

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091620\
 Data File : BP003306.D
 Acq On : 16 Sep 2020 17:35
 Operator : CG/JU
 Sample : L4018-04
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 VNJ-229

Quant Time: Sep 16 18:15:24 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP091520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 16 13:18:39 2020
 Response via : Initial Calibration

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

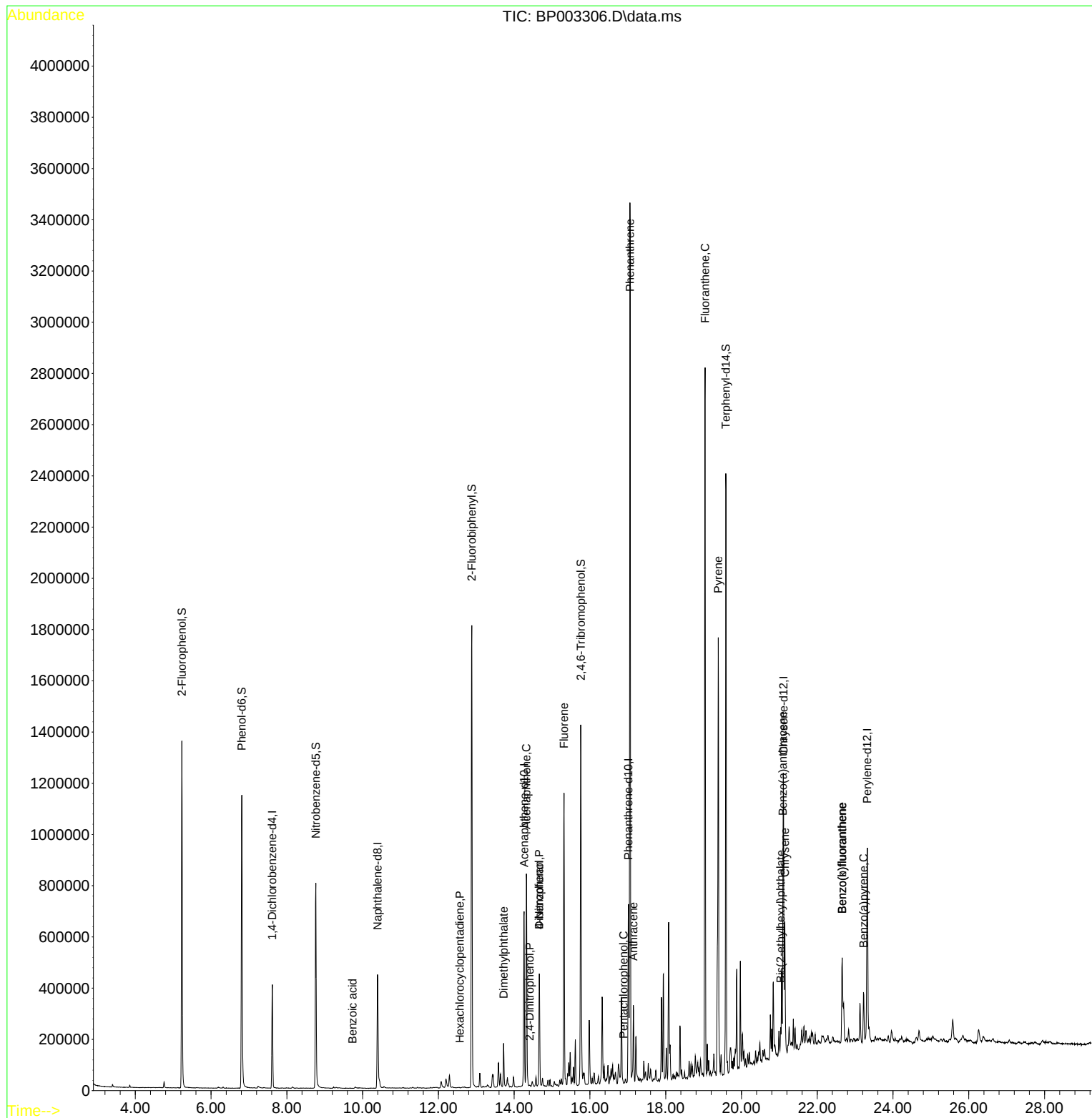
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.617	152	115816	20.00	ng	0.00
21) Naphthalene-d8	10.393	136	427743	20.00	ng	0.00
39) Acenaphthene-d10	14.263	164	236031	20.00	ng	0.00
64) Phenanthrene-d10	17.016	188	430394	20.00	ng	0.00
76) Chrysene-d12	21.110	240	404368	20.00	ng	0.00
86) Perylene-d12	23.322	264	545480	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.228	112	651069	98.16	ng	0.00
7) Phenol-d6	6.811	99	788472	89.19	ng	0.00
23) Nitrobenzene-d5	8.764	82	515048	70.74	ng	0.00
42) 2,4,6-Tribromophenol	15.757	330	279122	77.53	ng	0.00
45) 2-Fluorobiphenyl	12.881	172	1010016	62.58	ng	0.00
79) Terphenyl-d14	19.586	244	1044675	53.83	ng	0.00
Target Compounds						Qvalue
32) Benzoic acid	9.734	122	18	9.16	ng	# 1
41) Hexachlorocyclopentadiene	12.563	237	18	6.85	ng	89
50) Dimethylphthalate	13.722	163	120076	6.37	ng	99
52) Acenaphthene	14.322	154	302661	22.33	ng	99
54) 2,4-Dinitrophenol	14.404	184	21	7.26	ng	# 1
55) Dibenzofuran	14.663	168	293912	13.58	ng	96
56) 4-Nitrophenol	14.663	139	111693	41.74	ng	# 20
58) Fluorene	15.316	166	516216	30.21	ng	99
70) Pentachlorophenol	16.887	266	24	6.78	ng	89
71) Phenanthrene	17.057	178	2224483	95.00	ng	100
72) Anthracene	17.145	178	193717	8.39	ng	98
75) Fluoranthene	19.039	202	1673238	56.83	ng	99
78) Pyrene	19.386	202	1048790	41.59	ng	99
81) Benzo(a)anthracene	21.092	228	317127	12.13	ng	99
83) Chrysene	21.145	228	293735	11.70	ng	99
84) Bis(2-ethylhexyl)phtha...	21.033	149	43114	2.65	ng	100
88) Benzo(b)fluoranthene	22.657	252	267695	7.77	ng	98
89) Benzo(k)fluoranthene	22.657	252	267695	8.11	ng	98
90) Benzo(a)pyrene	23.222	252	132799	4.09	ng	99

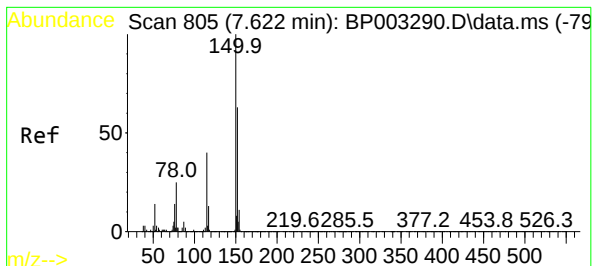
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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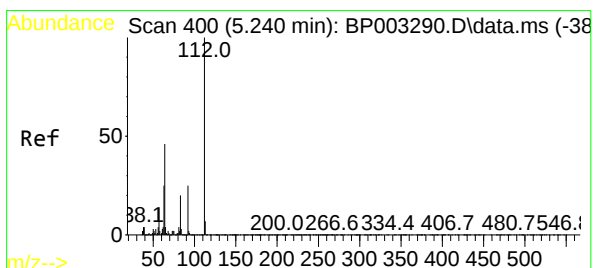
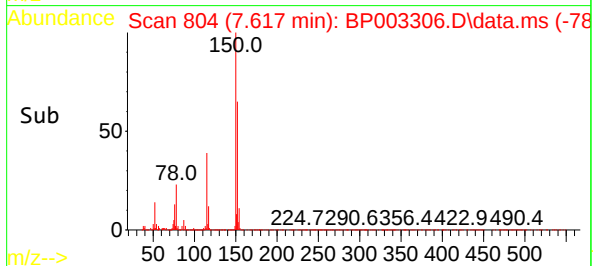
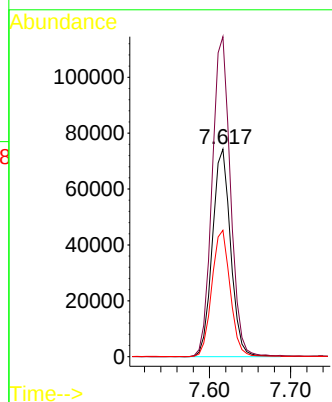
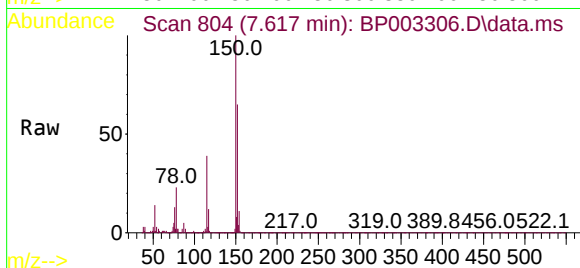




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.617 min Scan# 804
Delta R.T. 0.001 min
Lab File: BP003306.D
Acq: 16 Sep 2020 17:35

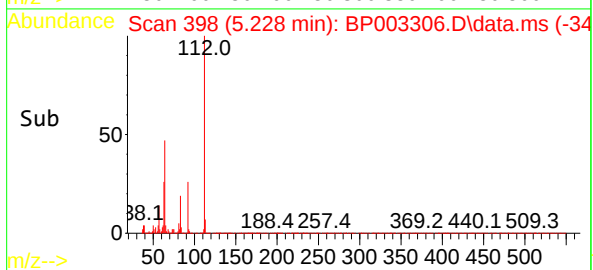
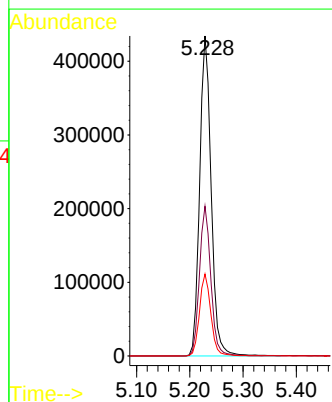
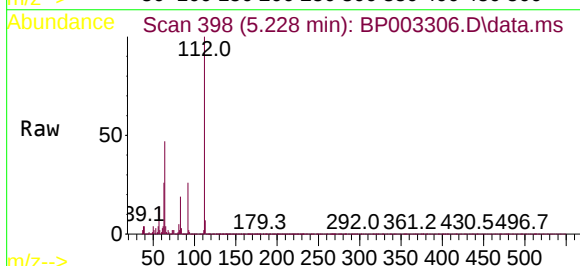
Instrument :
BNA_P
ClientSampleId :
VNJ-229

