

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100220\
 Data File : BP003484.D
 Acq On : 03 Oct 2020 07:58
 Operator : CG/JU
 Sample : L4198-29
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 RO-19

Quant Time: Oct 03 08:48:22 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)

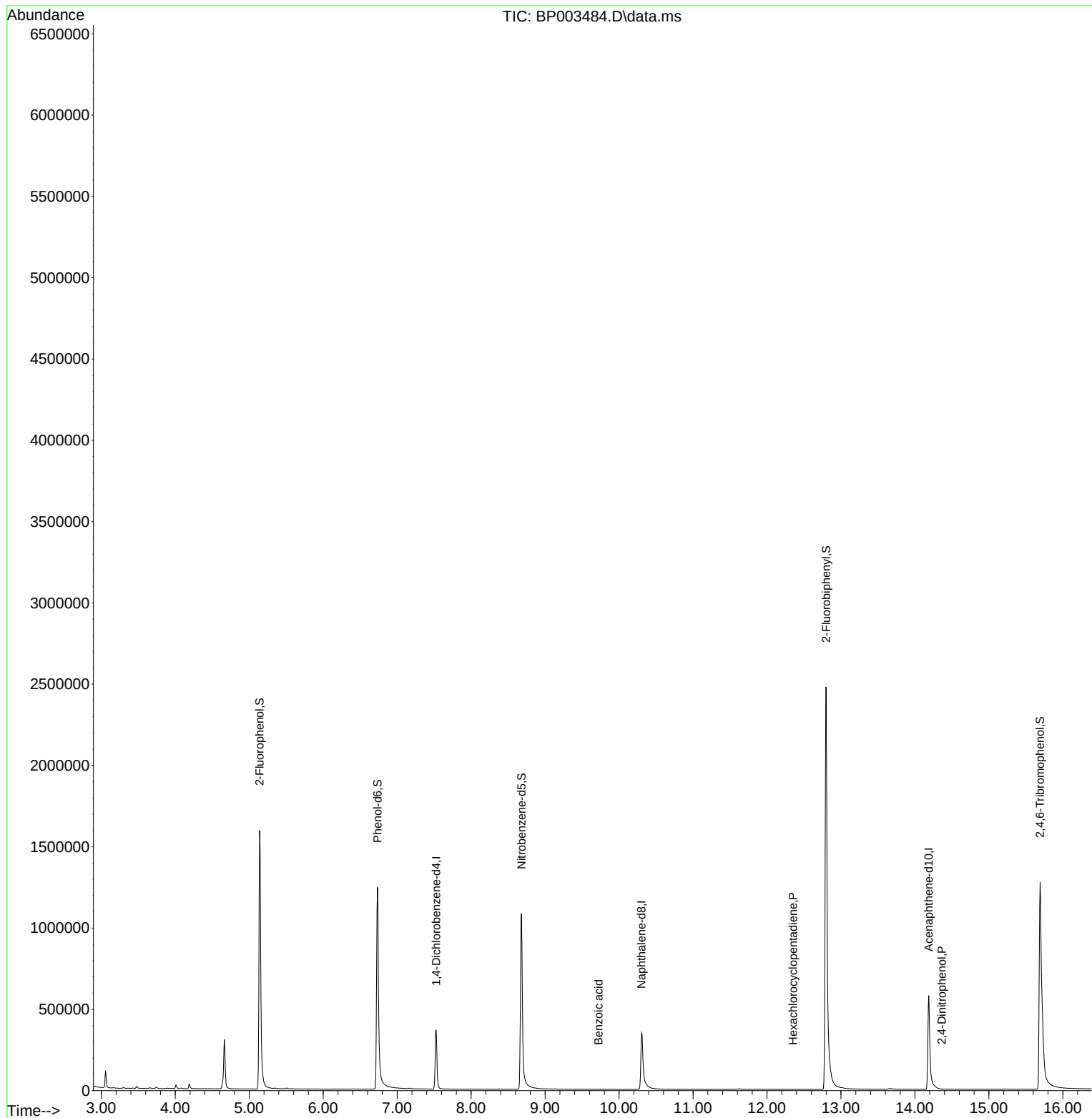
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.528	152	106822	20.00	ng	0.00
21) Naphthalene-d8	10.304	136	429545	20.00	ng	# 0.00
39) Acenaphthene-d10	14.187	164	263984	20.00	ng	0.00
64) Phenanthrene-d10	16.951	188	571212	20.00	ng	# 0.01
76) Chrysene-d12	21.057	240	620583	20.00	ng	0.00
86) Perylene-d12	23.239	264	555347	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.140	112	838169	137.01	ng	0.00
7) Phenol-d6	6.734	99	983909	120.66	ng	0.00
23) Nitrobenzene-d5	8.681	82	822828	112.54	ng	0.00
42) 2,4,6-Tribromophenol	15.692	330	446776	110.96	ng	0.00
45) 2-Fluorobiphenyl	12.798	172	1702924	94.35	ng	0.00
79) Terphenyl-d14	19.528	244	2584430	86.77	ng	0.00
Target Compounds						
						Qvalue
32) Benzoic acid	9.722	122	11	9.16	ng	# 1
41) Hexachlorocyclopentadiene	12.351	237	8	6.84	ng	77
54) 2,4-Dinitrophenol	14.363	184	15	7.26	ng	# 72
70) Pentachlorophenol	16.639	266	47	6.78	ng	# 51

