

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060421\
 Data File : BP005707.D
 Acq On : 04 Jun 2021 11:54
 Operator : CG/JU
 Sample : M2582-01
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 RO-1-VNJ-201

Quant Time: Jun 04 13:53:34 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP052721.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 27 16:11:11 2021
 Response via : Initial Calibration

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

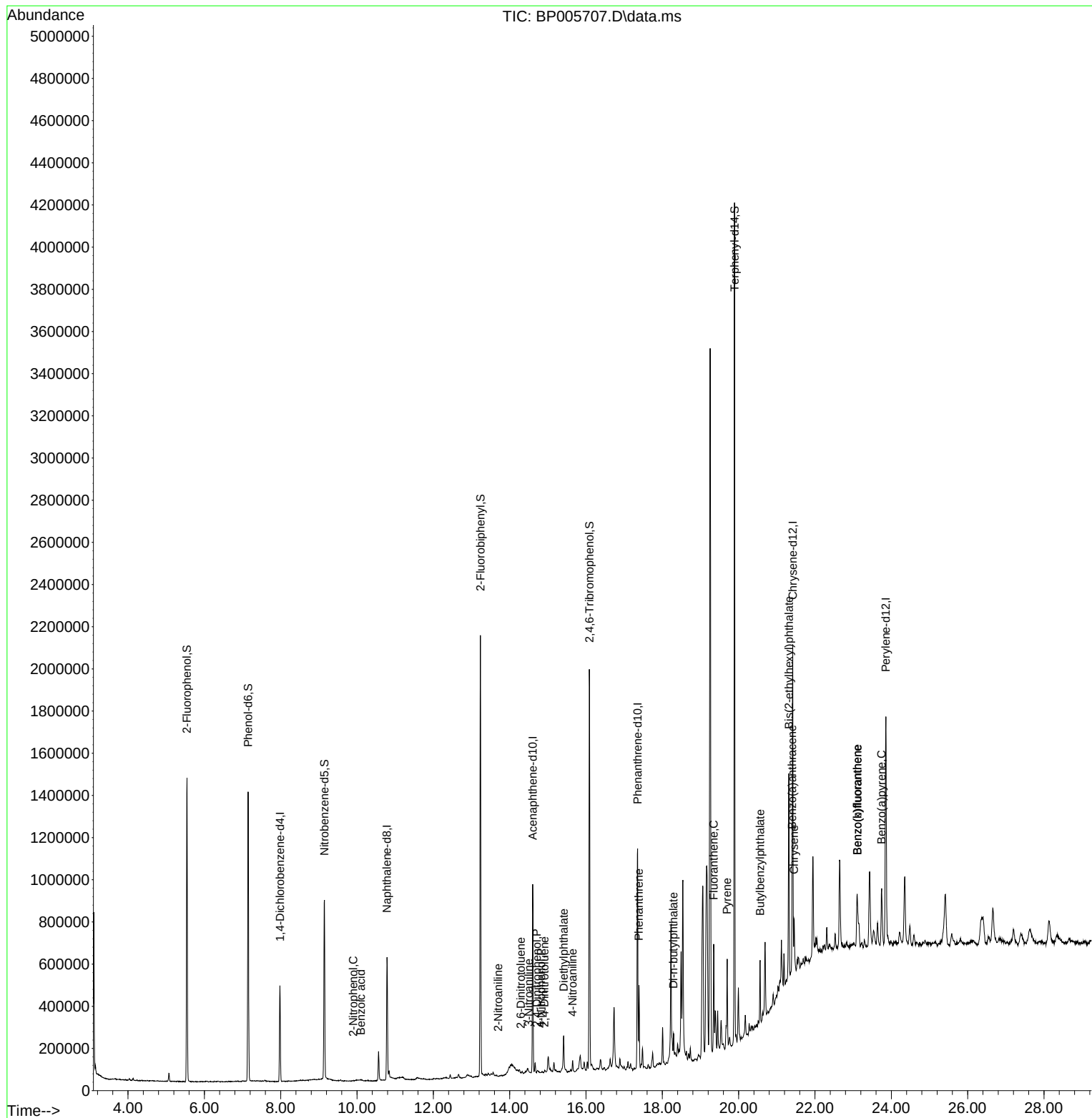
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.981	152	124506	20.000	ng	-0.01
21) Naphthalene-d8	10.787	136	478622	20.000	ng	#-0.01
39) Acenaphthene-d10	14.604	164	299894	20.000	ng	0.00
64) Phenanthrene-d10	17.351	188	644722	20.000	ng	# 0.00
76) Chrysene-d12	21.416	240	715465	20.000	ng	# 0.00
86) Perylene-d12	23.857	264	836893	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.546	112	620290	77.457	ng	0.00
7) Phenol-d6	7.146	99	771505	70.669	ng	0.00
23) Nitrobenzene-d5	9.146	82	500880	58.200	ng	0.00
42) 2,4,6-Tribromophenol	16.092	330	386768	100.576	ng	0.00
45) 2-Fluorobiphenyl	13.234	172	1071794	47.298	ng	0.00
79) Terphenyl-d14	19.892	244	1804116	47.316	ng	0.00
Target Compounds						Qvalue
26) 2-Nitrophenol	9.904	139	115	4.184	ng	# 1
32) Benzoic acid	10.104	122	156	5.048	ng	# 47
48) 2-Nitroaniline	13.698	65	356	4.556	ng	# 51
51) 2,6-Dinitrotoluene	14.292	165	74	5.071	ng	98
53) 3-Nitroaniline	14.498	138	121	3.674	ng	# 61
54) 2,4-Dinitrophenol	14.710	184	86	6.563	ng	# 1
56) 4-Nitrophenol	14.822	139	301	3.809	ng	# 55
57) 2,4-Dinitrotoluene	14.910	165	591	4.343	ng	# 59
60) Diethylphthalate	15.416	149	125846	5.258	ng	97
62) 4-Nitroaniline	15.645	138	463	3.709	ng	# 26
71) Phenanthrene	17.386	178	227619	5.667	ng	100
74) Di-n-butylphthalate	18.292	149	89453	2.140	ng	# 91
75) Fluoranthene	19.345	202	289913	6.013	ng	97
78) Pyrene	19.698	202	238496	4.724	ng	100
80) Butylbenzylphthalate	20.563	149	85289	7.948	ng	# 93
81) Benzo(a)anthracene	21.398	228	146107	2.783	ng	95
83) Chrysene	21.451	228	131745	2.591	ng	97
84) Bis(2-ethylhexyl)phtha...	21.316	149	211705	7.423	ng	# 95
88) Benzo(b)fluoranthene	23.110	252	178492	2.940	ng	# 93
89) Benzo(k)fluoranthene	23.110	252	178492	3.102	ng	# 91
90) Benzo(a)pyrene	23.745	252	131942	2.389	ng	# 93

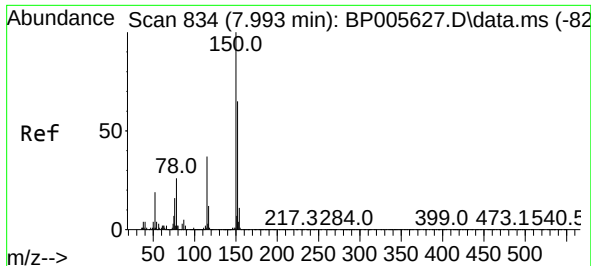
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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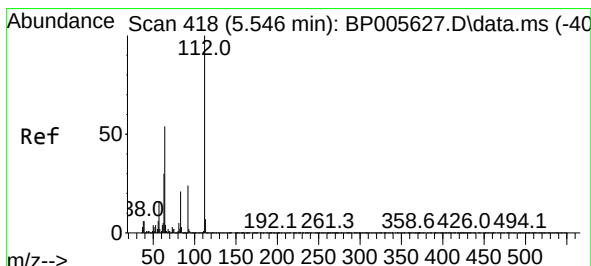
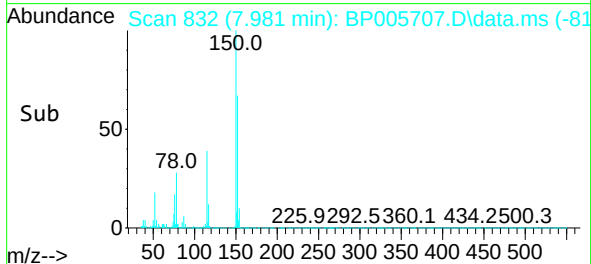
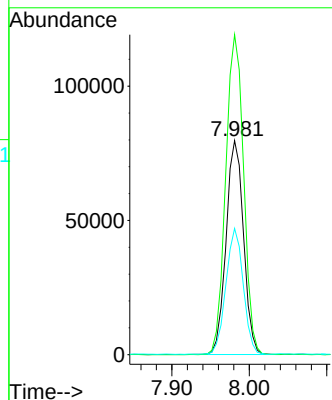
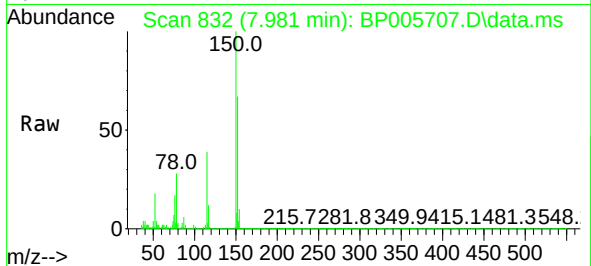




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.981 min Scan# 832
Delta R.T. -0.012 min
Lab File: BP005707.D
Acq: 04 Jun 2021 11:54

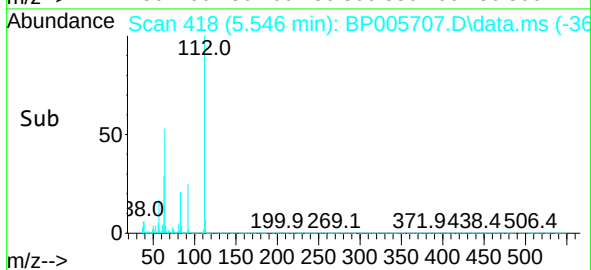
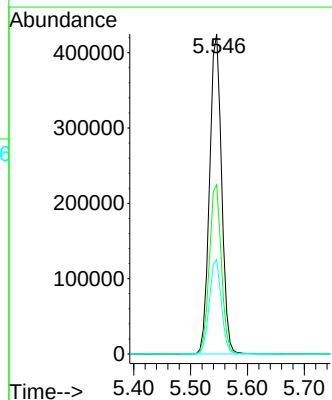
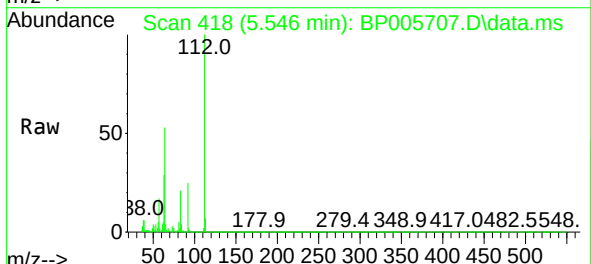
Instrument :
BNA_P
ClientSampleId :
RO-1-VNJ-201