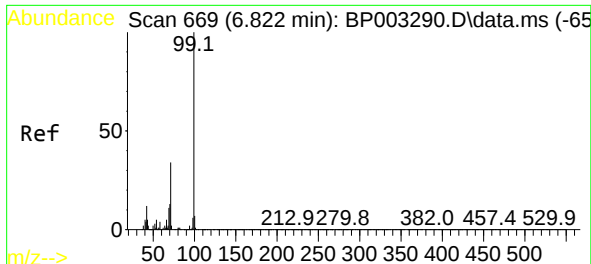
Tgt Ion:152 Resp: 115816
Ion Ratio Lower Upper
152 100
150 154.2 123.8 185.6
115 60.9 43.8 65.6



#5
2-Fluorophenol
Concen: 98.16 ng
RT: 5.228 min Scan# 398
Delta R.T. 0.000 min
Lab File: BP003306.D
Acq: 16 Sep 2020 17:35

Tgt Ion:112 Resp: 651069
Ion Ratio Lower Upper
112 100
64 46.8 32.8 49.2
63 25.6 17.0 25.4#

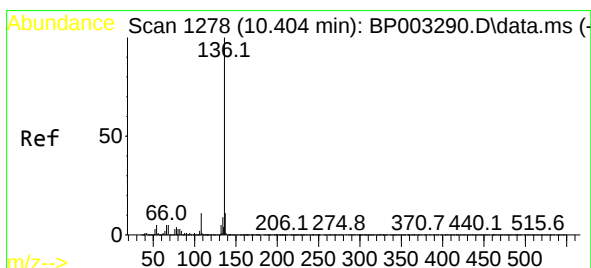
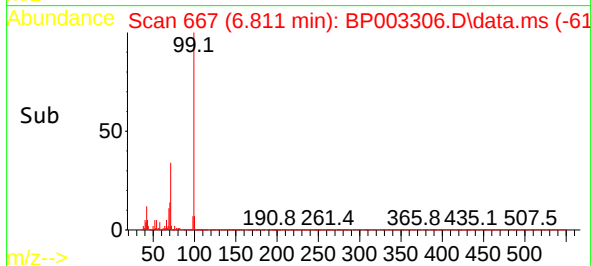
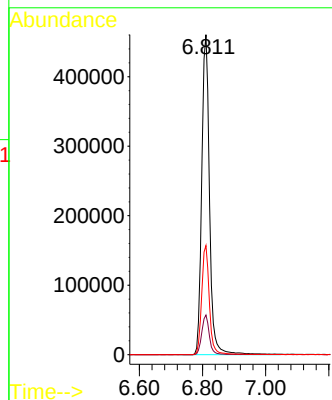
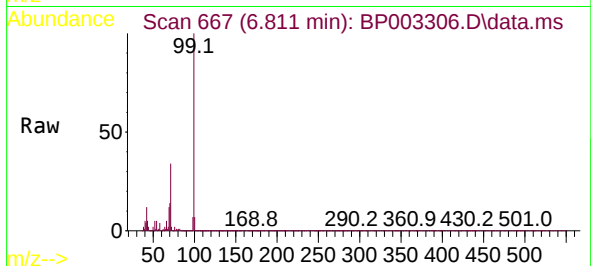




#7
Phenol-d6
Concen: 89.19 ng
RT: 6.811 min Scan# 667
Delta R.T. 0.000 min
Lab File: BP003306.D
Acq: 16 Sep 2020 17:35

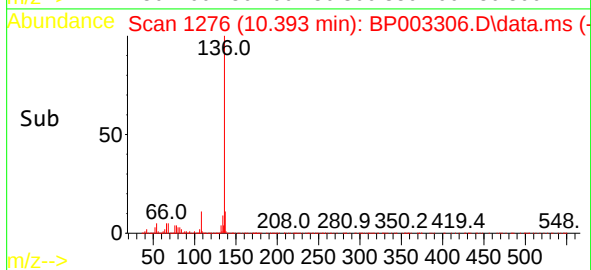
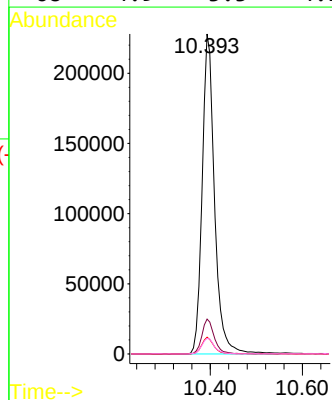
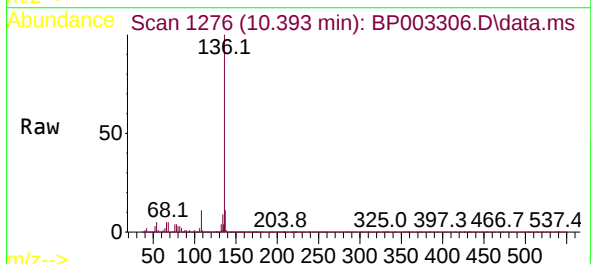
Instrument :
BNA_P
ClientSampleId :
VNJ-229

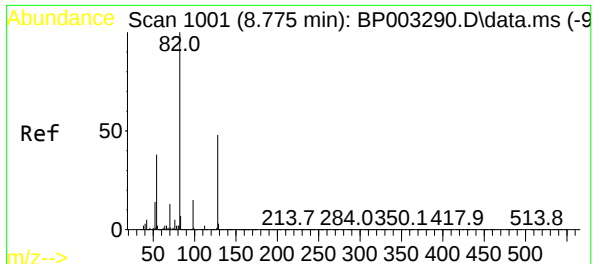
Tgt Ion: 99 Resp: 788472
Ion Ratio Lower Upper
99 100
42 12.4 8.6 13.0
71 34.1 23.4 35.2



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.393 min Scan# 1276
Delta R.T. -0.006 min
Lab File: BP003306.D
Acq: 16 Sep 2020 17:35

Tgt Ion: 136 Resp: 427743
Ion Ratio Lower Upper
136 100
137 10.9 8.6 13.0
54 5.3 3.6 5.4
68 4.9 3.3 4.9

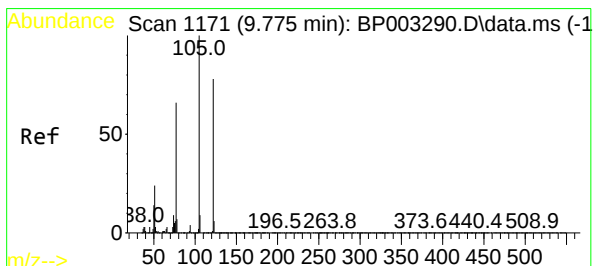
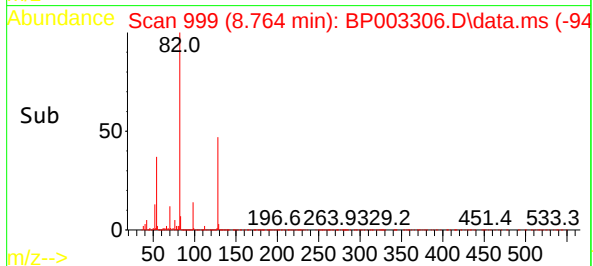
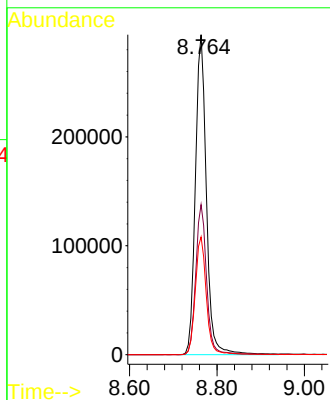
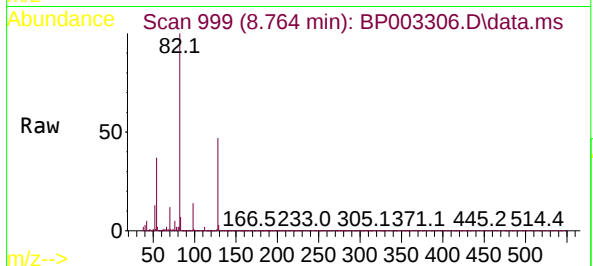




#23
Nitrobenzene-d5
Concen: 70.74 ng
RT: 8.764 min Scan# 999
Delta R.T. -0.006 min
Lab File: BP003306.D
Acq: 16 Sep 2020 17:35

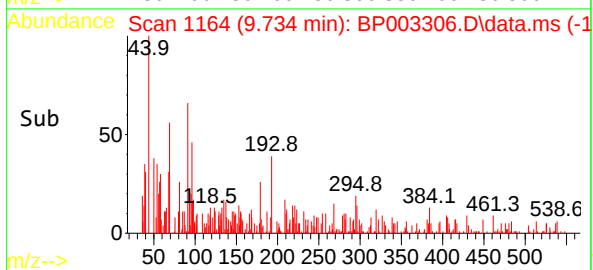
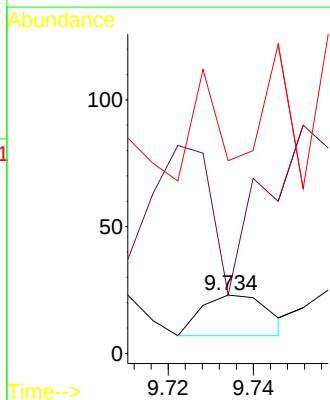
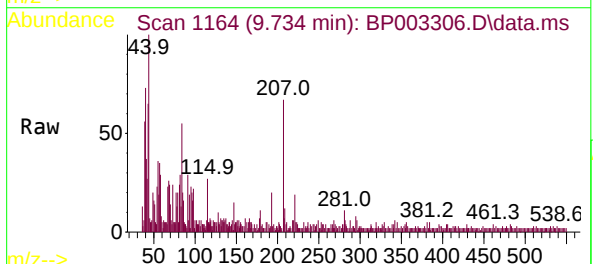
Instrument :
BNA_P
ClientSampleId :
VNJ-229