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

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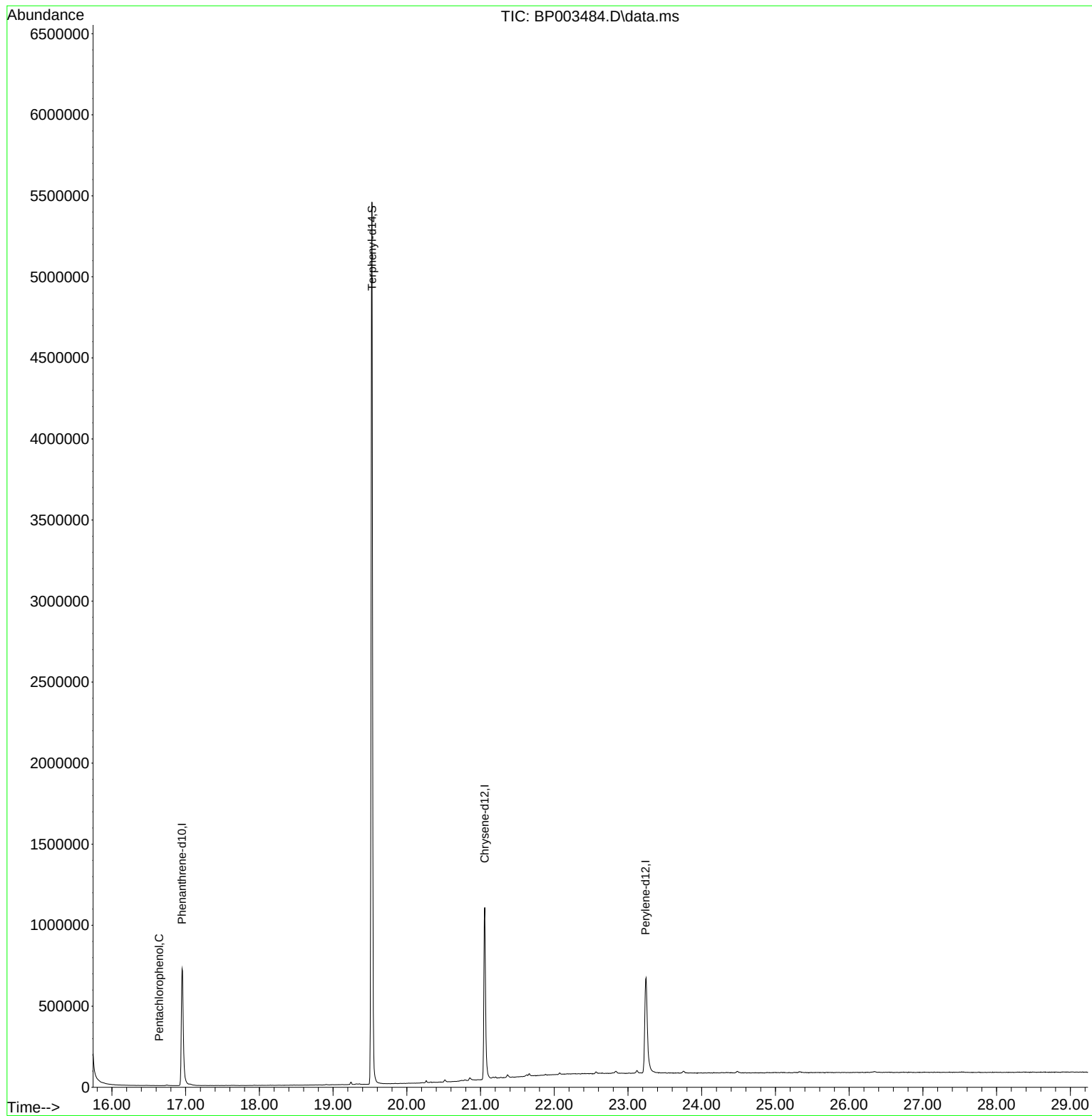
Quant Time: Oct 03 08:48:22 2020
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 02 11:17:24 2020
Response via : Initial Calibration

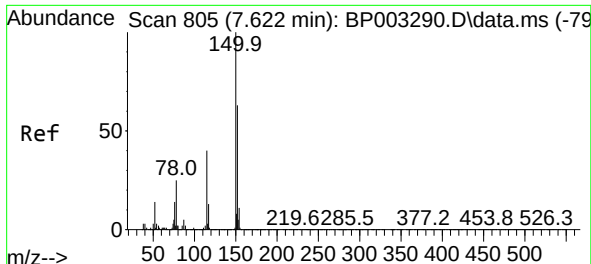


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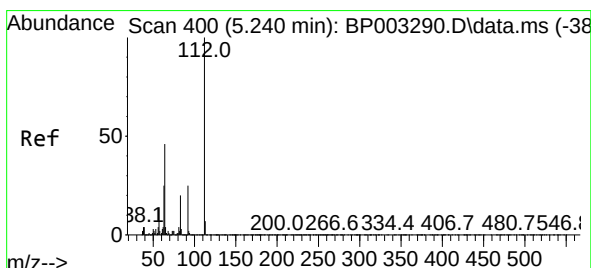
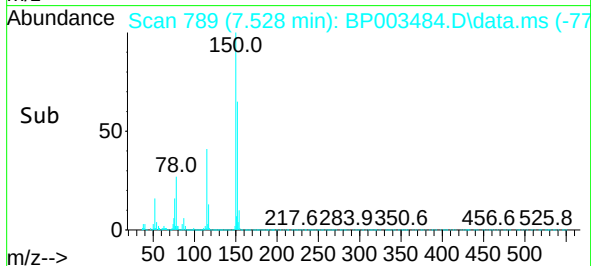
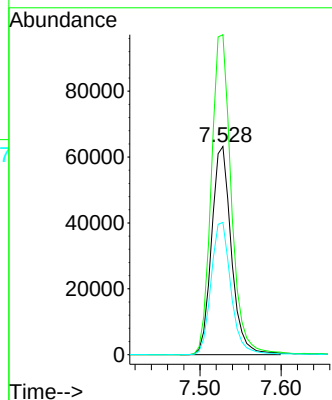
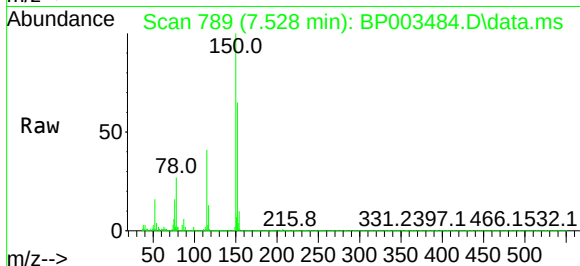




