

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100220\
 Data File : BP003459.D
 Acq On : 02 Oct 2020 14:41
 Operator : CG/JU
 Sample : L4198-01
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 RO-15

Quant Time: Oct 02 16:37:26 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP091520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 02 11:17:24 2020
 Response via : Initial Calibration

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

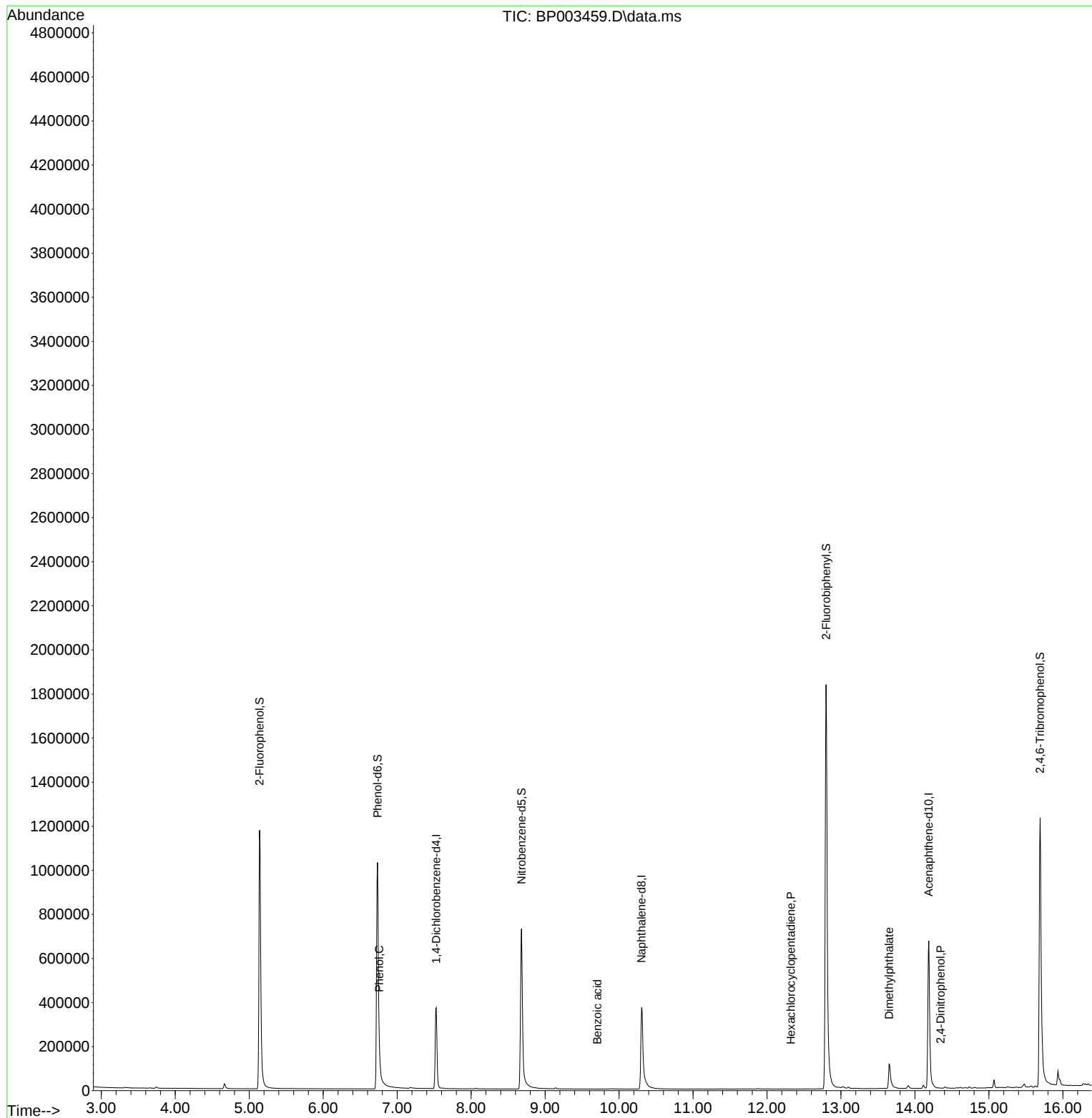
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.528	152	107364	20.00	ng	0.00
21) Naphthalene-d8	10.305	136	436381	20.00	ng	# 0.00
39) Acenaphthene-d10	14.187	164	270008	20.00	ng	0.00
64) Phenanthrene-d10	16.945	188	585718	20.00	ng	# 0.00
76) Chrysene-d12	21.045	240	642462	20.00	ng	0.00
86) Perylene-d12	23.233	264	665384	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.140	112	631877	102.77	ng	0.00
7) Phenol-d6	6.734	99	810688	98.92	ng	0.00
23) Nitrobenzene-d5	8.681	82	556236	74.88	ng	0.00
42) 2,4,6-Tribromophenol	15.692	330	313200	76.05	ng	0.00
45) 2-Fluorobiphenyl	12.799	172	1222828	66.24	ng	0.00
79) Terphenyl-d14	19.528	244	1783922	57.85	ng	0.00
Target Compounds						
						Qvalue
10) Phenol	6.758	94	17327	2.21	ng	# 28
32) Benzoic acid	9.705	122	70	9.17	ng	# 52
41) Hexachlorocyclopentadiene	12.322	237	14	6.84	ng	97
50) Dimethylphthalate	13.651	163	108662	5.04	ng	100
54) 2,4-Dinitrophenol	14.345	184	19	7.26	ng	# 1
70) Pentachlorophenol	16.687	266	353	6.86	ng	95
75) Fluoranthene	18.975	202	245892	6.14	ng	98
78) Pyrene	19.328	202	170168	4.25	ng	99
81) Benzo(a)anthracene	21.033	228	145867	3.51	ng	100
83) Chrysene	21.086	228	153799	3.85	ng	98
88) Benzo(b)fluoranthene	22.580	252	226555	5.39	ng	98
89) Benzo(k)fluoranthene	22.580	252	226555	5.63	ng	99
90) Benzo(a)pyrene	23.139	252	116783	2.95	ng	98

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

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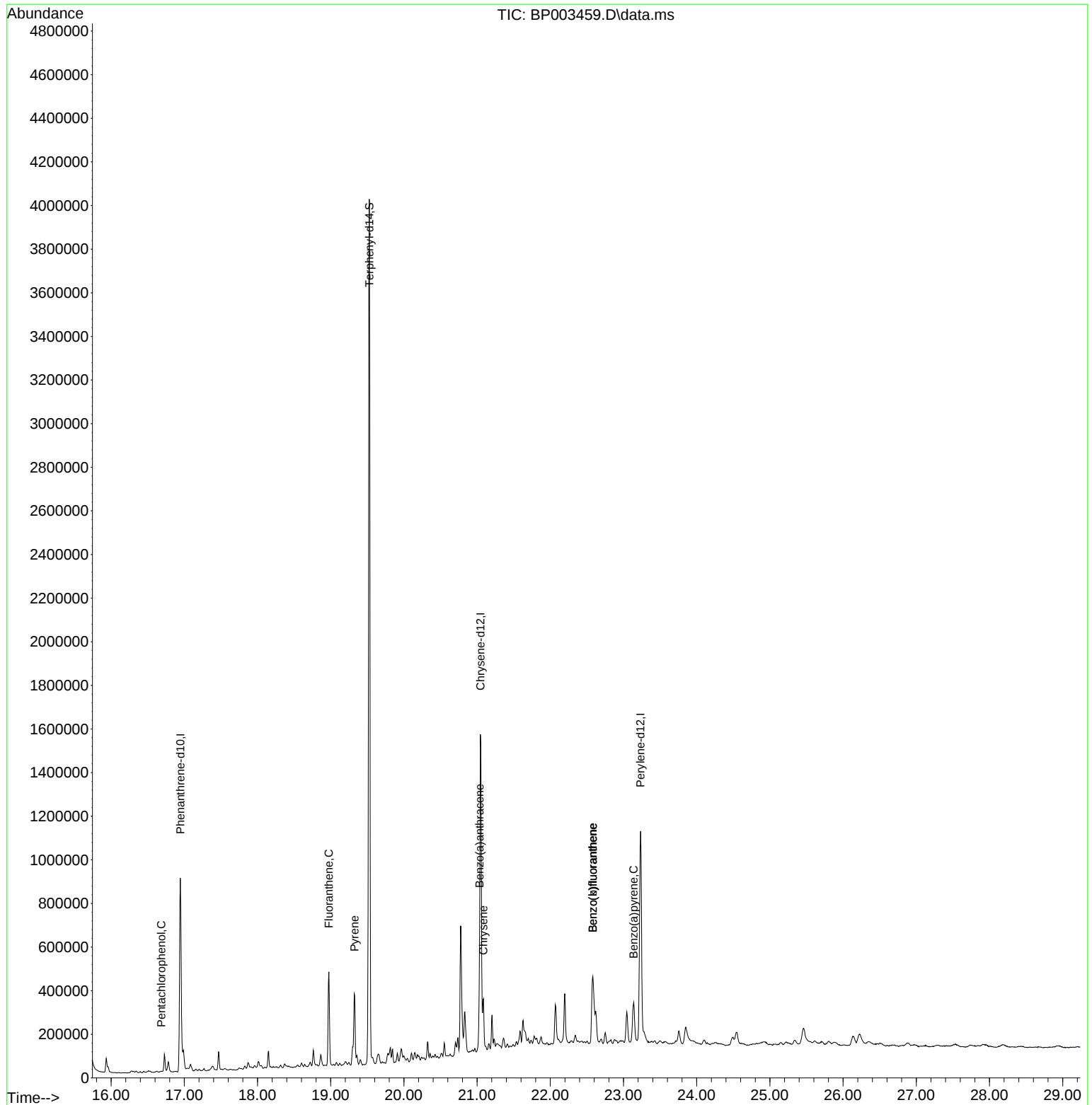
Quant Time: Oct 02 16:37:26 2020
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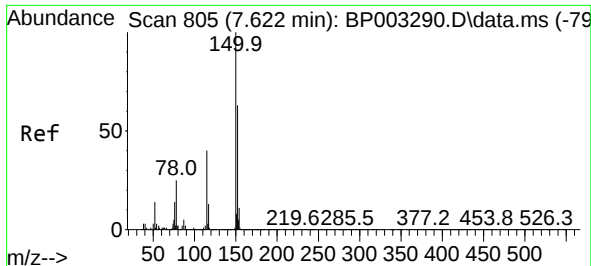