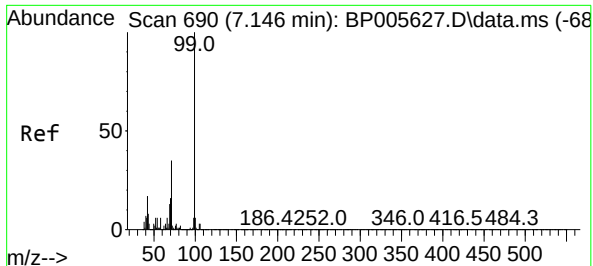
Tgt Ion:152 Resp: 124506
Ion Ratio Lower Upper
152 100
150 149.5 119.8 179.8
115 59.0 49.0 73.4



#5
2-Fluorophenol
Concen: 77.457 ng
RT: 5.546 min Scan# 418
Delta R.T. -0.000 min
Lab File: BP005707.D
Acq: 04 Jun 2021 11:54

Tgt Ion:112 Resp: 620290
Ion Ratio Lower Upper
112 100
64 52.9 33.6 50.4#
63 29.5 18.6 27.8#

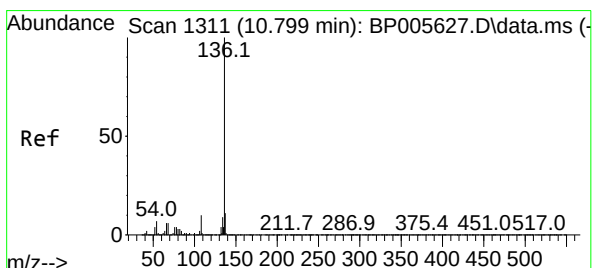
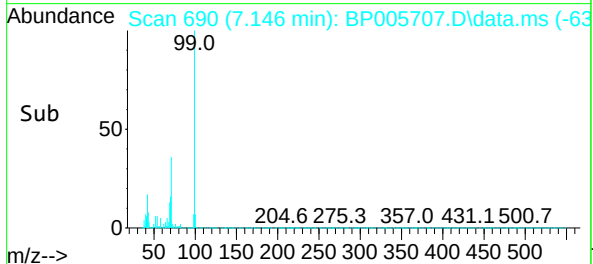
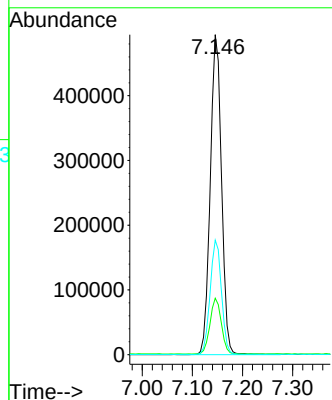
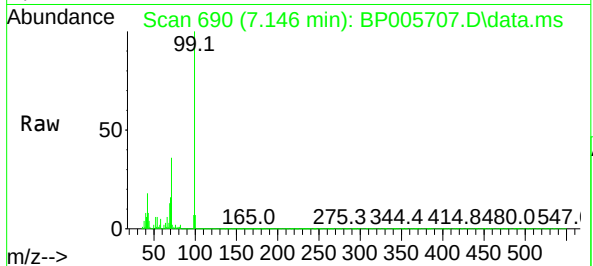




#7
Phenol-d6
Concen: 70.669 ng
RT: 7.146 min Scan# 690
Delta R.T. -0.000 min
Lab File: BP005707.D
Acq: 04 Jun 2021 11:54

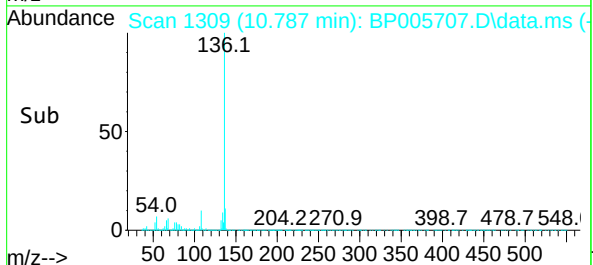
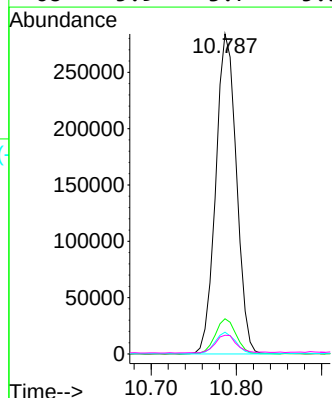
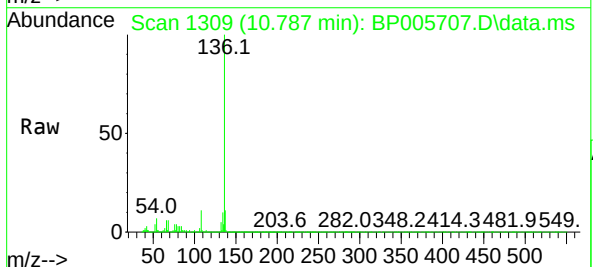
Instrument :
BNA_P
ClientSampleId :
RO-1-VNJ-201

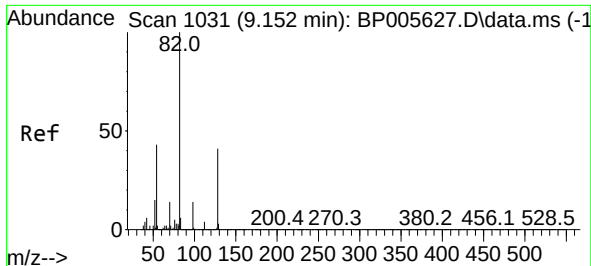
Tgt Ion:	99	Resp:	771505
Ion	Ratio	Lower	Upper
99	100		
42	17.6	12.9	19.3
71	35.8	26.7	40.1



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.787 min Scan# 1309
Delta R.T. -0.012 min
Lab File: BP005707.D
Acq: 04 Jun 2021 11:54

Tgt Ion:	136	Resp:	478622
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.9	13.3
54	6.8	5.0	7.4
68	5.9	3.7	5.5

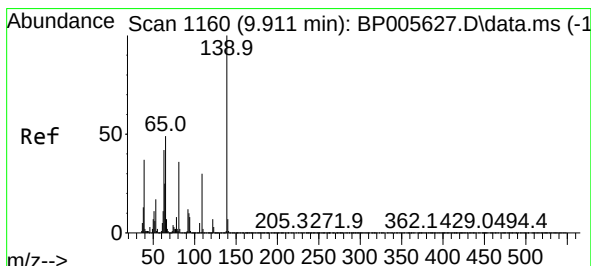
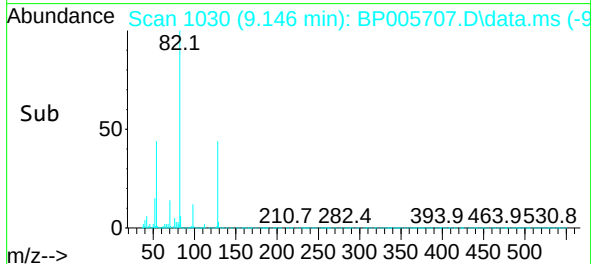
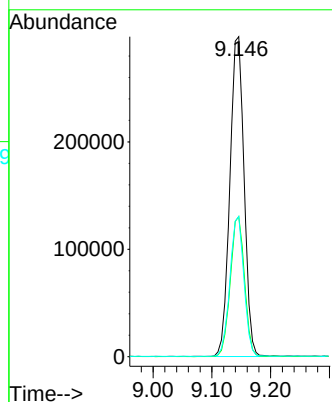
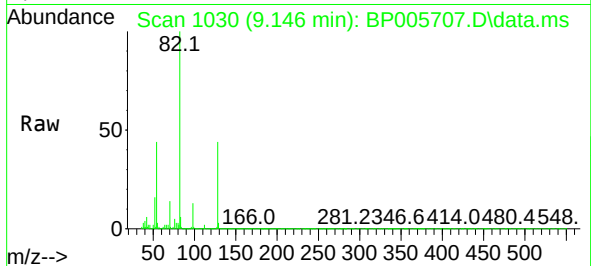




#23
Nitrobenzene-d5
Concen: 58.200 ng
RT: 9.146 min Scan# 1030
Delta R.T. -0.006 min
Lab File: BP005707.D
Acq: 04 Jun 2021 11:54

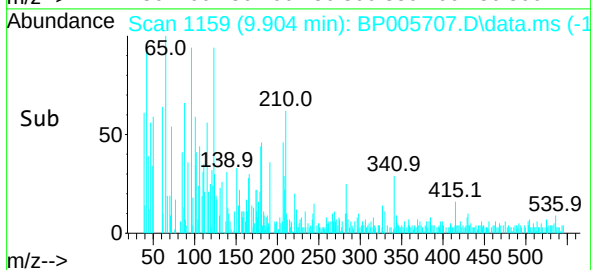
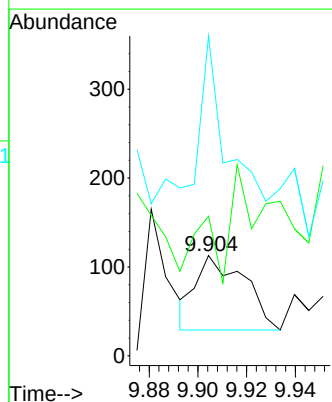
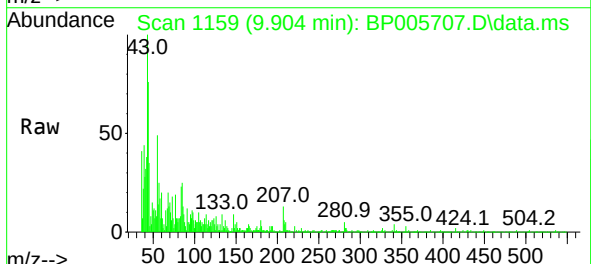
Instrument :
BNA_P
ClientSampleId :
RO-1-VNJ-201

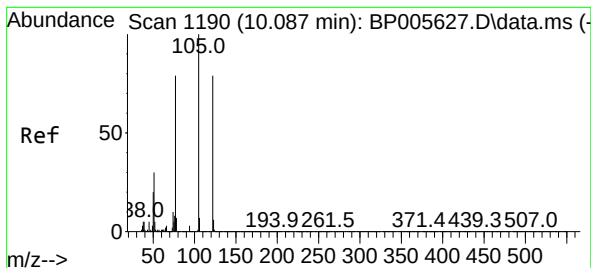
Tgt Ion: 82 Resp: 500880
Ion Ratio Lower Upper
82 100
128 43.8 30.5 45.7
54 43.8 33.9 50.9



