

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP011321\
 Data File : BP004546.D
 Acq On : 13 Jan 2021 20:03
 Operator : CG/JU
 Sample : M1123-03 2X
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 VW-SP

Quant Time: Jan 13 21:52:18 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)

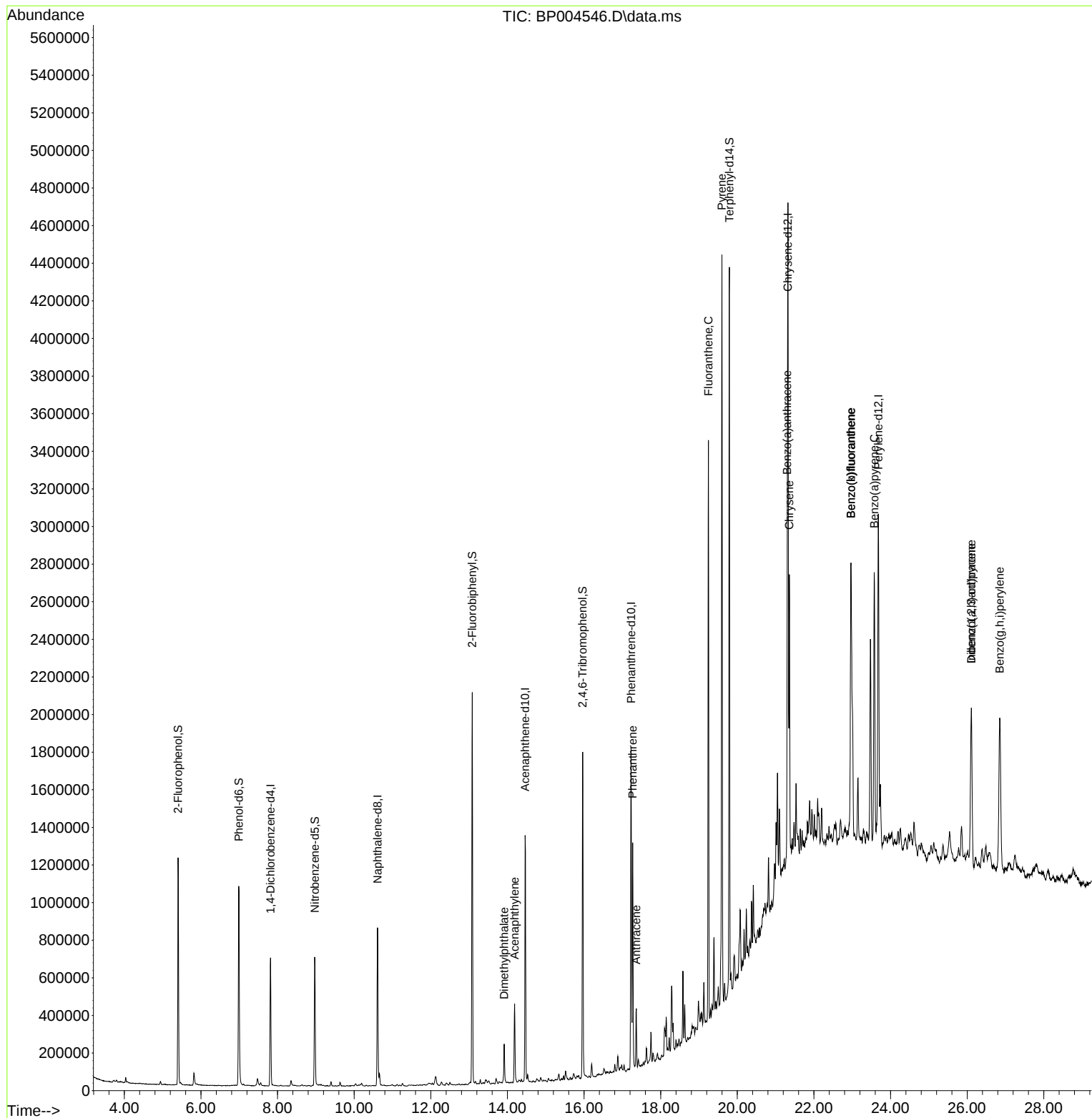
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.816	152	212531	20.00	ng	0.00
21) Naphthalene-d8	10.610	136	760957	20.00	ng	# 0.00
39) Acenaphthene-d10	14.463	164	478554	20.00	ng	0.00
64) Phenanthrene-d10	17.227	188	1092557	20.00	ng	0.00
76) Chrysene-d12	21.321	240	1256795	20.00	ng	0.00
86) Perylene-d12	23.680	264	1414650	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.405	112	606378	49.73	ng	0.00
7) Phenol-d6	6.987	99	724063	43.35	ng	0.00
23) Nitrobenzene-d5	8.969	82	420744	31.26	ng	0.00
42) 2,4,6-Tribromophenol	15.963	330	433618	52.12	ng	0.00
45) 2-Fluorobiphenyl	13.081	172	1135931	30.86	ng	0.00
79) Terphenyl-d14	19.792	244	1821044	26.47	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.963	77	3850	Below Cal	#	89
32) Benzoic acid	9.904	122	830	Below Cal	#	73
41) Hexachlorocyclopentadiene	12.645	237	22	Below Cal		80
49) Acenaphthylene	14.186	152	344755	7.29	ng	100
50) Dimethylphthalate	13.916	163	82879	2.09	ng	99
54) 2,4-Dinitrophenol	14.563	184	189	Below Cal	#	1
71) Phenanthrene	17.269	178	755913	12.07	ng	99
72) Anthracene	17.363	178	216828	3.57	ng	99
75) Fluoranthene	19.245	202	1867248	24.50	ng	99
78) Pyrene	19.598	202	2495380	29.18	ng	99
81) Benzo(a)anthracene	21.304	228	900589	10.53	ng	96
83) Chrysene	21.357	228	919479	11.30	ng	98
87) Indeno(1,2,3-cd)pyrene	26.109	276	953517	8.73	ng	# 91
88) Benzo(b)fluoranthene	22.968	252	1819029	19.87	ng	99
89) Benzo(k)fluoranthene	22.968	252	1819029	20.83	ng	99
90) Benzo(a)pyrene	23.574	252	988468	11.57	ng	97
91) Dibenzo(a,h)anthracene	26.109	278	186547	2.07	ng	# 80
92) Benzo(g,h,i)perylene	26.851	276	1168118	13.17	ng	# 95

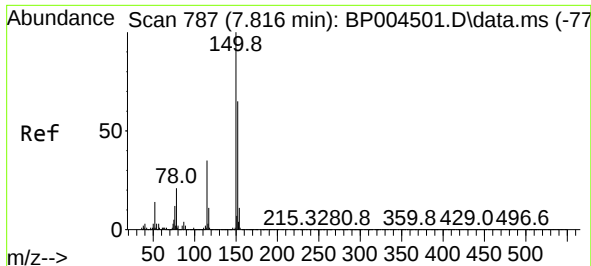
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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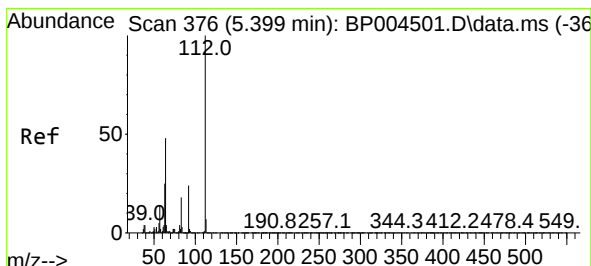
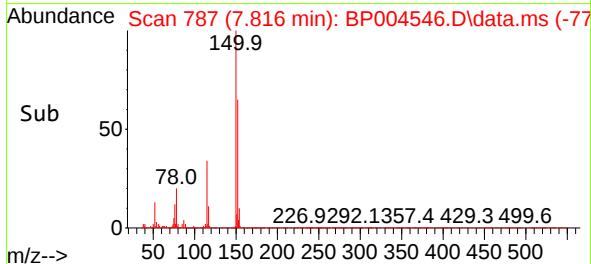
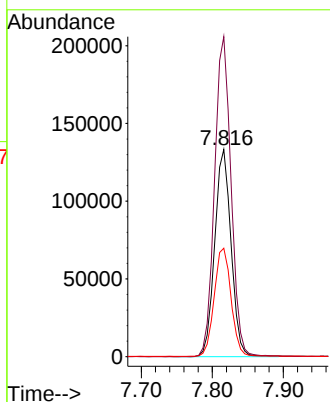
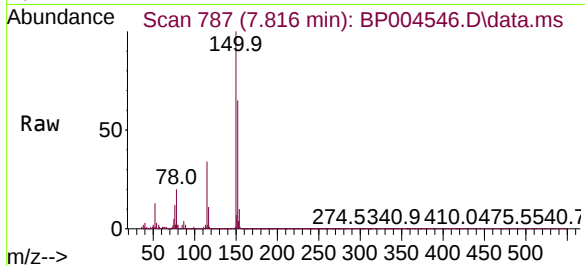