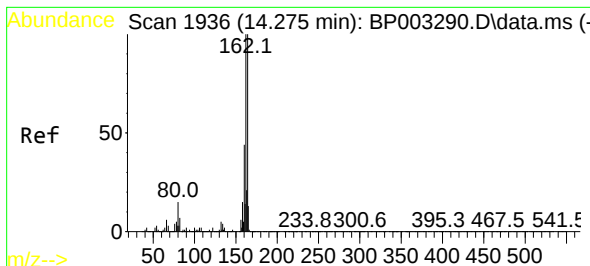
Tgt Ion: 82 Resp: 515048
Ion Ratio Lower Upper
82 100
128 46.9 45.6 68.4
54 36.8 30.1 45.1



#32
Benzoic acid
Concen: 9.16 ng
RT: 9.734 min Scan# 1164
Delta R.T. -0.023 min
Lab File: BP003306.D
Acq: 16 Sep 2020 17:35

Tgt Ion: 122 Resp: 18
Ion Ratio Lower Upper
122 100
105 100.0 94.1 134.1
77 330.4 50.1 90.1#

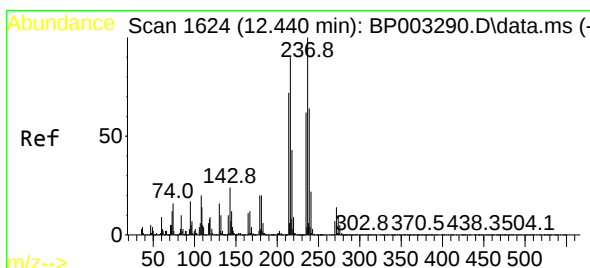
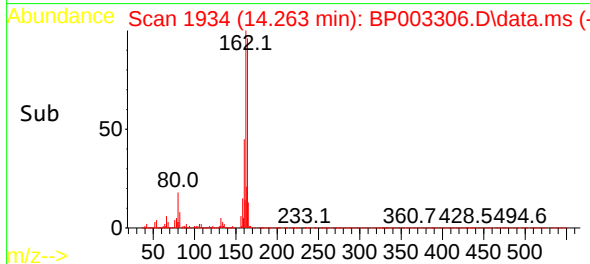
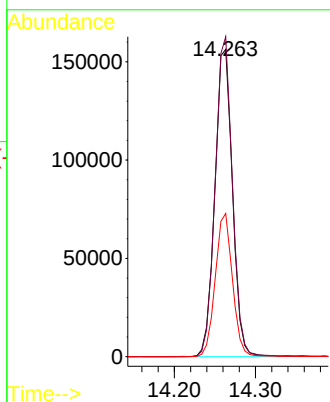
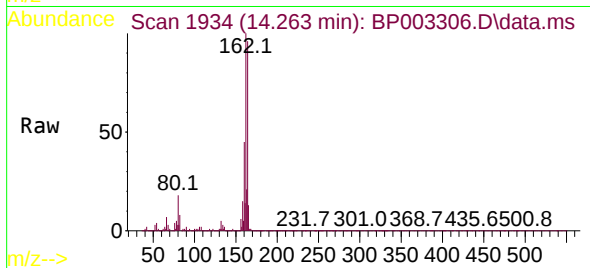




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.263 min Scan# 1934
Delta R.T. 0.000 min
Lab File: BP003306.D
Acq: 16 Sep 2020 17:35

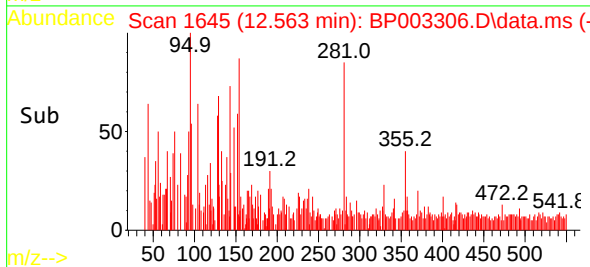
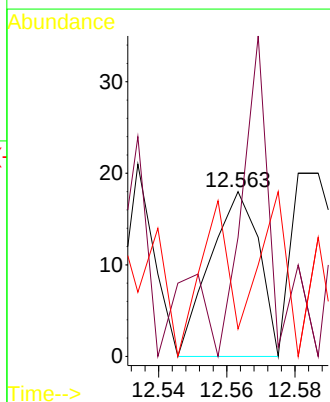
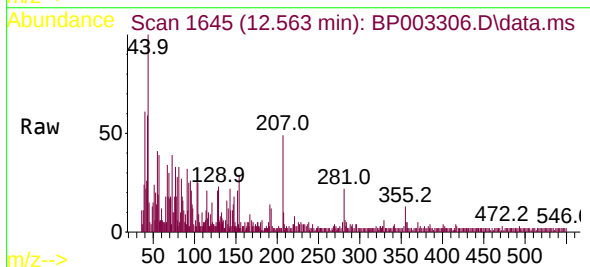
Instrument :
BNA_P
ClientSampled :
VNJ-229

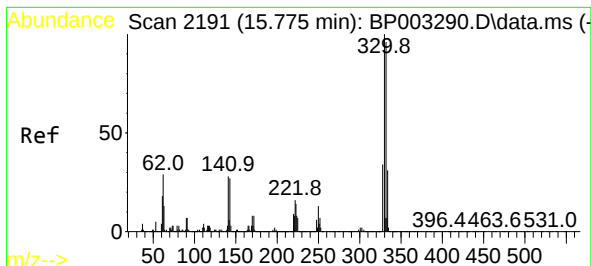
Tgt Ion:164 Resp: 236031
Ion Ratio Lower Upper
164 100
162 104.1 79.4 119.2
160 46.6 36.1 54.1



#41
Hexachlorocyclopentadiene
Concen: 6.85 ng
RT: 12.563 min Scan# 1645
Delta R.T. 0.136 min
Lab File: BP003306.D
Acq: 16 Sep 2020 17:35

Tgt Ion:237 Resp: 18
Ion Ratio Lower Upper
237 100
235 72.2 43.2 83.2
272 16.7 0.0 33.3

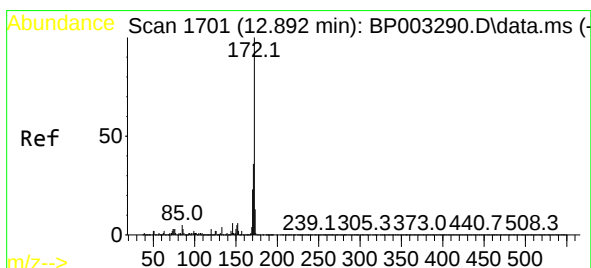
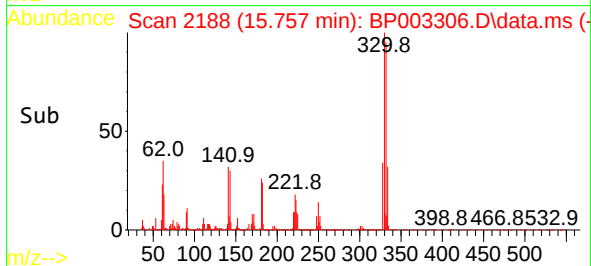
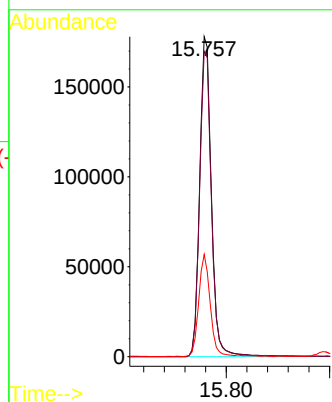
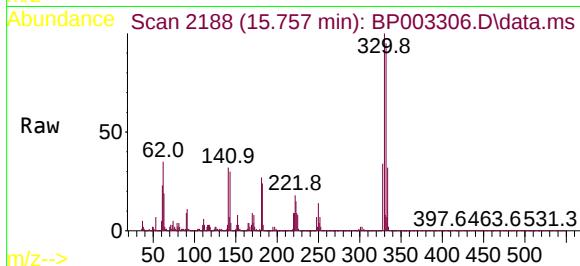




#42
2,4,6-Tribromophenol
Concen: 77.53 ng
RT: 15.757 min Scan# 2188
Delta R.T. -0.006 min
Lab File: BP003306.D
Acq: 16 Sep 2020 17:35

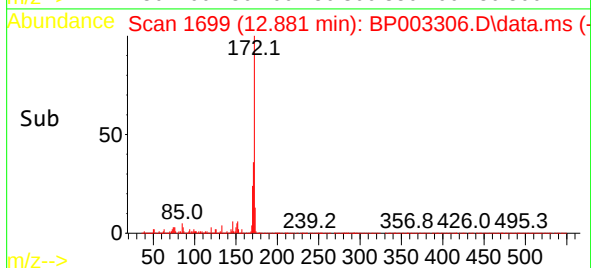
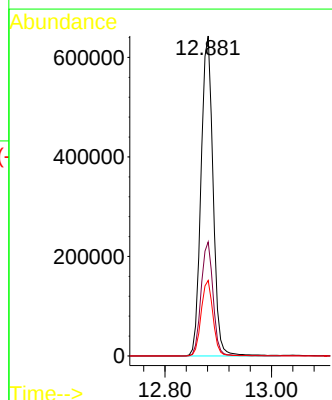
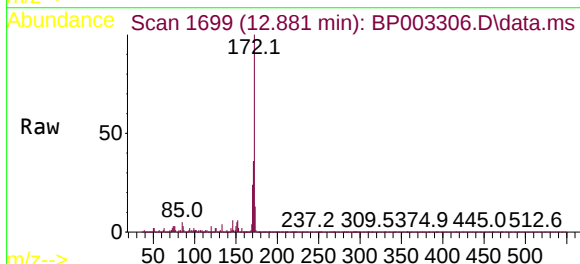
Instrument :
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ClientSampleId :
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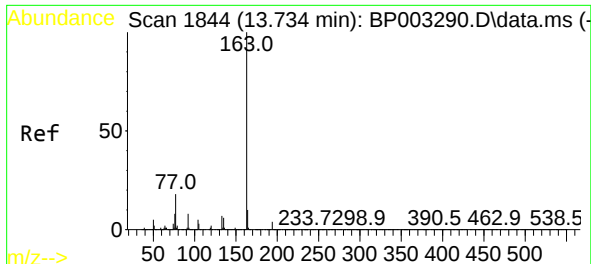
Tgt Ion:330 Resp: 279122
Ion Ratio Lower Upper
330 100
332 96.3 77.1 115.7
141 31.1 23.4 35.2