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.528 min Scan# 789
Delta R.T. 0.000 min
Lab File: BP003484.D
Acq: 03 Oct 2020 07:58

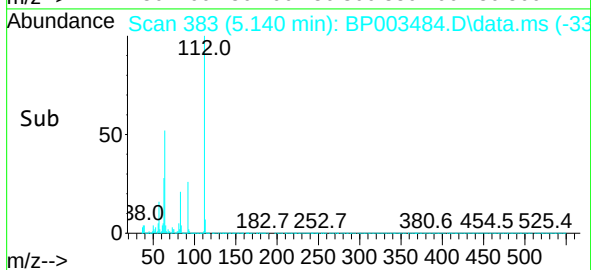
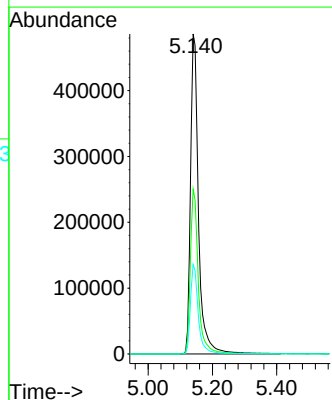
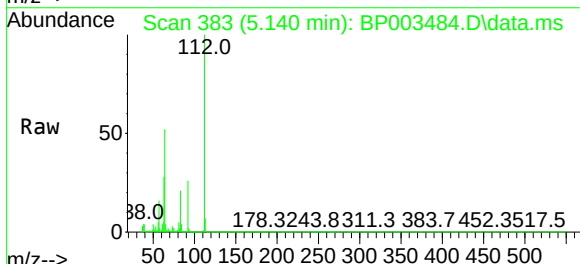
Instrument :
BNA_P
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RO-19

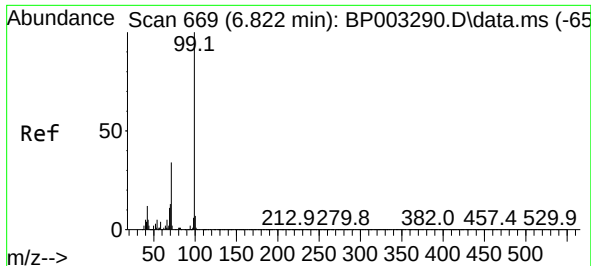
Tgt Ion:152 Resp: 106822
Ion Ratio Lower Upper
152 100
150 153.7 123.8 185.6
115 63.5 43.8 65.6



#5
2-Fluorophenol
Concen: 137.01 ng
RT: 5.140 min Scan# 383
Delta R.T. 0.000 min
Lab File: BP003484.D
Acq: 03 Oct 2020 07:58

Tgt Ion:112 Resp: 838169
Ion Ratio Lower Upper
112 100
64 51.5 32.8 49.2#
63 27.9 17.0 25.4#

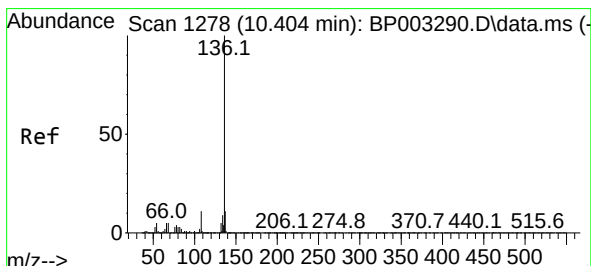
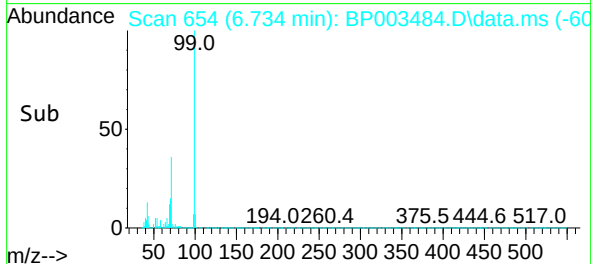
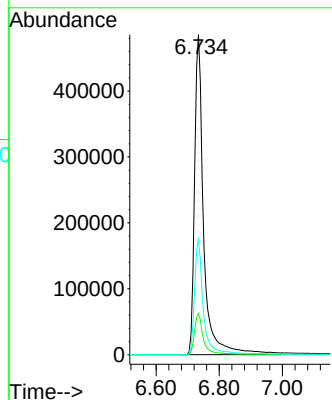
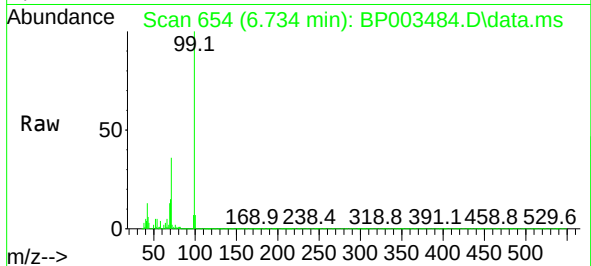




#7
Phenol-d6
Concen: 120.66 ng
RT: 6.734 min Scan# 654
Delta R.T. 0.000 min
Lab File: BP003484.D
Acq: 03 Oct 2020 07:58