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.816 min Scan# 787
Delta R.T. 0.000 min
Lab File: BP004546.D
Acq: 13 Jan 2021 20:03

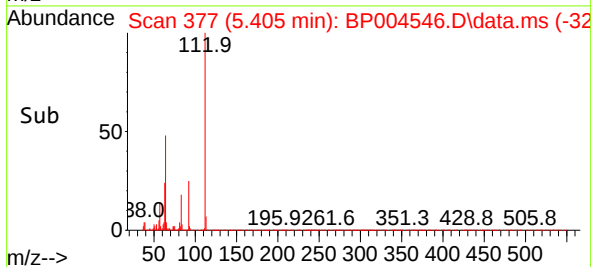
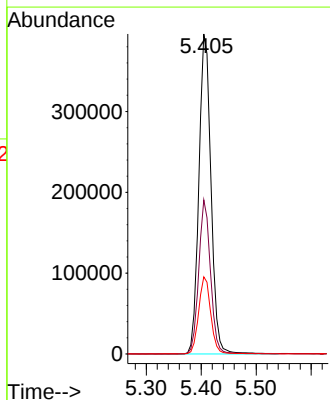
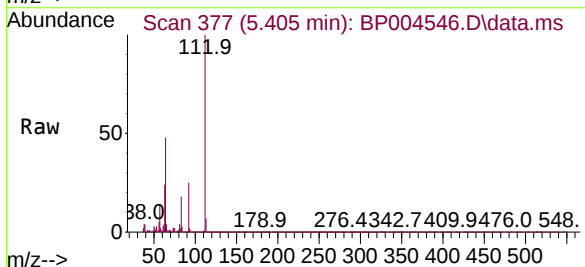
Instrument :
BNA_P
ClientSampleId :
VW-SP

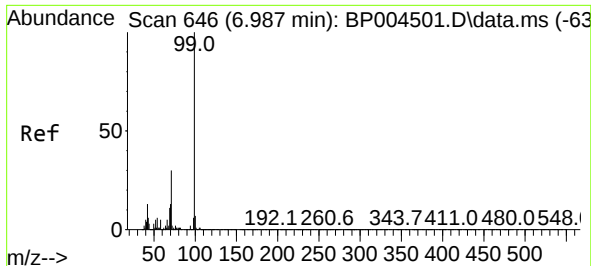
Tgt Ion:152 Resp: 212531
Ion Ratio Lower Upper
152 100
150 154.5 123.8 185.6
115 52.4 43.8 65.6



#5
2-Fluorophenol
Concen: 49.73 ng
RT: 5.405 min Scan# 377
Delta R.T. 0.006 min
Lab File: BP004546.D
Acq: 13 Jan 2021 20:03

Tgt Ion:112 Resp: 606378
Ion Ratio Lower Upper
112 100
64 48.2 32.8 49.2
63 24.1 17.0 25.4

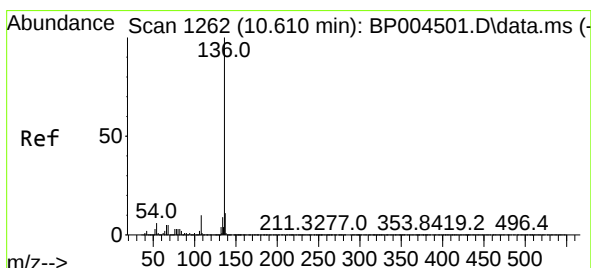
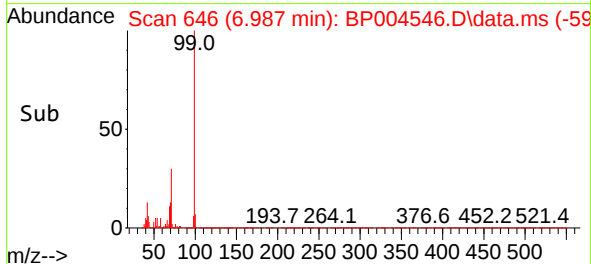
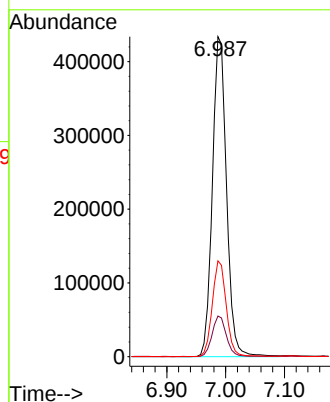
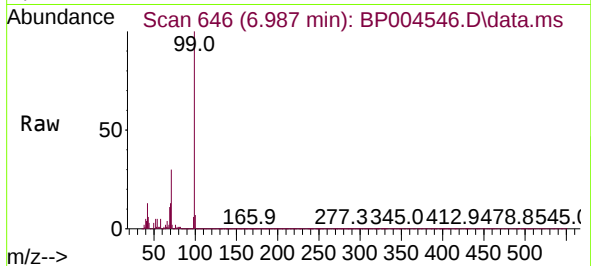




#7
Phenol-d6
Concen: 43.35 ng
RT: 6.987 min Scan# 646
Delta R.T. -0.000 min
Lab File: BP004546.D
Acq: 13 Jan 2021 20:03

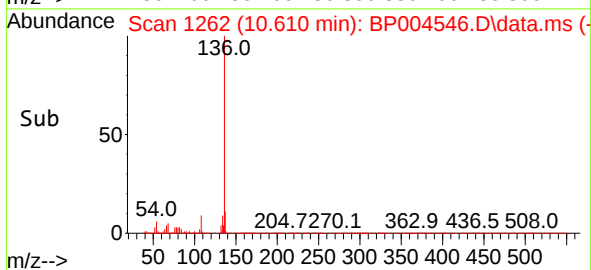
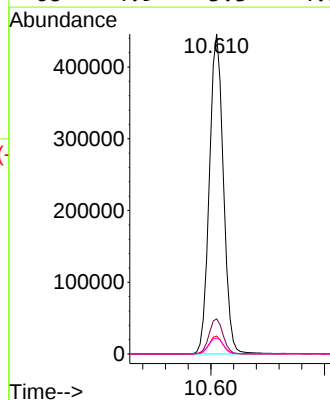
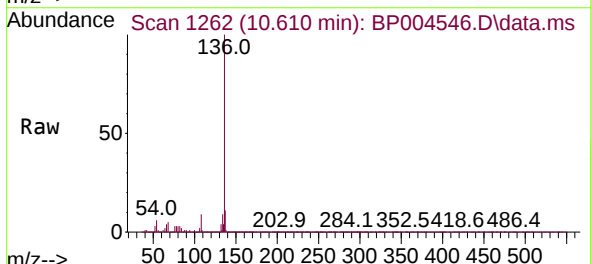
Instrument :
BNA_P
ClientSampled :
VW-SP

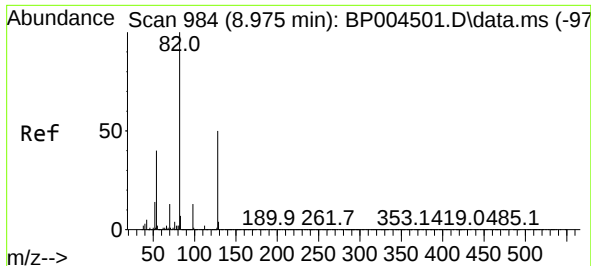
Tgt Ion:	99	Resp:	724063
Ion	Ratio	Lower	Upper
99	100		
42	12.7	8.6	13.0
71	30.0	23.4	35.2



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.610 min Scan# 1262
Delta R.T. 0.000 min
Lab File: BP004546.D
Acq: 13 Jan 2021 20:03

Tgt Ion:	136	Resp:	760957
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.6	13.0
54	5.6	3.6	5.4#
68	4.9	3.3	4.9

