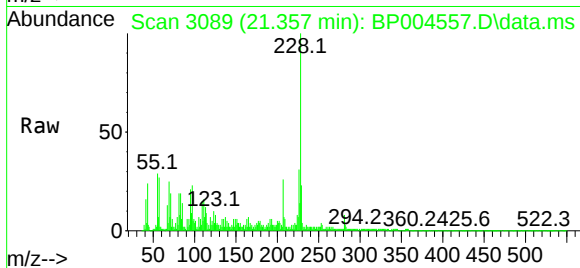
229 23.2 15.8 23.6

Instrument :

BNA_P

ClientSampleId :

355RE



#84

Bis(2-ethylhexyl)phthalate

Concen: 4.78 ng

RT: 21.222 min Scan# 3066

Delta R.T. -0.006 min

Lab File: BP004557.D

Acq: 14 Jan 2021 15:13

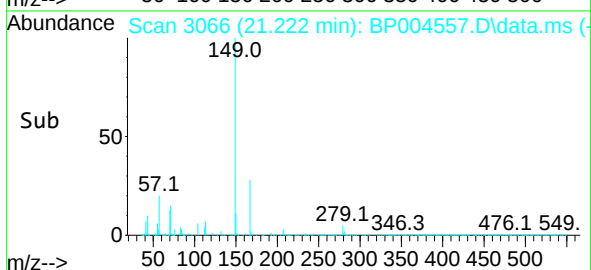
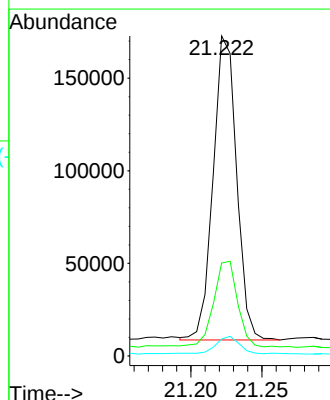
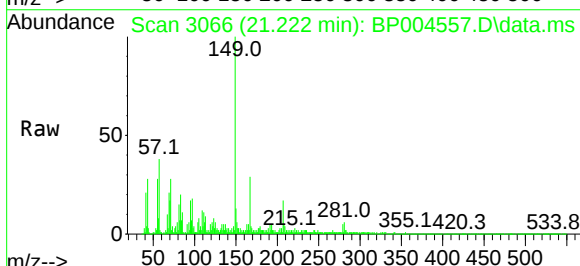
Tgt Ion:149 Resp: 188464

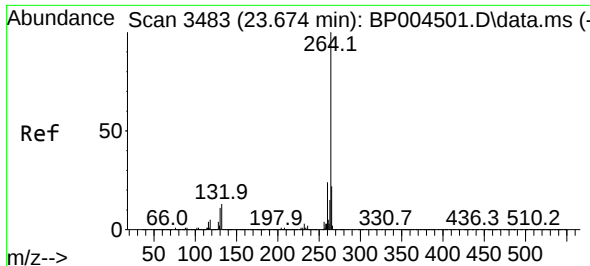
Ion Ratio Lower Upper

149 100

167 29.0 22.6 34.0

279 5.3 4.2 6.2



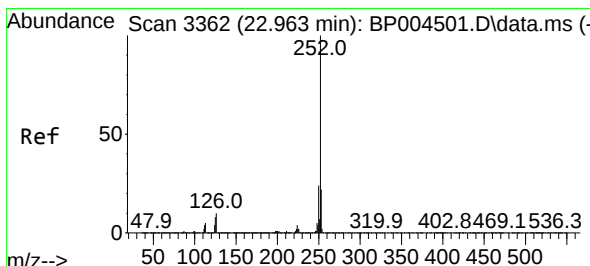
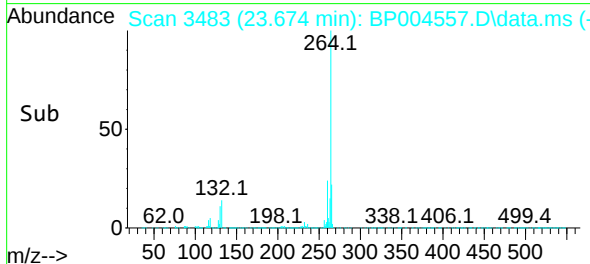
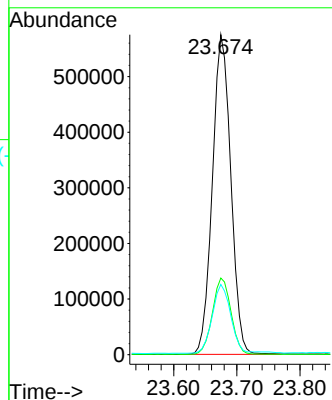
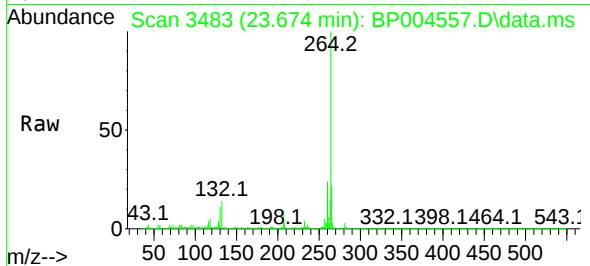