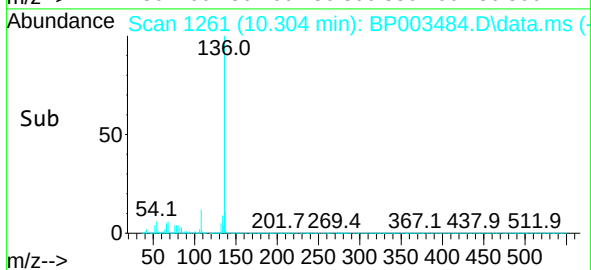
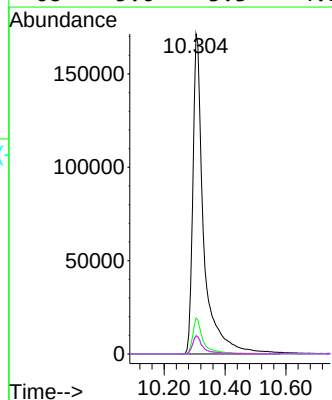
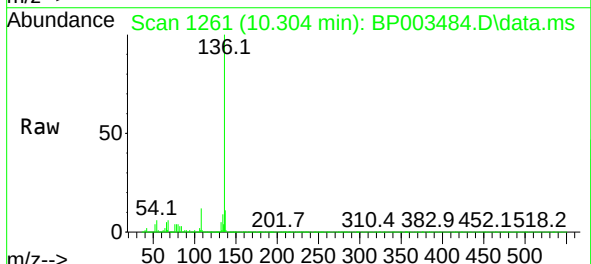
Instrument :
BNA_P
ClientSampled :
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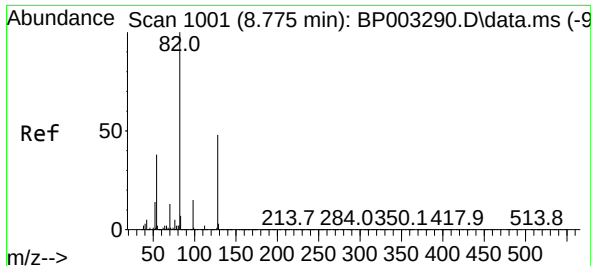
Tgt Ion: 99 Resp: 983909
Ion Ratio Lower Upper
99 100
42 12.9 8.6 13.0
71 35.9 23.4 35.2#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.304 min Scan# 1261
Delta R.T. 0.000 min
Lab File: BP003484.D
Acq: 03 Oct 2020 07:58

Tgt Ion: 136 Resp: 429545
Ion Ratio Lower Upper
136 100
137 11.2 8.6 13.0
54 5.9 3.6 5.4#
68 5.6 3.3 4.9#

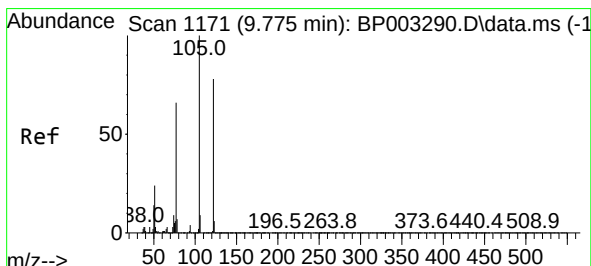
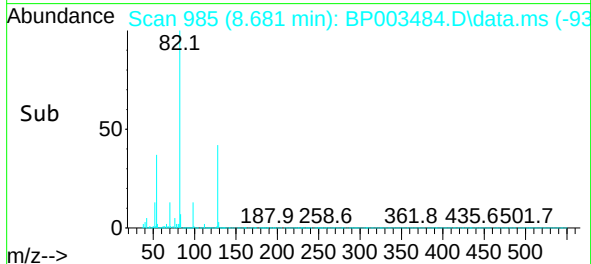
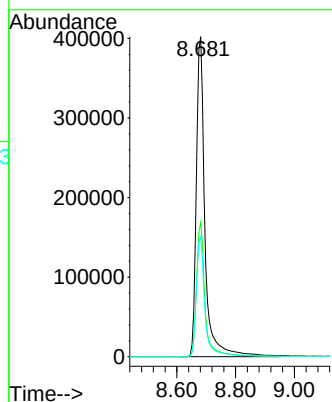
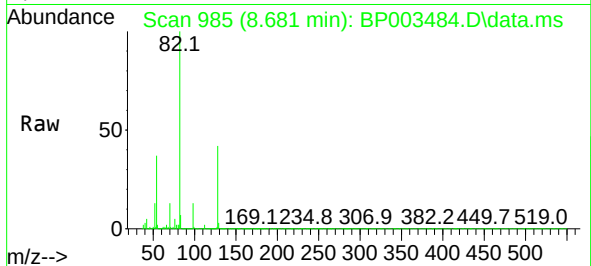




#23
Nitrobenzene-d5
Concen: 112.54 ng
RT: 8.681 min Scan# 985
Delta R.T. 0.000 min
Lab File: BP003484.D
Acq: 03 Oct 2020 07:58

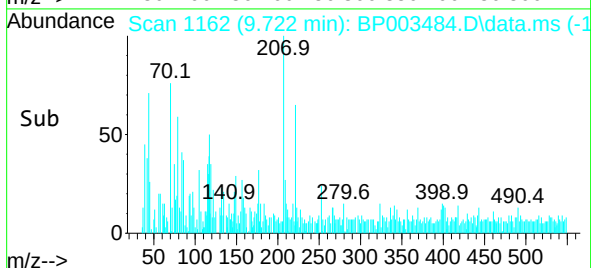
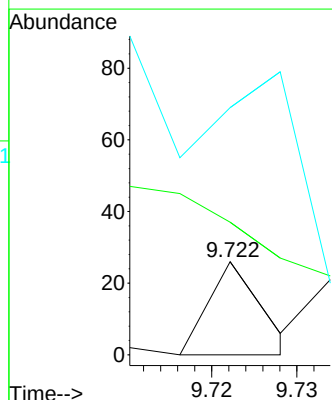
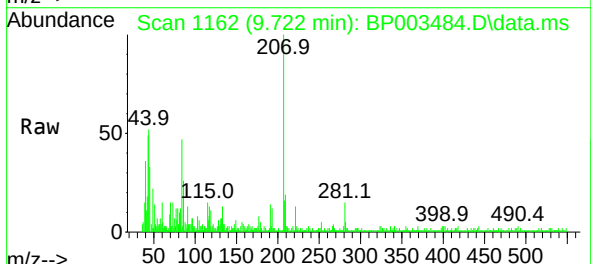
Instrument :
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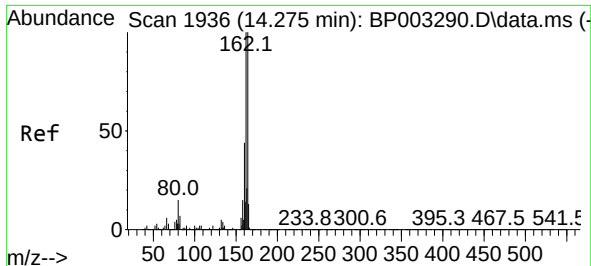
Tgt Ion: 82 Resp: 822828
Ion Ratio Lower Upper
82 100
128 42.0 45.6 68.4#
54 37.4 30.1 45.1