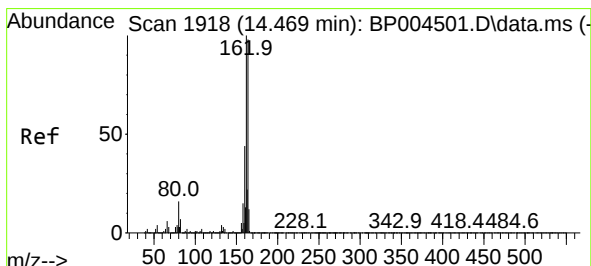
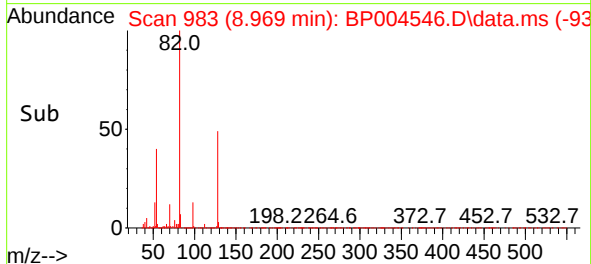
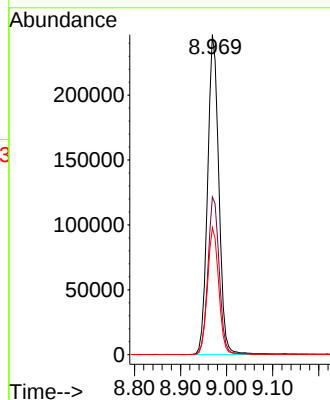
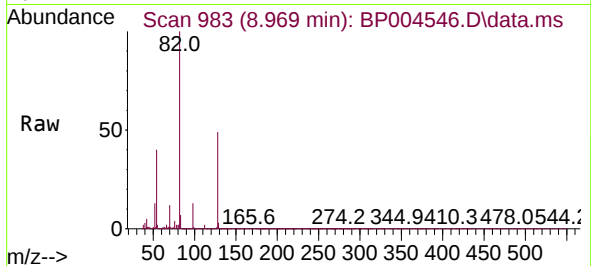




#23
Nitrobenzene-d5
Concen: 31.26 ng
RT: 8.969 min Scan# 983
Delta R.T. -0.006 min
Lab File: BP004546.D
Acq: 13 Jan 2021 20:03

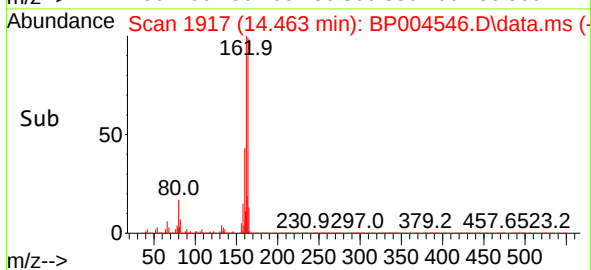
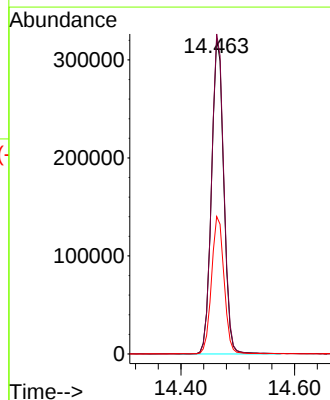
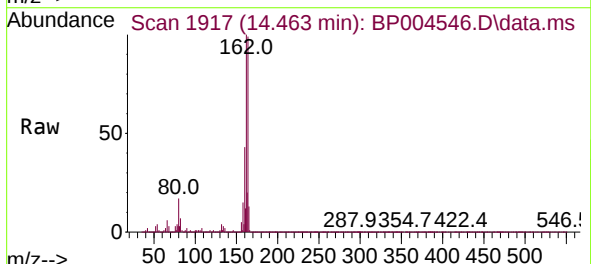
Instrument :
BNA_P
ClientSampleId :
VW-SP

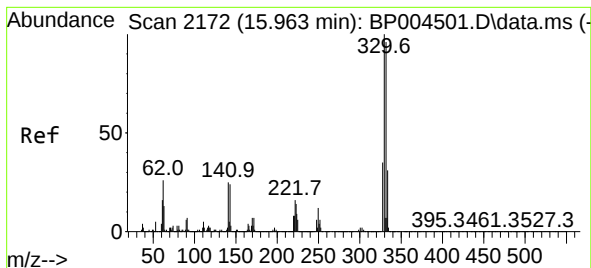
Tgt Ion: 82 Resp: 420744
Ion Ratio Lower Upper
82 100
128 49.3 45.6 68.4
54 39.7 30.1 45.1



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.463 min Scan# 1917
Delta R.T. -0.006 min
Lab File: BP004546.D
Acq: 13 Jan 2021 20:03

Tgt Ion: 164 Resp: 478554
Ion Ratio Lower Upper
164 100
162 101.3 79.4 119.2
160 43.5 36.1 54.1

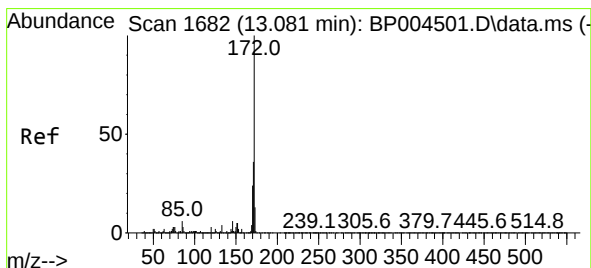
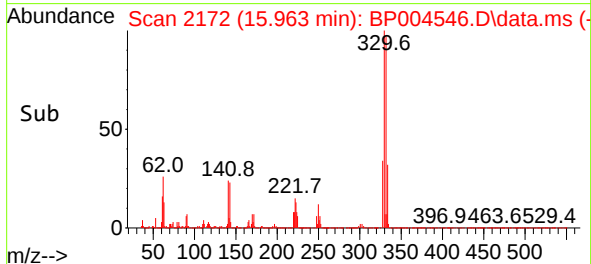
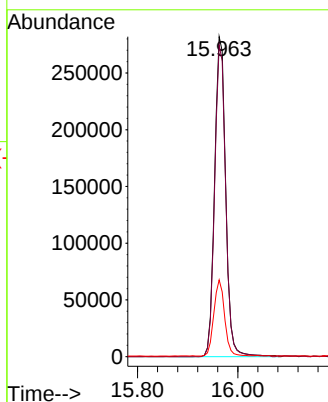
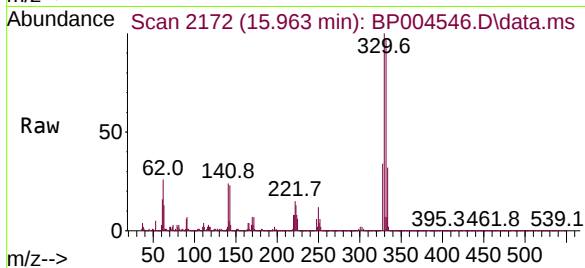




#42
2,4,6-Tribromophenol
Concen: 52.12 ng
RT: 15.963 min Scan# 2172
Delta R.T. -0.000 min
Lab File: BP004546.D
Acq: 13 Jan 2021 20:03

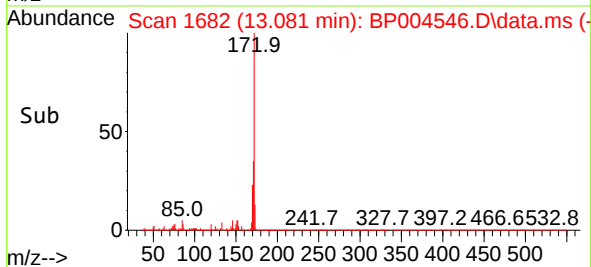
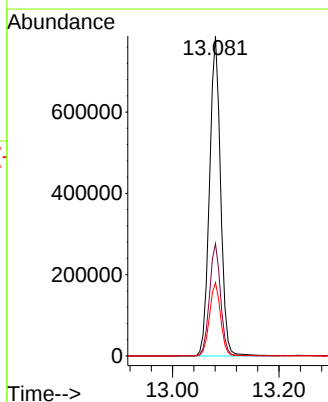
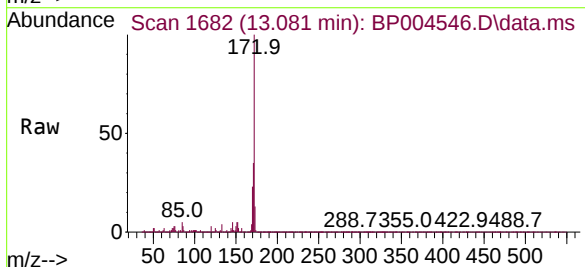
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BNA_P
ClientSampleId :
VW-SP

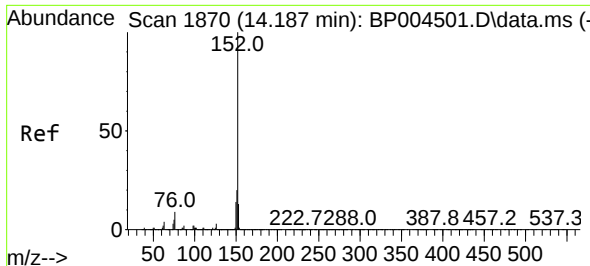
Tgt Ion:330 Resp: 433618
Ion Ratio Lower Upper
330 100
332 96.9 77.1 115.7
141 23.0 23.4 35.2#