#26
2-Nitrophenol
Concen: 4.184 ng
RT: 9.904 min Scan# 1159
Delta R.T. -0.007 min
Lab File: BP005707.D
Acq: 04 Jun 2021 11:54

Tgt Ion:139 Resp: 115
Ion Ratio Lower Upper
139 100
109 138.9 40.7 61.1#
65 318.6 47.8 71.6#

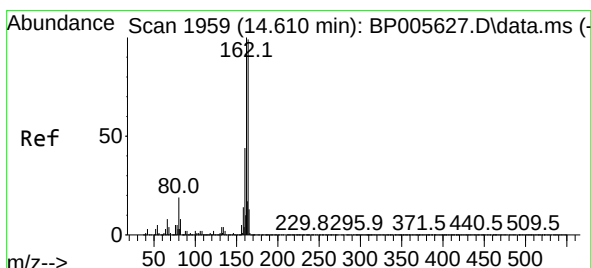
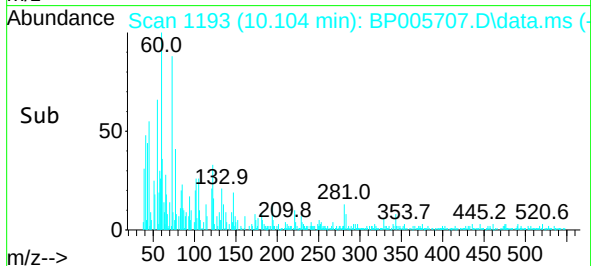
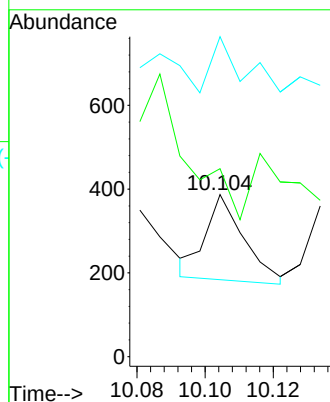
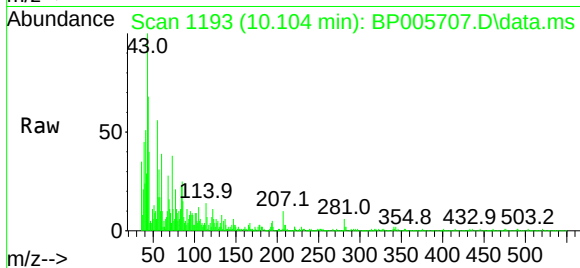




#32
Benzoic acid
Concen: 5.048 ng
RT: 10.104 min Scan# 1193
Delta R.T. 0.017 min
Lab File: BP005707.D
Acq: 04 Jun 2021 11:54

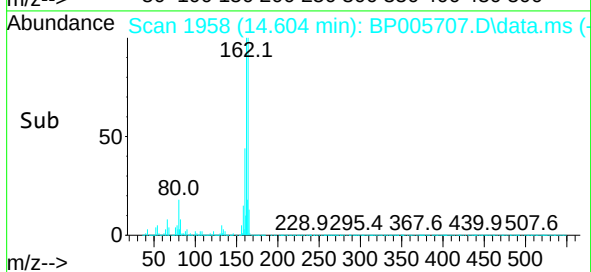
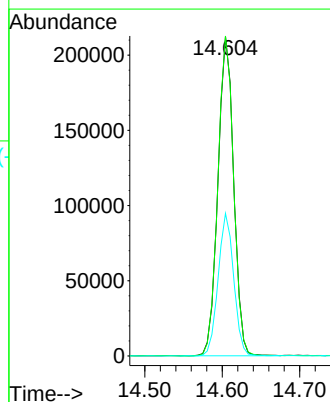
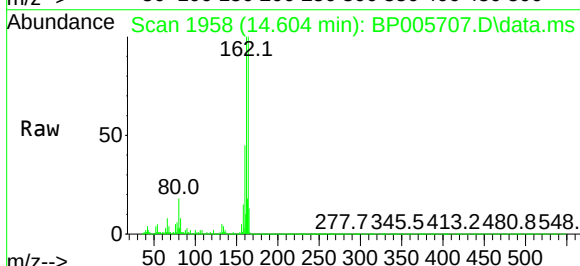
Instrument :
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ClientSampleId :
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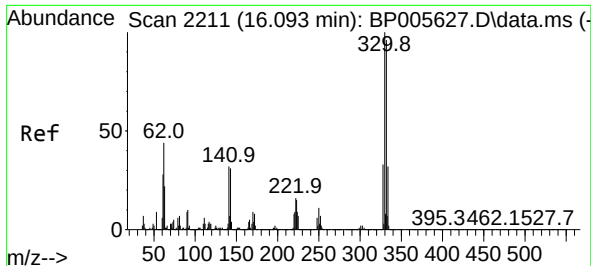
Tgt Ion:122 Resp: 156
Ion Ratio Lower Upper
122 100
105 116.0 105.1 145.1
77 197.4 69.6 109.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.604 min Scan# 1958
Delta R.T. -0.006 min
Lab File: BP005707.D
Acq: 04 Jun 2021 11:54

Tgt Ion:164 Resp: 299894
Ion Ratio Lower Upper
164 100
162 100.1 73.5 110.3
160 44.6 40.6 61.0

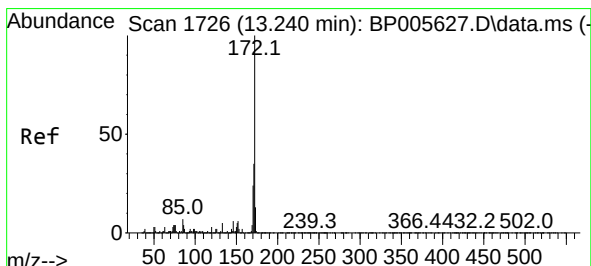
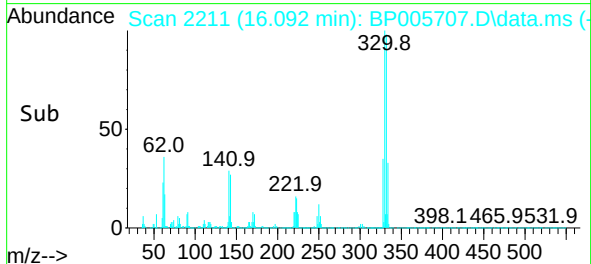
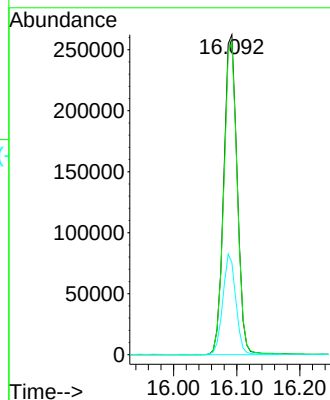
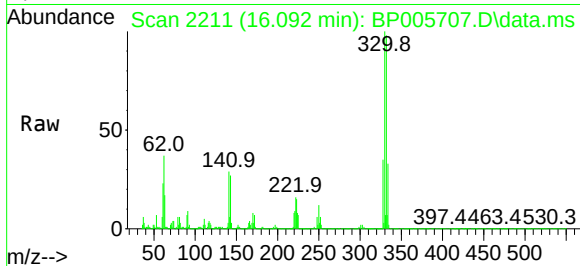




#42
2,4,6-Tribromophenol
Concen: 100.576 ng
RT: 16.092 min Scan# 2211
Delta R.T. -0.000 min
Lab File: BP005707.D
Acq: 04 Jun 2021 11:54

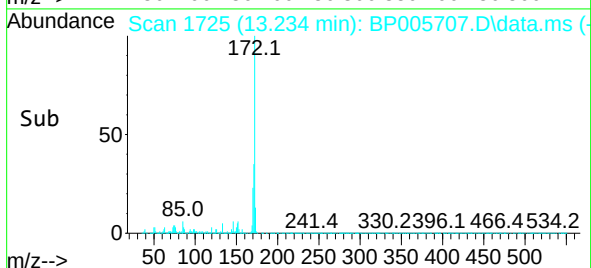
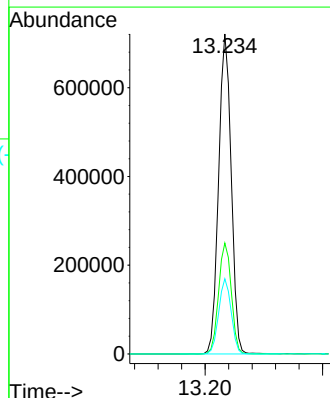
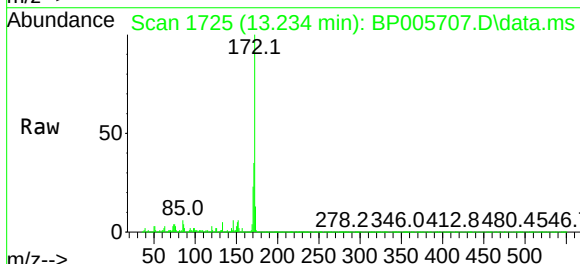
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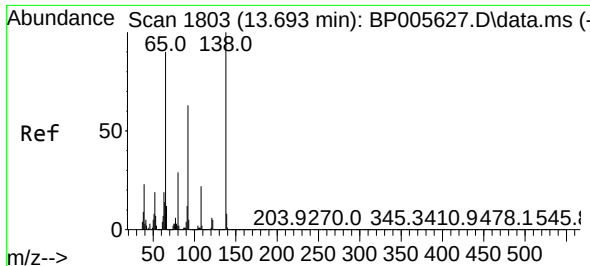
Tgt Ion: 330 Resp: 386768
Ion Ratio Lower Upper
330 100
332 97.7 76.3 114.5
141 30.4 22.8 34.2



#45
2-Fluorobiphenyl
Concen: 47.298 ng
RT: 13.234 min Scan# 1725
Delta R.T. -0.006 min
Lab File: BP005707.D
Acq: 04 Jun 2021 11:54

Tgt Ion: 172 Resp: 1071794
Ion Ratio Lower Upper
172 100
171 34.7 28.1 42.1
170 23.5 19.6 29.4

