

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100220\
 Data File : BP003485.D
 Acq On : 03 Oct 2020 08:32
 Operator : CG/JU
 Sample : L4198-32
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 RO-4

Quant Time: Oct 05 00:17:15 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

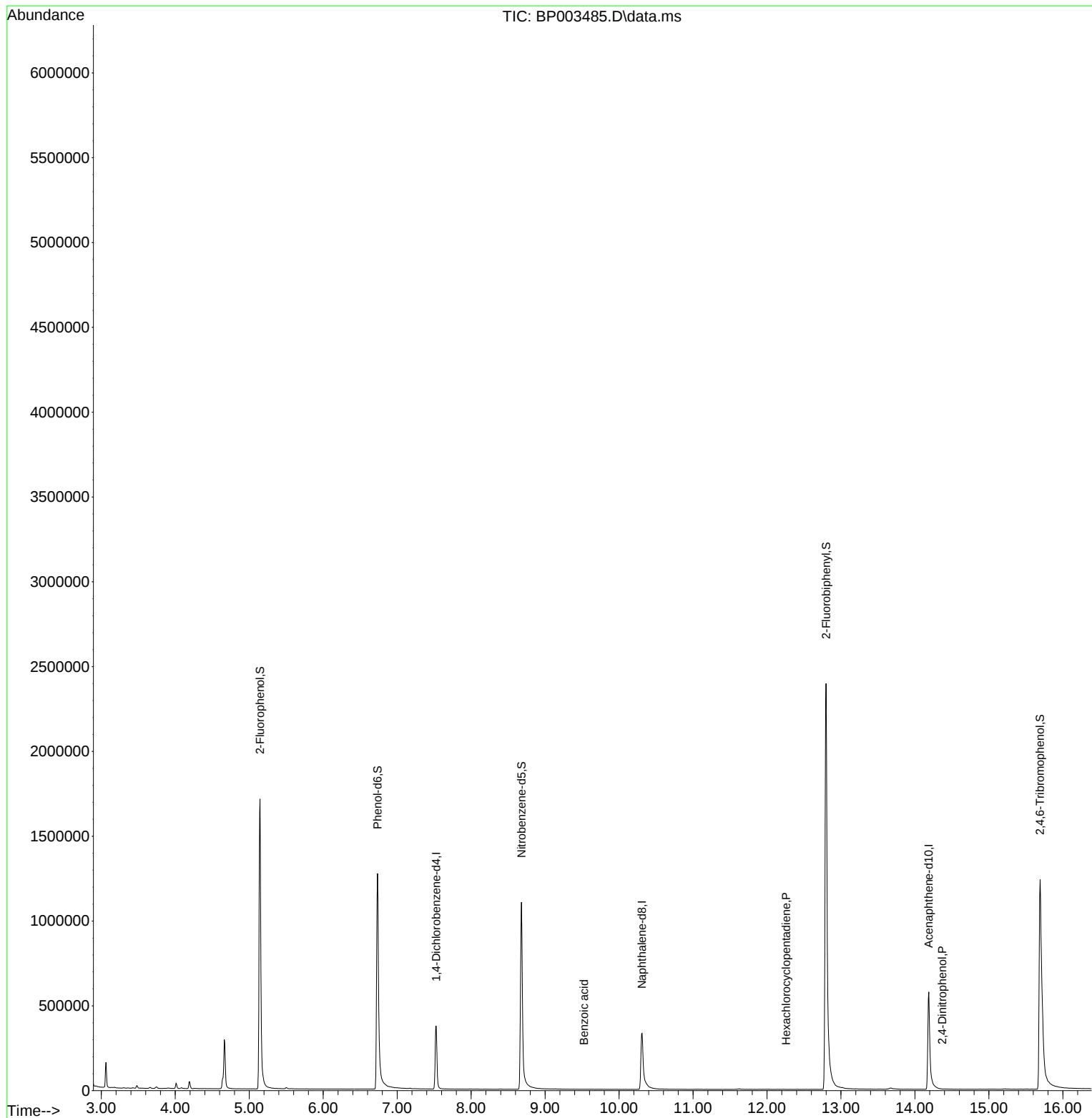
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.528	152	107541	20.00	ng	0.00
21) Naphthalene-d8	10.310	136	431709	20.00	ng	# 0.00
39) Acenaphthene-d10	14.187	164	267838	20.00	ng	0.00
64) Phenanthrene-d10	16.951	188	595101	20.00	ng	# 0.01
76) Chrysene-d12	21.057	240	614723	20.00	ng	0.00
86) Perylene-d12	23.239	264	546019	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.146	112	885790	143.83	ng	0.00
7) Phenol-d6	6.734	99	1021867	124.48	ng	0.00
23) Nitrobenzene-d5	8.681	82	832010	113.22	ng	0.00
42) 2,4,6-Tribromophenol	15.692	330	449918	110.13	ng	0.00
45) 2-Fluorobiphenyl	12.799	172	1722516	94.06	ng	0.00
79) Terphenyl-d14	19.528	244	2546200	86.30	ng	0.00
Target Compounds						
32) Benzoic acid	9.528	122	39	9.16	ng	Qvalue 94
41) Hexachlorocyclopentadiene	12.257	237	12	6.84	ng	74
54) 2,4-Dinitrophenol	14.369	184	26	7.26	ng	# 1
70) Pentachlorophenol	16.634	266	25	6.78	ng	# 6

