

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100220\
 Data File : BP003480.D
 Acq On : 03 Oct 2020 05:42
 Operator : CG/JU
 Sample : L4198-14
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 RO-10

Quant Time: Oct 03 06:24:06 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)

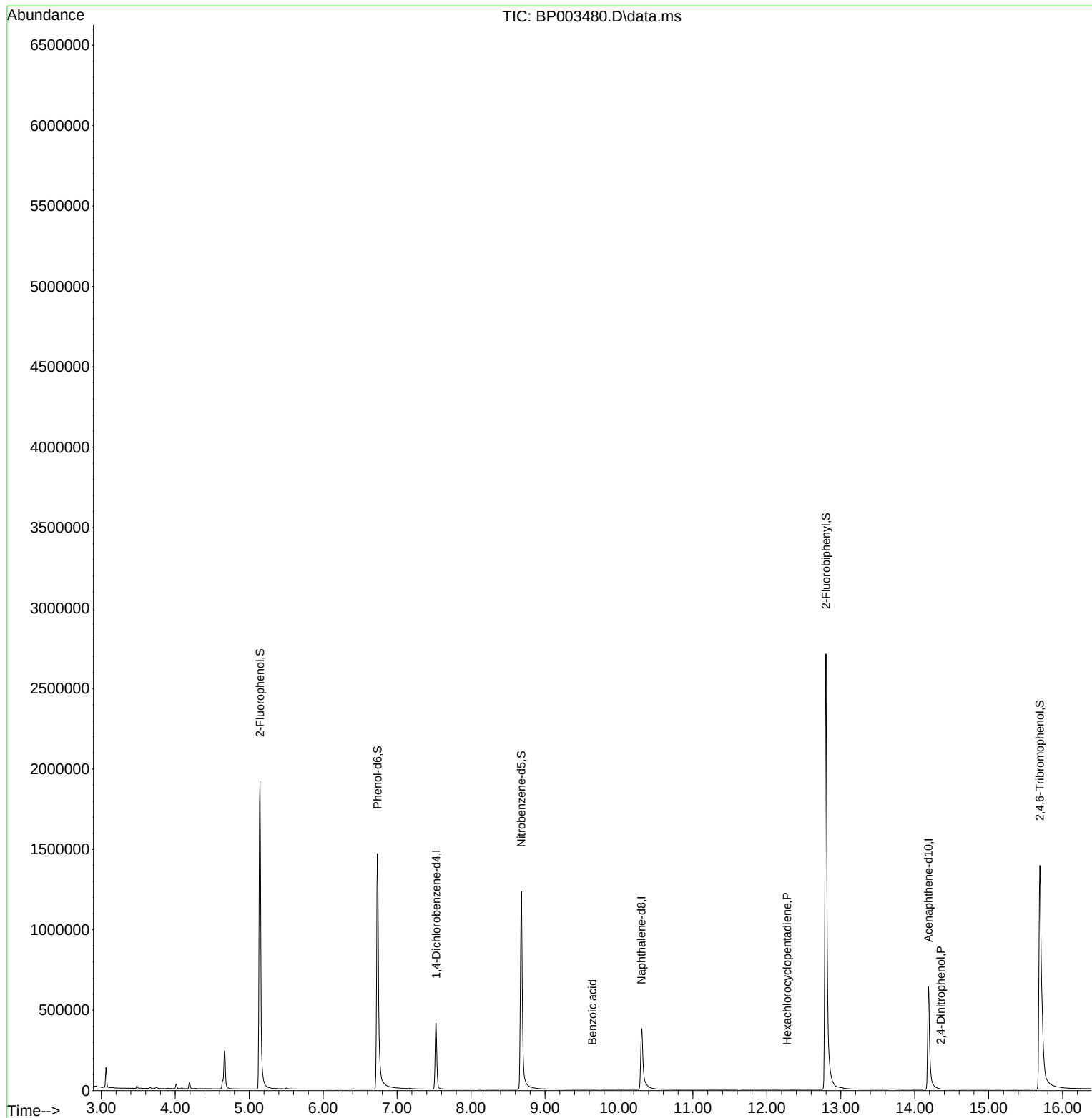
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.528	152	116395	20.00	ng	0.00
21) Naphthalene-d8	10.304	136	469147	20.00	ng	# 0.00
39) Acenaphthene-d10	14.186	164	282969	20.00	ng	0.00
64) Phenanthrene-d10	16.951	188	622158	20.00	ng	# 0.01
76) Chrysene-d12	21.057	240	626321	20.00	ng	0.00
86) Perylene-d12	23.245	264	541899	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.146	112	966185	144.95	ng	0.00
7) Phenol-d6	6.734	99	1145754	128.95	ng	0.00
23) Nitrobenzene-d5	8.681	82	903831	113.18	ng	0.00
42) 2,4,6-Tribromophenol	15.692	330	494136	114.49	ng	0.00
45) 2-Fluorobiphenyl	12.798	172	1844500	95.33	ng	0.00
79) Terphenyl-d14	19.527	244	2700330	89.83	ng	0.00
Target Compounds						
						Qvalue
32) Benzoic acid	9.640	122	49	9.16	ng	90
41) Hexachlorocyclopentadiene	12.275	237	12	6.84	ng	76
54) 2,4-Dinitrophenol	14.351	184	16	7.26	ng	# 29
70) Pentachlorophenol	16.628	266	40	6.78	ng	# 72