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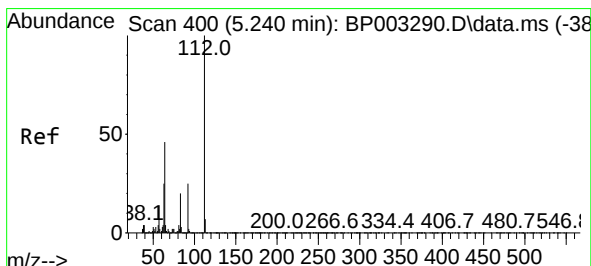
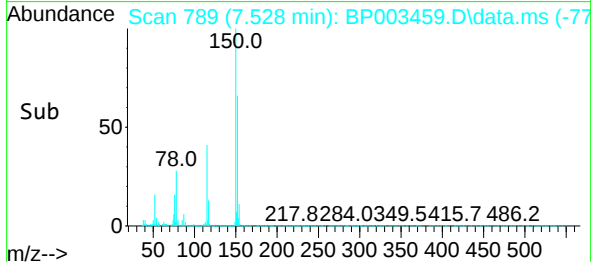
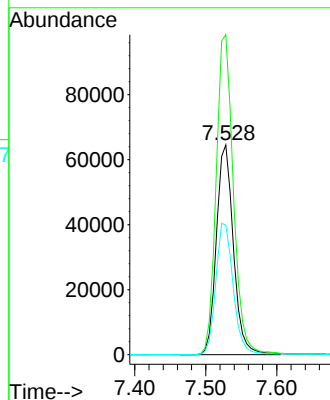
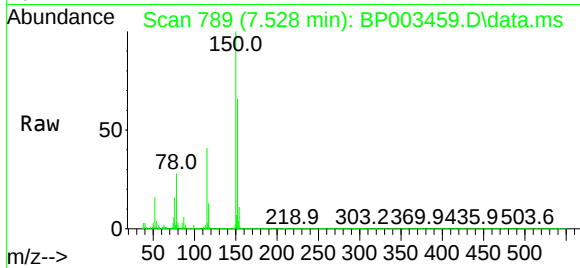




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.528 min Scan# 789
Delta R.T. 0.000 min
Lab File: BP003459.D
Acq: 02 Oct 2020 14:41

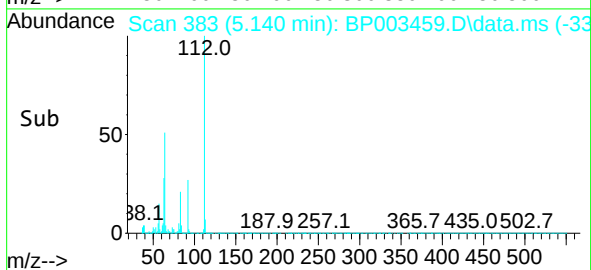
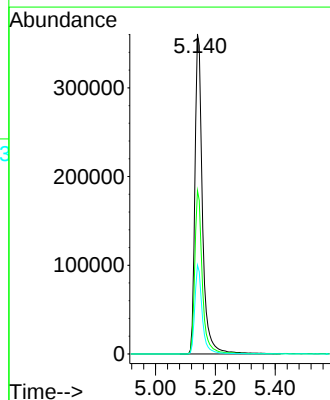
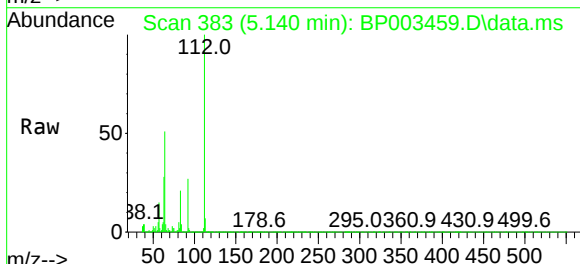
Instrument :
BNA_P
ClientSampleId :
RO-15

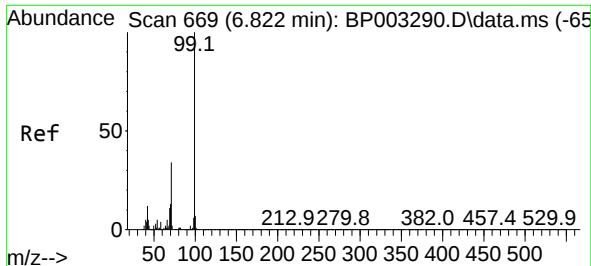
Tgt Ion:152 Resp: 107364
Ion Ratio Lower Upper
152 100
150 152.5 123.8 185.6
115 61.8 43.8 65.6



#5
2-Fluorophenol
Concen: 102.77 ng
RT: 5.140 min Scan# 383
Delta R.T. 0.000 min
Lab File: BP003459.D
Acq: 02 Oct 2020 14:41

Tgt Ion:112 Resp: 631877
Ion Ratio Lower Upper
112 100
64 51.0 32.8 49.2#
63 27.7 17.0 25.4#

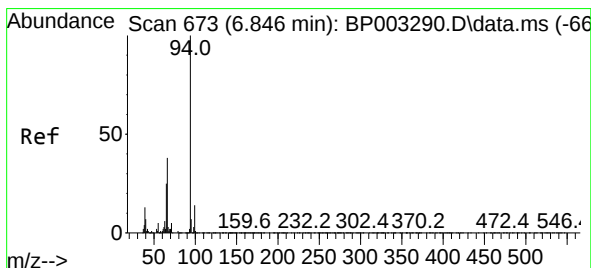
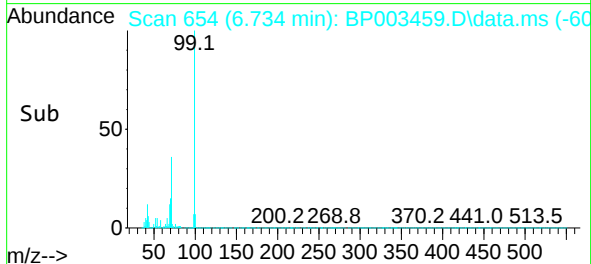
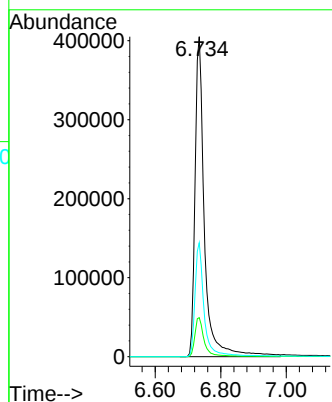
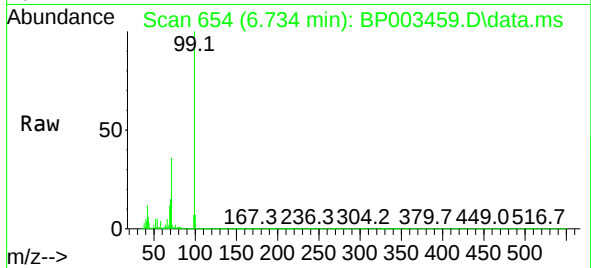




#7
Phenol-d6
Concen: 98.92 ng
RT: 6.734 min Scan# 654
Delta R.T. 0.000 min
Lab File: BP003459.D
Acq: 02 Oct 2020 14:41