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

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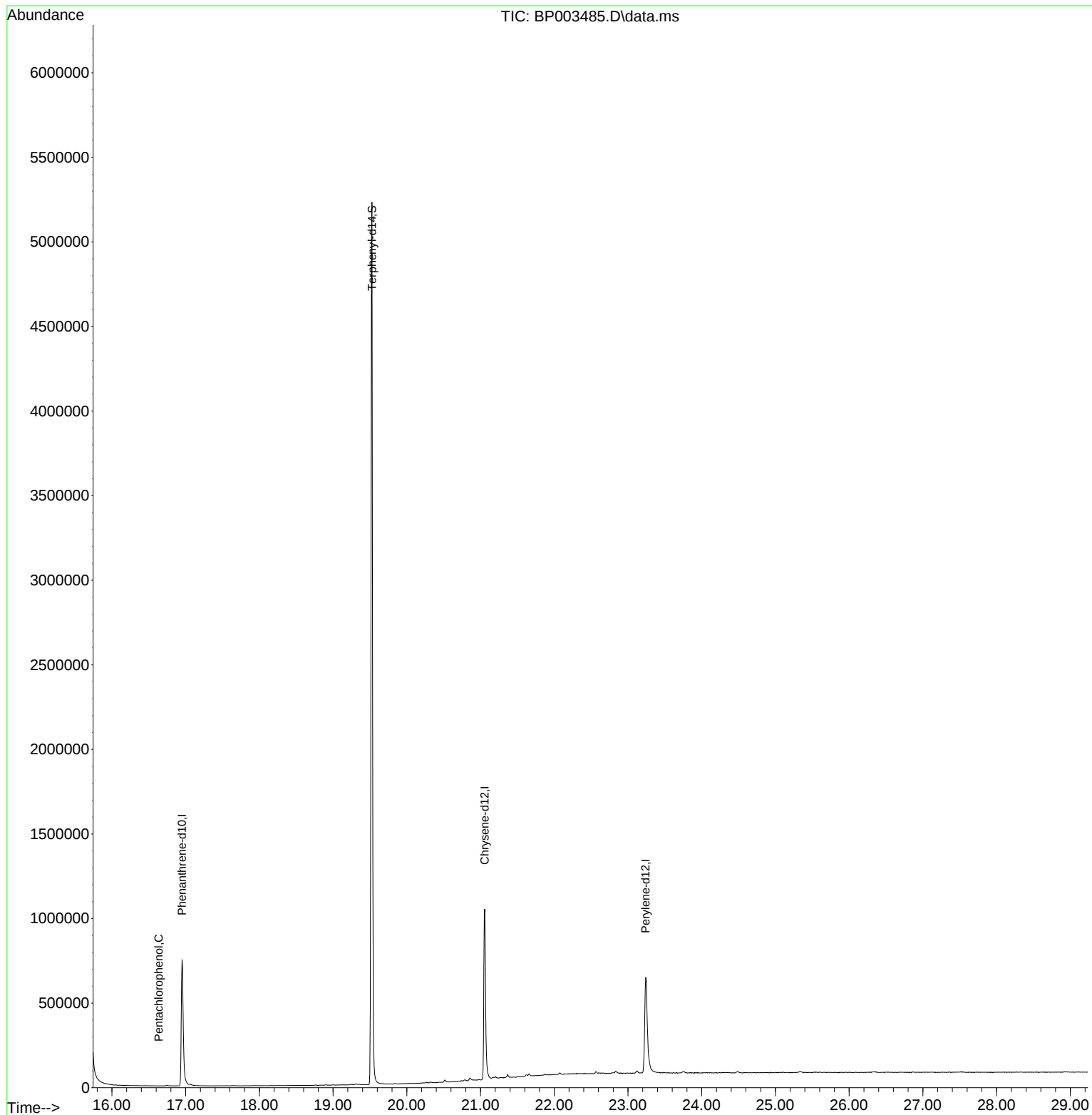
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 02 11:17:24 2020
Response via : Initial Calibration