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

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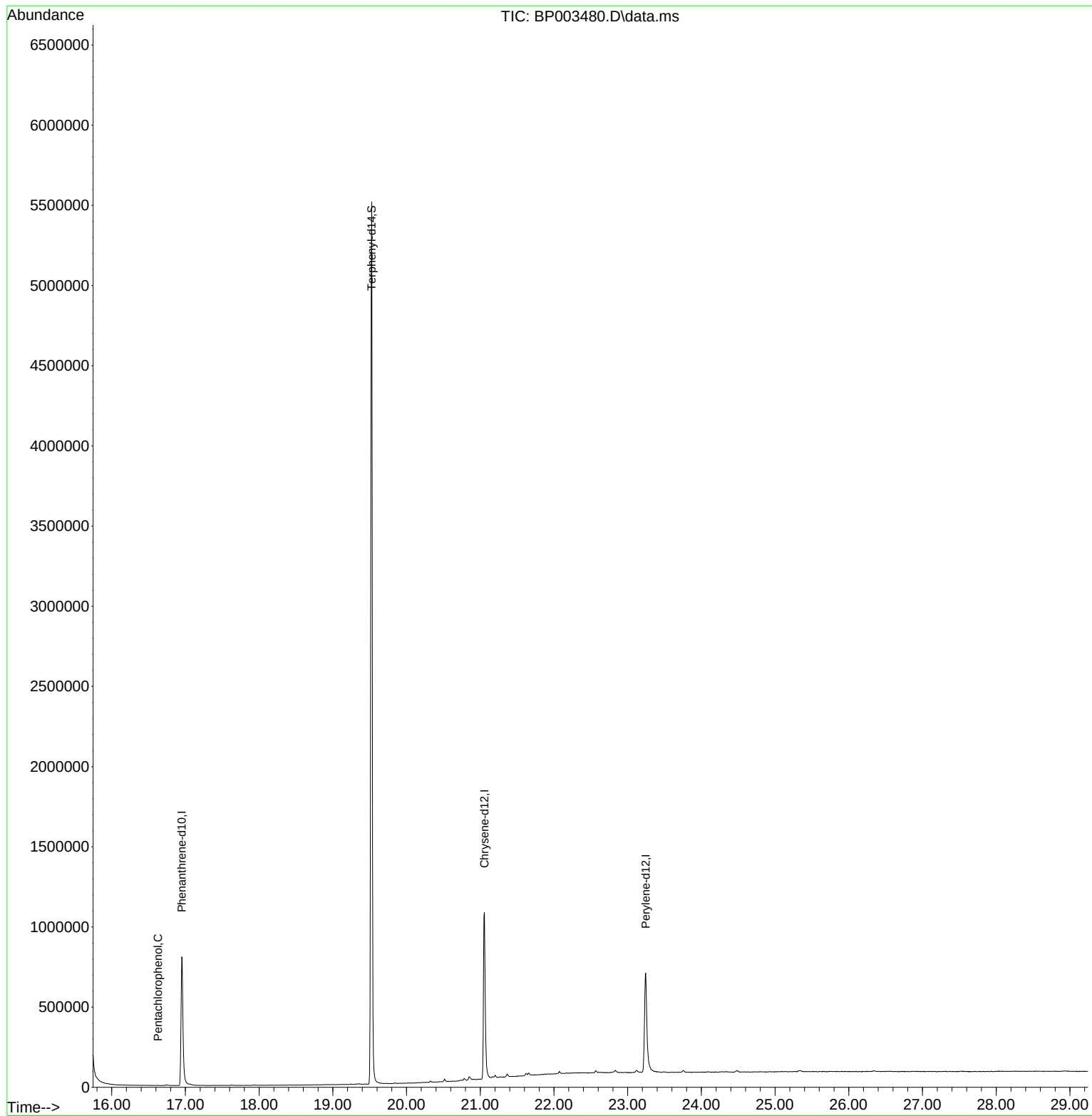
Quant Time: Oct 03 06:24:06 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP091520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 02 11:17:24 2020
Response via : Initial Calibration

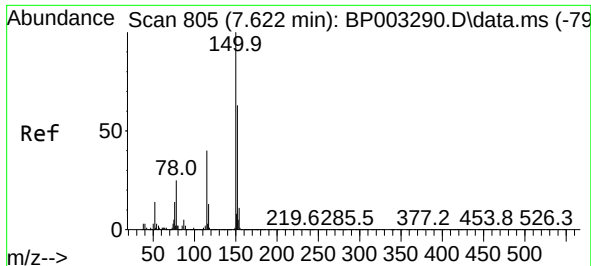


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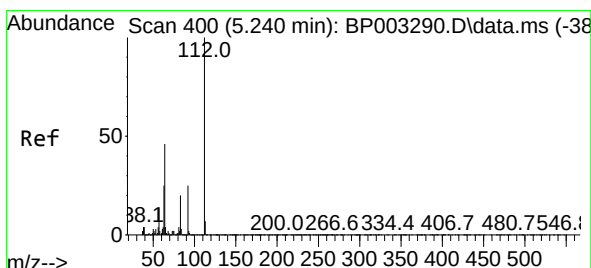
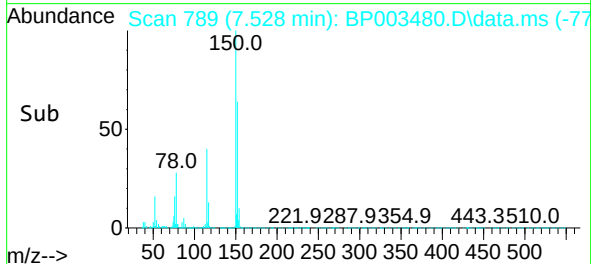
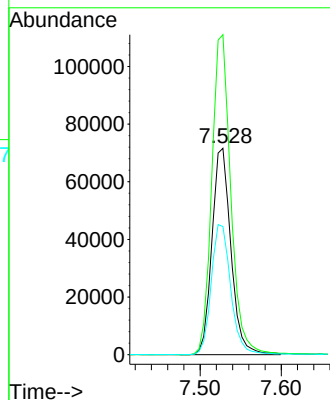
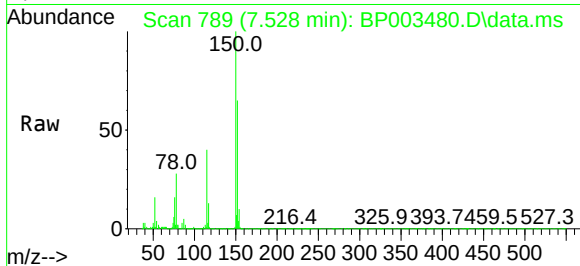