#45
2-Fluorobiphenyl
Concen: 30.86 ng
RT: 13.081 min Scan# 1682
Delta R.T. -0.000 min
Lab File: BP004546.D
Acq: 13 Jan 2021 20:03

Tgt Ion:172 Resp: 1135931
Ion Ratio Lower Upper
172 100
171 35.1 28.5 42.7
170 22.9 19.2 28.8

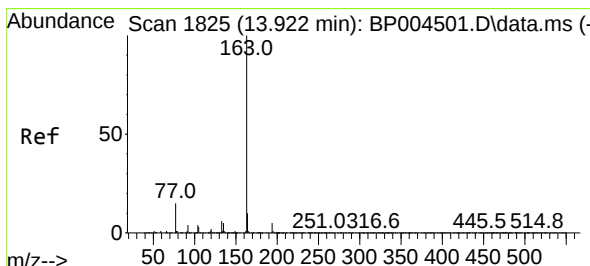
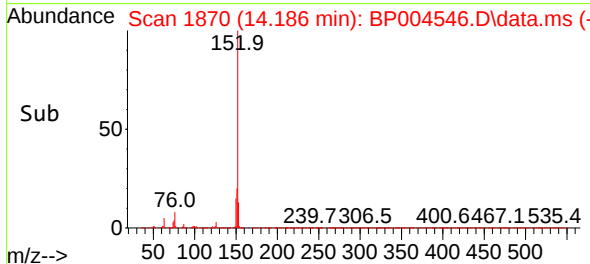
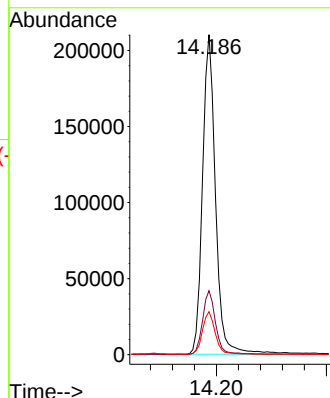
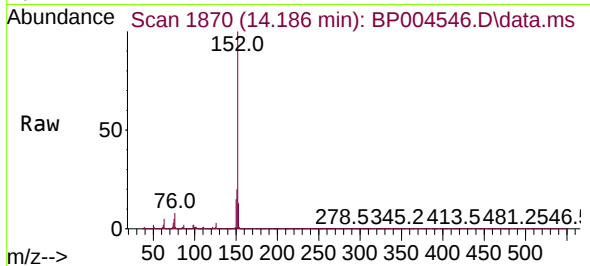




#49
Acenaphthylene
Concen: 7.29 ng
RT: 14.186 min Scan# 1870
Delta R.T. -0.000 min
Lab File: BP004546.D
Acq: 13 Jan 2021 20:03

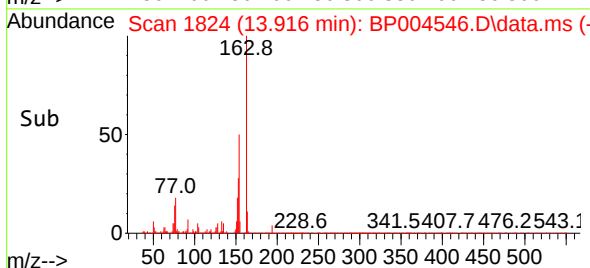
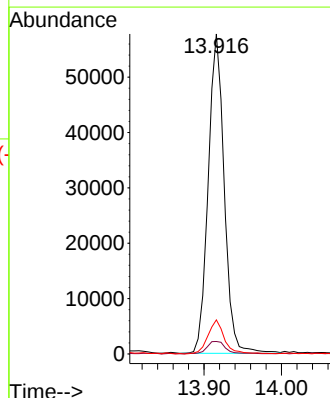
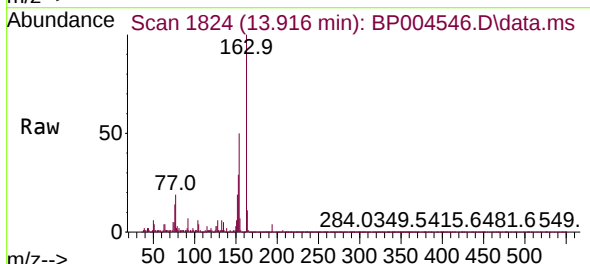
Instrument :
BNA_P
ClientSampled :
VW-SP

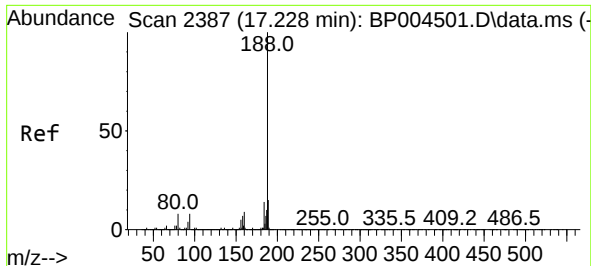
Tgt Ion:152 Resp: 344755
Ion Ratio Lower Upper
152 100
151 20.0 15.9 23.9
153 13.4 10.5 15.7



#50
Dimethylphthalate
Concen: 2.09 ng
RT: 13.916 min Scan# 1824
Delta R.T. -0.006 min
Lab File: BP004546.D
Acq: 13 Jan 2021 20:03

Tgt Ion:163 Resp: 82879
Ion Ratio Lower Upper
163 100
194 3.9 3.3 4.9
164 10.7 8.2 12.2

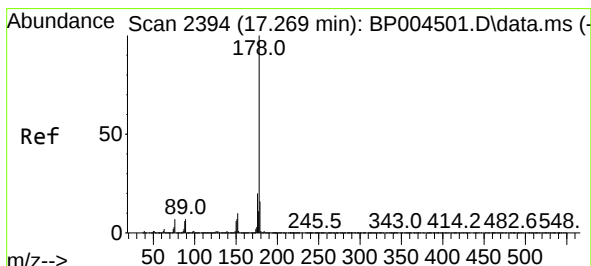
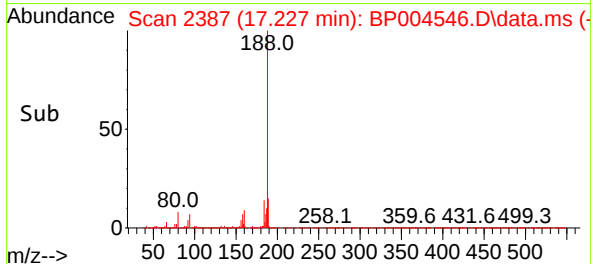
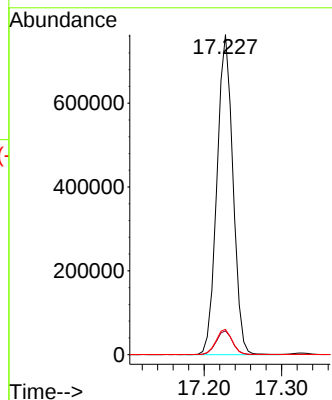
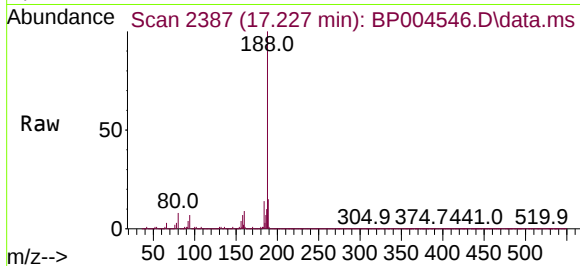




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.227 min Scan# 2387
Delta R.T. -0.001 min
Lab File: BP004546.D
Acq: 13 Jan 2021 20:03