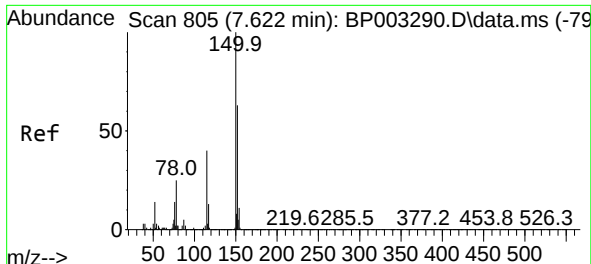


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QLast Update : Fri Oct 02 11:17:24 2020
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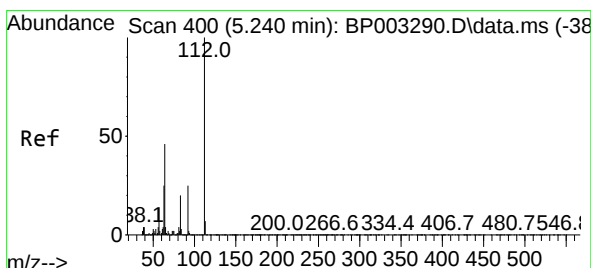
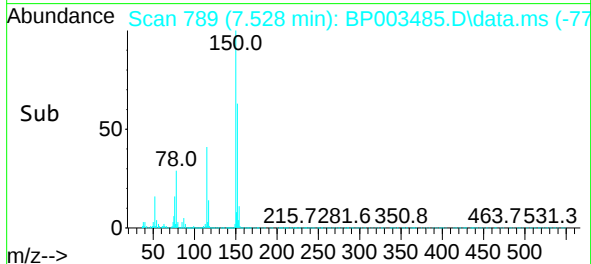
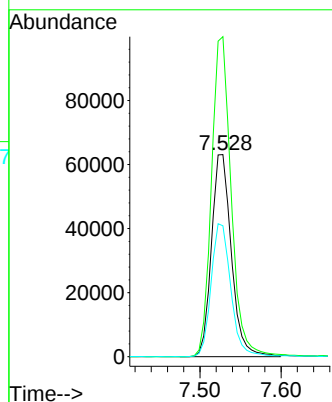
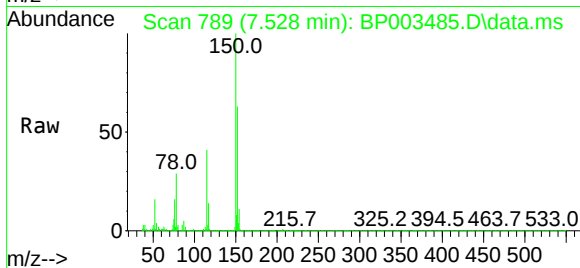




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.528 min Scan# 789
Delta R.T. 0.000 min
Lab File: BP003485.D
Acq: 03 Oct 2020 08:32

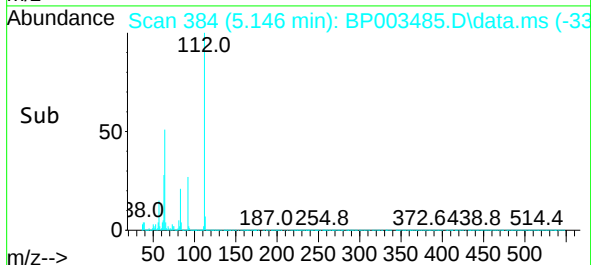
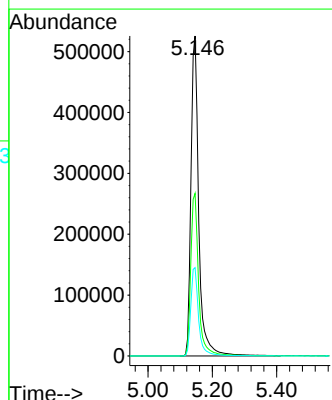
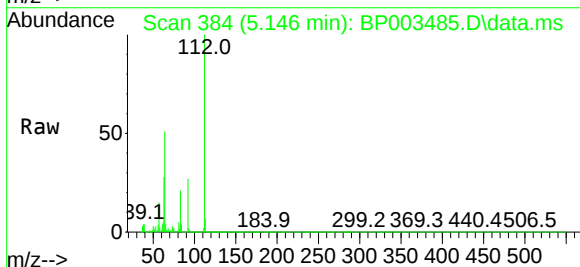
Instrument :
BNA_P
ClientSampleId :
RO-4

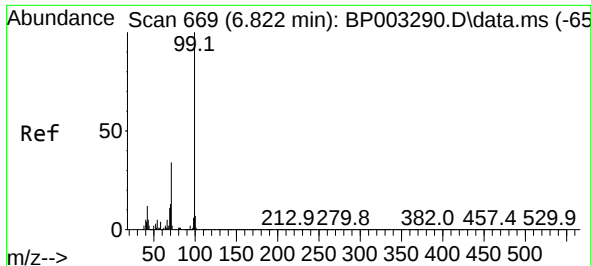
Tgt Ion:152 Resp: 107541
Ion Ratio Lower Upper
152 100
150 158.3 123.8 185.6
115 64.7 43.8 65.6