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.528 min Scan# 789
Delta R.T. 0.000 min
Lab File: BP003480.D
Acq: 03 Oct 2020 05:42

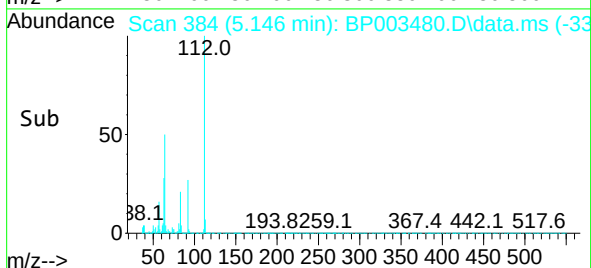
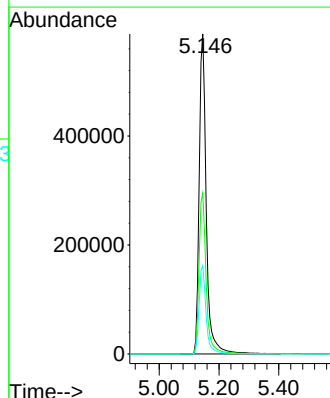
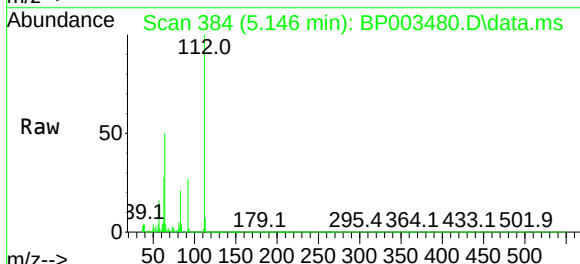
Instrument :
BNA_P
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RO-10

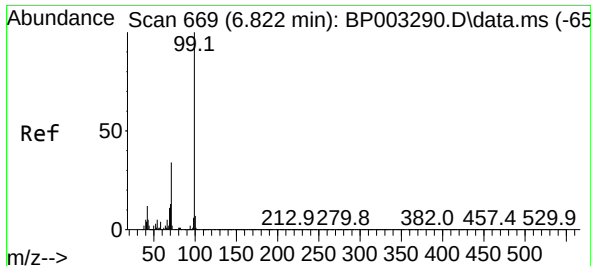
Tgt Ion:152 Resp: 116395
Ion Ratio Lower Upper
152 100
150 155.0 123.8 185.6
115 62.1 43.8 65.6



#5
2-Fluorophenol
Concen: 144.95 ng
RT: 5.146 min Scan# 384
Delta R.T. 0.006 min
Lab File: BP003480.D
Acq: 03 Oct 2020 05:42

Tgt Ion:112 Resp: 966185
Ion Ratio Lower Upper
112 100
64 50.3 32.8 49.2#
63 27.6 17.0 25.4#

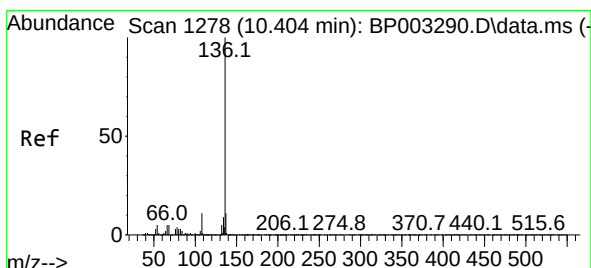
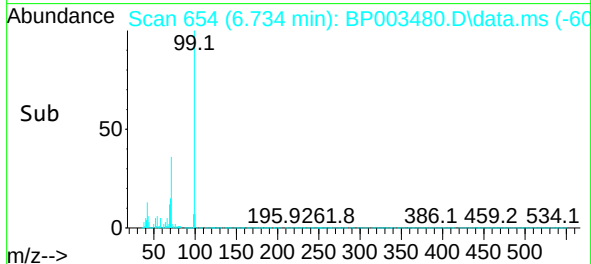
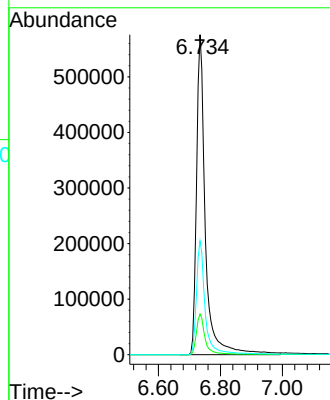
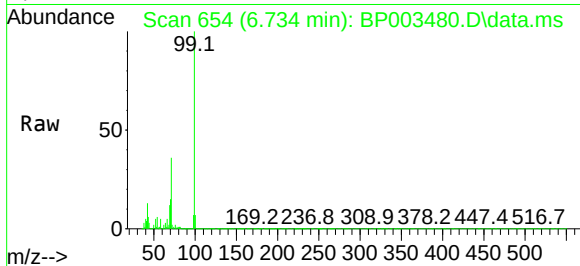




#7
Phenol-d6
Concen: 128.95 ng
RT: 6.734 min Scan# 654
Delta R.T. -0.000 min
Lab File: BP003480.D
Acq: 03 Oct 2020 05:42