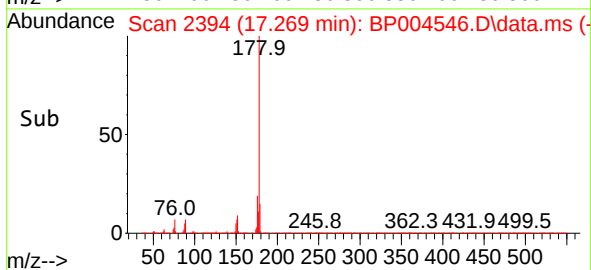
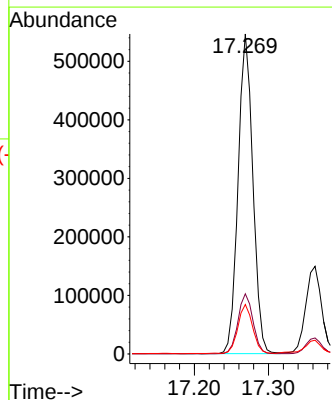
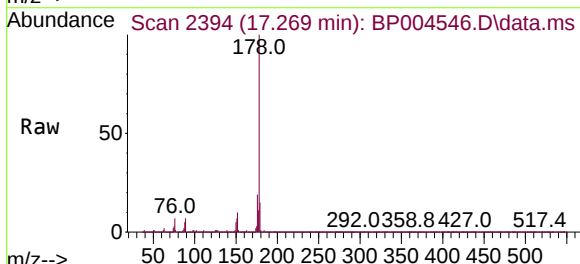
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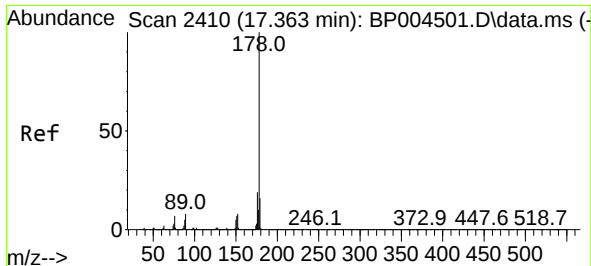
Tgt Ion:188 Resp: 1092557
Ion Ratio Lower Upper
188 100
94 7.4 6.2 9.2
80 7.9 6.2 9.2



#71
Phenanthrene
Concen: 12.07 ng
RT: 17.269 min Scan# 2394
Delta R.T. -0.000 min
Lab File: BP004546.D
Acq: 13 Jan 2021 20:03

Tgt Ion:178 Resp: 755913
Ion Ratio Lower Upper
178 100
176 18.8 15.3 22.9
179 15.4 12.5 18.7

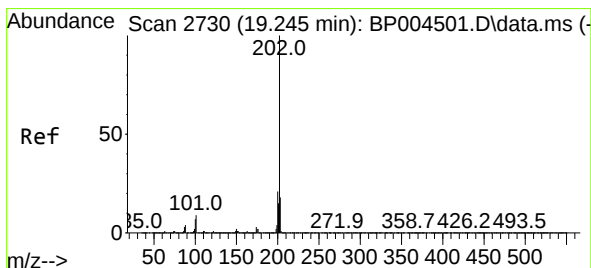
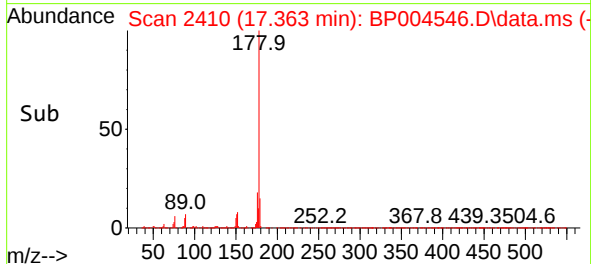
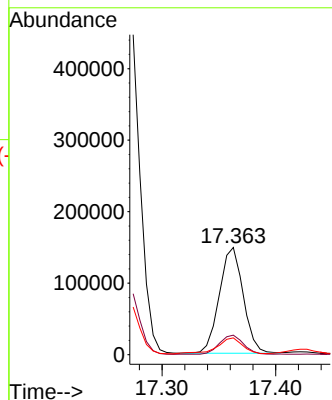
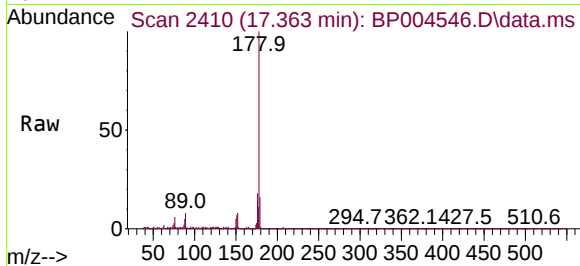




#72
 Anthracene
 Concen: 3.57 ng
 RT: 17.363 min Scan# 2410
 Delta R.T. -0.000 min
 Lab File: BP004546.D
 Acq: 13 Jan 2021 20:03

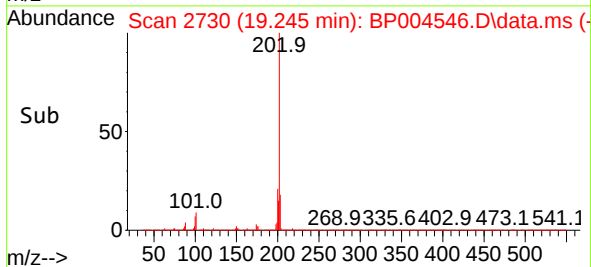
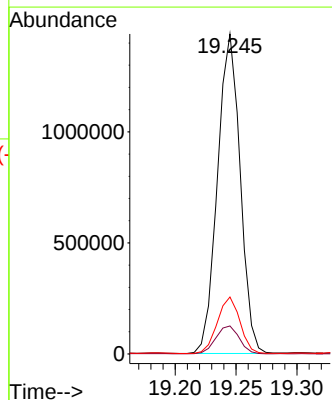
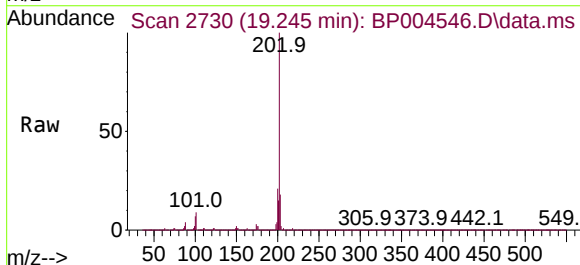
Instrument :
 BNA_P
 ClientSampleId :
 VW-SP

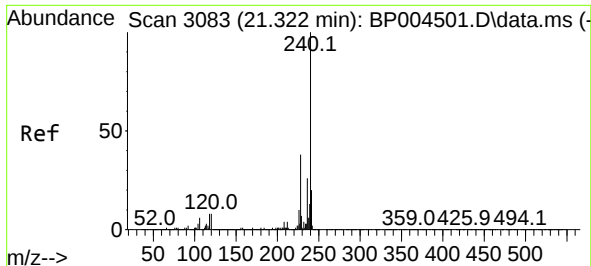
Tgt Ion:178 Resp: 216828
 Ion Ratio Lower Upper
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 176 18.3 15.0 22.4
 179 15.7 12.5 18.7



#75
 Fluoranthene
 Concen: 24.50 ng
 RT: 19.245 min Scan# 2730
 Delta R.T. -0.000 min
 Lab File: BP004546.D
 Acq: 13 Jan 2021 20:03

Tgt Ion:202 Resp: 1867248
 Ion Ratio Lower Upper
 202 100
 101 8.8 0.0 29.4
 203 17.8 0.0 37.8

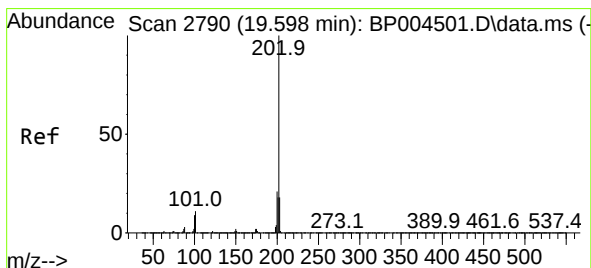
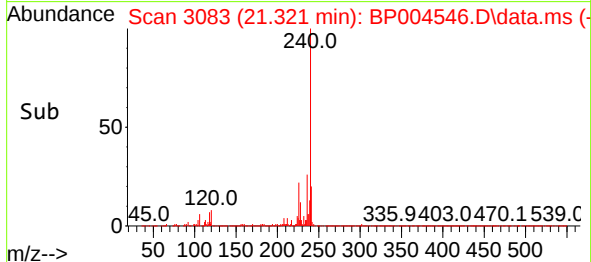
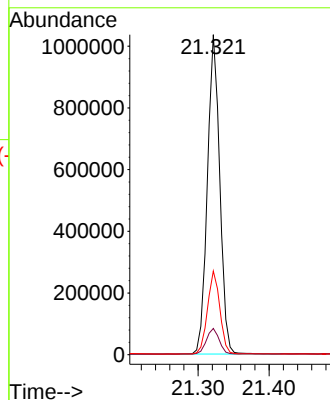
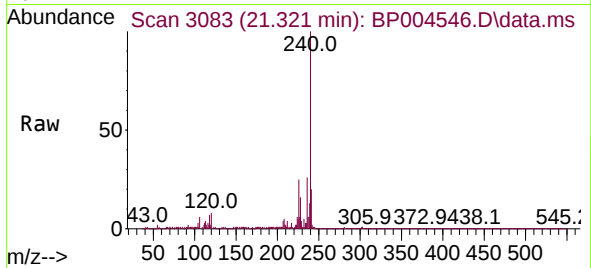