#5
2-Fluorophenol
Concen: 143.83 ng
RT: 5.146 min Scan# 384
Delta R.T. 0.006 min
Lab File: BP003485.D
Acq: 03 Oct 2020 08:32

Tgt Ion:112 Resp: 885790
Ion Ratio Lower Upper
112 100
64 50.8 32.8 49.2#
63 27.6 17.0 25.4#

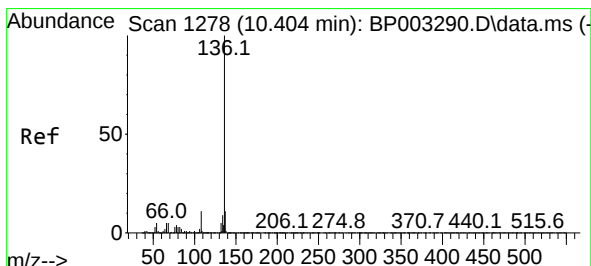
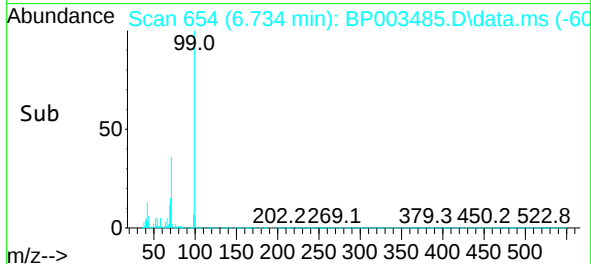
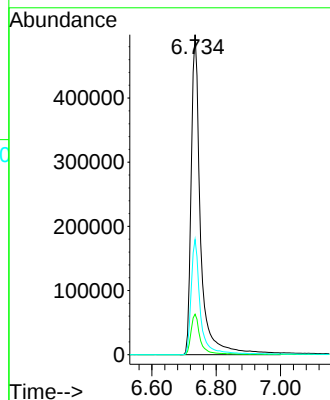
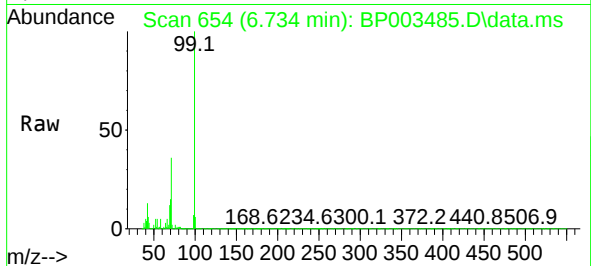




#7
Phenol-d6
Concen: 124.48 ng
RT: 6.734 min Scan# 654
Delta R.T. 0.000 min
Lab File: BP003485.D
Acq: 03 Oct 2020 08:32

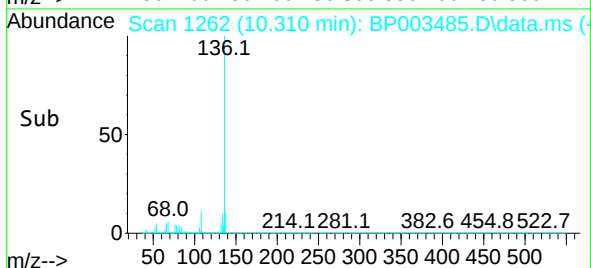
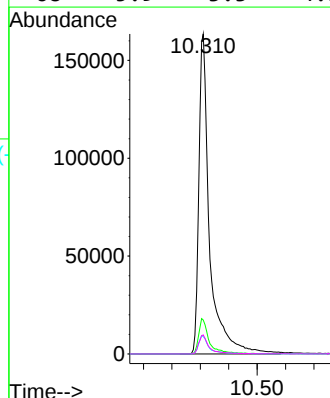
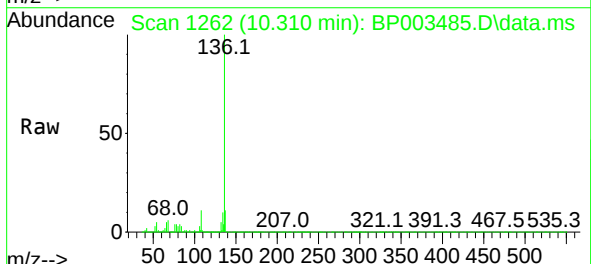
Instrument :
BNA_P
ClientSampleId :
RO-4