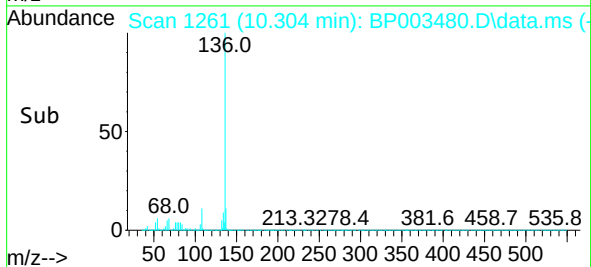
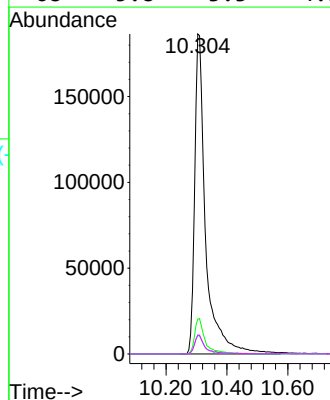
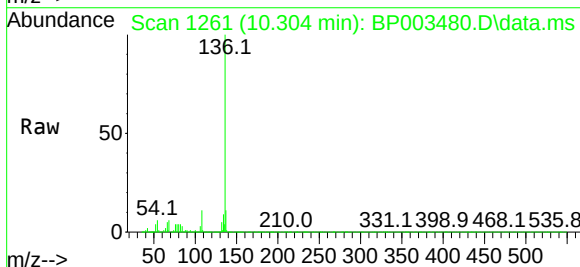
Instrument :
BNA_P
ClientSampleId :
RO-10

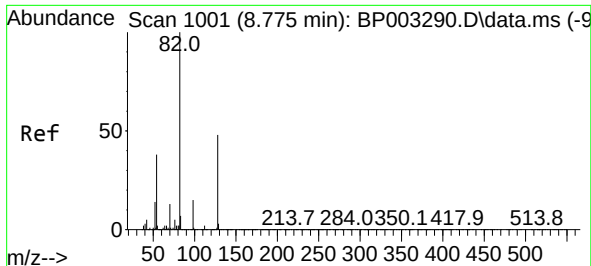
Tgt Ion: 99 Resp: 1145754
Ion Ratio Lower Upper
99 100
42 12.7 8.6 13.0
71 35.6 23.4 35.2#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.304 min Scan# 1261
Delta R.T. -0.000 min
Lab File: BP003480.D
Acq: 03 Oct 2020 05:42

Tgt Ion: 136 Resp: 469147
Ion Ratio Lower Upper
136 100
137 10.9 8.6 13.0
54 6.0 3.6 5.4#
68 5.8 3.3 4.9#

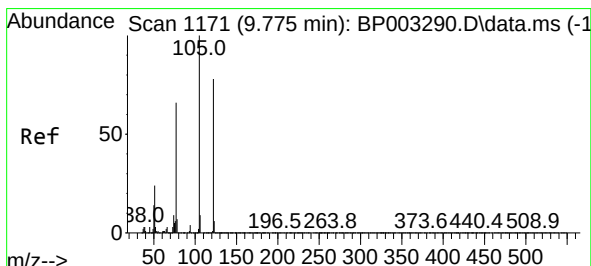
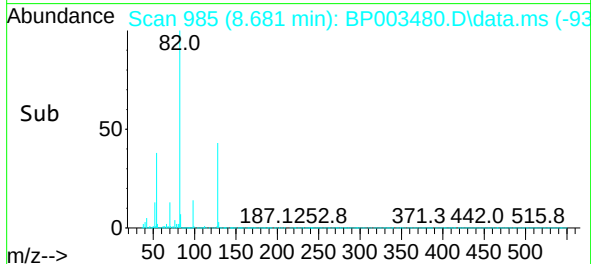
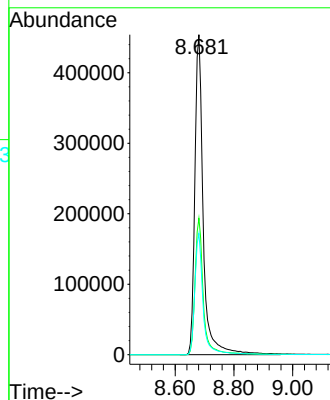
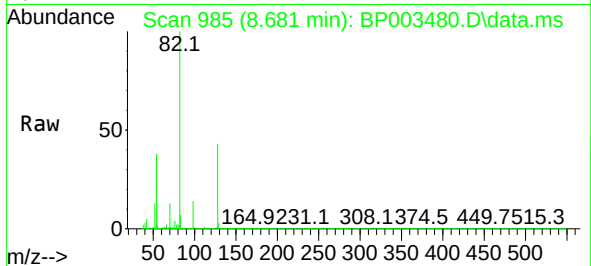




#23
Nitrobenzene-d5
Concen: 113.18 ng
RT: 8.681 min Scan# 985
Delta R.T. -0.000 min
Lab File: BP003480.D
Acq: 03 Oct 2020 05:42

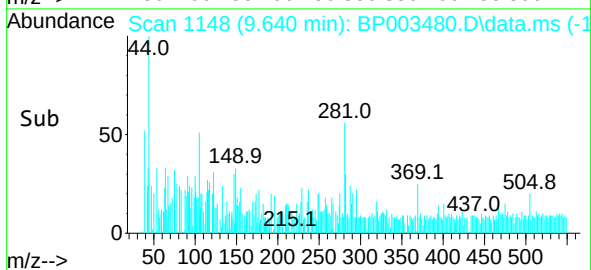
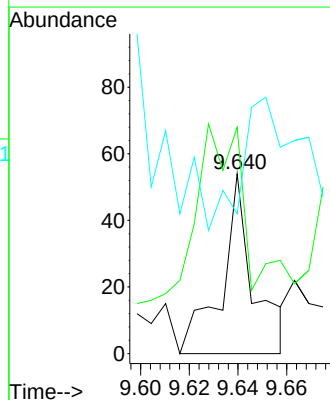
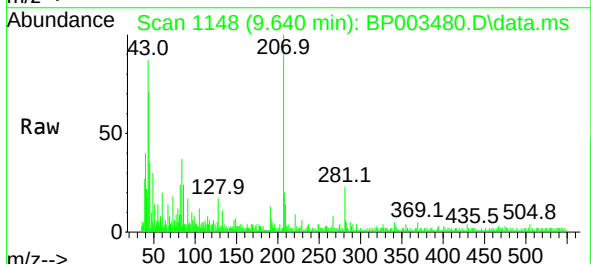
Instrument :
BNA_P
ClientSampled :
RO-10