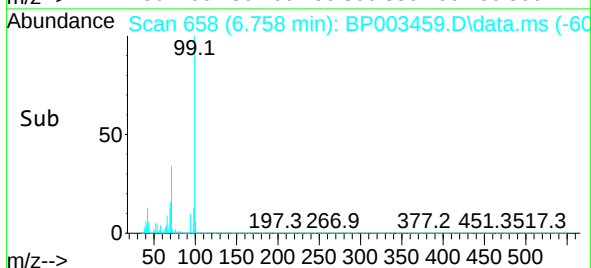
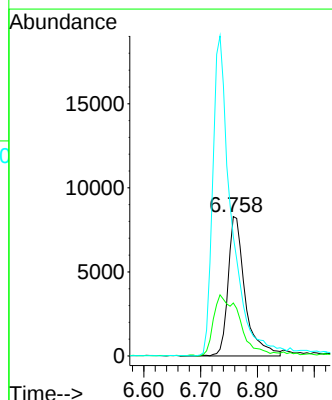
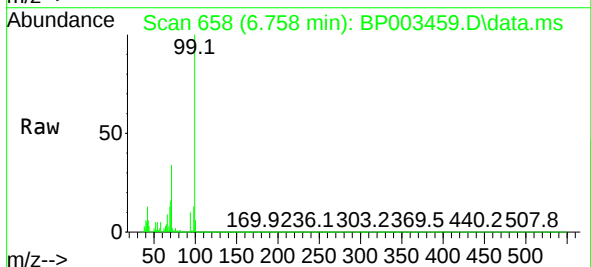
Instrument :
BNA_P
ClientSampleId :
RO-15

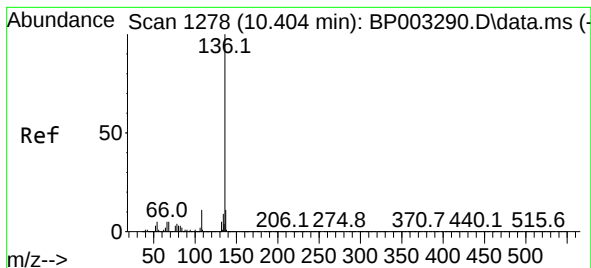
Tgt Ion: 99 Resp: 810688
Ion Ratio Lower Upper
99 100
42 12.2 8.6 13.0
71 35.6 23.4 35.2#



#10
Phenol
Concen: 2.21 ng
RT: 6.758 min Scan# 658
Delta R.T. 0.000 min
Lab File: BP003459.D
Acq: 02 Oct 2020 14:41

Tgt Ion: 94 Resp: 17327
Ion Ratio Lower Upper
94 100
65 38.0 2.3 42.3
66 85.7 10.9 50.9#

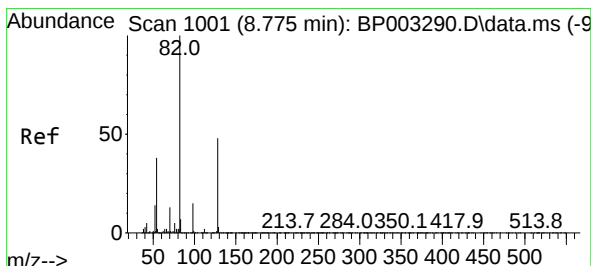
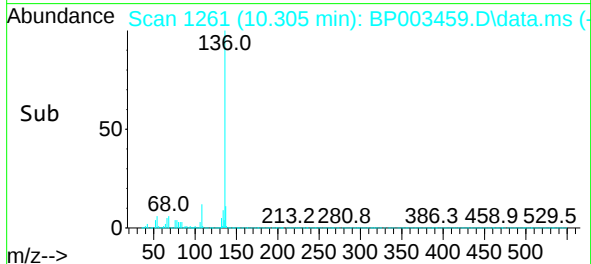
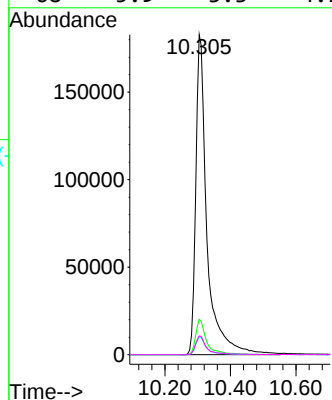
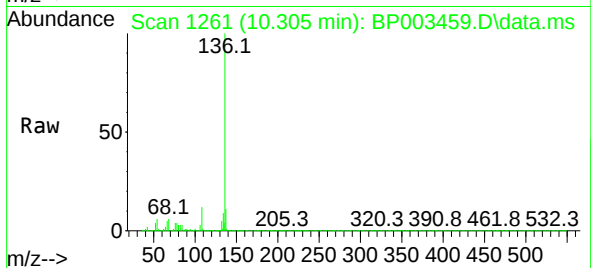




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.305 min Scan# 1261
Delta R.T. 0.000 min
Lab File: BP003459.D
Acq: 02 Oct 2020 14:41

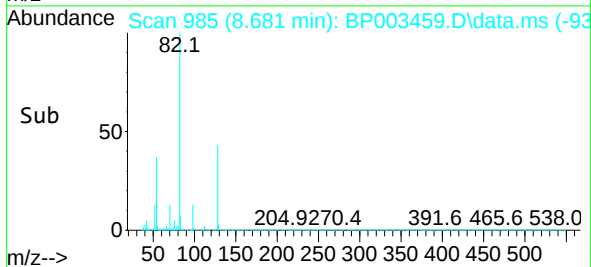
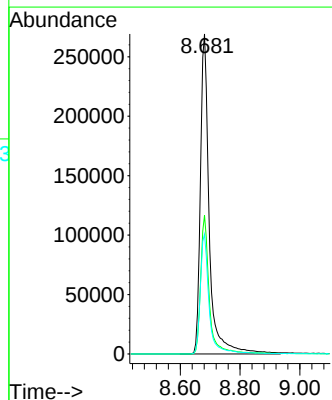
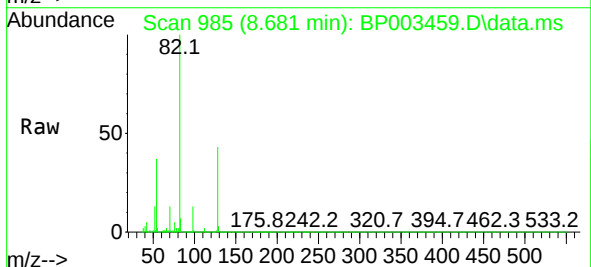
Instrument :
BNA_P
ClientSampleId :
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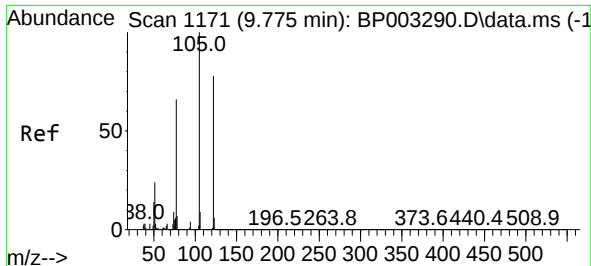
Tgt Ion:136 Resp: 436381
Ion Ratio Lower Upper
136 100
137 11.0 8.6 13.0
54 5.5 3.6 5.4#
68 5.9 3.3 4.9#



#23
Nitrobenzene-d5
Concen: 74.88 ng
RT: 8.681 min Scan# 985
Delta R.T. 0.000 min
Lab File: BP003459.D
Acq: 02 Oct 2020 14:41

Tgt Ion: 82 Resp: 556236
Ion Ratio Lower Upper
82 100
128 43.4 45.6 68.4#
54 37.4 30.1 45.1

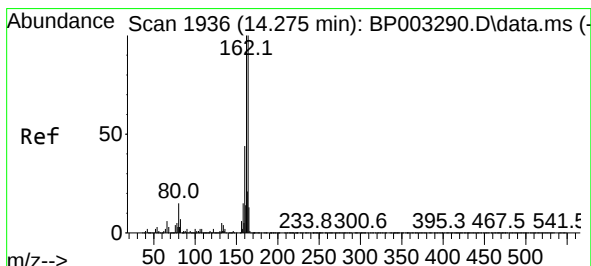
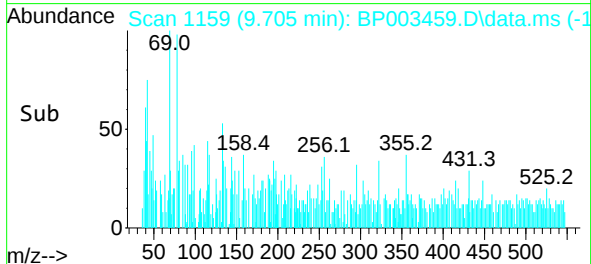
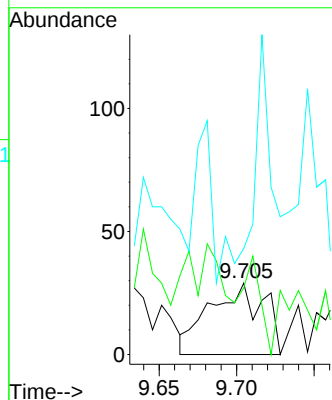
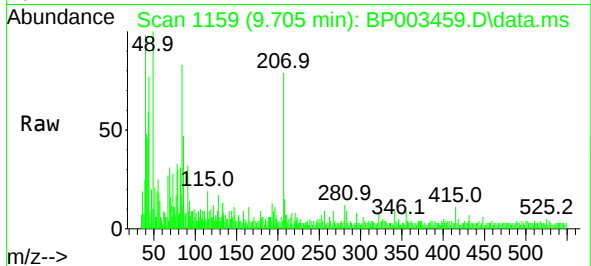