#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.321 min Scan# 3083
Delta R.T. -0.000 min
Lab File: BP004546.D
Acq: 13 Jan 2021 20:03

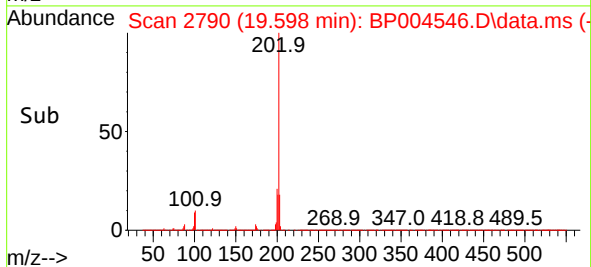
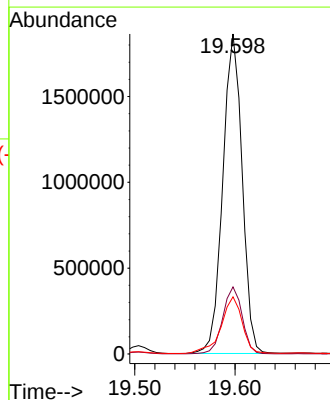
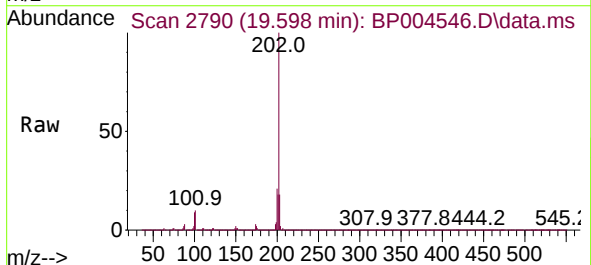
Instrument :
BNA_P
ClientSampled :
VW-SP

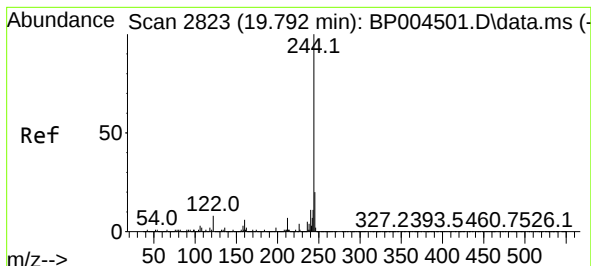
Tgt Ion:240 Resp: 1256795
Ion Ratio Lower Upper
240 100
120 8.2 7.8 11.6
236 26.2 20.8 31.2



#78
Pyrene
Concen: 29.18 ng
RT: 19.598 min Scan# 2790
Delta R.T. -0.000 min
Lab File: BP004546.D
Acq: 13 Jan 2021 20:03

Tgt Ion:202 Resp: 2495380
Ion Ratio Lower Upper
202 100
200 21.0 17.1 25.7
203 17.9 14.2 21.2





#79

Terphenyl-d14

Concen: 26.47 ng

RT: 19.792 min Scan# 2823

Delta R.T. -0.000 min

Lab File: BP004546.D

Acq: 13 Jan 2021 20:03

Instrument :

BNA_P

ClientSampleId :

VW-SP

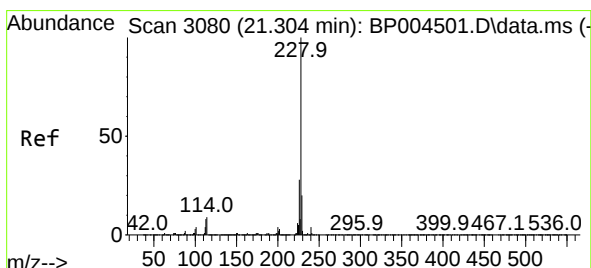
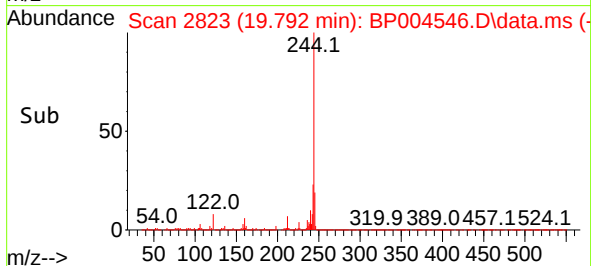
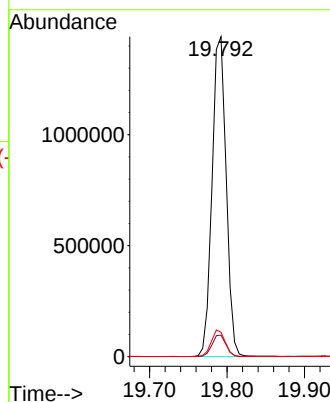
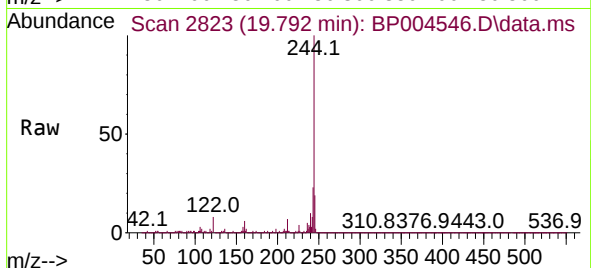
Tgt Ion:244 Resp: 1821044

Ion Ratio Lower Upper

244 100

212 6.8 5.8 8.6

122 7.7 7.8 11.8#



#81

Benzo(a)anthracene

Concen: 10.53 ng

RT: 21.304 min Scan# 3080

Delta R.T. -0.000 min

Lab File: BP004546.D

Acq: 13 Jan 2021 20:03

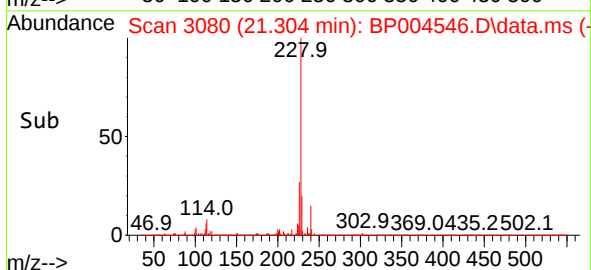
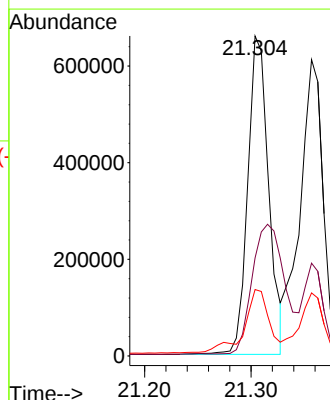
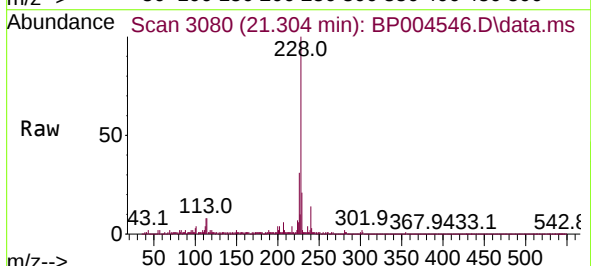
Tgt Ion:228 Resp: 900589