#45
2-Fluorobiphenyl
Concen: 62.58 ng
RT: 12.881 min Scan# 1699
Delta R.T. 0.000 min
Lab File: BP003306.D
Acq: 16 Sep 2020 17:35

Tgt Ion:172 Resp: 1010016
Ion Ratio Lower Upper
172 100
171 35.7 28.5 42.7
170 23.6 19.2 28.8

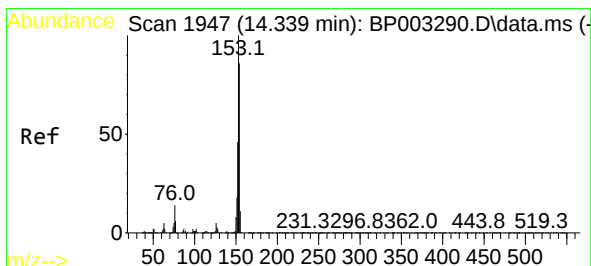
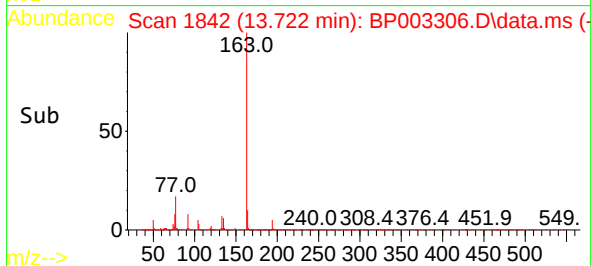
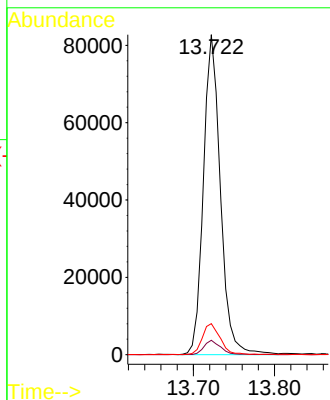
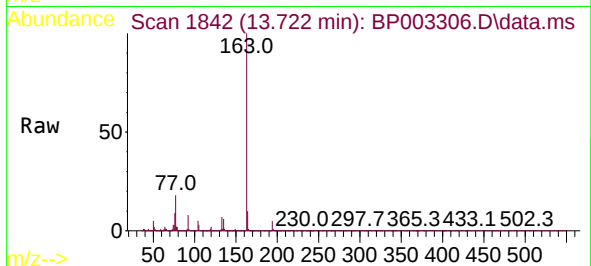




#50
Dimethylphthalate
Concen: 6.37 ng
RT: 13.722 min Scan# 1842
Delta R.T. -0.006 min
Lab File: BP003306.D
Acq: 16 Sep 2020 17:35

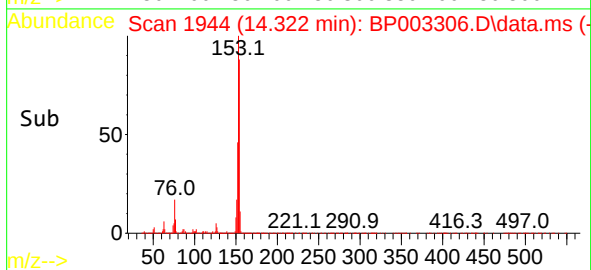
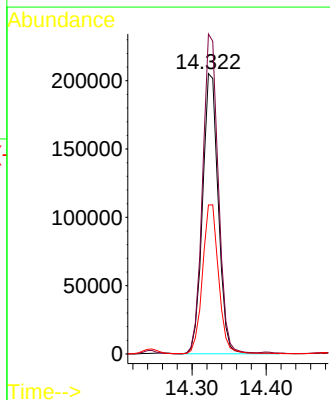
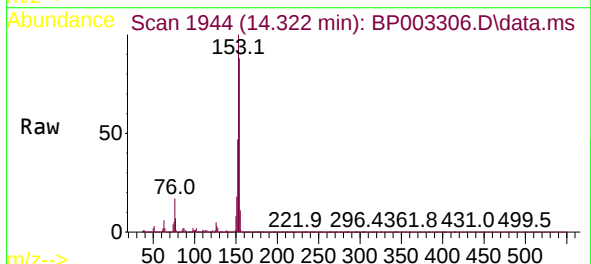
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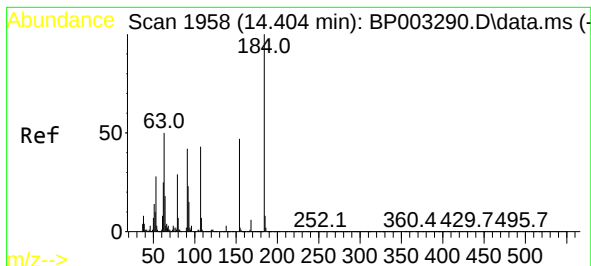
Tgt Ion:163 Resp: 120076
Ion Ratio Lower Upper
163 100
194 4.5 3.3 4.9
164 9.7 8.2 12.2



#52
Acenaphthene
Concen: 22.33 ng
RT: 14.322 min Scan# 1944
Delta R.T. -0.006 min
Lab File: BP003306.D
Acq: 16 Sep 2020 17:35

Tgt Ion:154 Resp: 302661
Ion Ratio Lower Upper
154 100
153 114.2 91.0 136.6
152 53.1 43.0 64.6

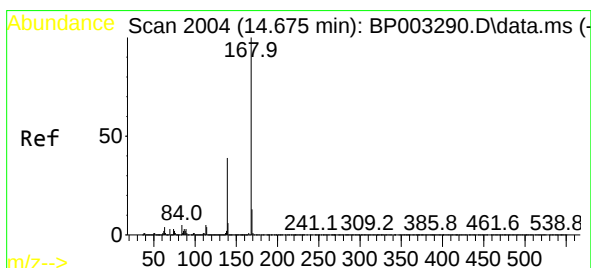
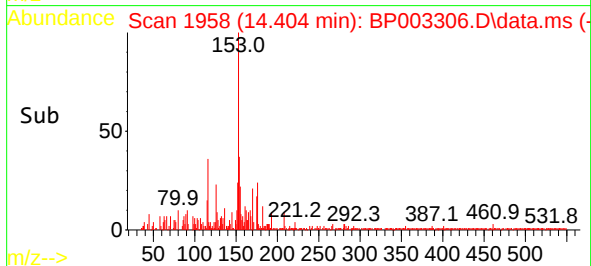
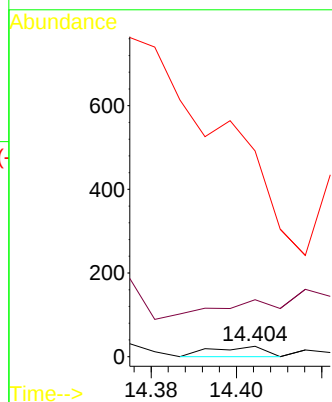
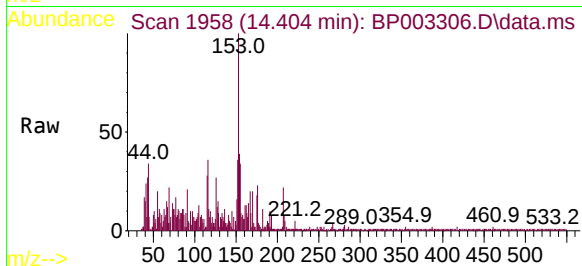




#54
2,4-Dinitrophenol
Concen: 7.26 ng
RT: 14.404 min Scan# 1958
Delta R.T. 0.006 min
Lab File: BP003306.D
Acq: 16 Sep 2020 17:35

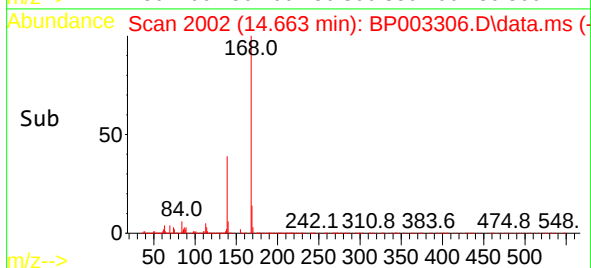
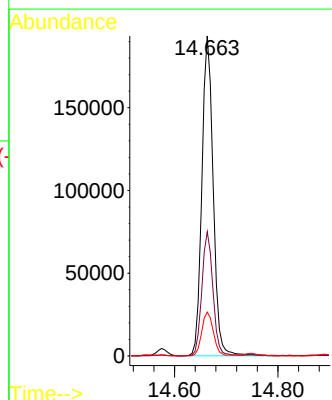
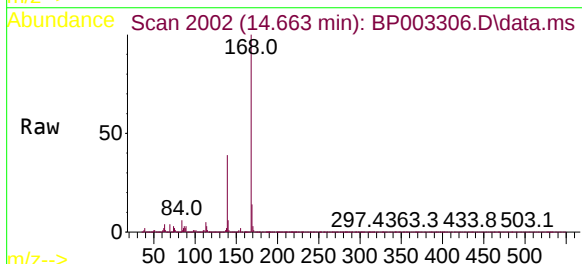
Instrument :
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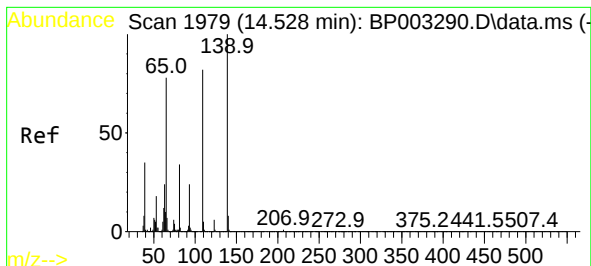
Tgt Ion:184 Resp: 21
Ion Ratio Lower Upper
184 100
63 544.0 32.3 48.5#
154 1968.0 49.1 73.7#