#32
Benzoic acid
Concen: 9.17 ng
RT: 9.705 min Scan# 1159
Delta R.T. -0.017 min
Lab File: BP003459.D
Acq: 02 Oct 2020 14:41

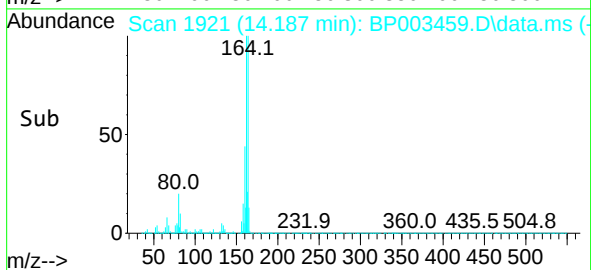
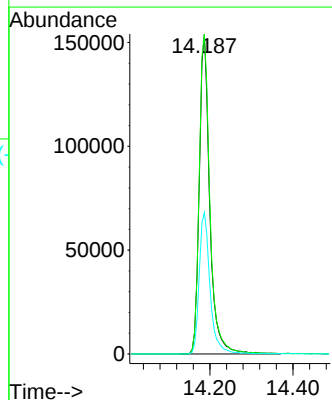
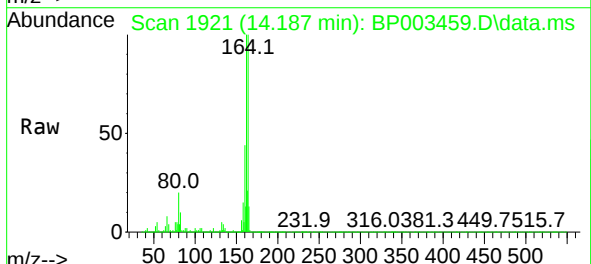
Instrument :
BNA_P
ClientSampleId :
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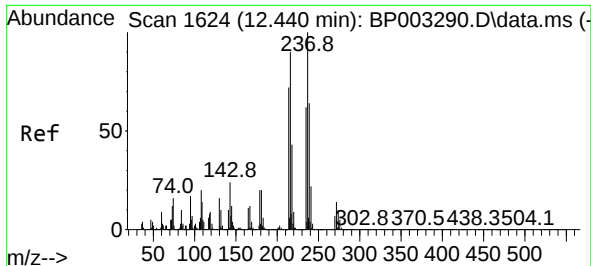
Tgt Ion:122 Resp: 70
Ion Ratio Lower Upper
122 100
105 93.1 94.1 134.1#
77 148.3 50.1 90.1#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.187 min Scan# 1921
Delta R.T. 0.000 min
Lab File: BP003459.D
Acq: 02 Oct 2020 14:41

Tgt Ion:164 Resp: 270008
Ion Ratio Lower Upper
164 100
162 100.2 79.4 119.2
160 44.2 36.1 54.1

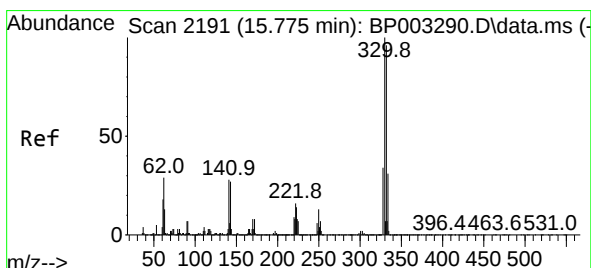
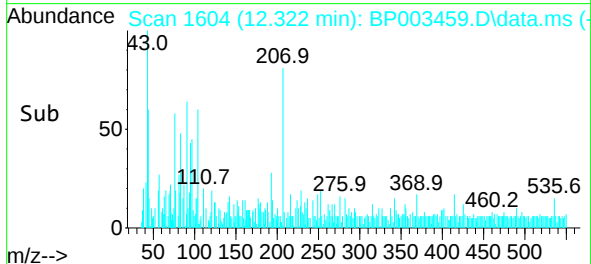
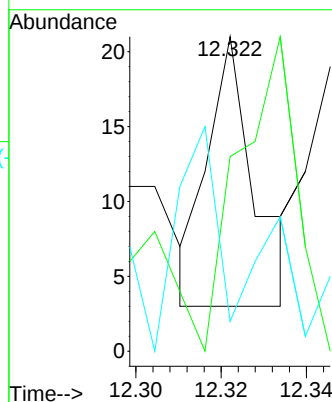
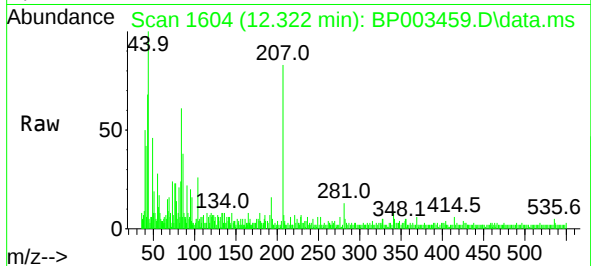




#41
Hexachlorocyclopentadiene
Concen: 6.84 ng
RT: 12.322 min Scan# 1604
Delta R.T. -0.017 min
Lab File: BP003459.D
Acq: 02 Oct 2020 14:41

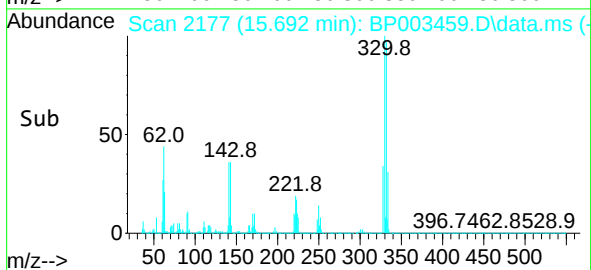
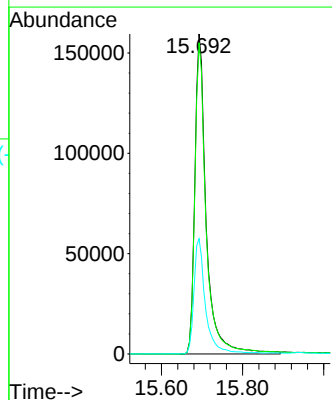
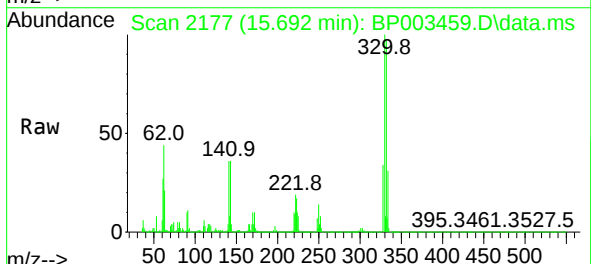
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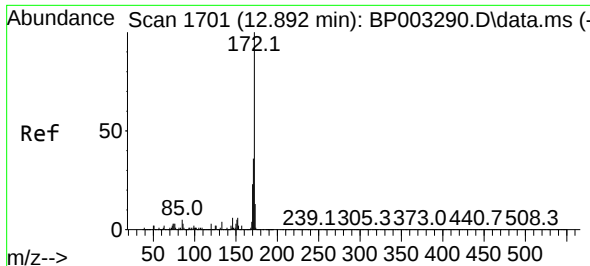
Tgt Ion:	237	Resp:	14
Ion	Ratio	Lower	Upper
237	100		
235	61.9	43.2	83.2
272	9.5	0.0	33.3



#42
2,4,6-Tribromophenol
Concen: 76.05 ng
RT: 15.692 min Scan# 2177
Delta R.T. 0.000 min
Lab File: BP003459.D
Acq: 02 Oct 2020 14:41

Tgt Ion:	330	Resp:	313200
Ion	Ratio	Lower	Upper
330	100		
332	95.8	77.1	115.7
141	36.4	23.4	35.2