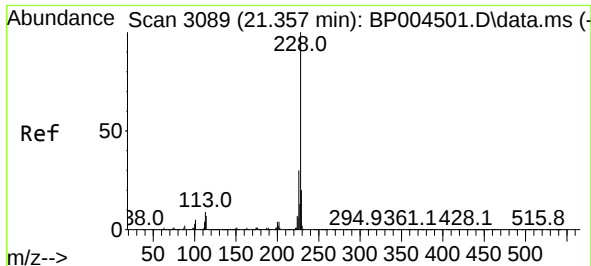
Ion Ratio Lower Upper

228 100

226 30.6 22.1 33.1

229 20.7 15.9 23.9

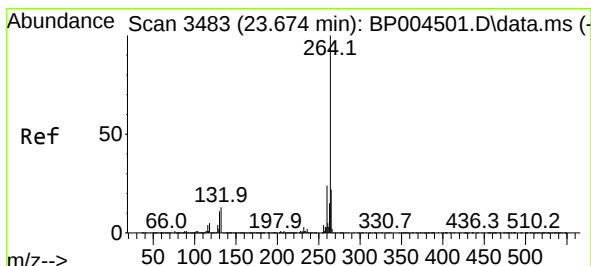
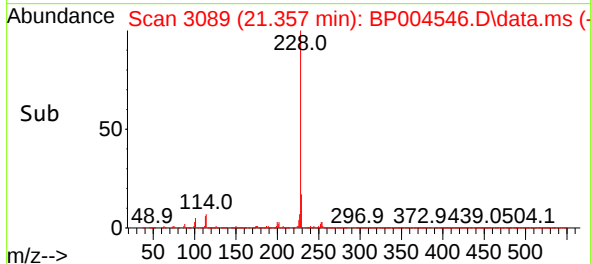
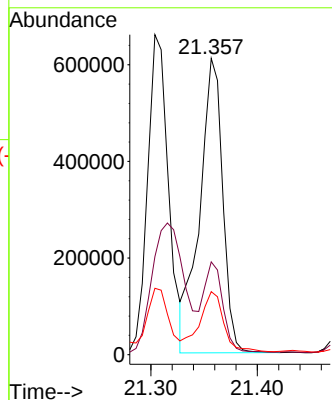
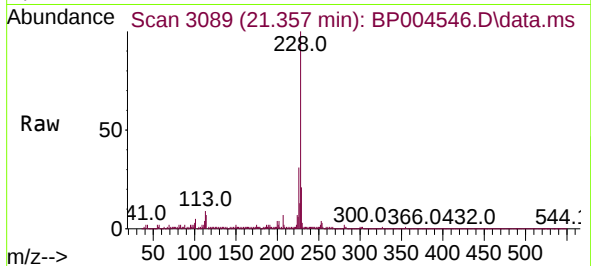




#83
Chrysene
Concen: 11.30 ng
RT: 21.357 min Scan# 3089
Delta R.T. -0.000 min
Lab File: BP004546.D
Acq: 13 Jan 2021 20:03

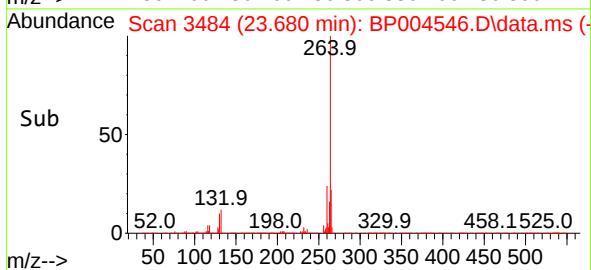
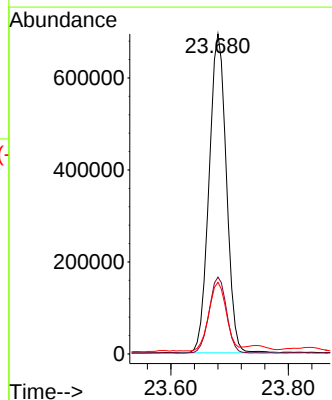
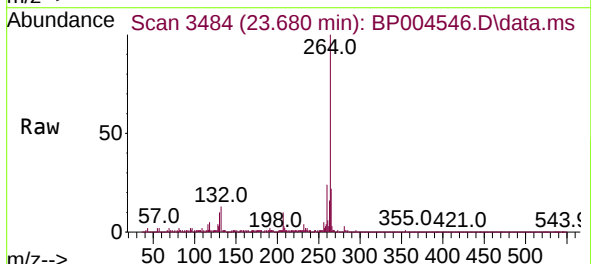
Instrument :
BNA_P
ClientSampleId :
VW-SP

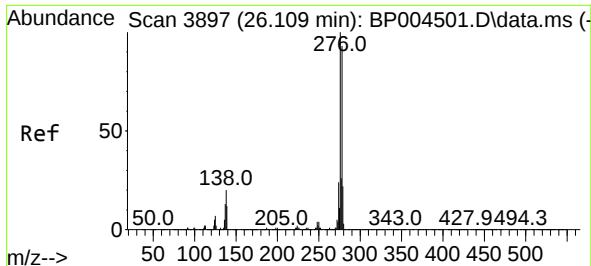
Tgt Ion:	228	Resp:	919479
Ion Ratio	Lower	Upper	
228	100		
226	31.3	24.4	36.6
229	21.3	15.8	23.6



#86
Perylene-d12
Concen: 20.00 ng
RT: 23.680 min Scan# 3484
Delta R.T. 0.006 min
Lab File: BP004546.D
Acq: 13 Jan 2021 20:03

Tgt Ion:	264	Resp:	1414650
Ion Ratio	Lower	Upper	
264	100		
260	24.0	18.8	28.2
265	22.4	17.4	26.2

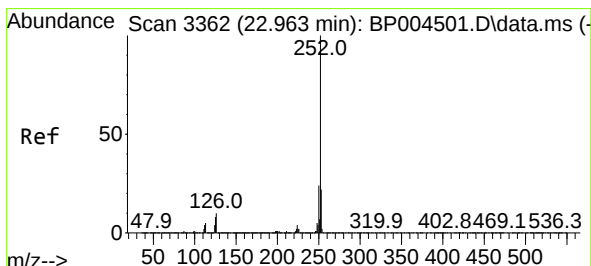
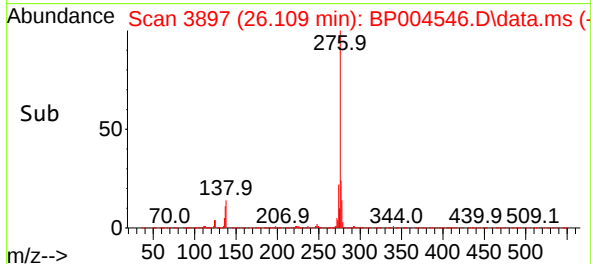
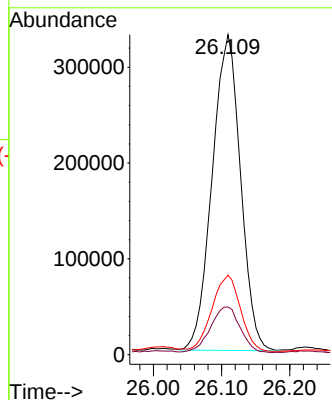
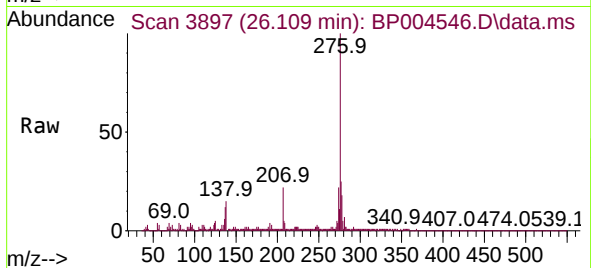




#87
Indeno(1,2,3-cd)pyrene
Concen: 8.73 ng
RT: 26.109 min Scan# 3897
Delta R.T. -0.000 min
Lab File: BP004546.D
Acq: 13 Jan 2021 20:03

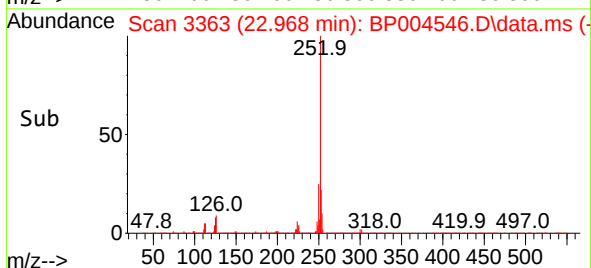
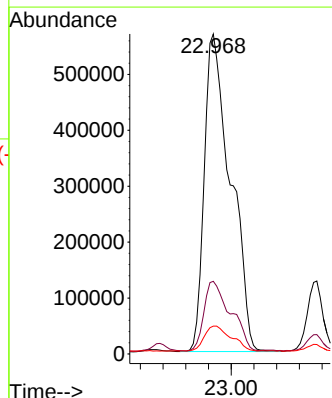
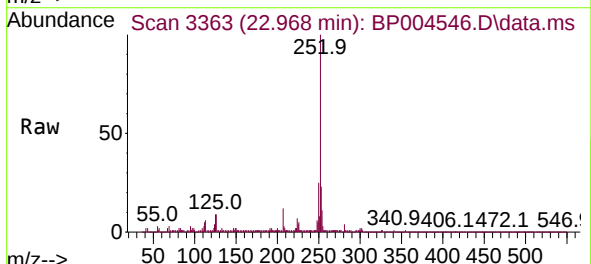
Instrument :
BNA_P
ClientSampled :
VW-SP

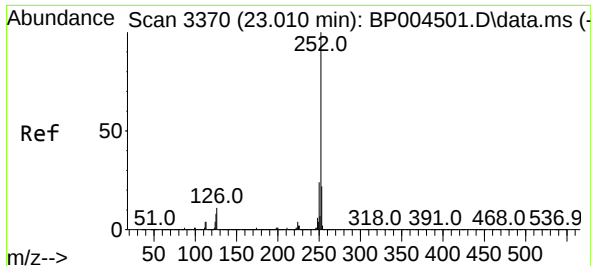
Tgt Ion:276 Resp: 953517
Ion Ratio Lower Upper
276 100
138 15.1 18.7 28.1#
277 24.2 20.4 30.6