#32
Benzoic acid
Concen: 9.16 ng
RT: 9.722 min Scan# 1162
Delta R.T. 0.000 min
Lab File: BP003484.D
Acq: 03 Oct 2020 07:58

Tgt Ion: 122 Resp: 11
Ion Ratio Lower Upper
122 100
105 142.3 94.1 134.1#
77 265.4 50.1 90.1#

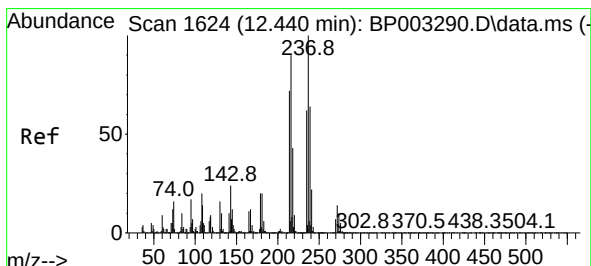
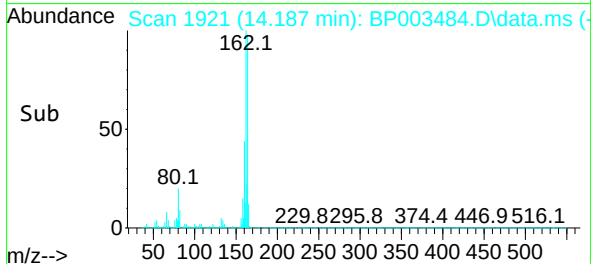
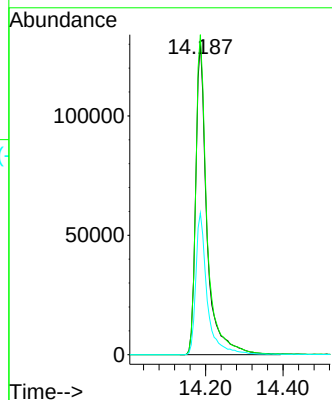
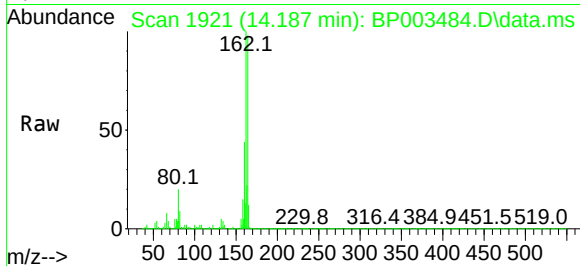




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.187 min Scan# 1921
Delta R.T. 0.000 min
Lab File: BP003484.D
Acq: 03 Oct 2020 07:58

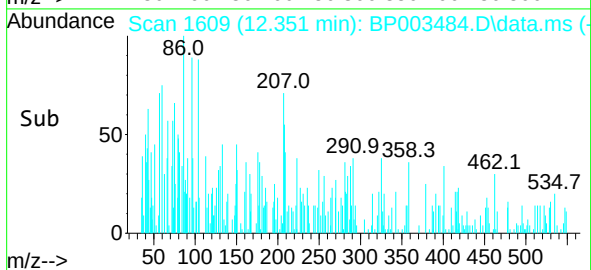
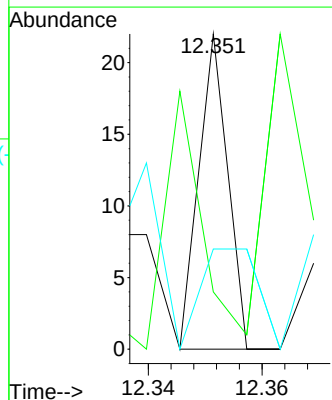
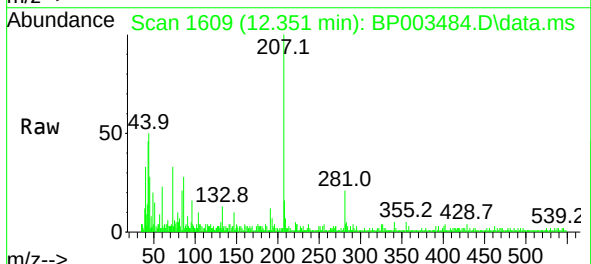
Instrument :
BNA_P
ClientSampled :
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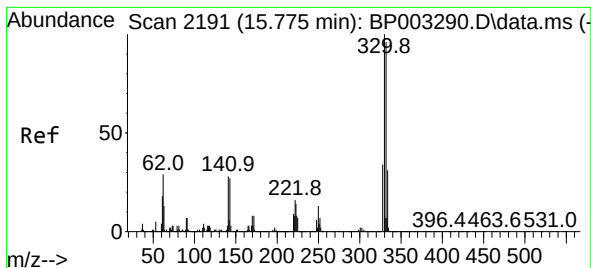
Tgt Ion:164 Resp: 263984
Ion Ratio Lower Upper
164 100
162 102.3 79.4 119.2
160 45.3 36.1 54.1



#41
Hexachlorocyclopentadiene
Concen: 6.84 ng
RT: 12.351 min Scan# 1609
Delta R.T. 0.012 min
Lab File: BP003484.D
Acq: 03 Oct 2020 07:58

Tgt Ion:237 Resp: 8
Ion Ratio Lower Upper
237 100
235 77.3 43.2 83.2
272 31.8 0.0 33.3