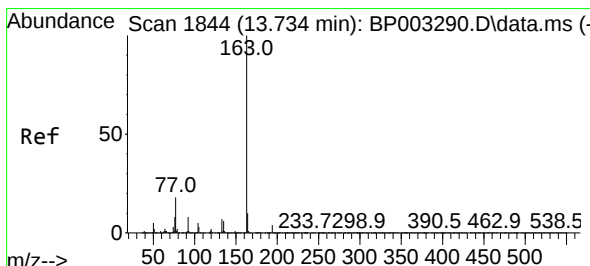
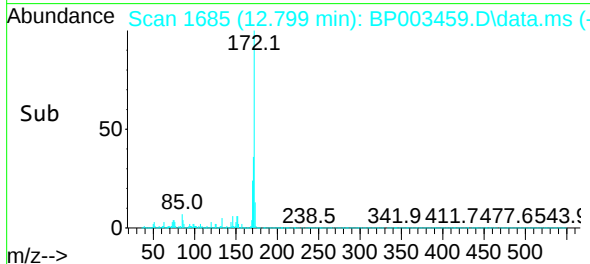
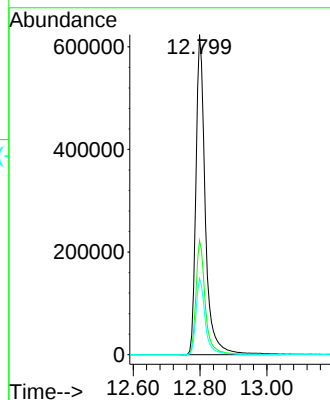
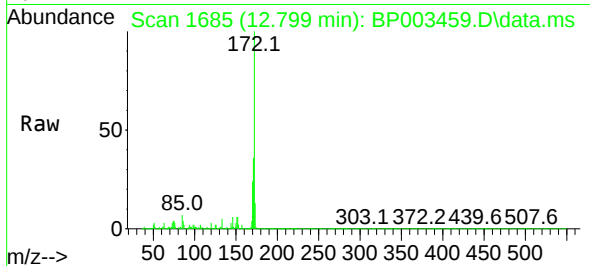




#45
2-Fluorobiphenyl
Concen: 66.24 ng
RT: 12.799 min Scan# 1685
Delta R.T. 0.000 min
Lab File: BP003459.D
Acq: 02 Oct 2020 14:41

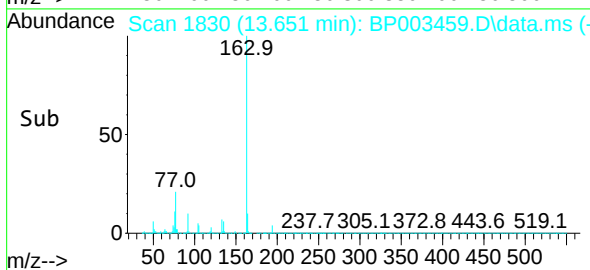
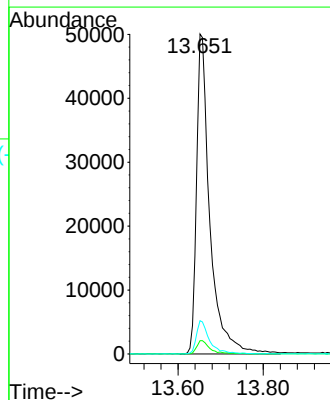
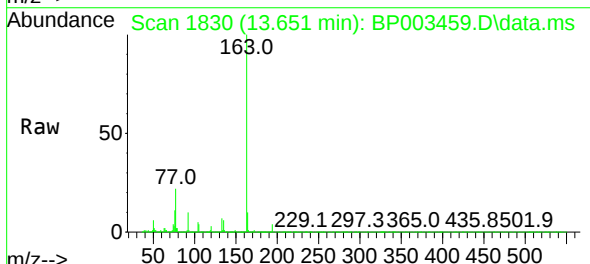
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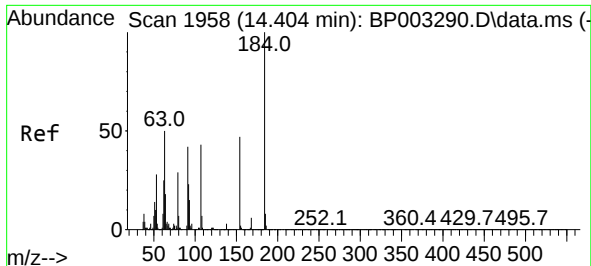
Tgt Ion:172 Resp: 1222828
Ion Ratio Lower Upper
172 100
171 35.7 28.5 42.7
170 23.8 19.2 28.8



#50
Dimethylphthalate
Concen: 5.04 ng
RT: 13.651 min Scan# 1830
Delta R.T. 0.000 min
Lab File: BP003459.D
Acq: 02 Oct 2020 14:41

Tgt Ion:163 Resp: 108662
Ion Ratio Lower Upper
163 100
194 4.1 3.3 4.9
164 10.4 8.2 12.2

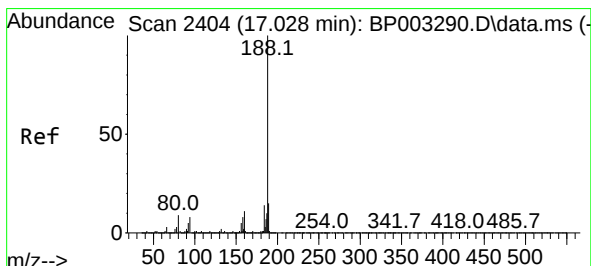
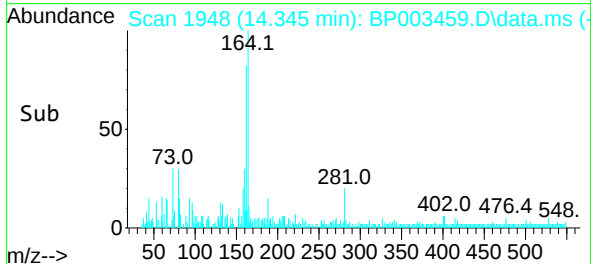
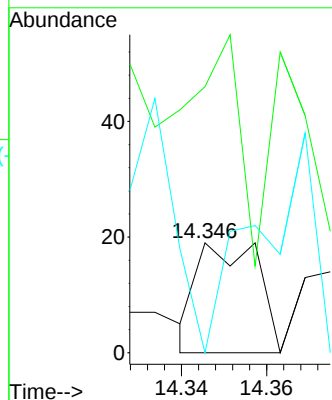
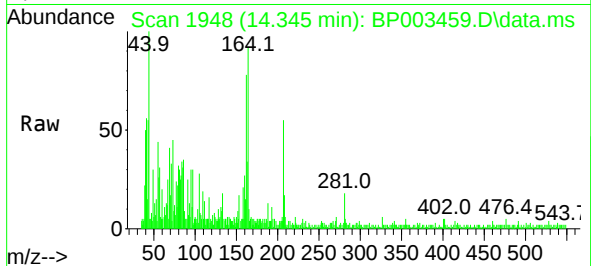




#54
2,4-Dinitrophenol
Concen: 7.26 ng
RT: 14.345 min Scan# 1948
Delta R.T. 0.000 min
Lab File: BP003459.D
Acq: 02 Oct 2020 14:41

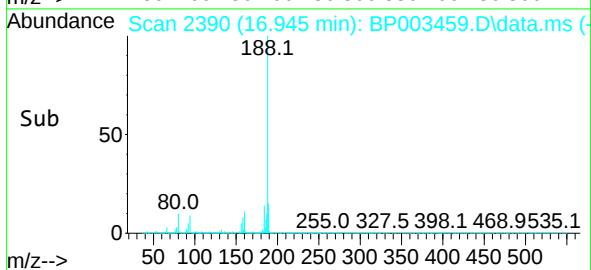
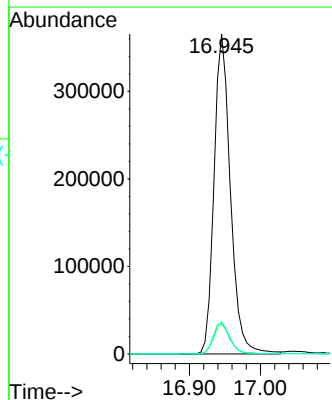
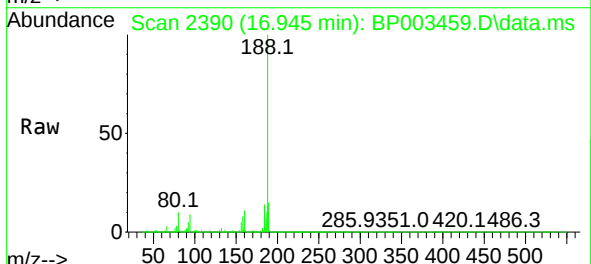
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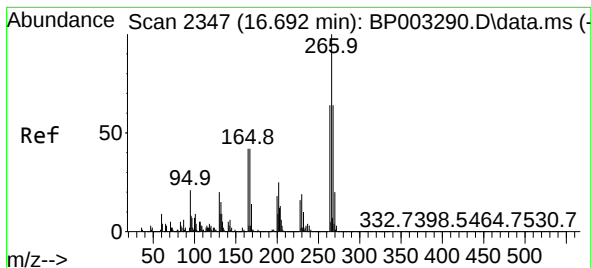
Tgt Ion:184 Resp: 19
Ion Ratio Lower Upper
184 100
63 242.1 32.3 48.5#
154 0.0 49.1 73.7#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 16.945 min Scan# 2390
Delta R.T. 0.006 min
Lab File: BP003459.D
Acq: 02 Oct 2020 14:41