#55
Dibenzofuran
Concen: 13.58 ng
RT: 14.663 min Scan# 2002
Delta R.T. -0.006 min
Lab File: BP003306.D
Acq: 16 Sep 2020 17:35

Tgt Ion:168 Resp: 293912
Ion Ratio Lower Upper
168 100
139 38.9 29.1 43.7
169 13.7 10.4 15.6

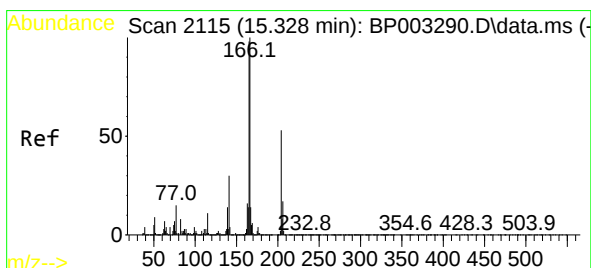
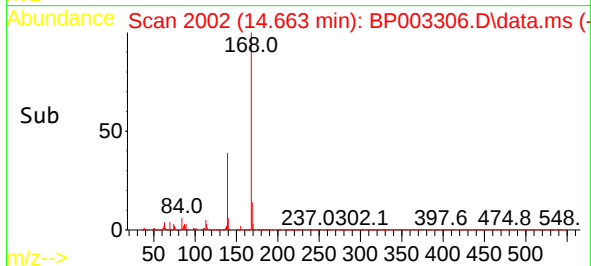
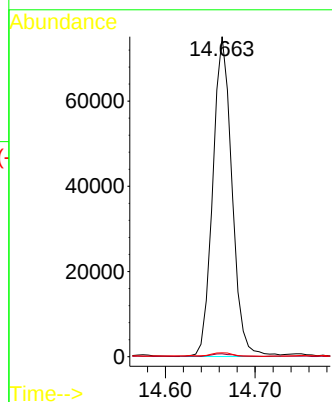
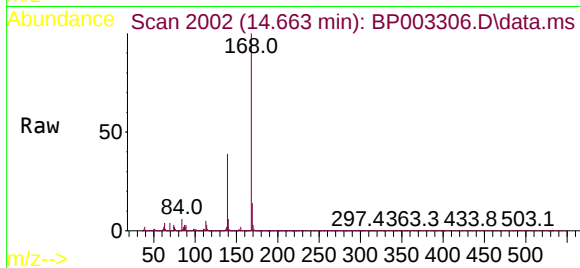




#56
4-Nitrophenol
Concen: 41.74 ng
RT: 14.663 min Scan# 2002
Delta R.T. 0.147 min
Lab File: BP003306.D
Acq: 16 Sep 2020 17:35

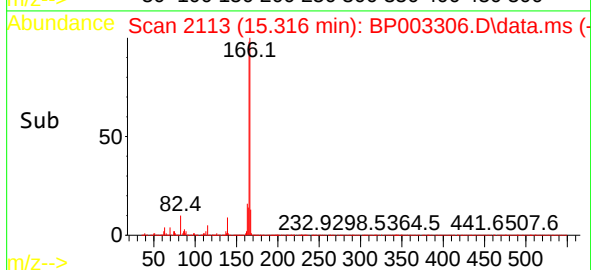
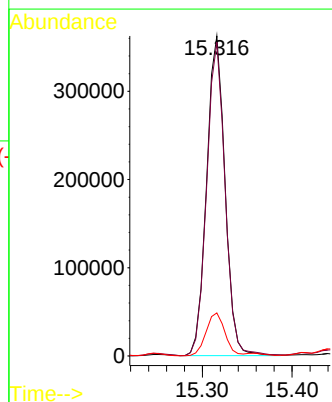
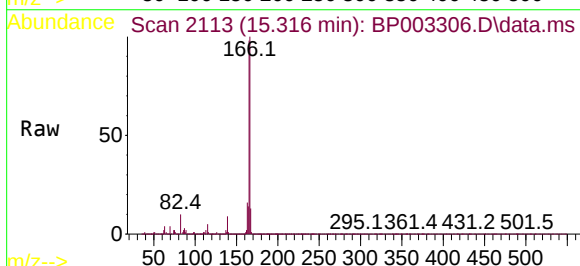
Instrument :
BNA_P
ClientSampleId :
VNJ-229

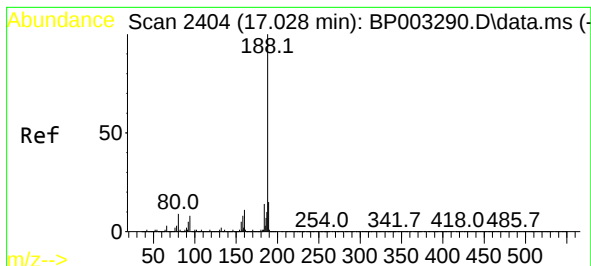
Tgt Ion:139 Resp: 111693
Ion Ratio Lower Upper
139 100
109 0.9 44.6 84.6#
65 1.2 41.6 81.6#



#58
Fluorene
Concen: 30.21 ng
RT: 15.316 min Scan# 2113
Delta R.T. 0.000 min
Lab File: BP003306.D
Acq: 16 Sep 2020 17:35

Tgt Ion:166 Resp: 516216
Ion Ratio Lower Upper
166 100
165 98.0 77.8 116.8
167 13.5 11.0 16.4

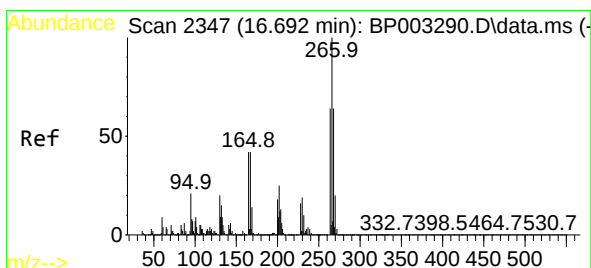
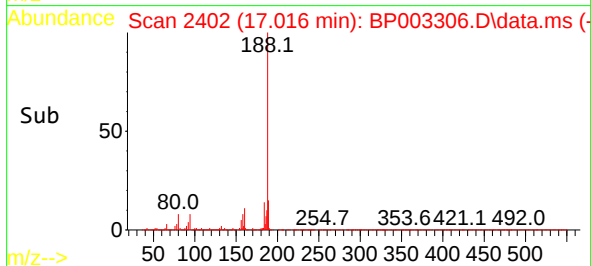
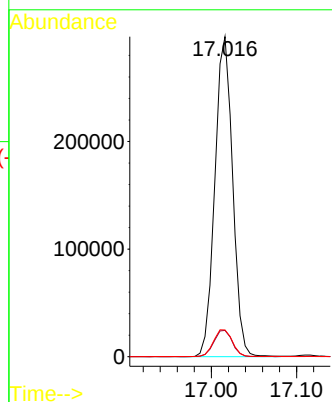
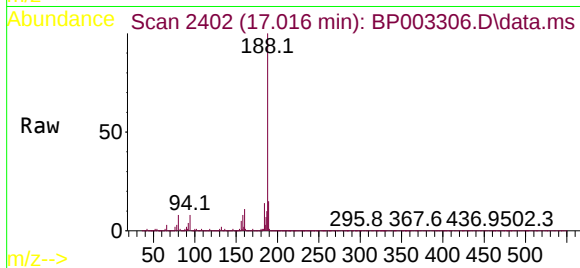




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.016 min Scan# 2402
Delta R.T. 0.000 min
Lab File: BP003306.D
Acq: 16 Sep 2020 17:35

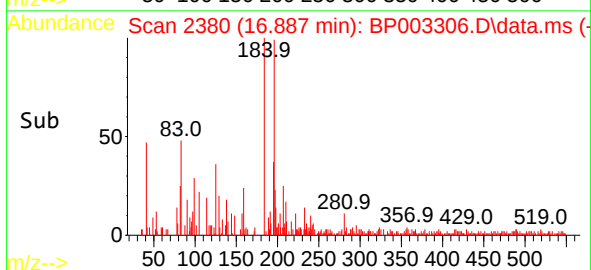
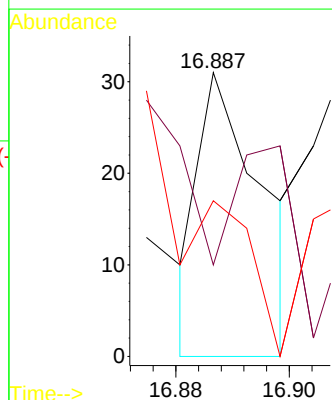
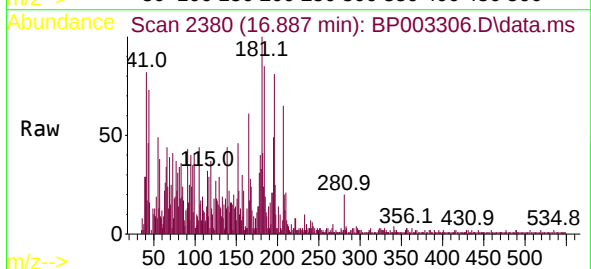
Instrument :
BNA_P
ClientSampled :
VNJ-229

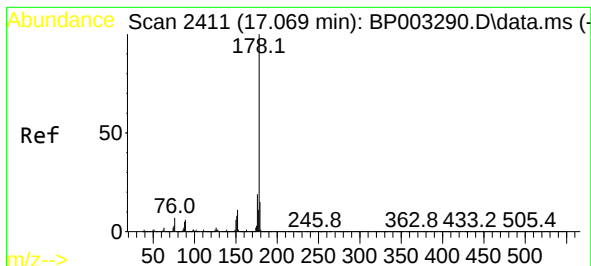
Tgt Ion:188 Resp: 430394
Ion Ratio Lower Upper
188 100
94 8.2 6.2 9.2
80 8.3 6.2 9.2