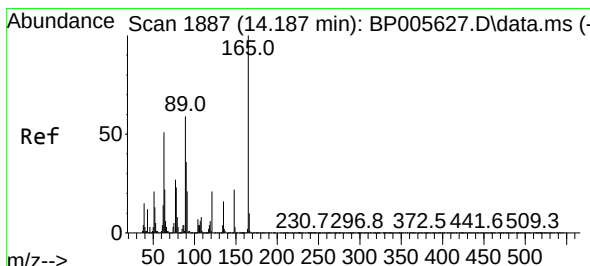
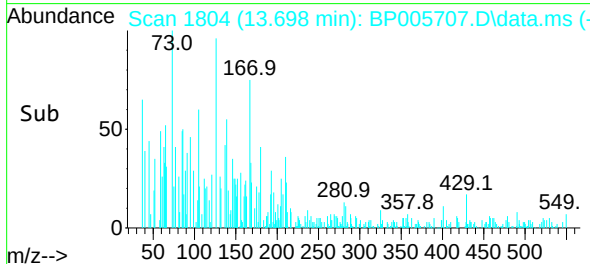
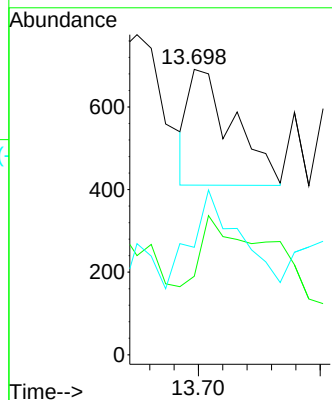
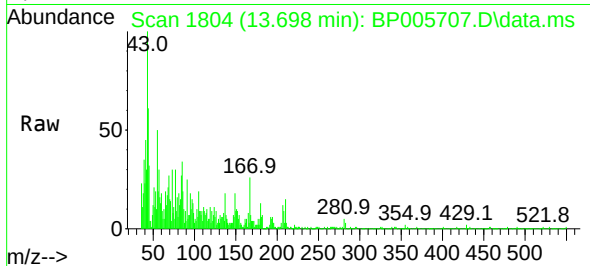




#48
2-Nitroaniline
Concen: 4.556 ng
RT: 13.698 min Scan# 1804
Delta R.T. 0.005 min
Lab File: BP005707.D
Acq: 04 Jun 2021 11:54

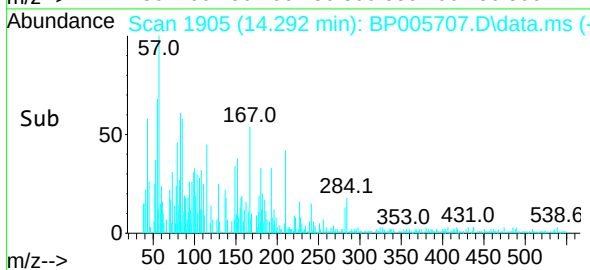
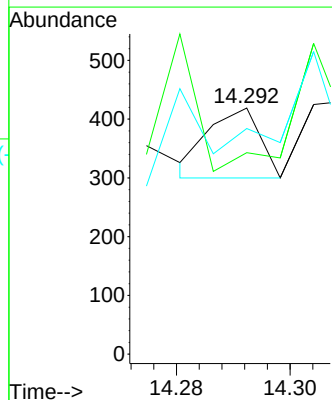
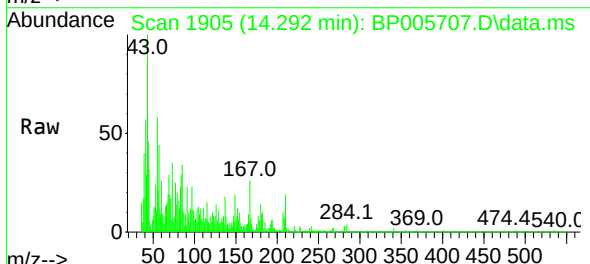
Instrument :
BNA_P
ClientSampled :
RO-1-VNJ-201

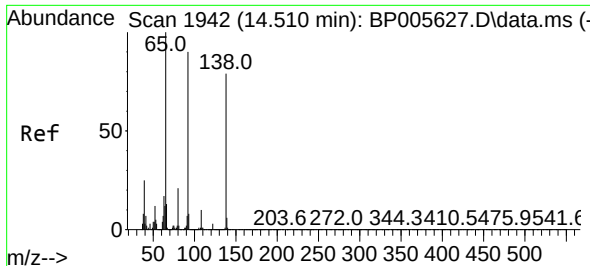
Tgt Ion: 65 Resp: 356
Ion Ratio Lower Upper
65 100
92 27.5 48.8 73.2#
138 37.6 69.5 104.3#



#51
2,6-Dinitrotoluene
Concen: 5.071 ng
RT: 14.292 min Scan# 1905
Delta R.T. 0.105 min
Lab File: BP005707.D
Acq: 04 Jun 2021 11:54

Tgt Ion: 165 Resp: 74
Ion Ratio Lower Upper
165 100
63 81.9 67.4 101.0
89 91.6 73.8 110.6

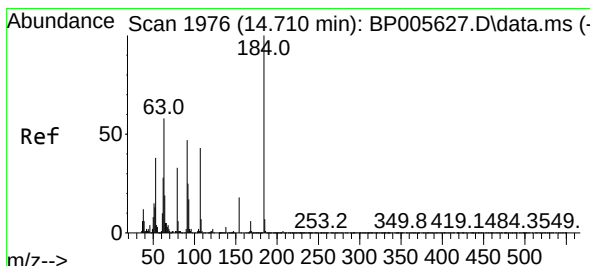
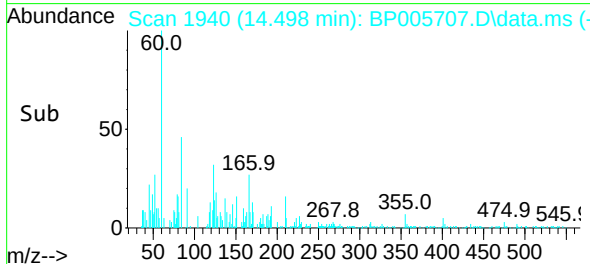
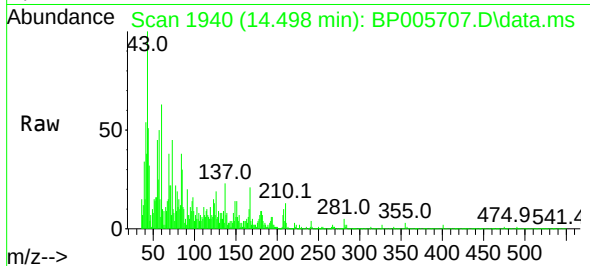




#53
3-Nitroaniline
Concen: 3.674 ng
RT: 14.498 min Scan# 1940
Delta R.T. -0.012 min
Lab File: BP005707.D
Acq: 04 Jun 2021 11:54

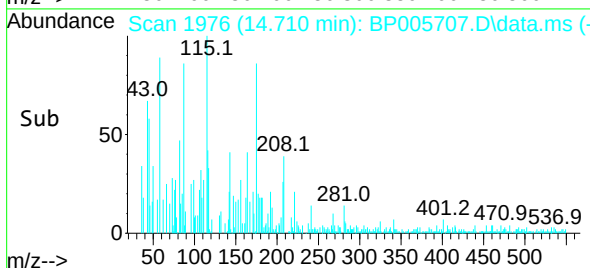
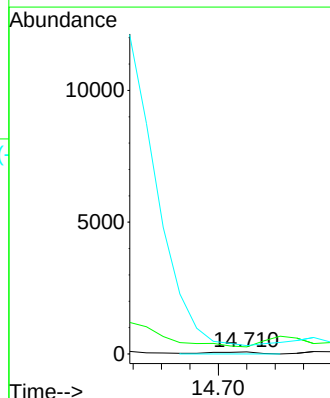
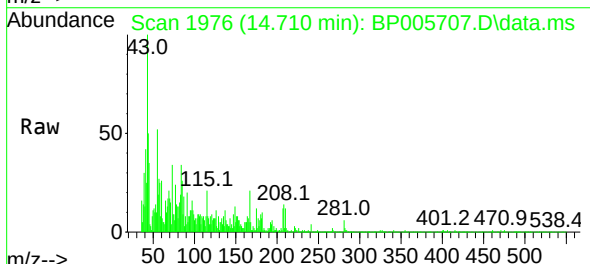
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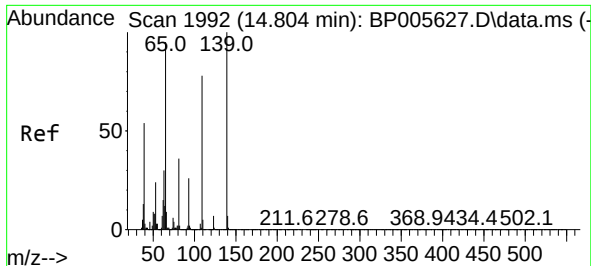
Tgt Ion:138 Resp: 121
Ion Ratio Lower Upper
138 100
108 57.2 10.2 15.4#
92 96.2 108.1 162.1#



#54
2,4-Dinitrophenol
Concen: 6.563 ng
RT: 14.710 min Scan# 1976
Delta R.T. -0.000 min
Lab File: BP005707.D
Acq: 04 Jun 2021 11:54

Tgt Ion:184 Resp: 86
Ion Ratio Lower Upper
184 100
63 343.6 51.2 76.8#
154 407.7 55.8 83.8#

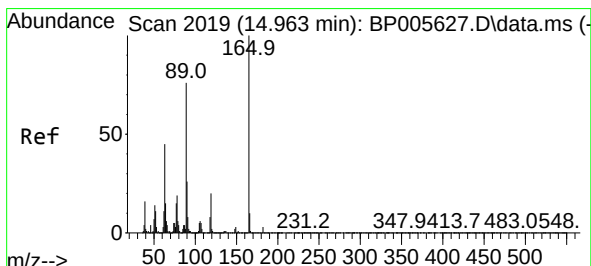
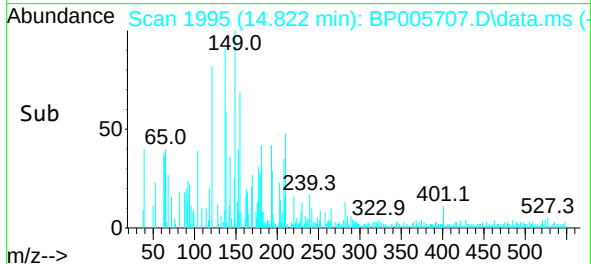
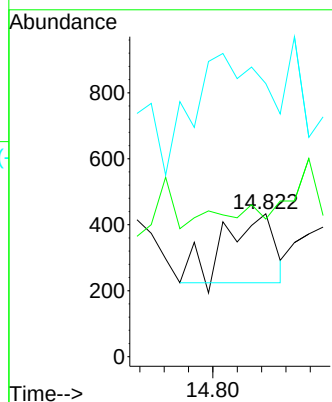
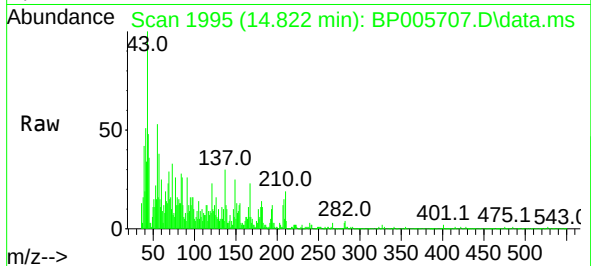