#86
Perylene-d12
Concen: 20.00 ng
RT: 23.674 min Scan# 3483
Delta R.T. 0.000 min
Lab File: BP004557.D
Acq: 14 Jan 2021 15:13

Instrument :
BNA_P
ClientSampleId :
355RE

Tgt Ion:264 Resp: 1164735

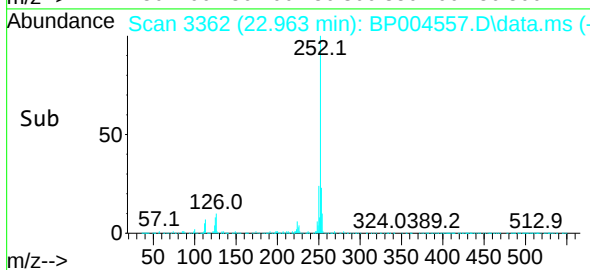
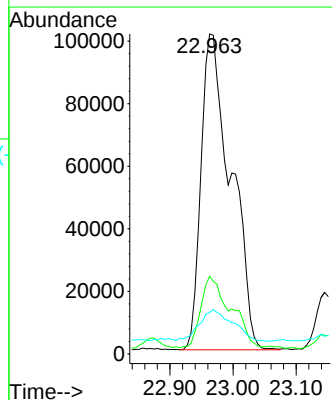
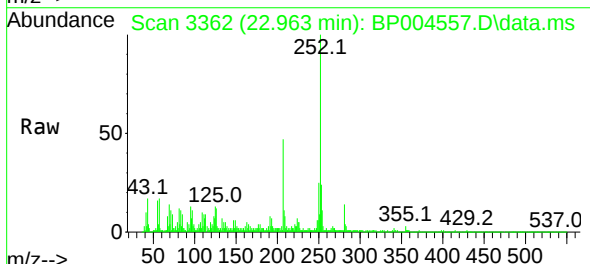
Ion	Ratio	Lower	Upper
264	100		
260	23.9	18.8	28.2
265	21.9	17.4	26.2

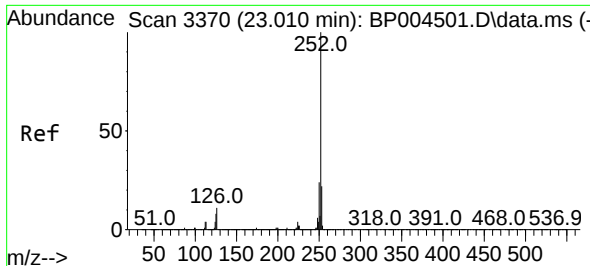


#88
Benzo(b)fluoranthene
Concen: 4.41 ng
RT: 22.963 min Scan# 3362
Delta R.T. 0.000 min
Lab File: BP004557.D
Acq: 14 Jan 2021 15:13