Tgt Ion:188 Resp: 585718
Ion Ratio Lower Upper
188 100
94 9.4 6.2 9.2#
80 10.1 6.2 9.2#

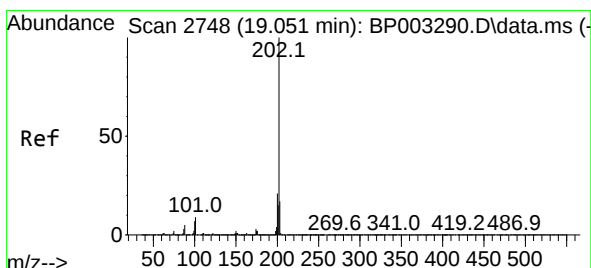
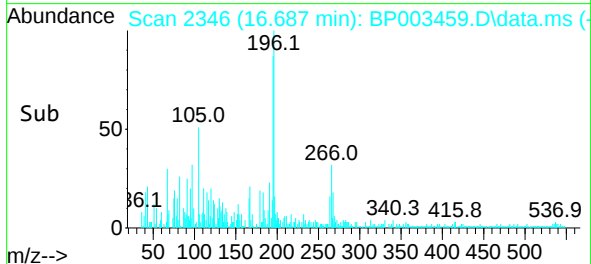
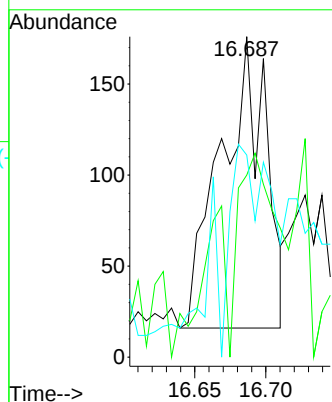
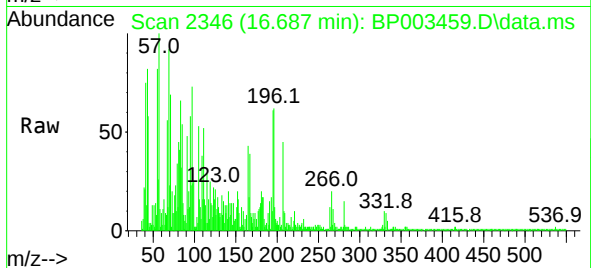




#70
Pentachlorophenol
Concen: 6.86 ng
RT: 16.687 min Scan# 2346
Delta R.T. 0.065 min
Lab File: BP003459.D
Acq: 02 Oct 2020 14:41

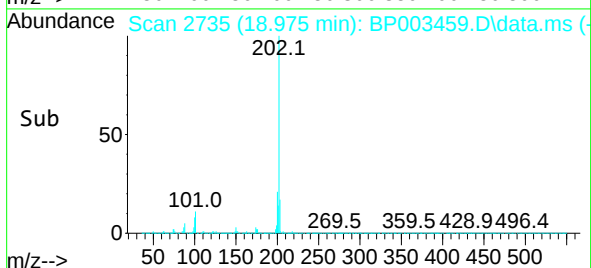
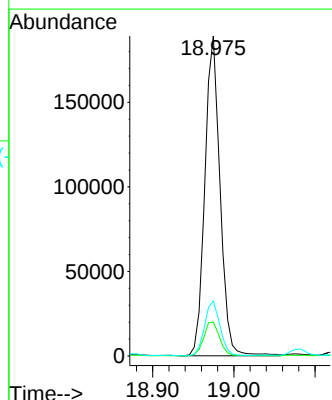
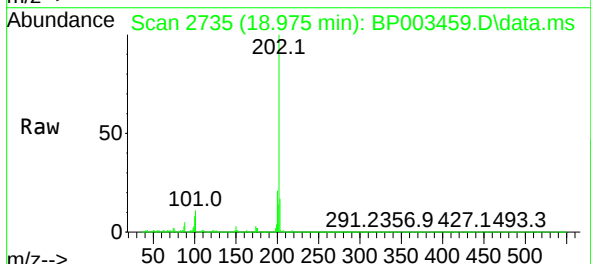
Instrument :
BNA_P
ClientSampleId :
RO-15

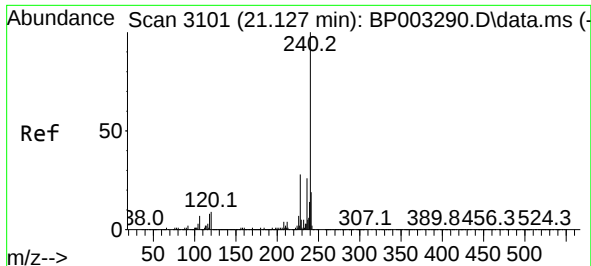
Tgt Ion:266 Resp: 353
Ion Ratio Lower Upper
266 100
268 56.8 51.1 76.7
264 63.1 50.6 76.0



#75
Fluoranthene
Concen: 6.14 ng
RT: 18.975 min Scan# 2735
Delta R.T. 0.000 min
Lab File: BP003459.D
Acq: 02 Oct 2020 14:41

Tgt Ion:202 Resp: 245892
Ion Ratio Lower Upper
202 100
101 10.6 0.0 29.4
203 17.2 0.0 37.8

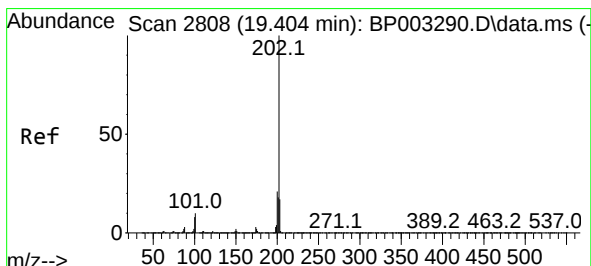
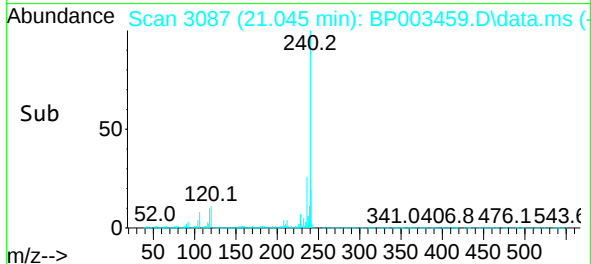
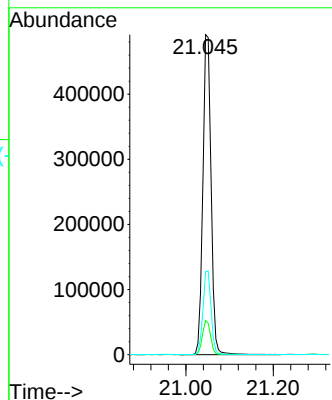
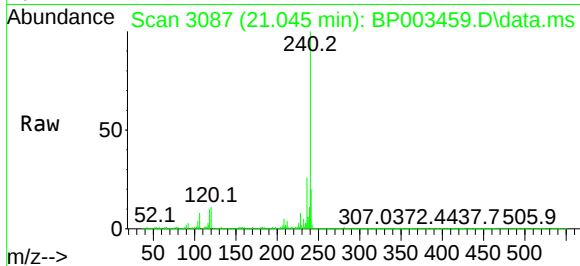




#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.045 min Scan# 3087
Delta R.T. -0.006 min
Lab File: BP003459.D
Acq: 02 Oct 2020 14:41

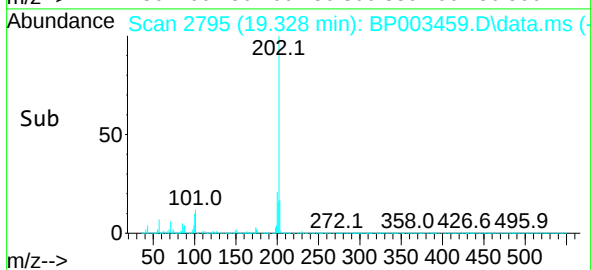
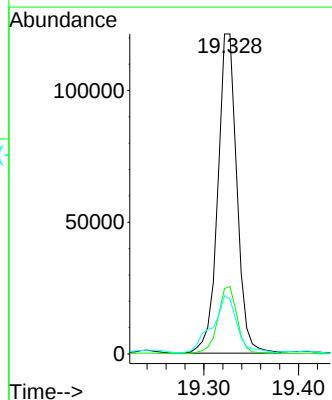
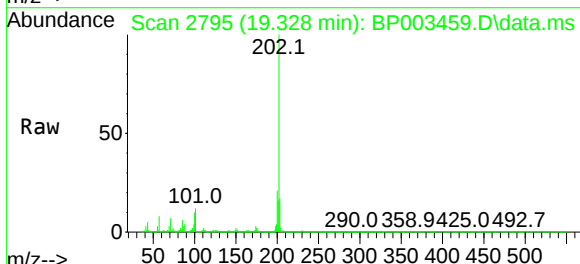
Instrument :
BNA_P
ClientSampleId :
RO-15