#56
4-Nitrophenol
Concen: 3.809 ng
RT: 14.822 min Scan# 1995
Delta R.T. 0.018 min
Lab File: BP005707.D
Acq: 04 Jun 2021 11:54

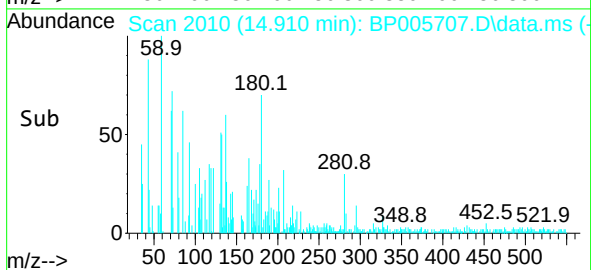
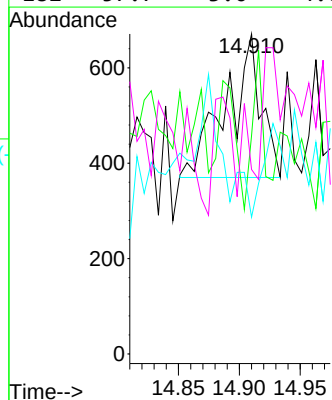
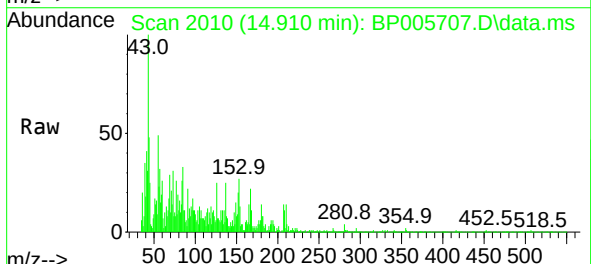
Instrument :
BNA_P
ClientSampleId :
RO-1-VNJ-201

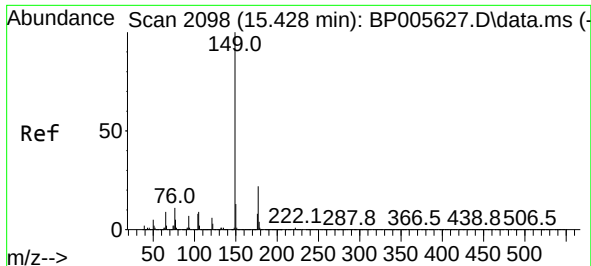
Tgt Ion:139 Resp: 301
Ion Ratio Lower Upper
139 100
109 96.3 122.8 162.8#
65 191.2 110.0 150.0#



#57
2,4-Dinitrotoluene
Concen: 4.343 ng
RT: 14.910 min Scan# 2010
Delta R.T. -0.053 min
Lab File: BP005707.D
Acq: 04 Jun 2021 11:54

Tgt Ion:165 Resp: 591
Ion Ratio Lower Upper
165 100
63 68.3 56.7 85.1
89 42.8 85.8 128.6#
182 57.7 3.0 4.6#

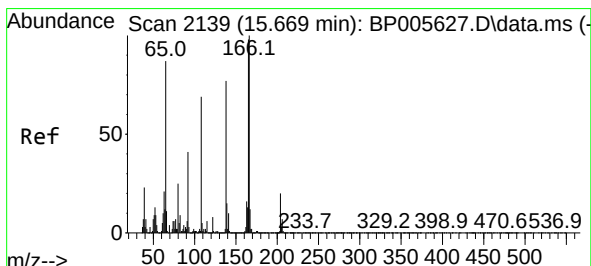
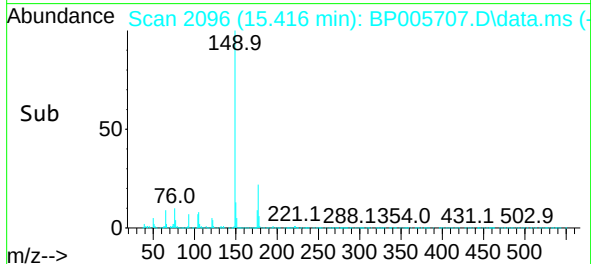
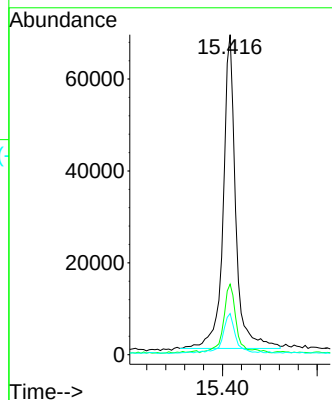
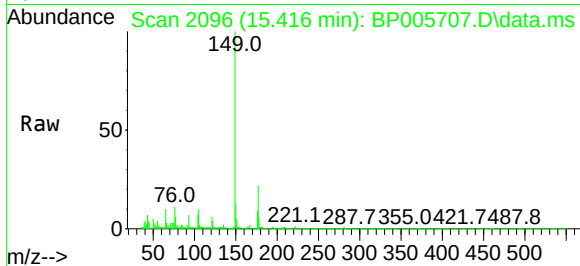




#60
Diethylphthalate
Concen: 5.258 ng
RT: 15.416 min Scan# 2096
Delta R.T. -0.012 min
Lab File: BP005707.D
Acq: 04 Jun 2021 11:54

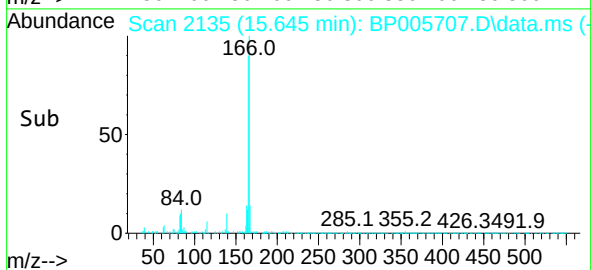
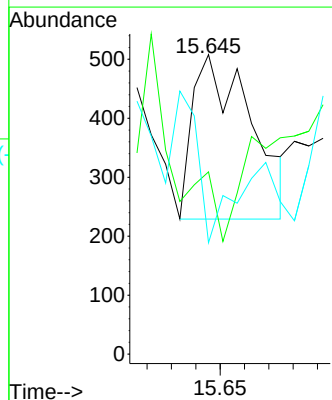
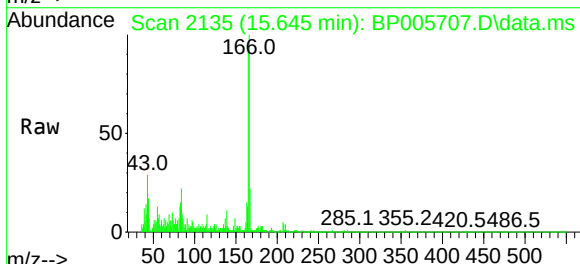
Instrument :
BNA_P
ClientSampleId :
RO-1-VNJ-201

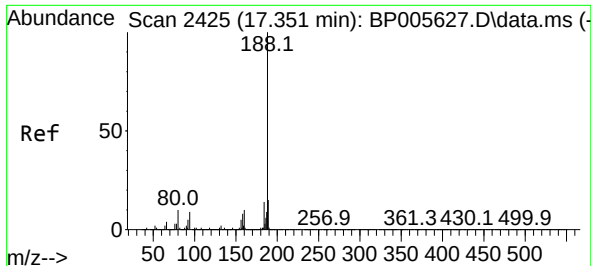
Tgt Ion:149 Resp: 125846
Ion Ratio Lower Upper
149 100
177 22.0 19.2 28.8
150 12.9 9.9 14.9



#62
4-Nitroaniline
Concen: 3.709 ng
RT: 15.645 min Scan# 2135
Delta R.T. -0.024 min
Lab File: BP005707.D
Acq: 04 Jun 2021 11:54

Tgt Ion:138 Resp: 463
Ion Ratio Lower Upper
138 100
92 60.8 50.9 90.9
108 37.2 154.7 194.7#

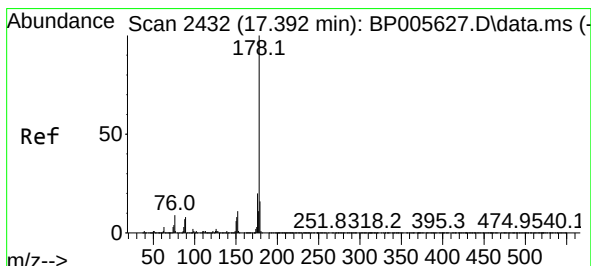
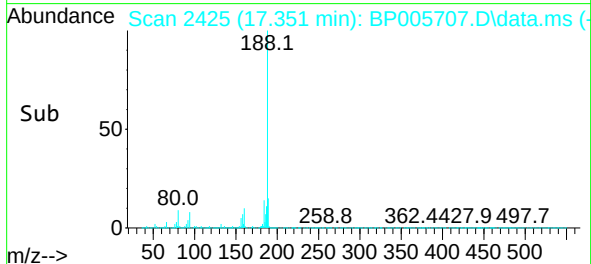
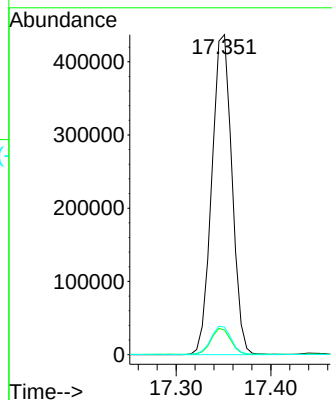
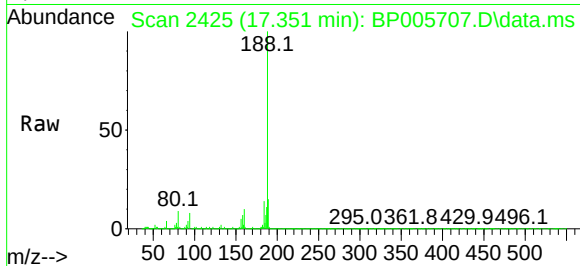




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.351 min Scan# 2425
Delta R.T. 0.000 min
Lab File: BP005707.D
Acq: 04 Jun 2021 11:54