#70
Pentachlorophenol
Concen: 6.78 ng
RT: 16.887 min Scan# 2380
Delta R.T. 0.200 min
Lab File: BP003306.D
Acq: 16 Sep 2020 17:35

Tgt Ion:266 Resp: 24
Ion Ratio Lower Upper
266 100
268 54.8 51.1 76.7
264 71.0 50.6 76.0

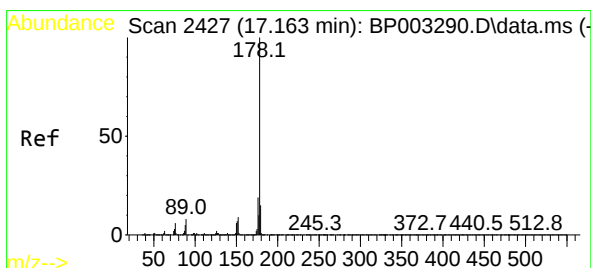
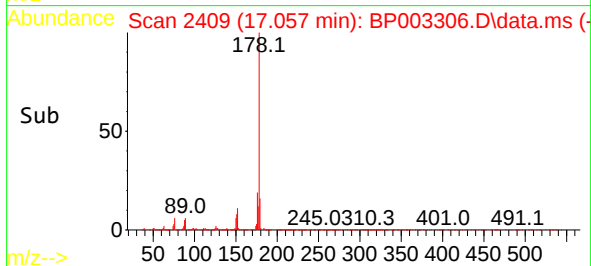
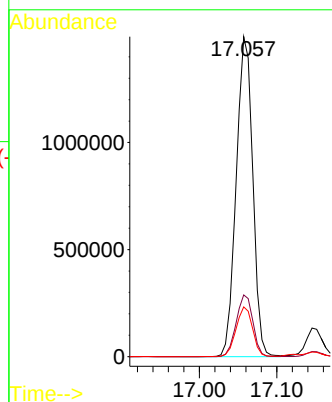
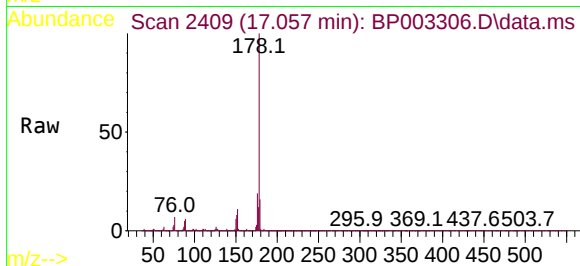




#71
Phenanthrene
Concen: 95.00 ng
RT: 17.057 min Scan# 2409
Delta R.T. -0.006 min
Lab File: BP003306.D
Acq: 16 Sep 2020 17:35

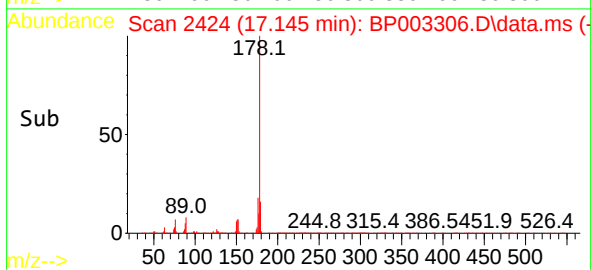
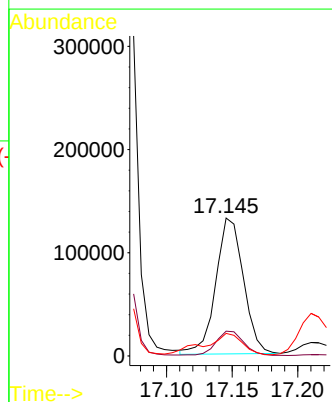
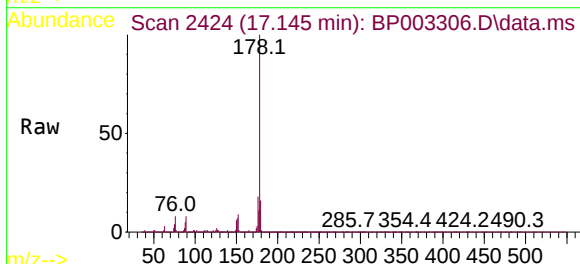
Instrument :
BNA_P
ClientSampleId :
VNJ-229

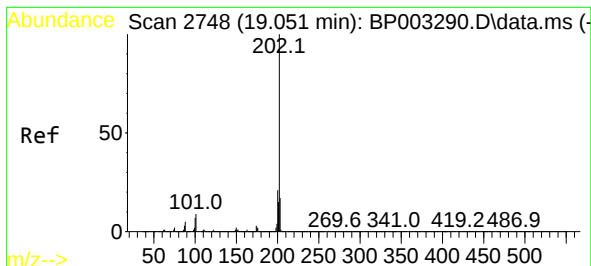
Tgt Ion:178 Resp: 2224483
Ion Ratio Lower Upper
178 100
176 19.3 15.3 22.9
179 15.6 12.5 18.7



#72
Anthracene
Concen: 8.39 ng
RT: 17.145 min Scan# 2424
Delta R.T. -0.006 min
Lab File: BP003306.D
Acq: 16 Sep 2020 17:35

Tgt Ion:178 Resp: 193717
Ion Ratio Lower Upper
178 100
176 18.0 15.0 22.4
179 16.3 12.5 18.7

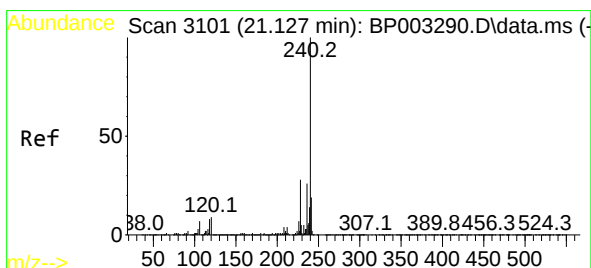
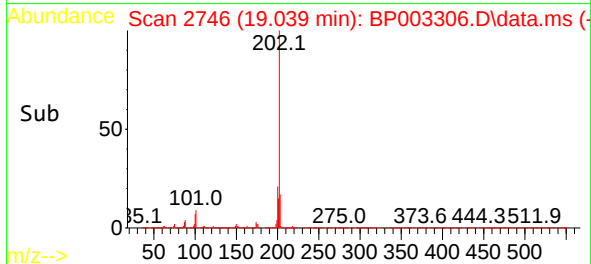
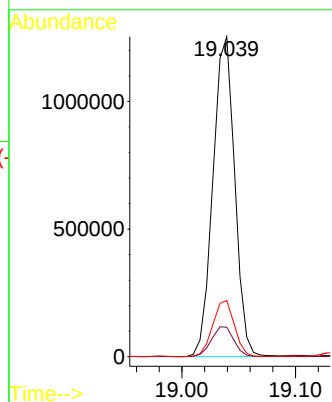
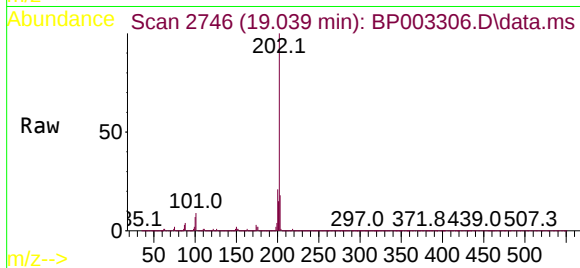




#75
Fluoranthene
Concen: 56.83 ng
RT: 19.039 min Scan# 2746
Delta R.T. 0.000 min
Lab File: BP003306.D
Acq: 16 Sep 2020 17:35

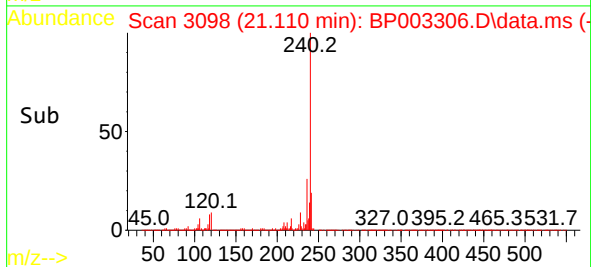
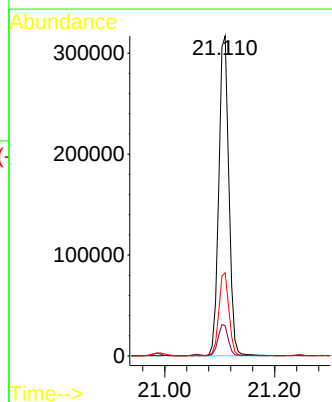
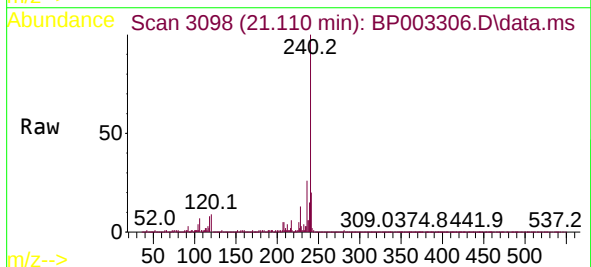
Instrument :
BNA_P
ClientSampleId :
VNJ-229

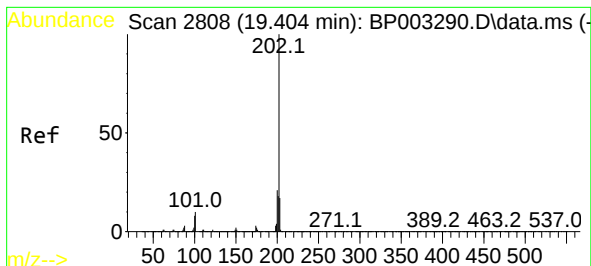
Tgt Ion:202 Resp: 1673238
Ion Ratio Lower Upper
202 100
101 9.2 0.0 29.4
203 17.5 0.0 37.8



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.110 min Scan# 3098
Delta R.T. 0.000 min
Lab File: BP003306.D
Acq: 16 Sep 2020 17:35