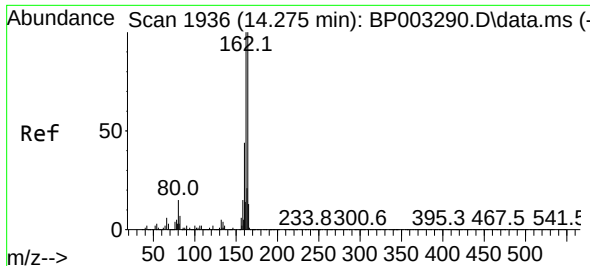
Tgt Ion: 82 Resp: 903831
Ion Ratio Lower Upper
82 100
128 42.7 45.6 68.4#
54 37.9 30.1 45.1



#32
Benzoic acid
Concen: 9.16 ng
RT: 9.640 min Scan# 1148
Delta R.T. -0.082 min
Lab File: BP003480.D
Acq: 03 Oct 2020 05:42

Tgt Ion: 122 Resp: 49
Ion Ratio Lower Upper
122 100
105 125.9 94.1 134.1
77 77.8 50.1 90.1

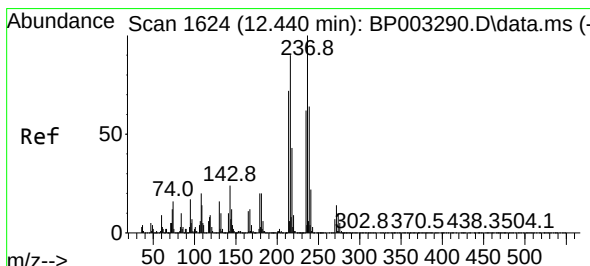
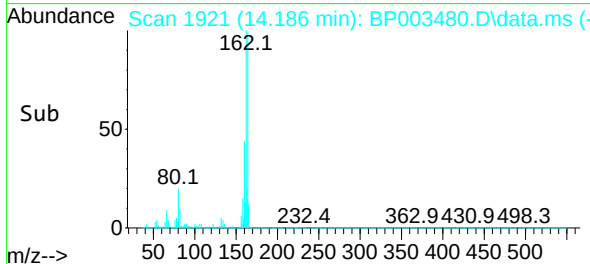
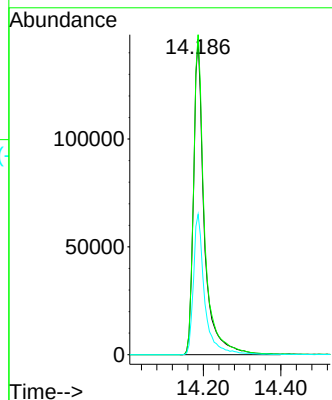
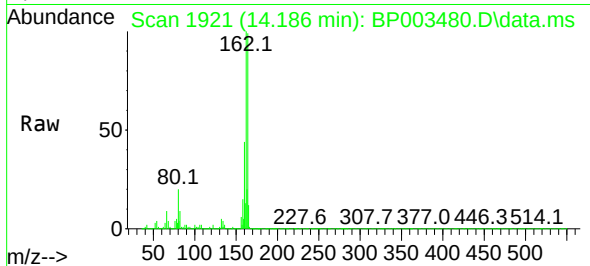




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.186 min Scan# 1921
Delta R.T. -0.000 min
Lab File: BP003480.D
Acq: 03 Oct 2020 05:42

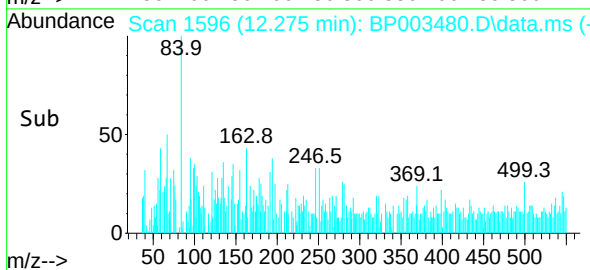
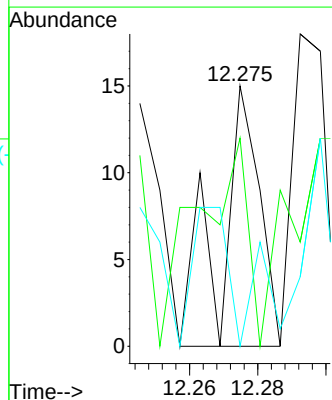
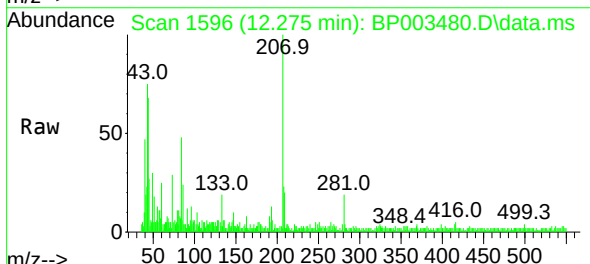
Instrument :
BNA_P
ClientSampleId :
RO-10

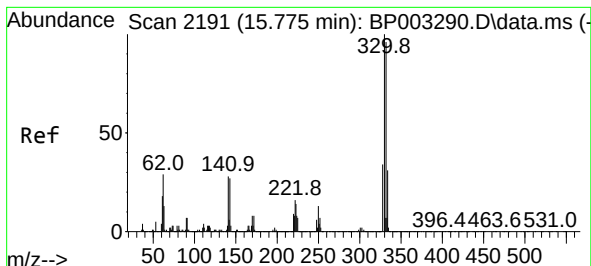
Tgt Ion:164 Resp: 282969
Ion Ratio Lower Upper
164 100
162 101.4 79.4 119.2
160 44.5 36.1 54.1



#41
Hexachlorocyclopentadiene
Concen: 6.84 ng
RT: 12.275 min Scan# 1596
Delta R.T. -0.065 min
Lab File: BP003480.D
Acq: 03 Oct 2020 05:42