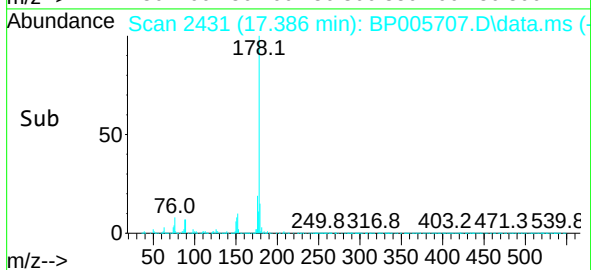
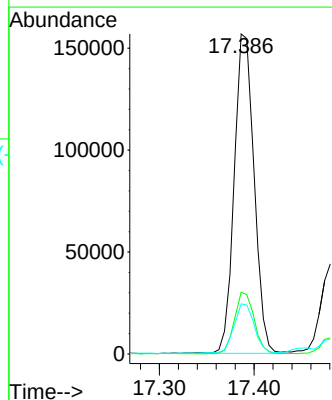
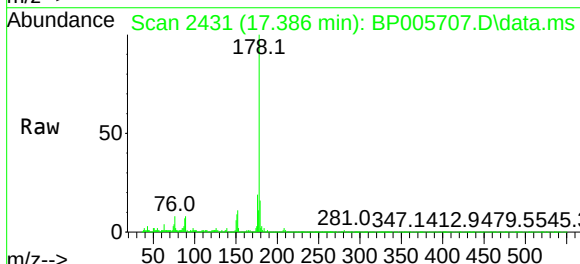
Instrument :
BNA_P
ClientSampleId :
RO-1-VNJ-201

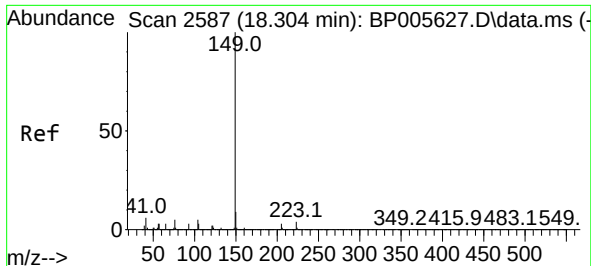
Tgt Ion:188 Resp: 644722
Ion Ratio Lower Upper
188 100
94 7.7 5.0 7.6#
80 8.6 5.9 8.9



#71
Phenanthrene
Concen: 5.667 ng
RT: 17.386 min Scan# 2431
Delta R.T. -0.006 min
Lab File: BP005707.D
Acq: 04 Jun 2021 11:54

Tgt Ion:178 Resp: 227619
Ion Ratio Lower Upper
178 100
176 19.3 15.4 23.2
179 15.7 12.3 18.5

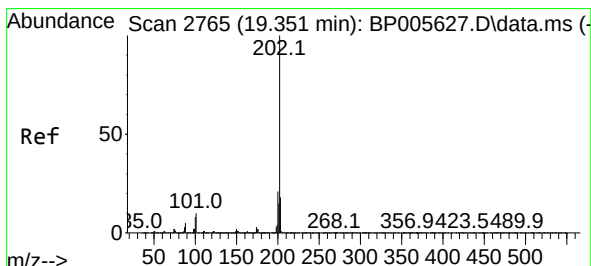
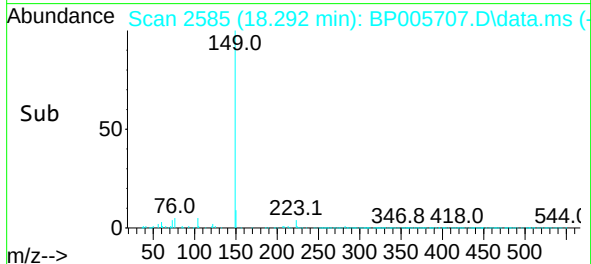
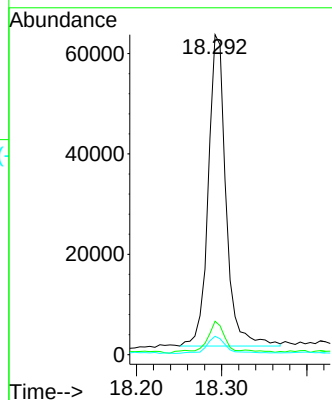
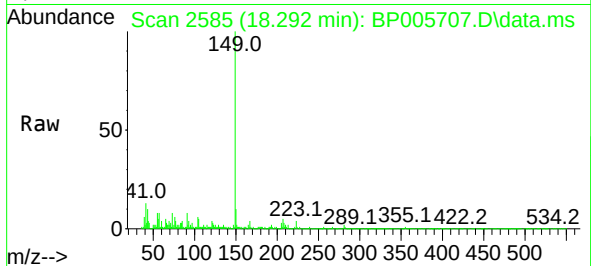




#74
Di-n-butylphthalate
Concen: 2.140 ng
RT: 18.292 min Scan# 2585
Delta R.T. -0.012 min
Lab File: BP005707.D
Acq: 04 Jun 2021 11:54

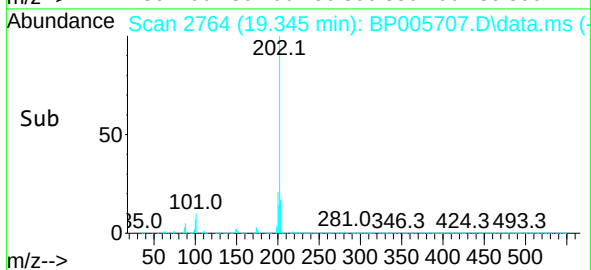
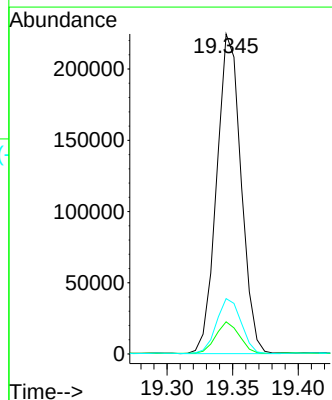
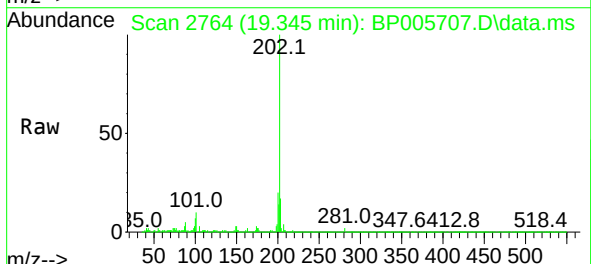
Instrument :
BNA_P
ClientSampleId :
RO-1-VNJ-201

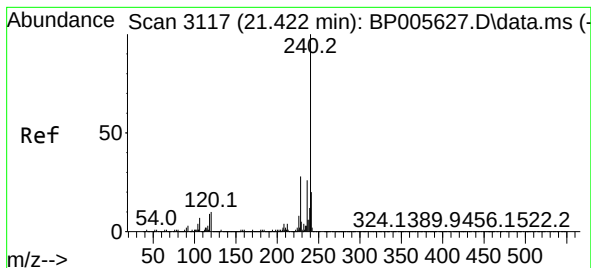
Tgt Ion:149 Resp: 89453
Ion Ratio Lower Upper
149 100
150 10.4 7.6 11.4
104 5.7 8.9 13.3#



#75
Fluoranthene
Concen: 6.013 ng
RT: 19.345 min Scan# 2764
Delta R.T. -0.006 min
Lab File: BP005707.D
Acq: 04 Jun 2021 11:54

Tgt Ion:202 Resp: 289913
Ion Ratio Lower Upper
202 100
101 10.1 0.0 26.1
203 17.3 0.0 37.2





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.416 min Scan# 3116

Delta R.T. -0.006 min

Lab File: BP005707.D

Acq: 04 Jun 2021 11:54

Tgt Ion:240 Resp: 715465

Ion Ratio Lower Upper

240 100

120 8.6 4.2 6.2#

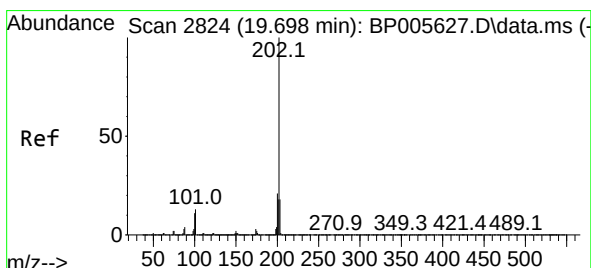
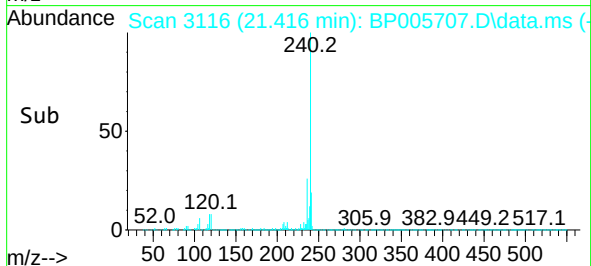
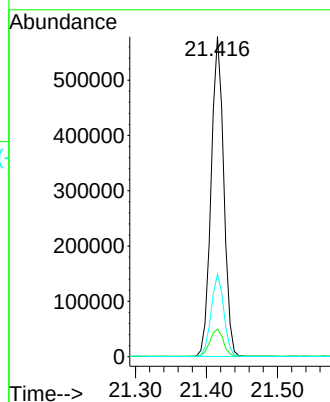
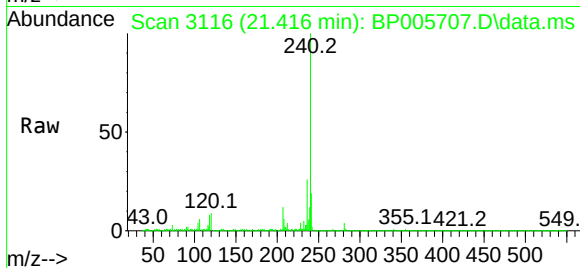
236 25.8 20.2 30.2

Instrument :

BNA_P

ClientSampleId :

RO-1-VNJ-201



#78

Pyrene

Concen: 4.724 ng

RT: 19.698 min Scan# 2824

Delta R.T. -0.000 min

Lab File: BP005707.D

Acq: 04 Jun 2021 11:54

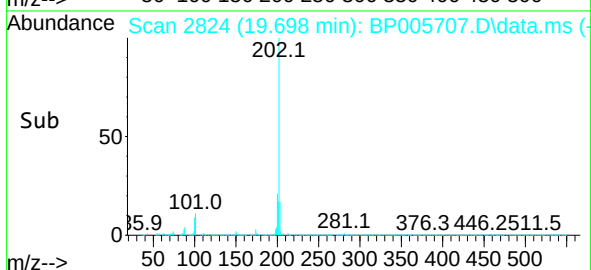
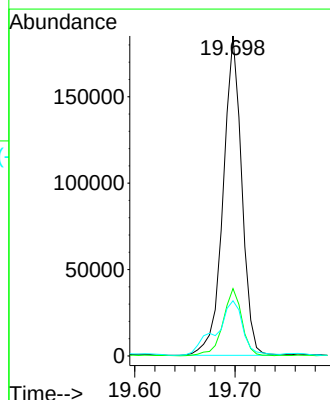
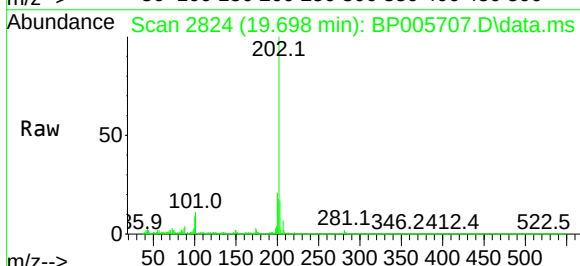
Tgt Ion:202 Resp: 238496