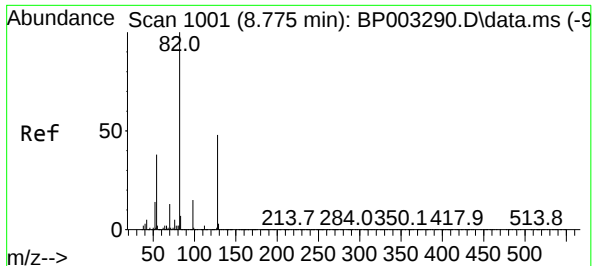
Tgt Ion: 99 Resp: 1021867
Ion Ratio Lower Upper
99 100
42 12.7 8.6 13.0
71 36.0 23.4 35.2#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.310 min Scan# 1262
Delta R.T. 0.006 min
Lab File: BP003485.D
Acq: 03 Oct 2020 08:32

Tgt Ion: 136 Resp: 431709
Ion Ratio Lower Upper
136 100
137 10.6 8.6 13.0
54 5.4 3.6 5.4#
68 5.9 3.3 4.9#

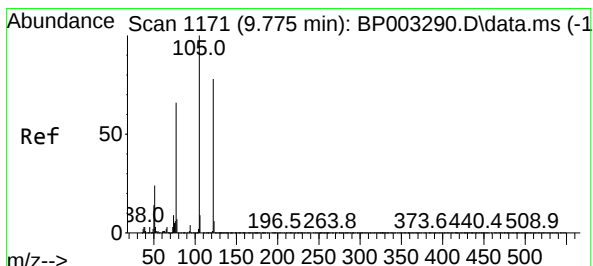
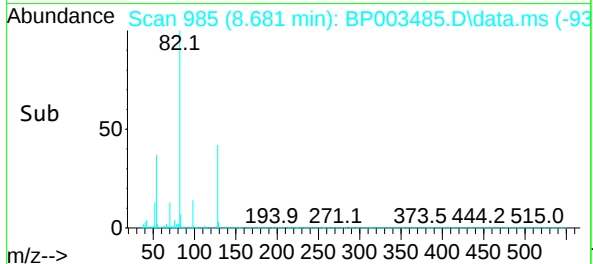
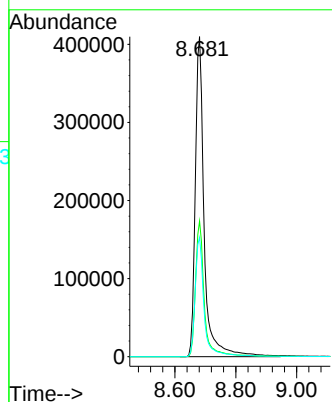
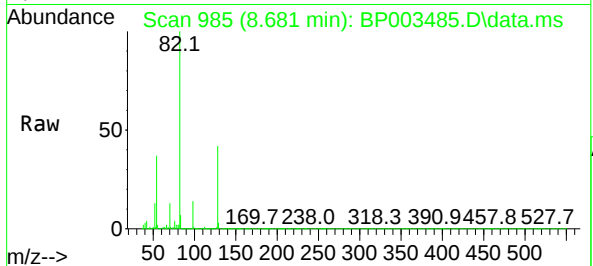




#23
Nitrobenzene-d5
Concen: 113.22 ng
RT: 8.681 min Scan# 985
Delta R.T. 0.000 min
Lab File: BP003485.D
Acq: 03 Oct 2020 08:32

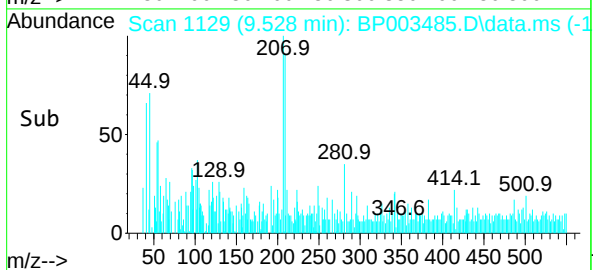
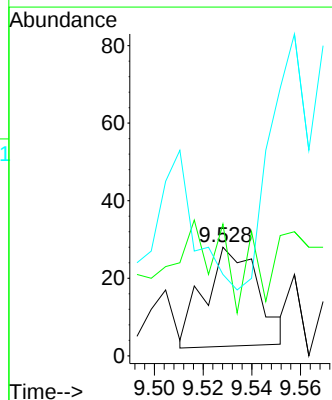
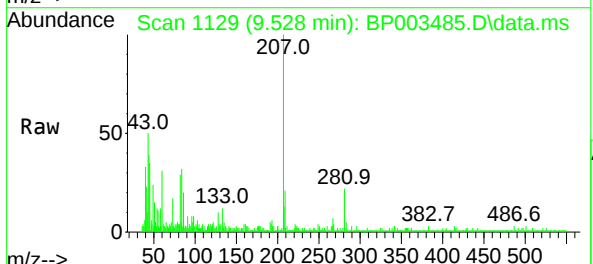
Instrument :
BNA_P
ClientSampled :
RO-4