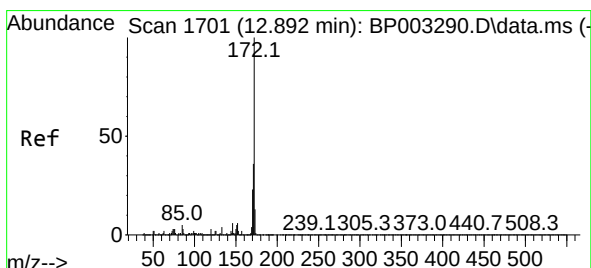
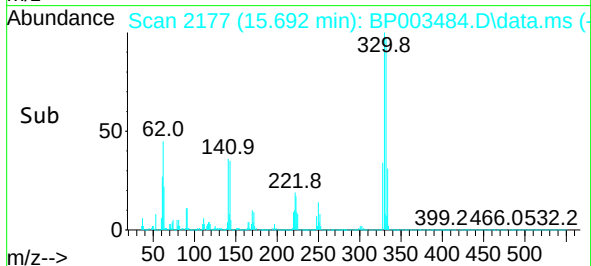
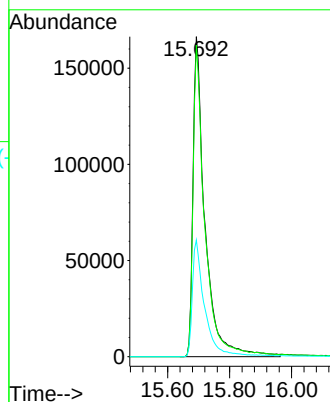
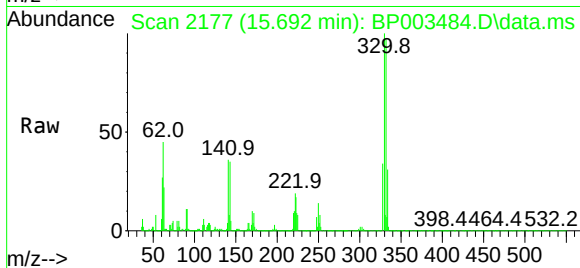




#42
2,4,6-Tribromophenol
Concen: 110.96 ng
RT: 15.692 min Scan# 2177
Delta R.T. 0.000 min
Lab File: BP003484.D
Acq: 03 Oct 2020 07:58

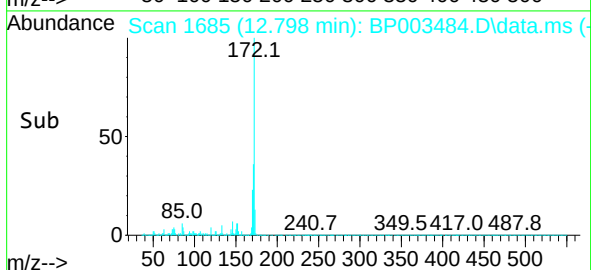
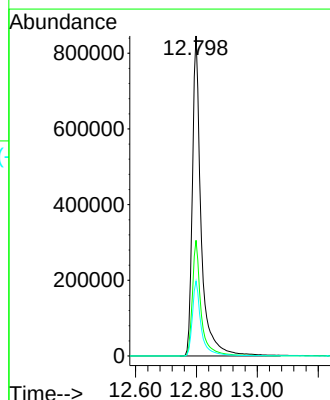
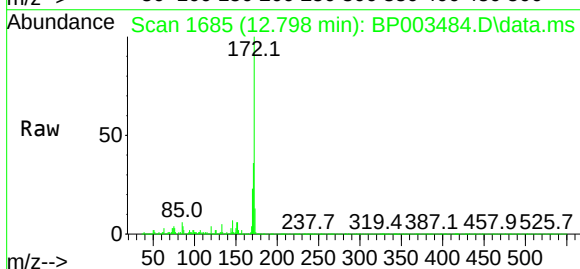
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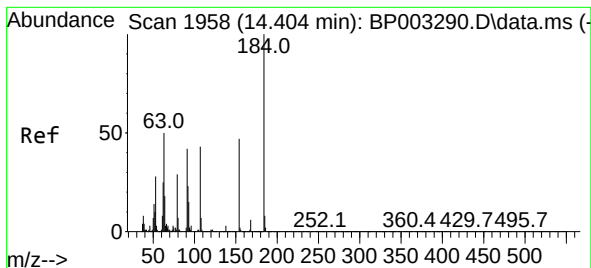
Tgt Ion:330 Resp: 446776
Ion Ratio Lower Upper
330 100
332 94.1 77.1 115.7
141 37.7 23.4 35.2#



#45
2-Fluorobiphenyl
Concen: 94.35 ng
RT: 12.798 min Scan# 1685
Delta R.T. 0.000 min
Lab File: BP003484.D
Acq: 03 Oct 2020 07:58

Tgt Ion:172 Resp: 1702924
Ion Ratio Lower Upper
172 100
171 36.1 28.5 42.7
170 23.4 19.2 28.8