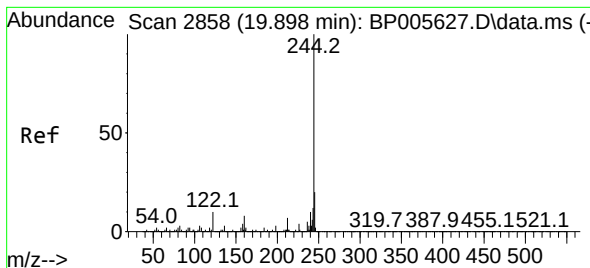
Ion Ratio Lower Upper

202 100

200 21.0 16.9 25.3

203 17.3 13.8 20.6





#79

Terphenyl-d14

Concen: 47.316 ng

RT: 19.892 min Scan# 2857

Delta R.T. -0.006 min

Lab File: BP005707.D

Acq: 04 Jun 2021 11:54

Instrument :

BNA_P

ClientSampleId :

RO-1-VNJ-201

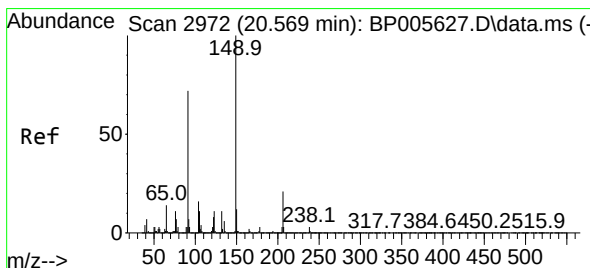
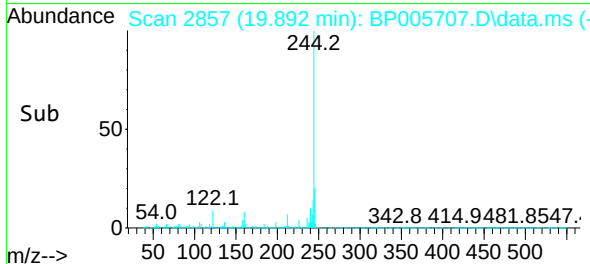
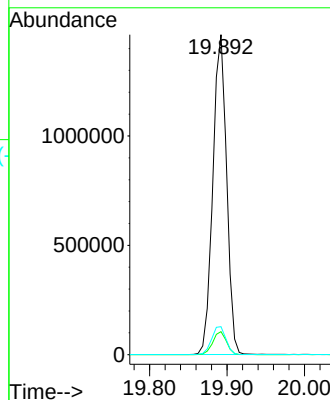
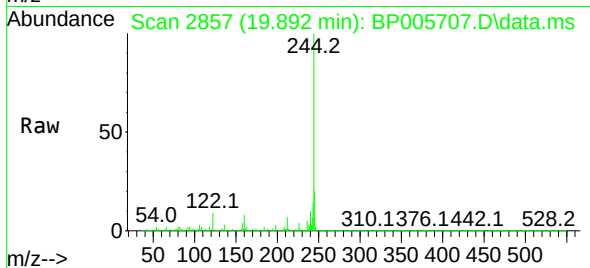
Tgt Ion:244 Resp: 1804116

Ion Ratio Lower Upper

244 100

212 7.2 5.8 8.6

122 8.7 5.2 7.8#



#80

Butylbenzylphthalate

Concen: 7.948 ng

RT: 20.563 min Scan# 2971

Delta R.T. -0.006 min

Lab File: BP005707.D

Acq: 04 Jun 2021 11:54

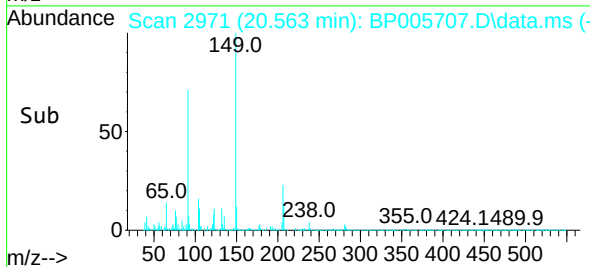
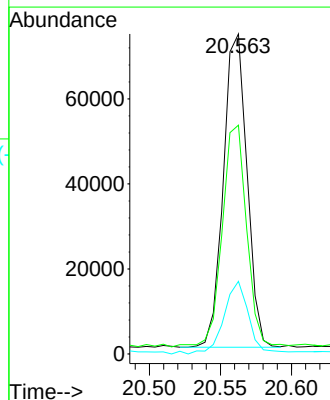
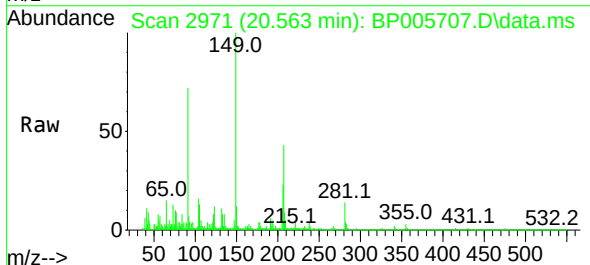
Tgt Ion:149 Resp: 85289

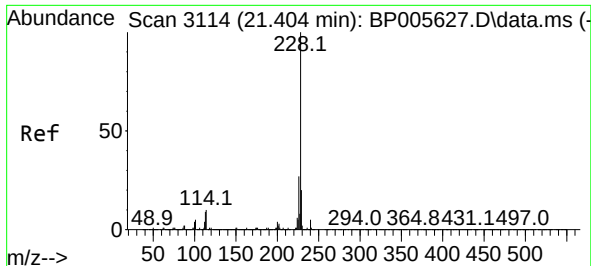
Ion Ratio Lower Upper

149 100

91 71.5 60.2 90.4

206 22.7 23.9 35.9#

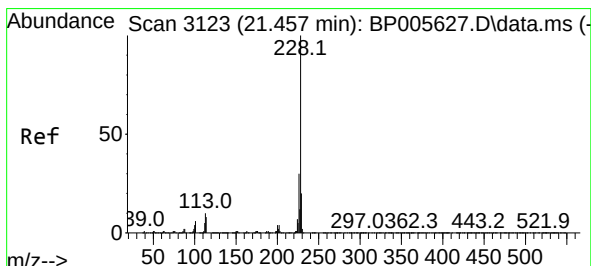
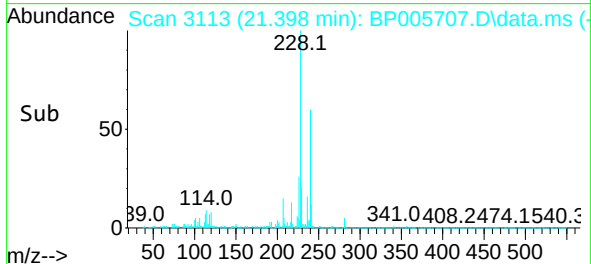
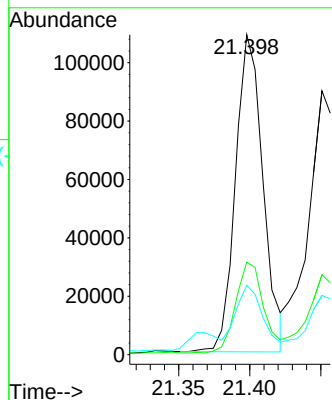
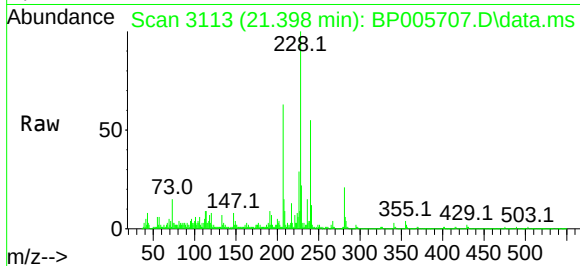




#81
Benzo(a)anthracene
Concen: 2.783 ng
RT: 21.398 min Scan# 3113
Delta R.T. -0.006 min
Lab File: BP005707.D
Acq: 04 Jun 2021 11:54

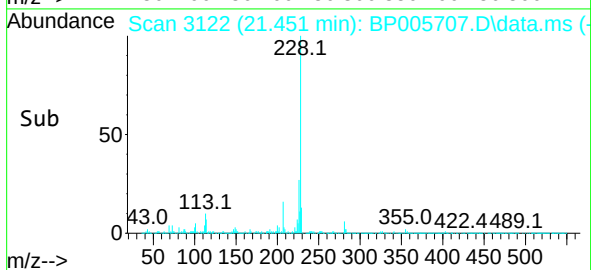
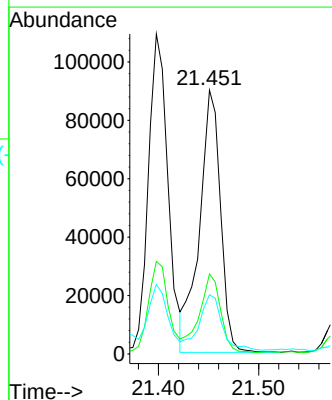
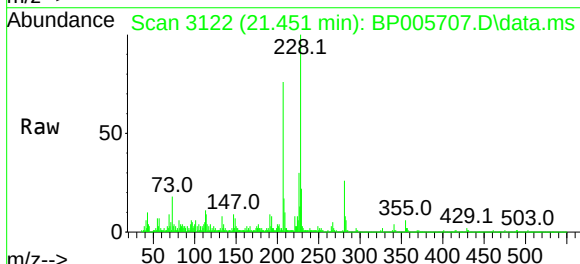
Instrument :
BNA_P
ClientSampleId :
RO-1-VNJ-201

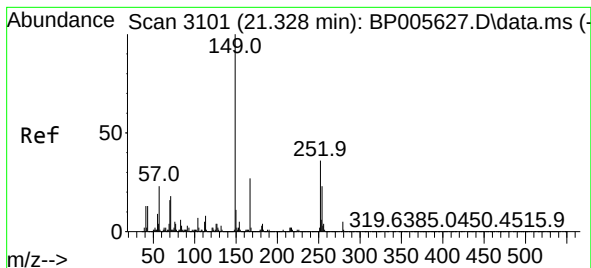
Tgt Ion:228 Resp: 146107
Ion Ratio Lower Upper
228 100
226 28.9 21.2 31.8
229 21.7 15.6 23.4