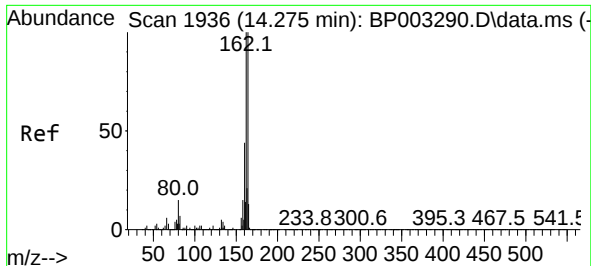
Tgt Ion: 82 Resp: 832010
Ion Ratio Lower Upper
82 100
128 42.4 45.6 68.4#
54 37.3 30.1 45.1



#32
Benzoic acid
Concen: 9.16 ng
RT: 9.528 min Scan# 1129
Delta R.T. -0.194 min
Lab File: BP003485.D
Acq: 03 Oct 2020 08:32

Tgt Ion: 122 Resp: 39
Ion Ratio Lower Upper
122 100
105 121.4 94.1 134.1
77 75.0 50.1 90.1

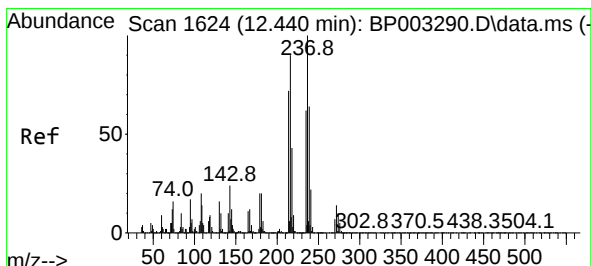
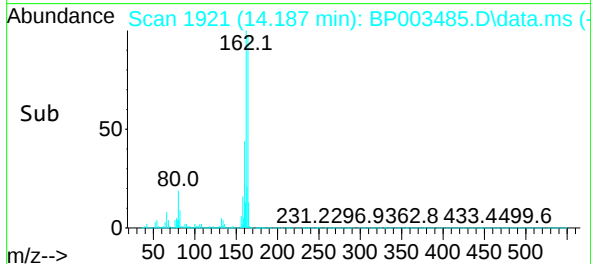
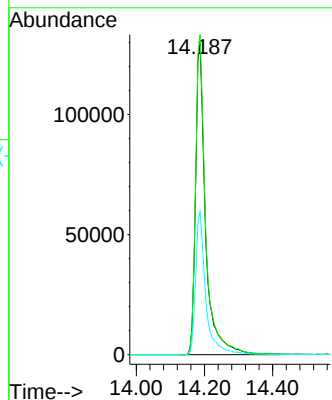
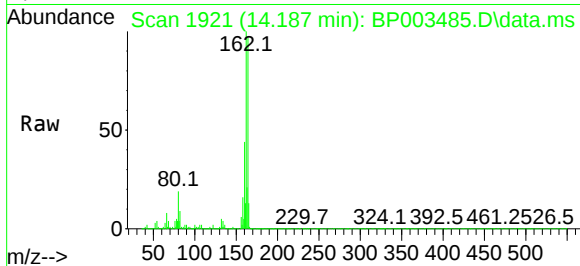




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.187 min Scan# 1921
Delta R.T. 0.000 min
Lab File: BP003485.D
Acq: 03 Oct 2020 08:32

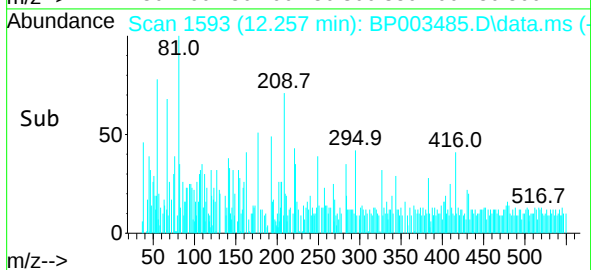
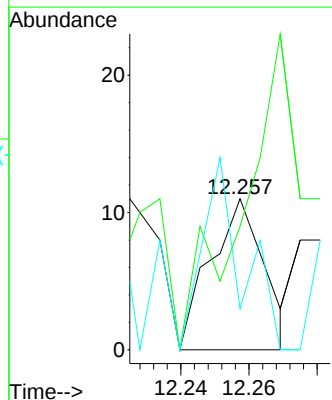
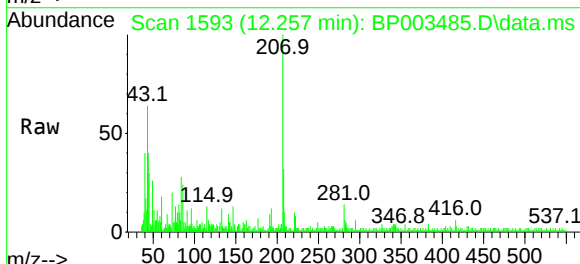
Instrument :
BNA_P
ClientSampled :
RO-4