Tgt Ion:237 Resp: 12
Ion Ratio Lower Upper
237 100
235 80.0 43.2 83.2
272 0.0 0.0 33.3

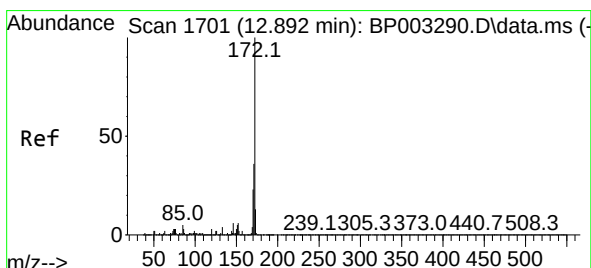
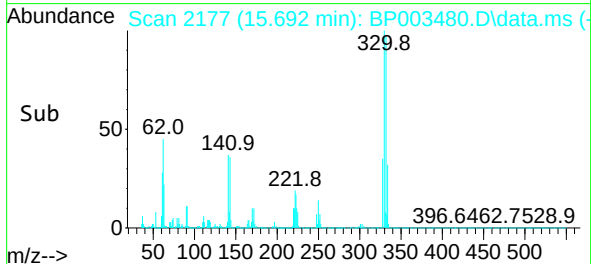
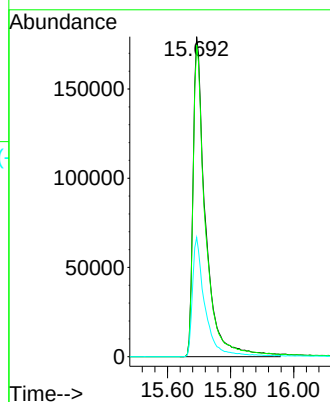
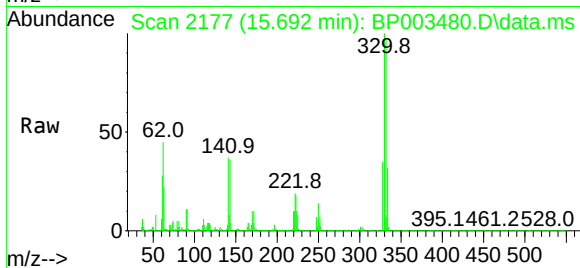




#42
2,4,6-Tribromophenol
Concen: 114.49 ng
RT: 15.692 min Scan# 2177
Delta R.T. -0.000 min
Lab File: BP003480.D
Acq: 03 Oct 2020 05:42

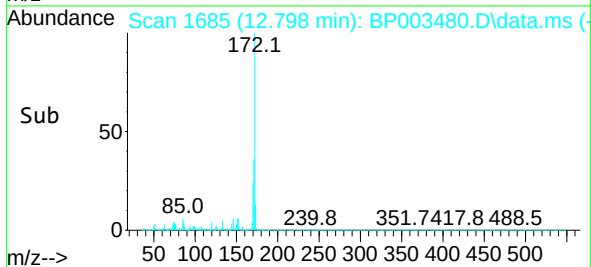
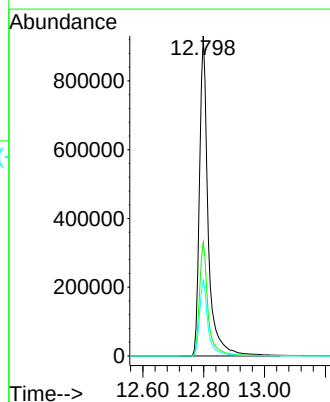
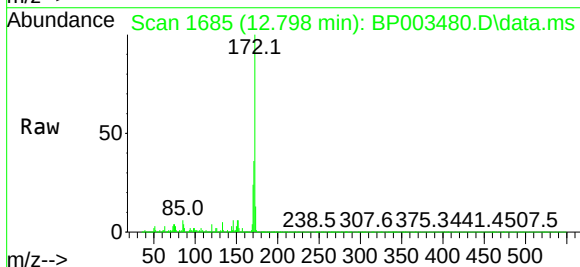
Instrument :
BNA_P
ClientSampleId :
RO-10

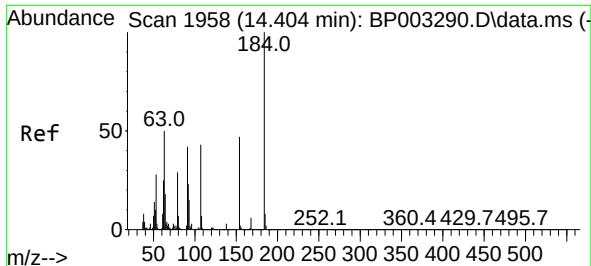
Tgt Ion:330 Resp: 494136
Ion Ratio Lower Upper
330 100
332 97.1 77.1 115.7
141 36.9 23.4 35.2#



#45
2-Fluorobiphenyl
Concen: 95.33 ng
RT: 12.798 min Scan# 1685
Delta R.T. -0.000 min
Lab File: BP003480.D
Acq: 03 Oct 2020 05:42

Tgt Ion:172 Resp: 1844500
Ion Ratio Lower Upper
172 100
171 35.5 28.5 42.7
170 23.6 19.2 28.8