#83
Chrysene
Concen: 2.591 ng
RT: 21.451 min Scan# 3122
Delta R.T. -0.006 min
Lab File: BP005707.D
Acq: 04 Jun 2021 11:54

Tgt Ion:228 Resp: 131745
Ion Ratio Lower Upper
228 100
226 30.3 24.8 37.2
229 22.4 15.4 23.0

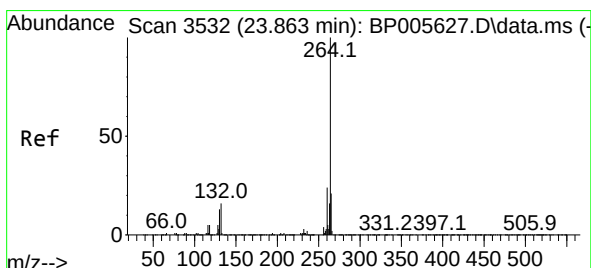
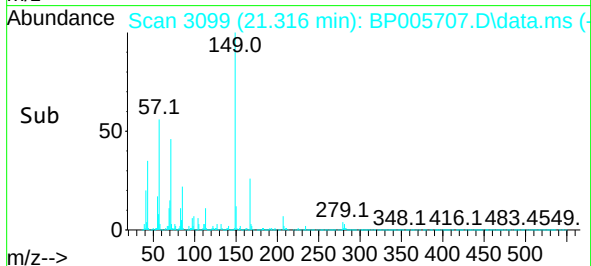
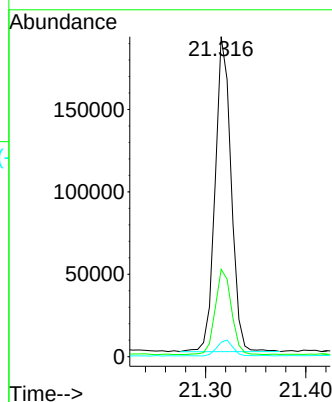
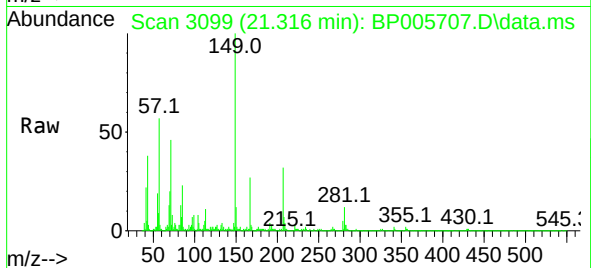




#84
Bis(2-ethylhexyl)phthalate
Concen: 7.423 ng
RT: 21.316 min Scan# 3099
Delta R.T. -0.012 min
Lab File: BP005707.D
Acq: 04 Jun 2021 11:54

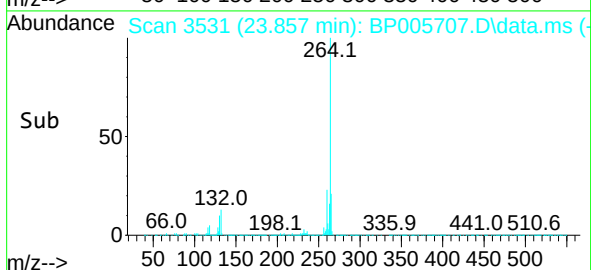
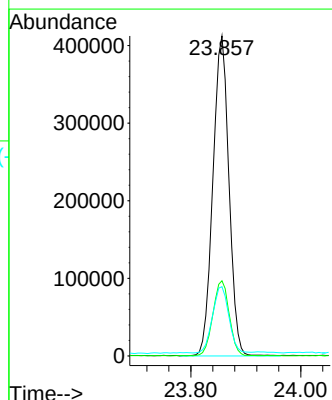
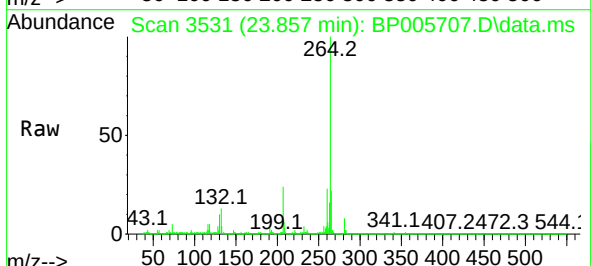
Instrument :
BNA_P
ClientSampleId :
RO-1-VNJ-201

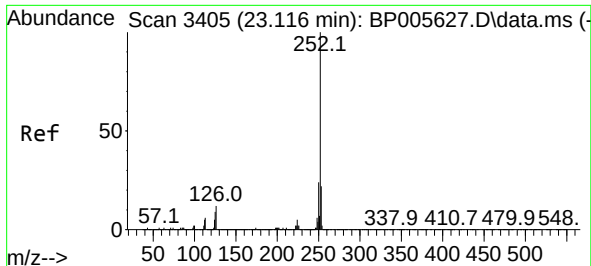
Tgt Ion:149 Resp: 211705
Ion Ratio Lower Upper
149 100
167 27.3 23.8 35.8
279 4.5 5.7 8.5#



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.857 min Scan# 3531
Delta R.T. -0.006 min
Lab File: BP005707.D
Acq: 04 Jun 2021 11:54

Tgt Ion:264 Resp: 836893
Ion Ratio Lower Upper
264 100
260 23.5 20.6 30.8
265 21.6 19.0 28.6

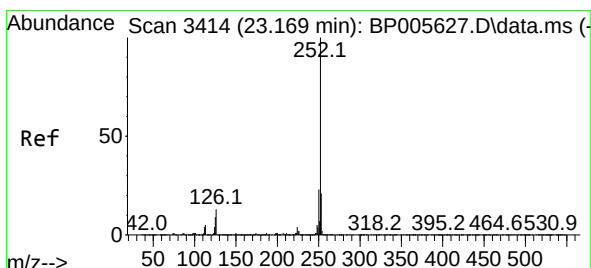
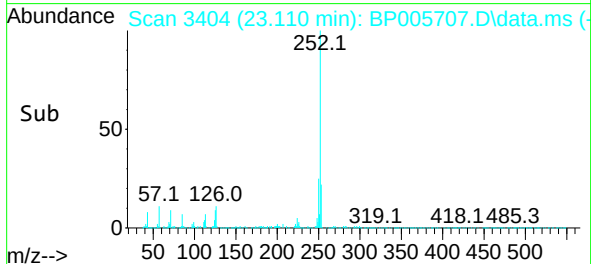
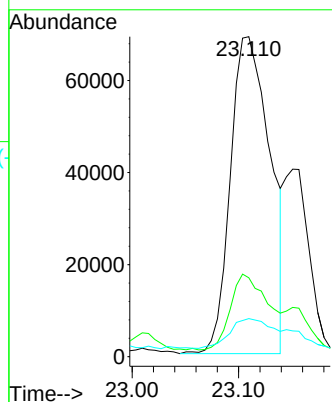
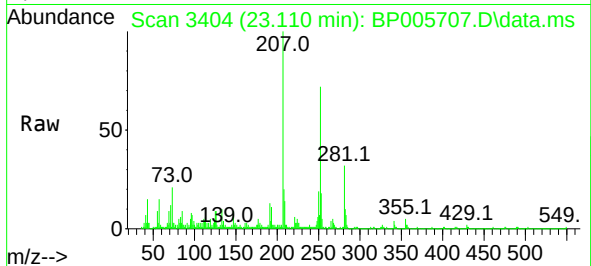




#88
Benzo(b)fluoranthene
Concen: 2.940 ng
RT: 23.110 min Scan# 3404
Delta R.T. -0.006 min
Lab File: BP005707.D
Acq: 04 Jun 2021 11:54

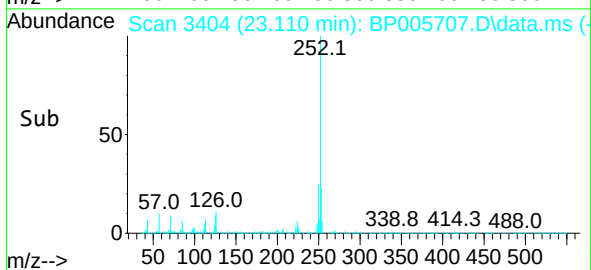
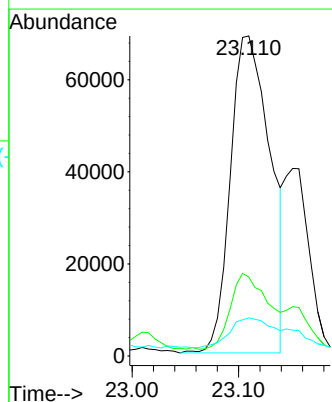
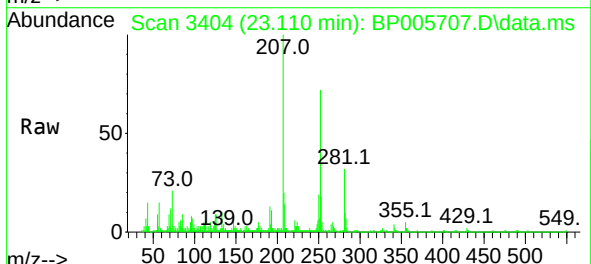
Instrument :
BNA_P
ClientSampleId :
RO-1-VNJ-201

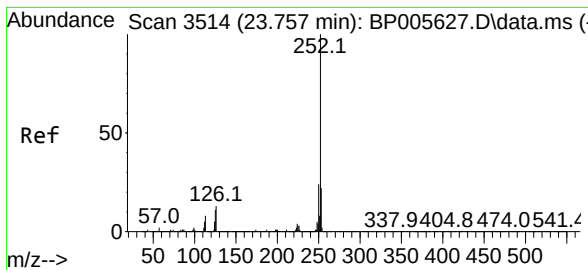
Tgt Ion:252 Resp: 178492
Ion Ratio Lower Upper
252 100
253 24.7 18.2 27.2
125 11.9 3.4 5.0#



#89
Benzo(k)fluoranthene
Concen: 3.102 ng
RT: 23.110 min Scan# 3404
Delta R.T. -0.059 min
Lab File: BP005707.D
Acq: 04 Jun 2021 11:54

Tgt Ion:252 Resp: 178492
Ion Ratio Lower Upper
252 100
253 24.7 17.2 25.8
125 11.9 3.8 5.6#





#90
 Benzo(a)pyrene
 Concen: 2.389 ng
 RT: 23.745 min Scan# 3512
 Delta R.T. -0.012 min
 Lab File: BP005707.D
 Acq: 04 Jun 2021 11:54

Instrument :
 BNA_P
 ClientSampleId :
 RO-1-VNJ-201

Tgt Ion:252 Resp: 131942
 Ion Ratio Lower Upper
 252 100
 253 23.4 17.1 25.7
 125 11.3 3.8 5.6#