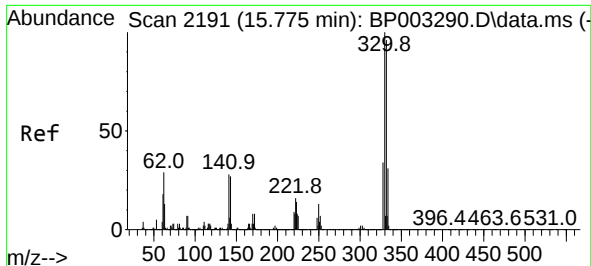
Tgt Ion:164 Resp: 267838
Ion Ratio Lower Upper
164 100
162 102.8 79.4 119.2
160 45.7 36.1 54.1



#41
Hexachlorocyclopentadiene
Concen: 6.84 ng
RT: 12.257 min Scan# 1593
Delta R.T. -0.082 min
Lab File: BP003485.D
Acq: 03 Oct 2020 08:32

Tgt Ion:237 Resp: 12
Ion Ratio Lower Upper
237 100
235 81.8 43.2 83.2
272 27.3 0.0 33.3

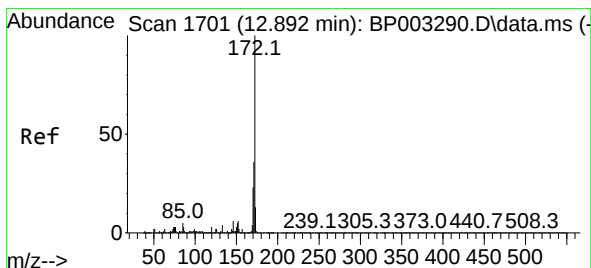
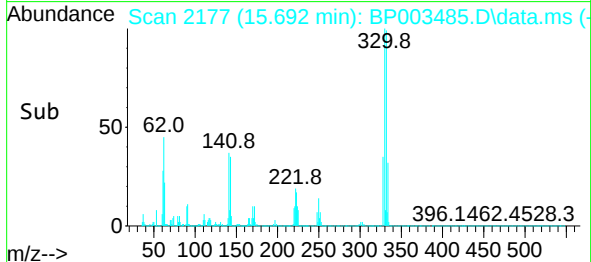
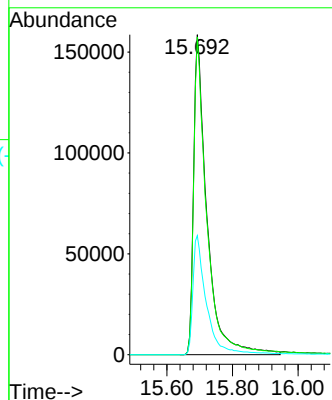
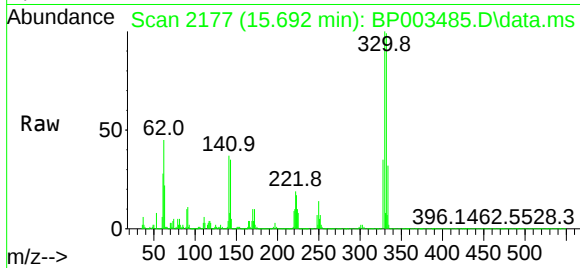




#42
2,4,6-Tribromophenol
Concen: 110.13 ng
RT: 15.692 min Scan# 2177
Delta R.T. 0.000 min
Lab File: BP003485.D
Acq: 03 Oct 2020 08:32

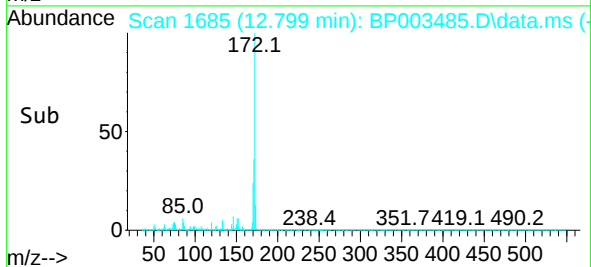
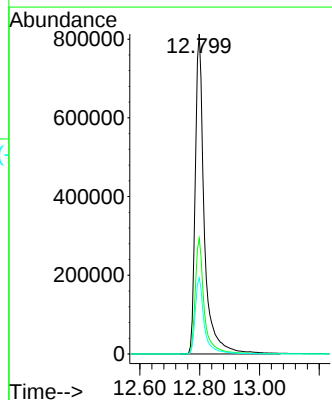
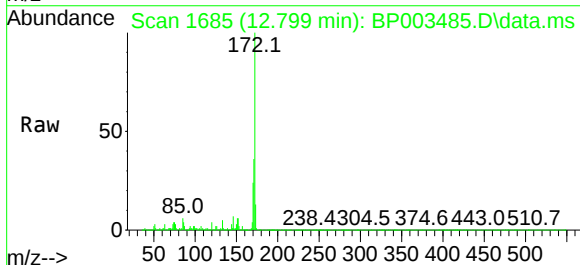
Instrument :
BNA_P
ClientSampleId :
RO-4