Tgt Ion:240 Resp: 404368
Ion Ratio Lower Upper
240 100
120 9.5 7.8 11.6
236 26.0 20.8 31.2





#78

Pyrene

Concen: 41.59 ng

RT: 19.386 min Scan# 2805

Delta R.T. -0.006 min

Lab File: BP003306.D

Acq: 16 Sep 2020 17:35

Instrument :

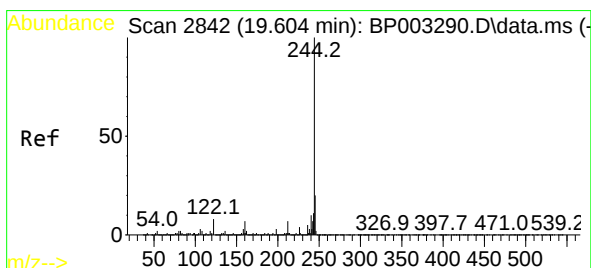
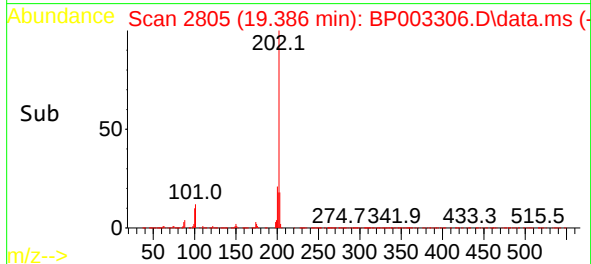
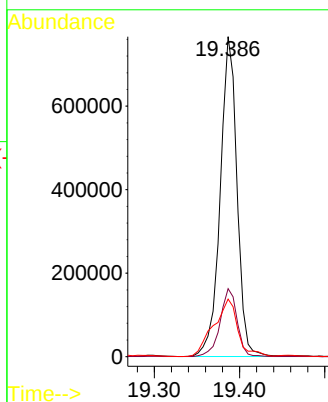
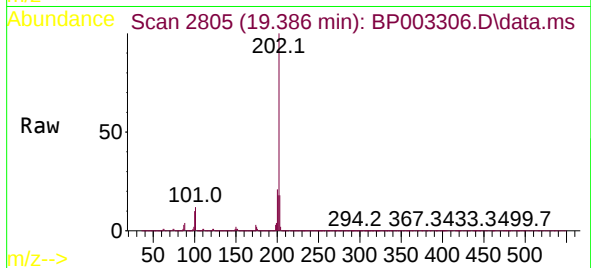
BNA_P

ClientSampleId :

VNJ-229

Tgt Ion:202 Resp: 1048790

Ion	Ratio	Lower	Upper
202	100		
200	21.2	17.1	25.7
203	18.0	14.2	21.2



#79

Terphenyl-d14

Concen: 53.83 ng

RT: 19.586 min Scan# 2839

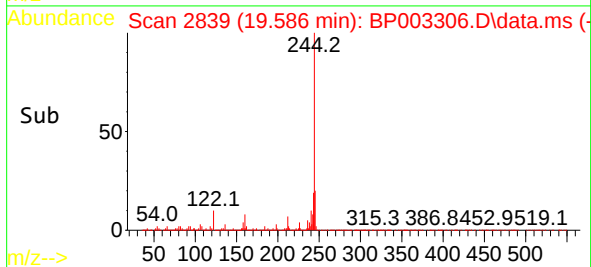
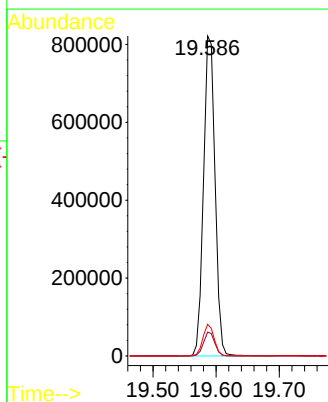
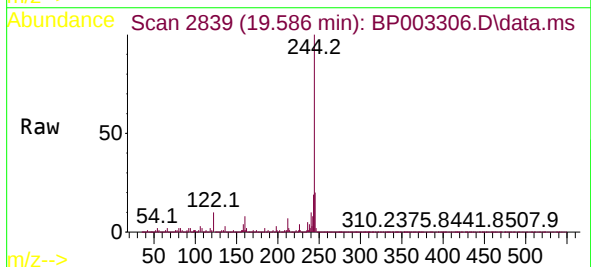
Delta R.T. -0.006 min

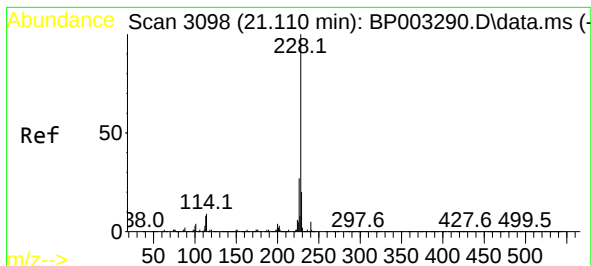
Lab File: BP003306.D

Acq: 16 Sep 2020 17:35

Tgt Ion:244 Resp: 1044675

Ion	Ratio	Lower	Upper
244	100		
212	7.5	5.8	8.6
122	9.9	7.8	11.8





#81

Benzo(a)anthracene

Concen: 12.13 ng

RT: 21.092 min Scan# 3095

Delta R.T. -0.006 min

Lab File: BP003306.D

Acq: 16 Sep 2020 17:35

Instrument :

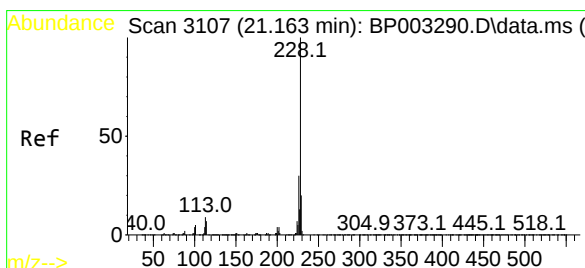
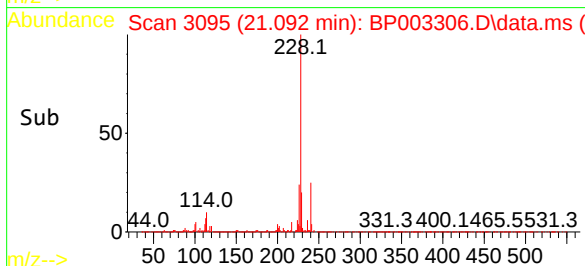
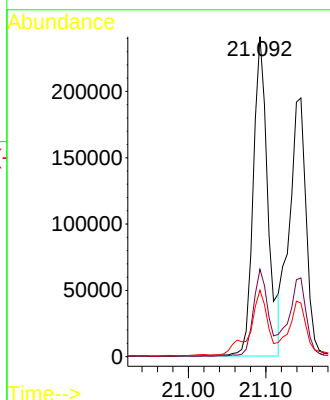
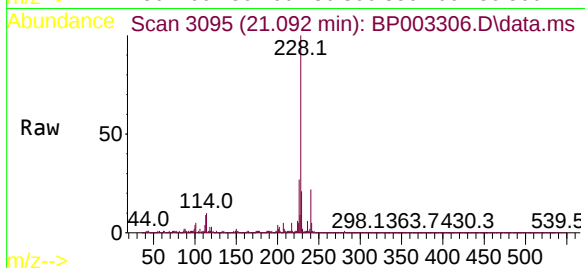
BNA_P

ClientSampleId :

VNJ-229

Tgt Ion:228 Resp: 317127

Ion	Ratio	Lower	Upper
228	100		
226	27.3	22.1	33.1
229	20.8	15.9	23.9



#83

Chrysene

Concen: 11.70 ng

RT: 21.145 min Scan# 3104

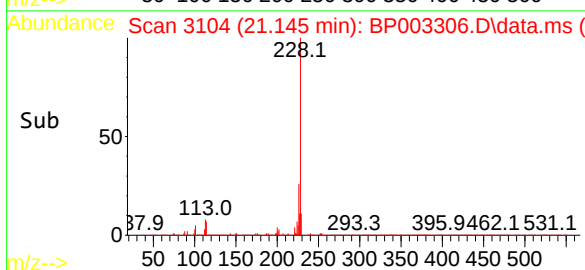
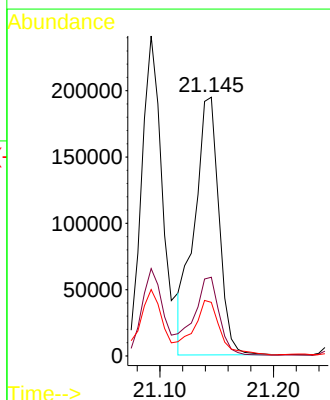
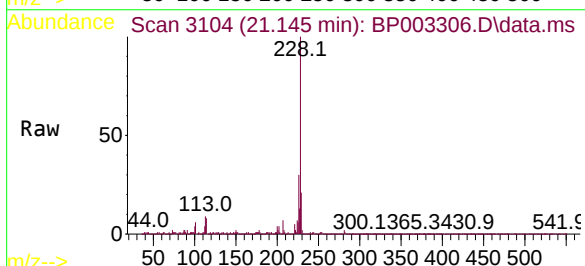
Delta R.T. -0.006 min