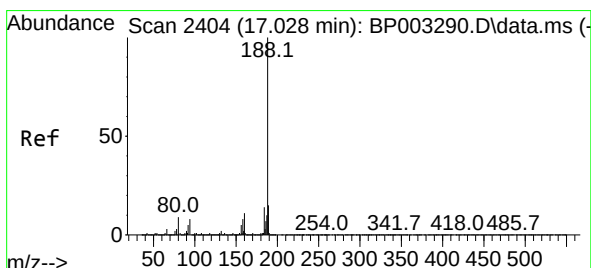
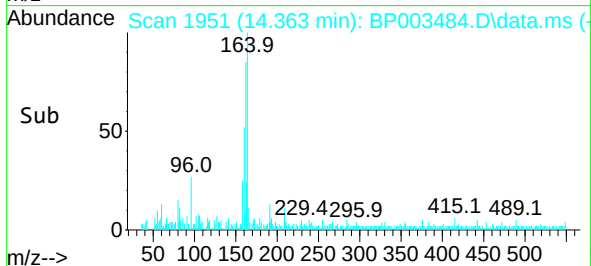
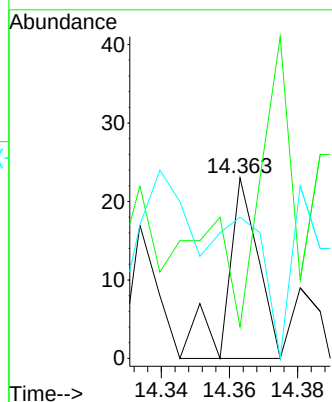
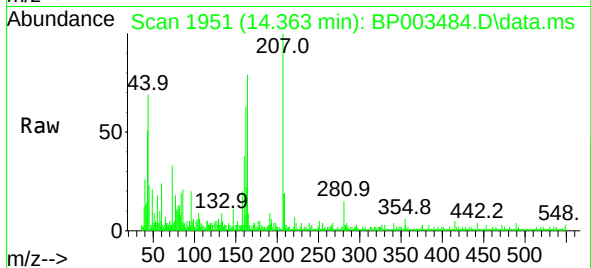




#54
2,4-Dinitrophenol
Concen: 7.26 ng
RT: 14.363 min Scan# 1951
Delta R.T. 0.018 min
Lab File: BP003484.D
Acq: 03 Oct 2020 07:58

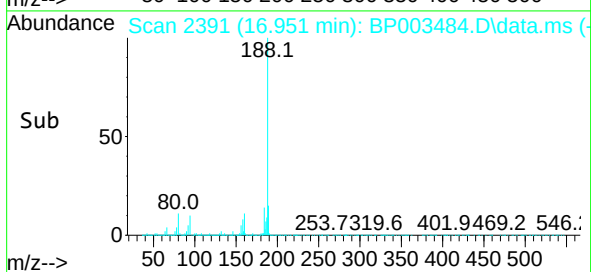
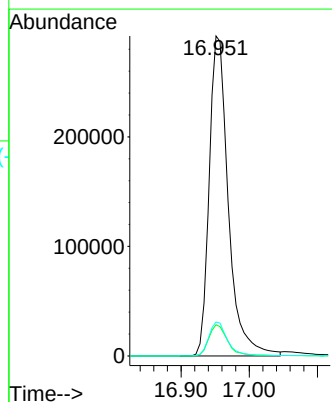
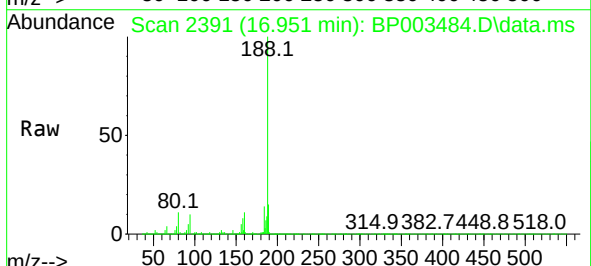
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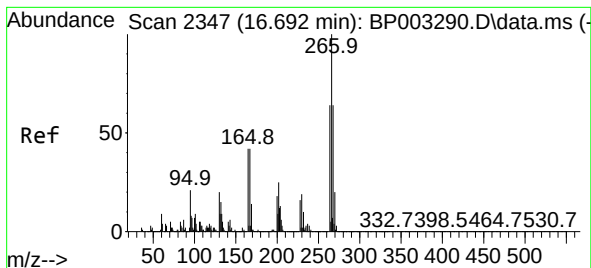
Tgt Ion:184 Resp: 15
Ion Ratio Lower Upper
184 100
63 17.4 32.3 48.5#
154 78.3 49.1 73.7#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 16.951 min Scan# 2391
Delta R.T. 0.012 min
Lab File: BP003484.D
Acq: 03 Oct 2020 07:58

Tgt Ion:188 Resp: 571212
Ion Ratio Lower Upper
188 100
94 9.8 6.2 9.2#
80 10.6 6.2 9.2#

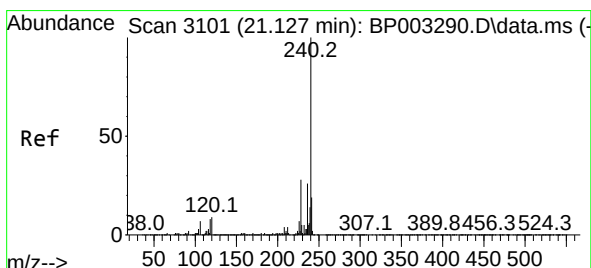
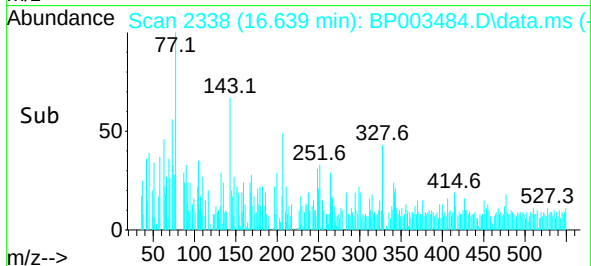
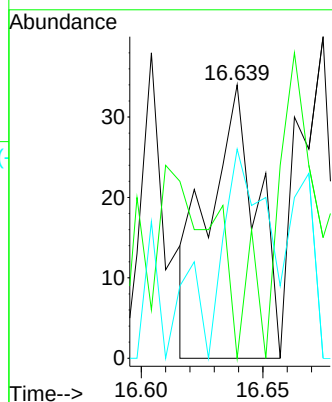
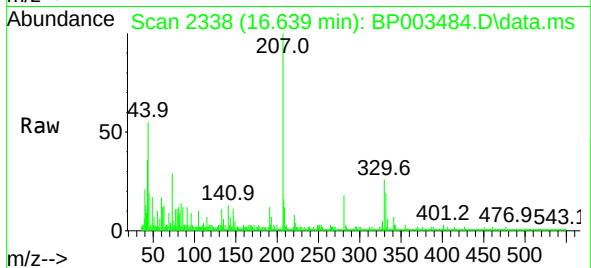