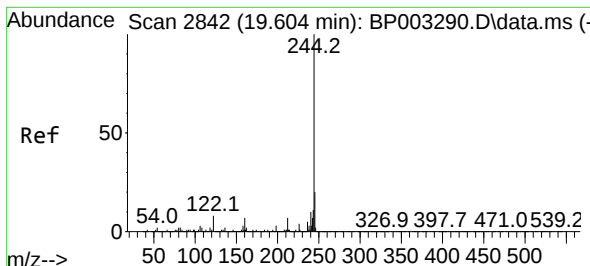
Tgt Ion:240 Resp: 642462
Ion Ratio Lower Upper
240 100
120 10.6 7.8 11.6
236 26.0 20.8 31.2



#78
Pyrene
Concen: 4.25 ng
RT: 19.328 min Scan# 2795
Delta R.T. 0.000 min
Lab File: BP003459.D
Acq: 02 Oct 2020 14:41

Tgt Ion:202 Resp: 170168
Ion Ratio Lower Upper
202 100
200 21.1 17.1 25.7
203 17.1 14.2 21.2

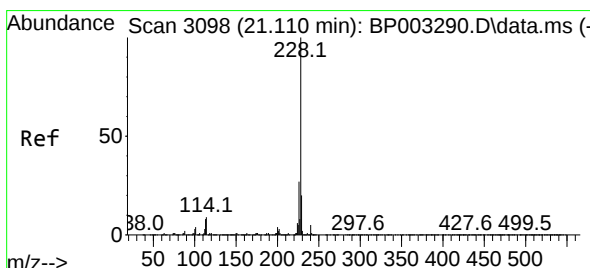
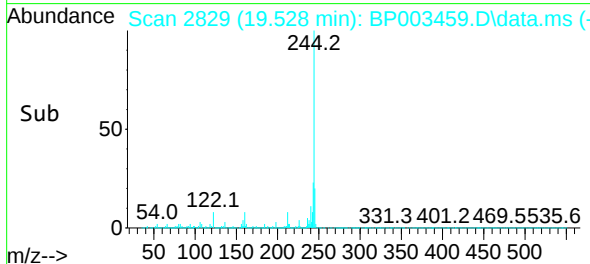
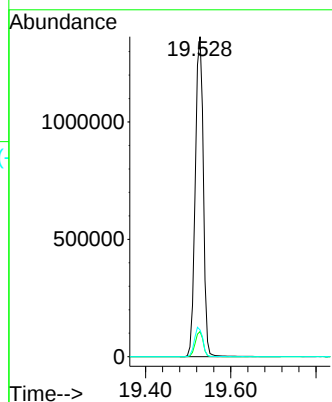
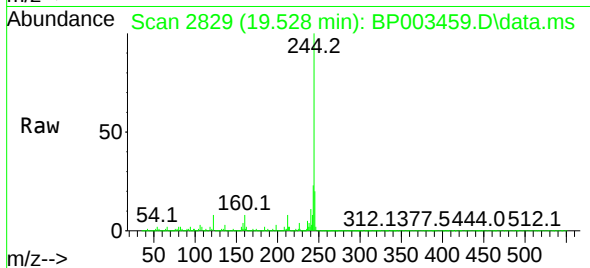




#79
 Terphenyl-d14
 Concen: 57.85 ng
 RT: 19.528 min Scan# 2829
 Delta R.T. 0.000 min
 Lab File: BP003459.D
 Acq: 02 Oct 2020 14:41

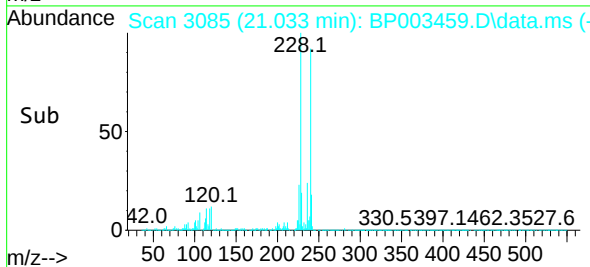
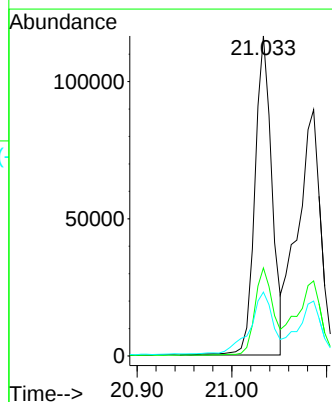
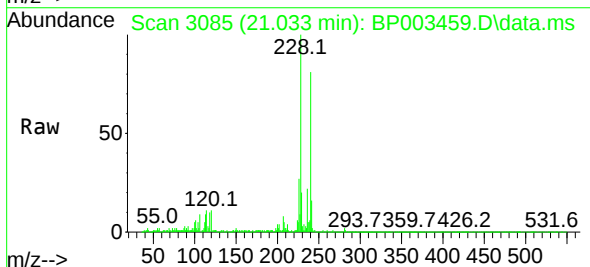
Instrument :
 BNA_P
 ClientSampleId :
 RO-15

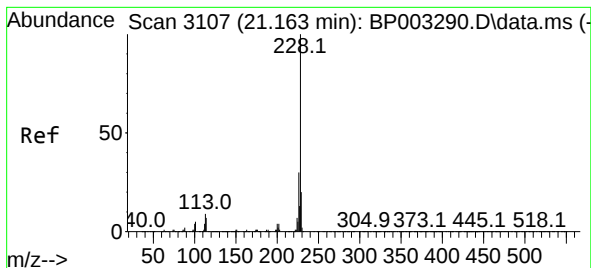
Tgt Ion:244 Resp: 1783922
 Ion Ratio Lower Upper
 244 100
 212 7.8 5.8 8.6
 122 8.3 7.8 11.8



#81
 Benzo(a)anthracene
 Concen: 3.51 ng
 RT: 21.033 min Scan# 3085
 Delta R.T. 0.000 min
 Lab File: BP003459.D
 Acq: 02 Oct 2020 14:41

Tgt Ion:228 Resp: 145867
 Ion Ratio Lower Upper
 228 100
 226 27.5 22.1 33.1
 229 19.9 15.9 23.9





#83

Chrysene

Concen: 3.85 ng

RT: 21.086 min Scan# 3094

Delta R.T. 0.000 min

Lab File: BP003459.D

Acq: 02 Oct 2020 14:41

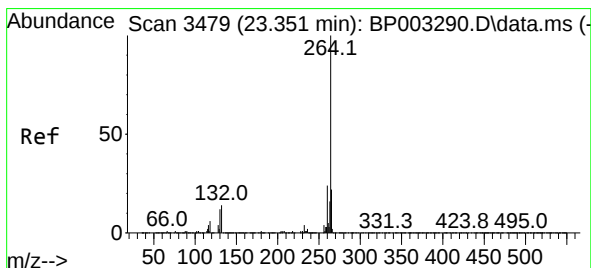
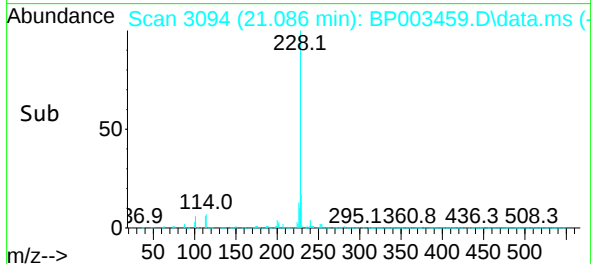
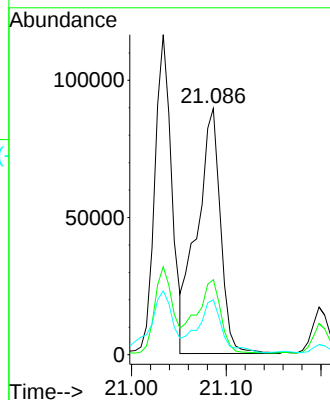
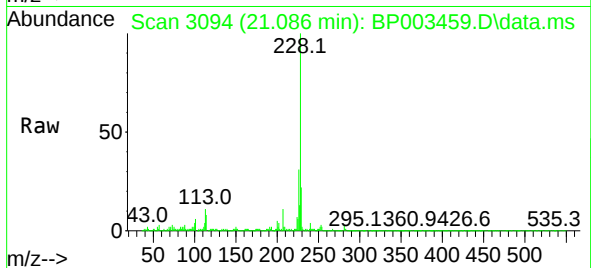
Tgt Ion:228 Resp: 153799