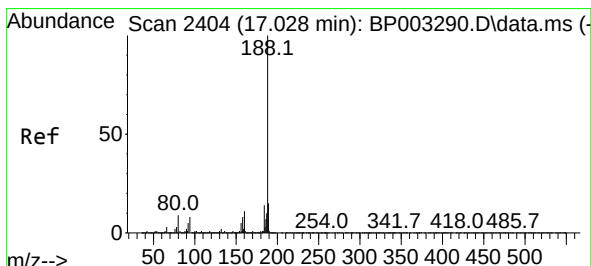
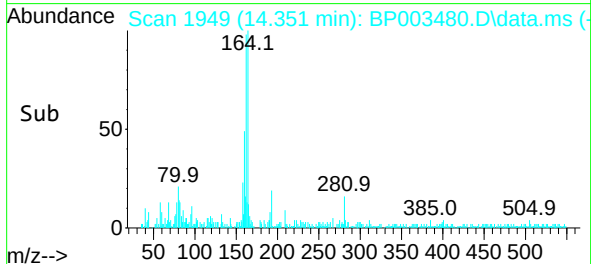
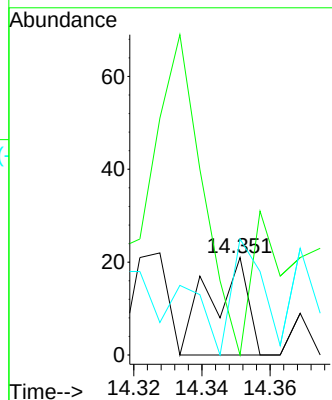
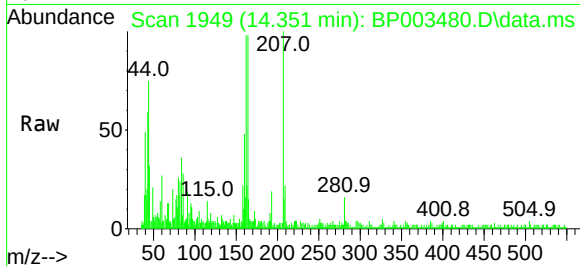




#54
2,4-Dinitrophenol
Concen: 7.26 ng
RT: 14.351 min Scan# 1949
Delta R.T. 0.006 min
Lab File: BP003480.D
Acq: 03 Oct 2020 05:42

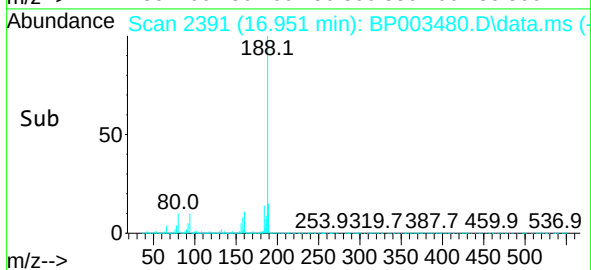
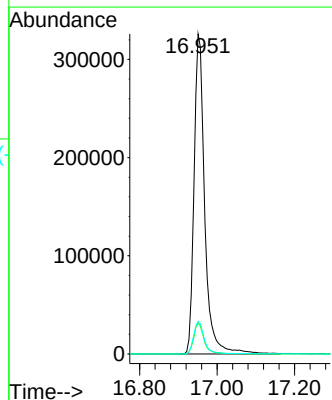
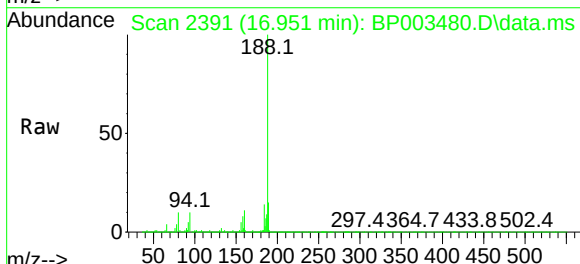
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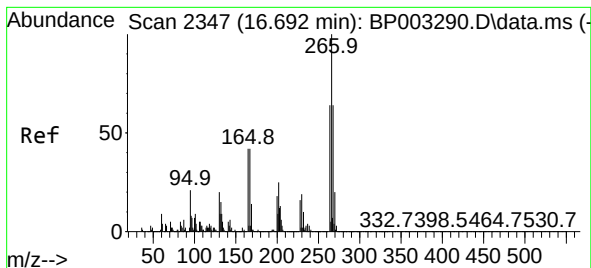
Tgt Ion:184 Resp: 16
Ion Ratio Lower Upper
184 100
63 0.0 32.3 48.5#
154 119.0 49.1 73.7#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 16.951 min Scan# 2391
Delta R.T. 0.012 min
Lab File: BP003480.D
Acq: 03 Oct 2020 05:42

Tgt Ion:188 Resp: 622158
Ion Ratio Lower Upper
188 100
94 9.7 6.2 9.2#
80 10.2 6.2 9.2#

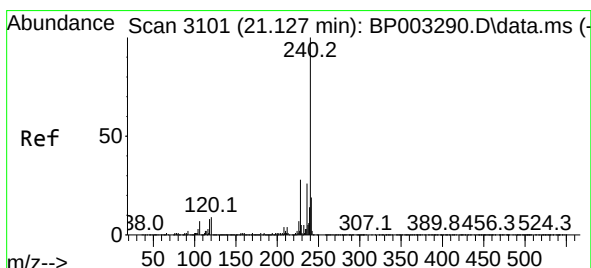
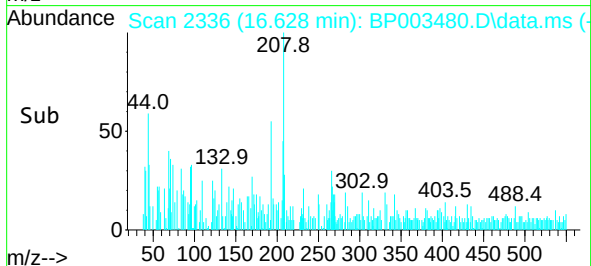
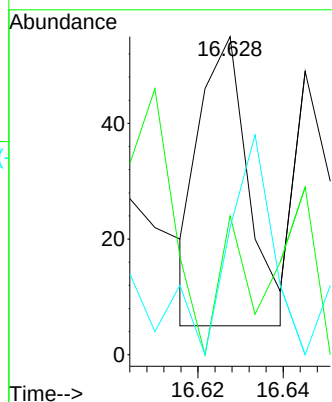
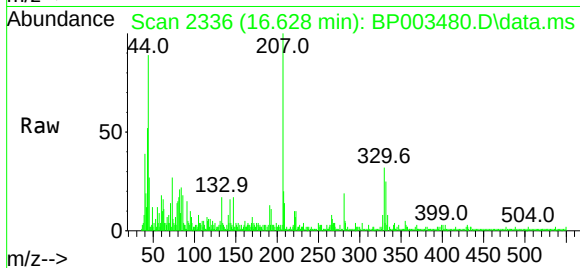