#88
Benzo(b)fluoranthene
Concen: 19.87 ng
RT: 22.968 min Scan# 3363
Delta R.T. 0.006 min
Lab File: BP004546.D
Acq: 13 Jan 2021 20:03

Tgt Ion:252 Resp: 1819029
Ion Ratio Lower Upper
252 100
253 22.7 17.6 26.4
125 8.7 7.3 10.9

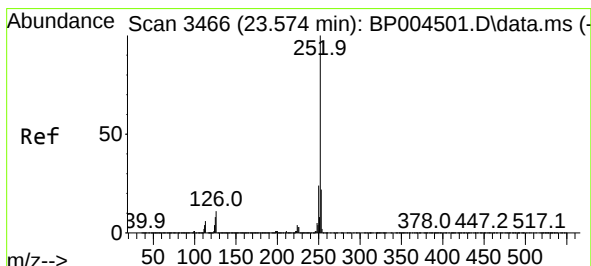
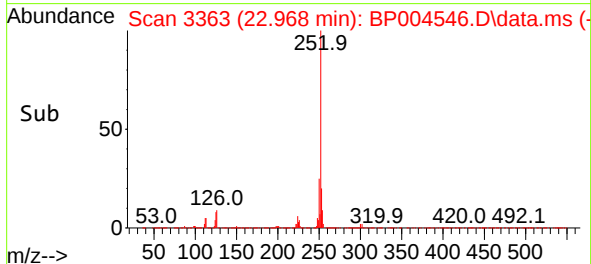
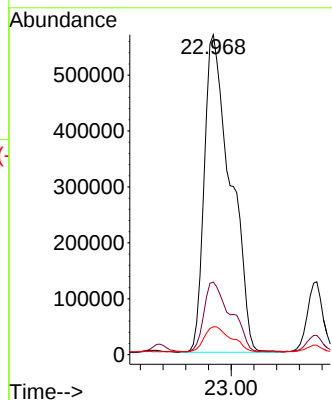
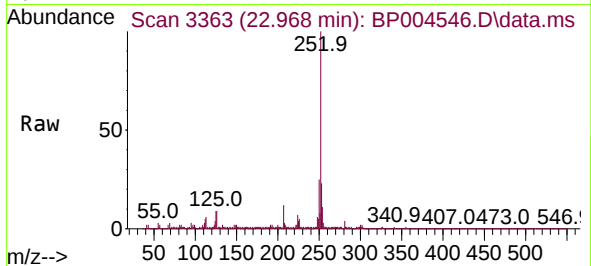




#89
Benzo(k)fluoranthene
Concen: 20.83 ng
RT: 22.968 min Scan# 3363
Delta R.T. -0.041 min
Lab File: BP004546.D
Acq: 13 Jan 2021 20:03

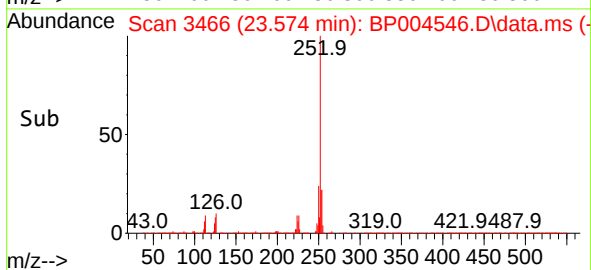
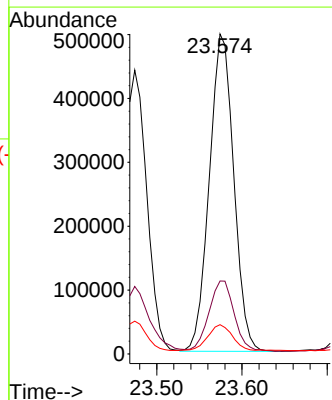
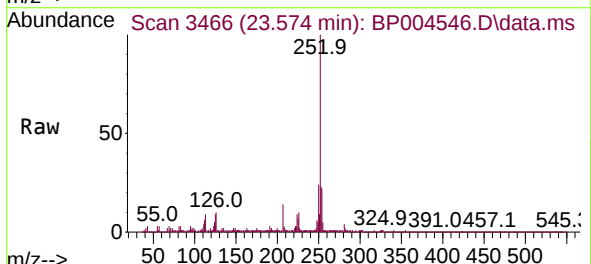
Instrument :
BNA_P
ClientSampled :
VW-SP

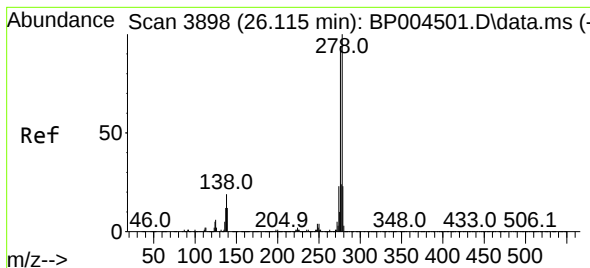
Tgt Ion:252 Resp: 1819029
Ion Ratio Lower Upper
252 100
253 22.7 17.8 26.8
125 8.7 7.4 11.2



#90
Benzo(a)pyrene
Concen: 11.57 ng
RT: 23.574 min Scan# 3466
Delta R.T. -0.000 min
Lab File: BP004546.D
Acq: 13 Jan 2021 20:03

Tgt Ion:252 Resp: 988468
Ion Ratio Lower Upper
252 100
253 22.8 17.4 26.0
125 9.1 8.2 12.4

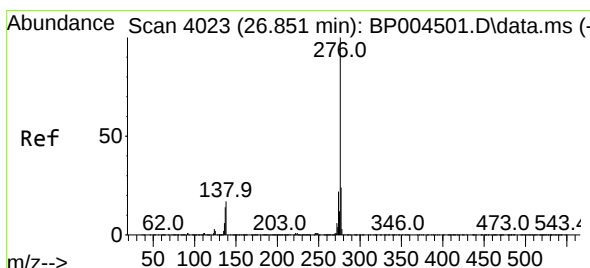
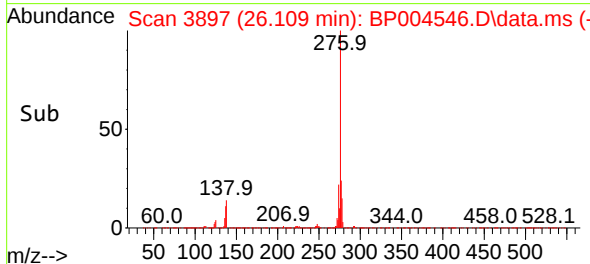
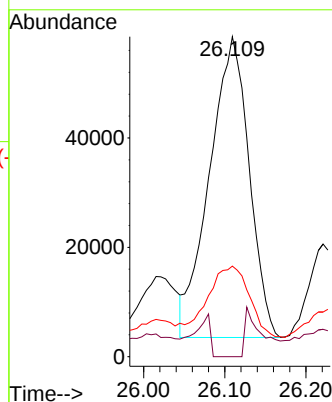
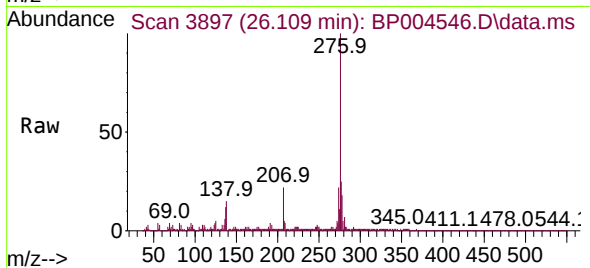




#91
 Dibenzo(a,h)anthracene
 Concen: 2.07 ng
 RT: 26.109 min Scan# 3897
 Delta R.T. -0.006 min
 Lab File: BP004546.D
 Acq: 13 Jan 2021 20:03

Instrument :
 BNA_P
 ClientSampled :
 VW-SP

Tgt Ion:278 Resp: 186547
 Ion Ratio Lower Upper
 278 100
 139 0.0 12.4 18.6#
 279 28.3 19.0 28.6



#92
 Benzo(g,h,i)perylene
 Concen: 13.17 ng
 RT: 26.851 min Scan# 4023
 Delta R.T. -0.000 min
 Lab File: BP004546.D
 Acq: 13 Jan 2021 20:03

Tgt Ion:276 Resp: 1168118
 Ion Ratio Lower Upper
 276 100
 277 24.1 19.0 28.6
 138 16.3 16.6 24.8#