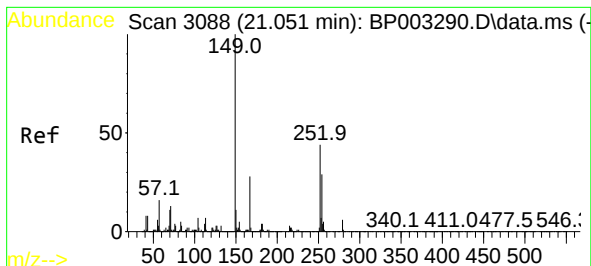
Lab File: BP003306.D

Acq: 16 Sep 2020 17:35

Tgt Ion:228 Resp: 293735

Ion	Ratio	Lower	Upper
228	100		
226	30.5	24.4	36.6
229	20.7	15.8	23.6

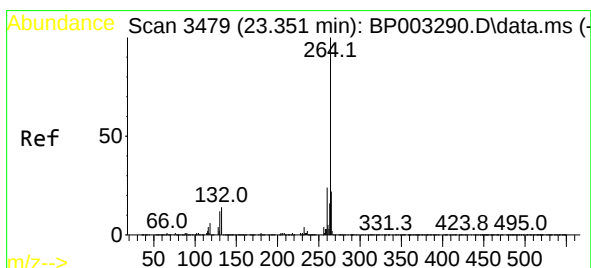
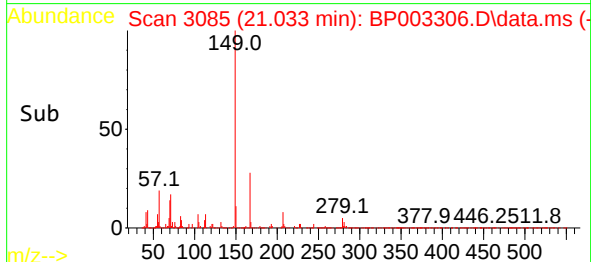
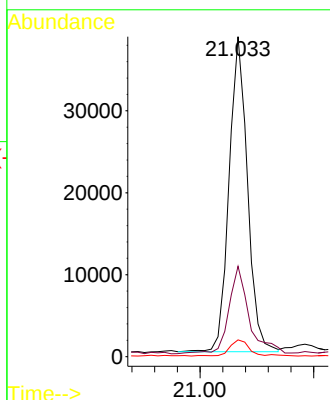
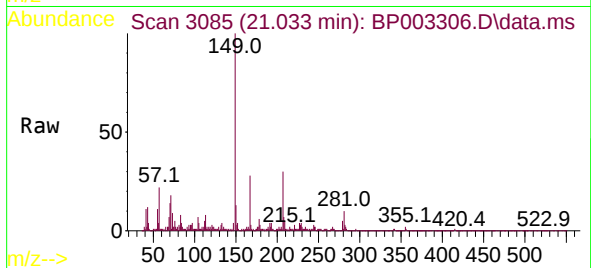




#84
Bis(2-ethylhexyl)phthalate
Concen: 2.65 ng
RT: 21.033 min Scan# 3085
Delta R.T. -0.006 min
Lab File: BP003306.D
Acq: 16 Sep 2020 17:35

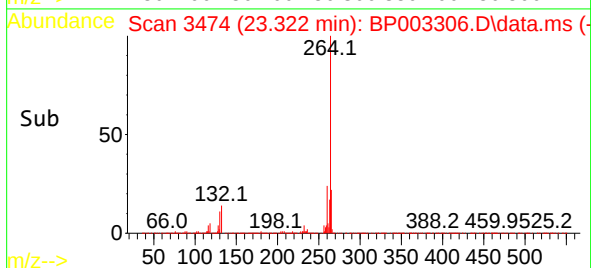
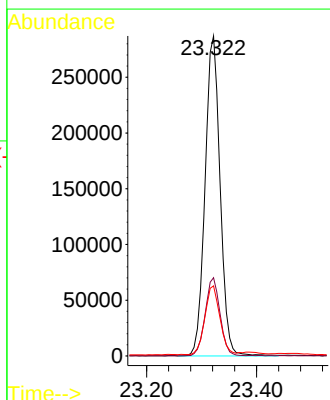
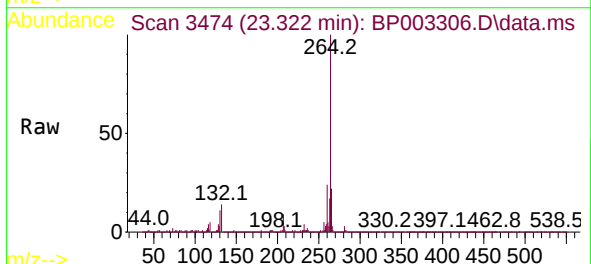
Instrument :
BNA_P
ClientSampled :
VNJ-229

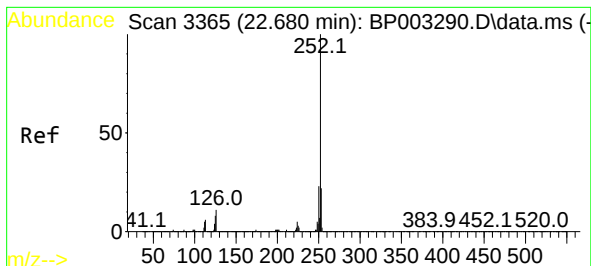
Tgt Ion:149 Resp: 43114
Ion Ratio Lower Upper
149 100
167 28.3 22.6 34.0
279 5.3 4.2 6.2



#86
Perylene-d12
Concen: 20.00 ng
RT: 23.322 min Scan# 3474
Delta R.T. -0.006 min
Lab File: BP003306.D
Acq: 16 Sep 2020 17:35

Tgt Ion:264 Resp: 545480
Ion Ratio Lower Upper
264 100
260 24.5 18.8 28.2
265 21.9 17.4 26.2

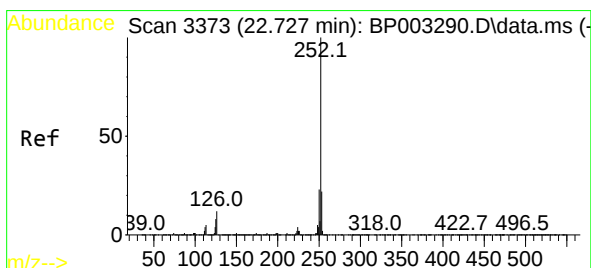
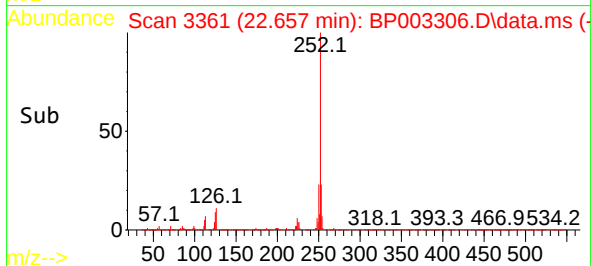
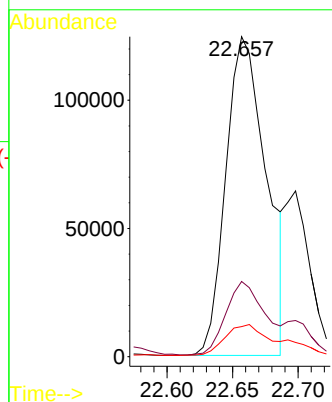
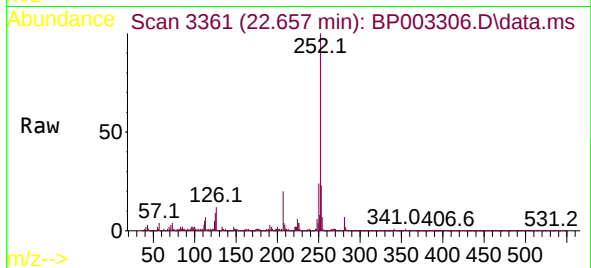




#88
Benzo(b)fluoranthene
Concen: 7.77 ng
RT: 22.657 min Scan# 3361
Delta R.T. -0.006 min
Lab File: BP003306.D
Acq: 16 Sep 2020 17:35

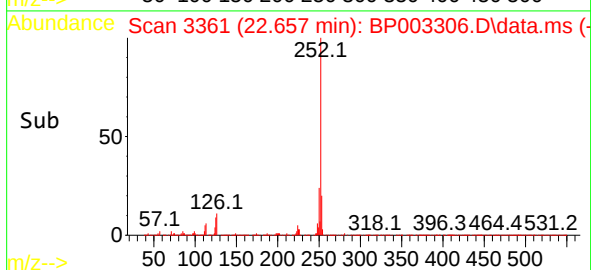
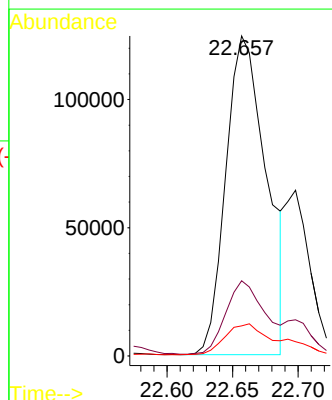
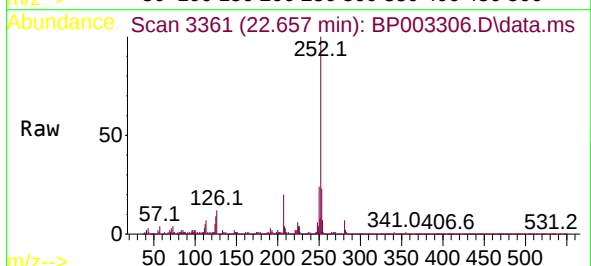
Instrument :
BNA_P
ClientSampled :
VNJ-229

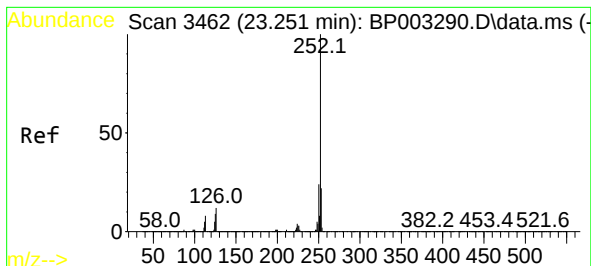
Tgt Ion:252 Resp: 267695
Ion Ratio Lower Upper
252 100
253 23.5 17.6 26.4
125 9.4 7.3 10.9



#89
Benzo(k)fluoranthene
Concen: 8.11 ng
RT: 22.657 min Scan# 3361
Delta R.T. -0.047 min
Lab File: BP003306.D
Acq: 16 Sep 2020 17:35

Tgt Ion:252 Resp: 267695
Ion Ratio Lower Upper
252 100
253 23.5 17.8 26.8
125 9.4 7.4 11.2





#90

Benzo(a)pyrene

Concen: 4.09 ng

RT: 23.222 min Scan# 3457

Delta R.T. -0.011 min

Lab File: BP003306.D

Acq: 16 Sep 2020 17:35

Tgt Ion:252 Resp: 132799

Ion Ratio Lower Upper

252 100

253 22.6 17.4 26.0

125 10.4 8.2 12.4