#70
Pentachlorophenol
Concen: 6.78 ng
RT: 16.628 min Scan# 2336
Delta R.T. 0.006 min
Lab File: BP003480.D
Acq: 03 Oct 2020 05:42

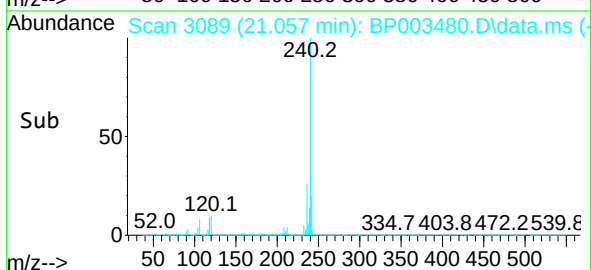
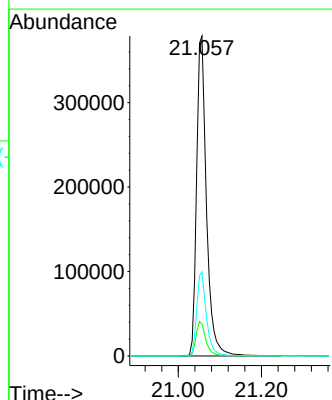
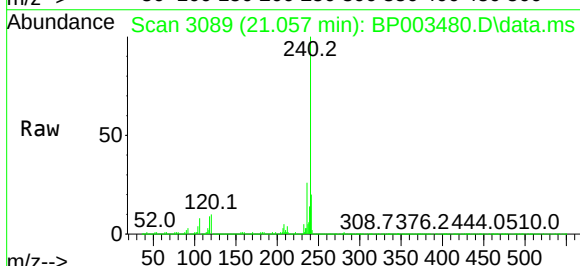
Instrument :
BNA_P
ClientSampled :
RO-10

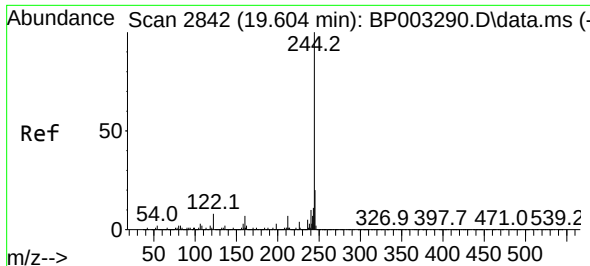
Tgt Ion:266 Resp: 40
Ion Ratio Lower Upper
266 100
268 43.6 51.1 76.7#
264 40.0 50.6 76.0#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.057 min Scan# 3089
Delta R.T. 0.006 min
Lab File: BP003480.D
Acq: 03 Oct 2020 05:42

Tgt Ion:240 Resp: 626321
Ion Ratio Lower Upper
240 100
120 10.0 7.8 11.6
236 26.3 20.8 31.2

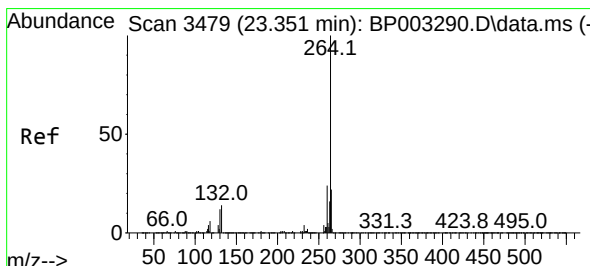
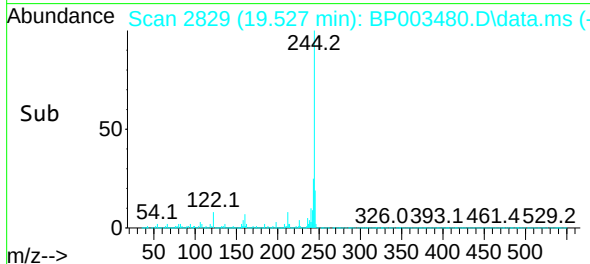
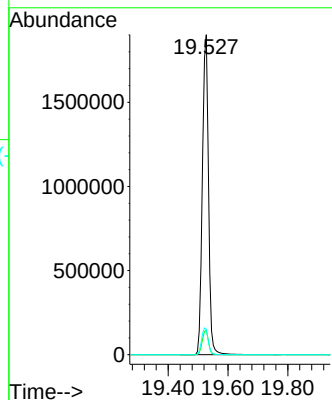
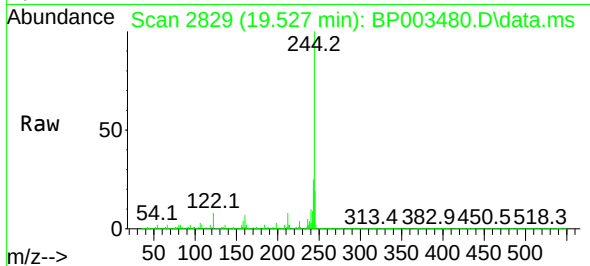




#79
Terphenyl-d14
Concen: 89.83 ng
RT: 19.527 min Scan# 2829
Delta R.T. -0.000 min
Lab File: BP003480.D
Acq: 03 Oct 2020 05:42

Instrument :
BNA_P
ClientSampleId :
RO-10

Tgt Ion:244 Resp: 2700330
Ion Ratio Lower Upper
244 100
212 7.7 5.8 8.6
122 8.0 7.8 11.8



#86
Perylene-d12
Concen: 20.00 ng
RT: 23.245 min Scan# 3461
Delta R.T. 0.012 min
Lab File: BP003480.D
Acq: 03 Oct 2020 05:42

Tgt Ion:264 Resp: 541899
Ion Ratio Lower Upper
264 100
260 24.4 18.8 28.2
265 21.6 17.4 26.2