#70
Pentachlorophenol
Concen: 6.78 ng
RT: 16.639 min Scan# 2338
Delta R.T. 0.018 min
Lab File: BP003484.D
Acq: 03 Oct 2020 07:58

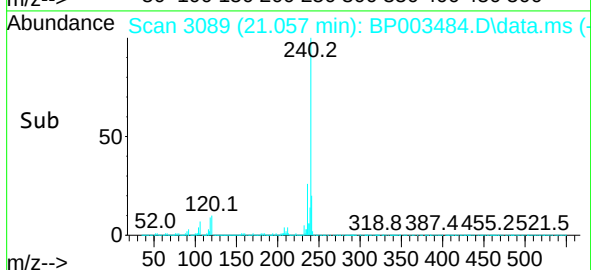
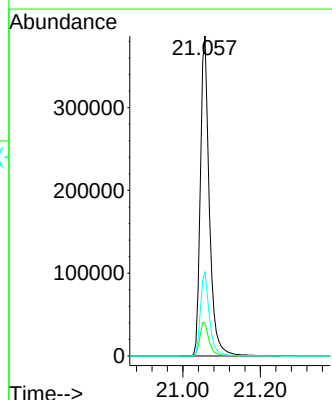
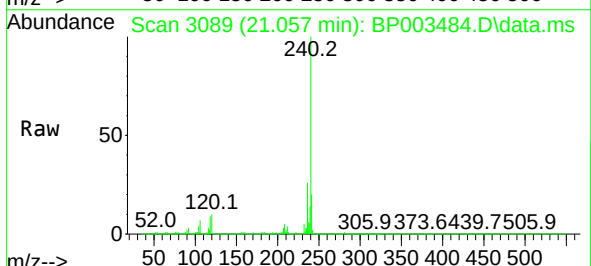
Instrument :
BNA_P
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RO-19

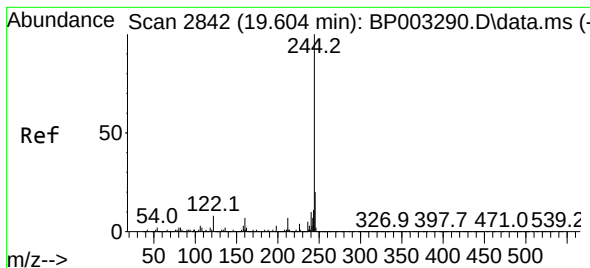
Tgt Ion:266 Resp: 47
Ion Ratio Lower Upper
266 100
268 0.0 51.1 76.7#
264 76.5 50.6 76.0#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.057 min Scan# 3089
Delta R.T. 0.006 min
Lab File: BP003484.D
Acq: 03 Oct 2020 07:58

Tgt Ion:240 Resp: 620583
Ion Ratio Lower Upper
240 100
120 10.3 7.8 11.6
236 26.2 20.8 31.2





#79

Terphenyl-d14

Concen: 86.77 ng

RT: 19.528 min Scan# 2829

Delta R.T. 0.000 min

Lab File: BP003484.D

Acq: 03 Oct 2020 07:58

Instrument :

BNA_P

ClientSampleId :

RO-19

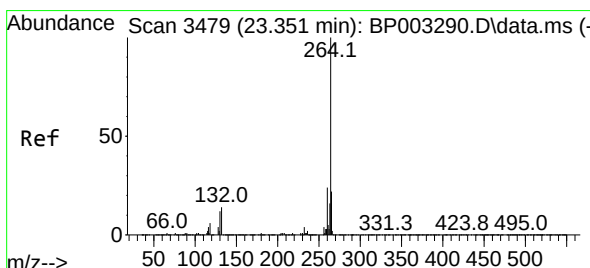
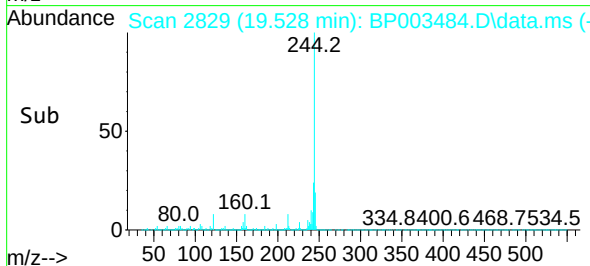
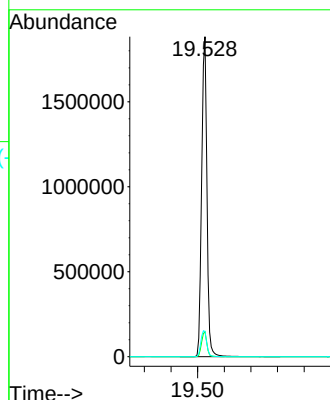
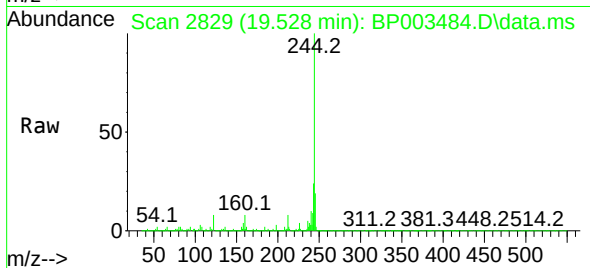
Tgt Ion:244 Resp: 2584430

Ion Ratio Lower Upper

244 100

212 7.8 5.8 8.6

122 7.9 7.8 11.8



#86

Perylene-d12

Concen: 20.00 ng

RT: 23.239 min Scan# 3460

Delta R.T. 0.006 min

Lab File: BP003484.D

Acq: 03 Oct 2020 07:58

Tgt Ion:264 Resp: 555347

Ion Ratio Lower Upper

264 100

260 24.7 18.8 28.2

265 21.9 17.4 26.2