Ion Ratio Lower Upper

228 100

226 30.5 24.4 36.6

229 22.3 15.8 23.6



#86

Perylene-d12

Concen: 20.00 ng

RT: 23.233 min Scan# 3459

Delta R.T. 0.000 min

Lab File: BP003459.D

Acq: 02 Oct 2020 14:41

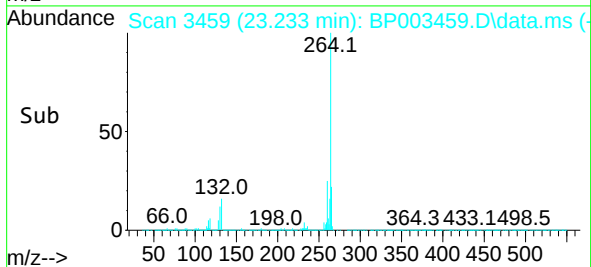
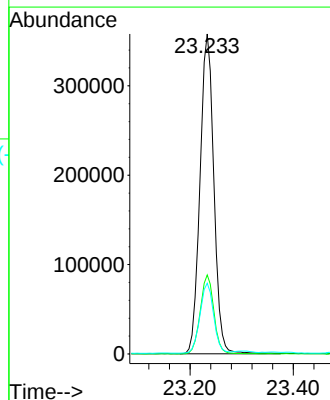
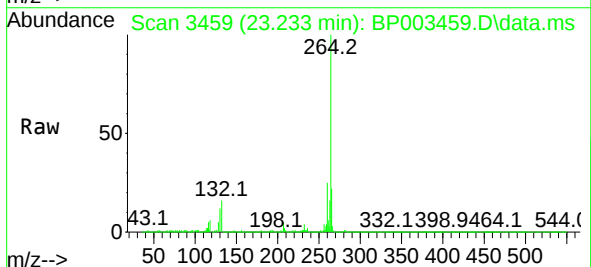
Tgt Ion:264 Resp: 665384

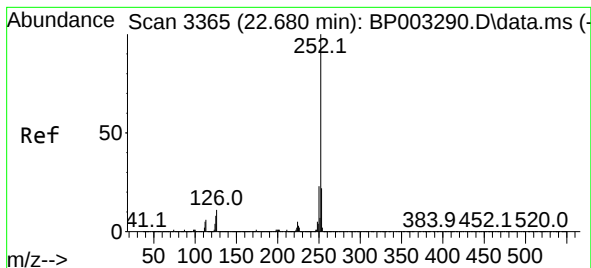
Ion Ratio Lower Upper

264 100

260 24.7 18.8 28.2

265 22.1 17.4 26.2





#88

Benzo(b)fluoranthene

Concen: 5.39 ng

RT: 22.580 min Scan# 3348

Delta R.T. 0.000 min

Lab File: BP003459.D

Acq: 02 Oct 2020 14:41

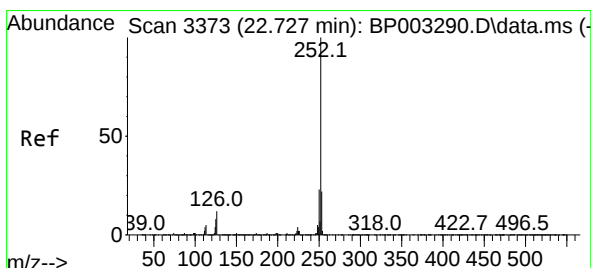
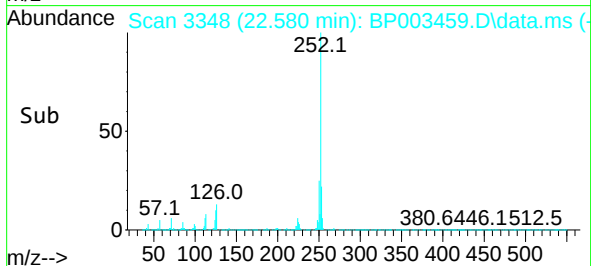
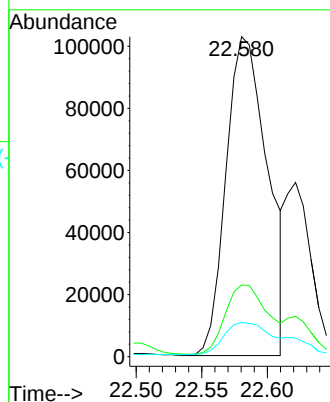
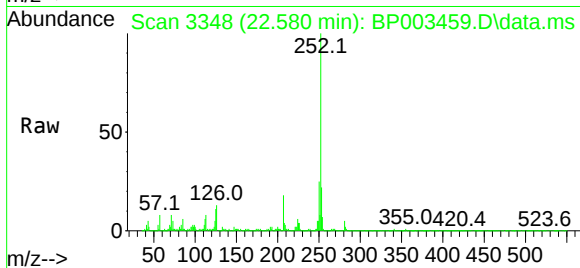
Instrument :

BNA_P

ClientSampled :

RO-15

Tgt Ion:252	Resp:	226555
Ion Ratio	Lower	Upper
252	100	
253	22.4	17.6 26.4
125	10.7	7.3 10.9



#89

Benzo(k)fluoranthene

Concen: 5.63 ng

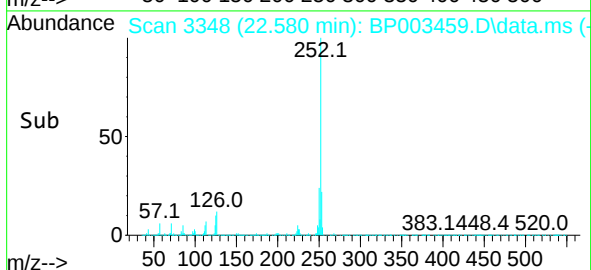
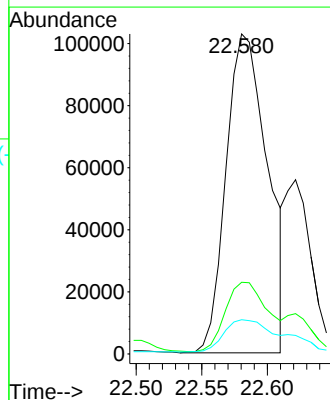
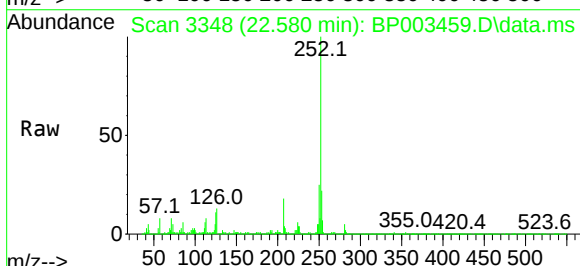
RT: 22.580 min Scan# 3348

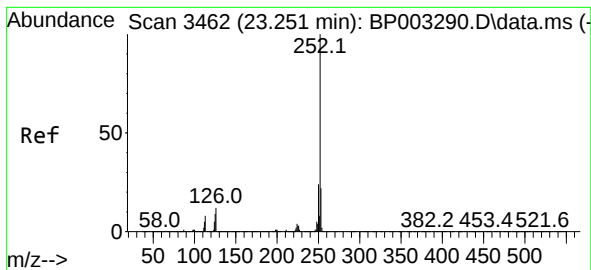
Delta R.T. -0.041 min

Lab File: BP003459.D

Acq: 02 Oct 2020 14:41

Tgt Ion:252	Resp:	226555
Ion Ratio	Lower	Upper
252	100	
253	22.4	17.8 26.8
125	10.7	7.4 11.2





#90

Benzo(a)pyrene

Concen: 2.95 ng

RT: 23.139 min Scan# 3443

Delta R.T. -0.006 min

Lab File: BP003459.D

Acq: 02 Oct 2020 14:41

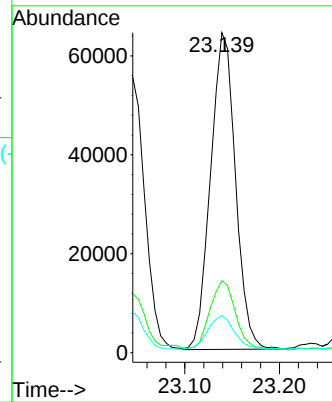
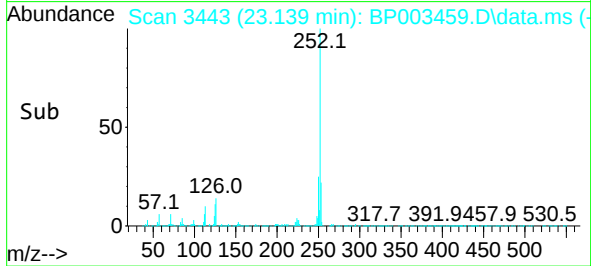
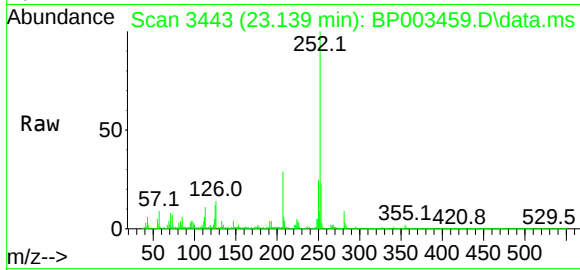
Tgt Ion:252 Resp: 116783

Ion Ratio Lower Upper

252 100

253 22.5 17.4 26.0

125 11.6 8.2 12.4



Instrument :

BNA_P

ClientSampleId :

RO-15