Tgt Ion:252 Resp: 332300

Ion	Ratio	Lower	Upper
252	100		
253	24.2	17.6	26.4
125	13.0	7.3	10.9

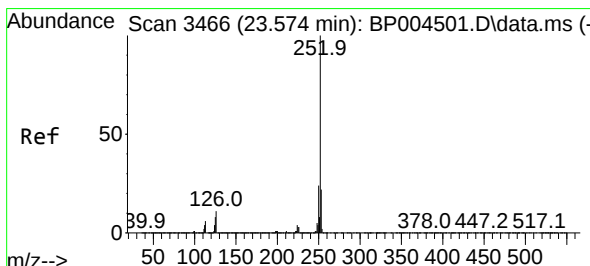
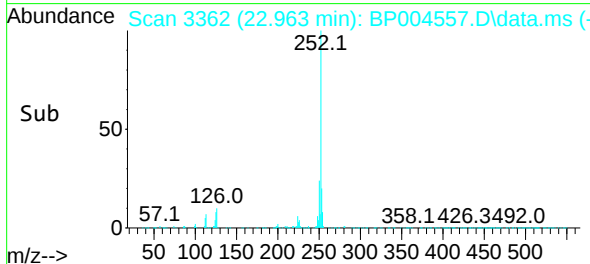
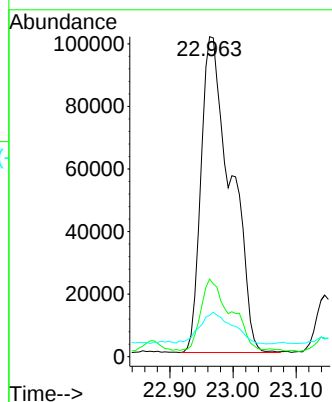
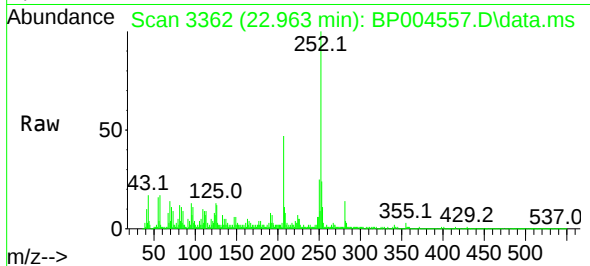




#89
Benzo(k)fluoranthene
Concen: 4.62 ng
RT: 22.963 min Scan# 3362
Delta R.T. -0.047 min
Lab File: BP004557.D
Acq: 14 Jan 2021 15:13

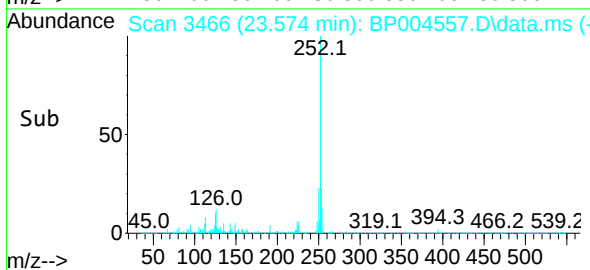
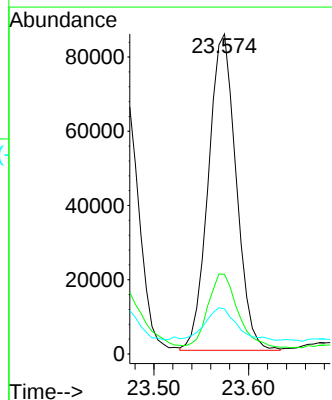
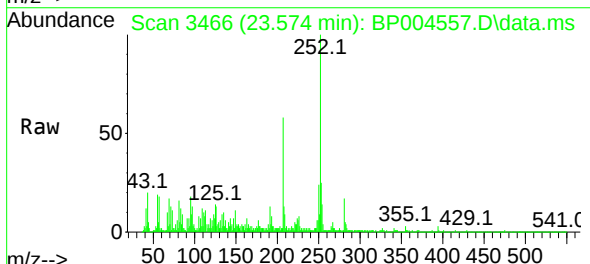
Instrument :
BNA_P
ClientSampleId :
355RE

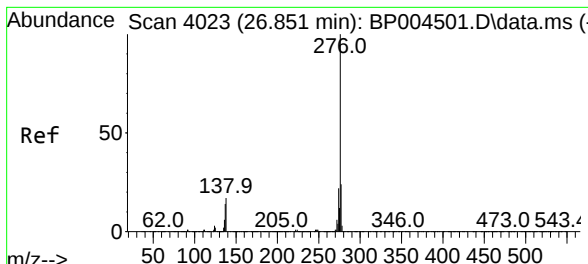
Tgt Ion:252 Resp: 332300
Ion Ratio Lower Upper
252 100
253 24.2 17.8 26.8
125 13.0 7.4 11.2#



#90
Benzo(a)pyrene
Concen: 2.47 ng
RT: 23.574 min Scan# 3466
Delta R.T. 0.000 min
Lab File: BP004557.D
Acq: 14 Jan 2021 15:13

Tgt Ion:252 Resp: 173767
Ion Ratio Lower Upper
252 100
253 24.9 17.4 26.0
125 14.1 8.2 12.4#





#92
 Benzo(g,h,i)perylene
 Concen: 2.36 ng
 RT: 26.845 min Scan# 4022
 Delta R.T. -0.006 min
 Lab File: BP004557.D
 Acq: 14 Jan 2021 15:13

Instrument :
 BNA_P
 ClientSampleId :
 355RE

Tgt Ion: 276 Resp: 172483

Ion	Ratio	Lower	Upper
276	100		
277	23.8	19.0	28.6
138	16.6	16.6	24.8