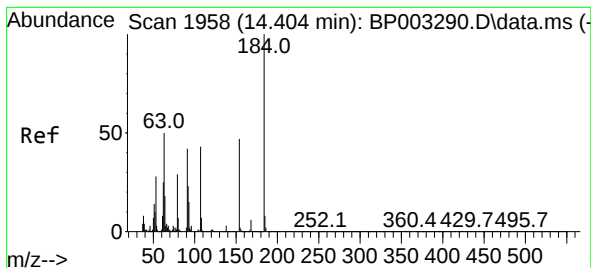
Tgt Ion:330 Resp: 449918
Ion Ratio Lower Upper
330 100
332 96.7 77.1 115.7
141 37.5 23.4 35.2#



#45
2-Fluorobiphenyl
Concen: 94.06 ng
RT: 12.799 min Scan# 1685
Delta R.T. 0.000 min
Lab File: BP003485.D
Acq: 03 Oct 2020 08:32

Tgt Ion:172 Resp: 1722516
Ion Ratio Lower Upper
172 100
171 36.1 28.5 42.7
170 23.7 19.2 28.8

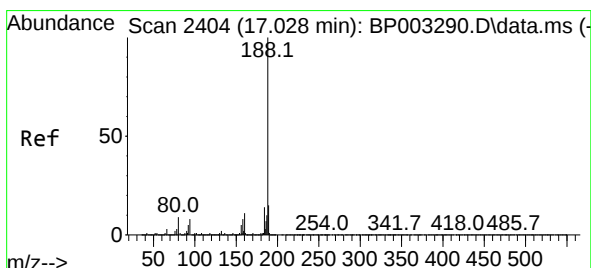
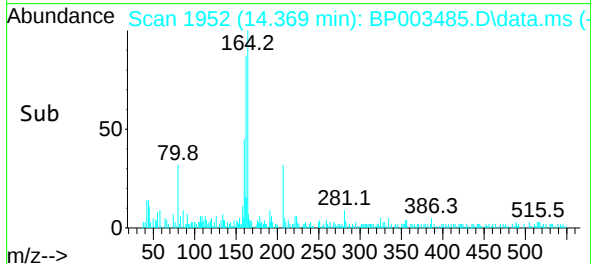
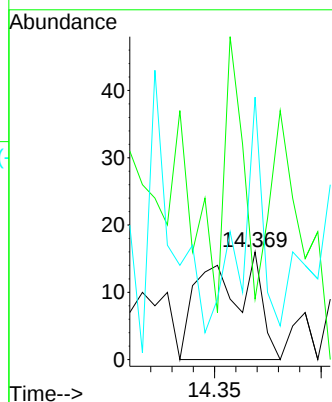
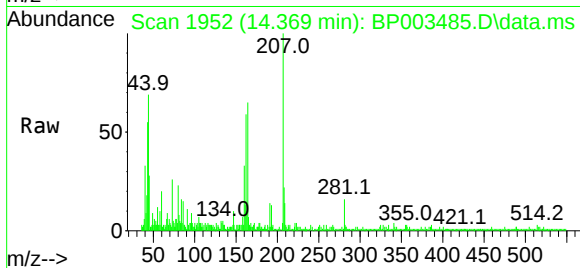




#54
2,4-Dinitrophenol
Concen: 7.26 ng
RT: 14.369 min Scan# 1952
Delta R.T. 0.024 min
Lab File: BP003485.D
Acq: 03 Oct 2020 08:32

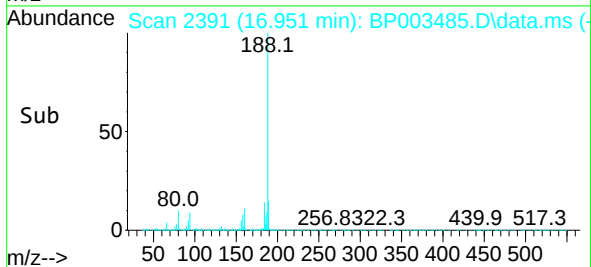
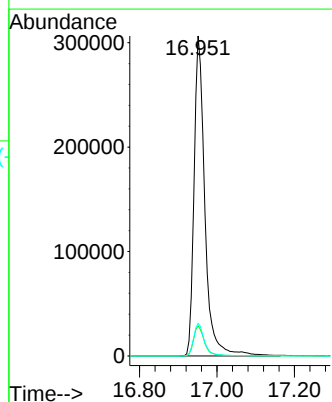
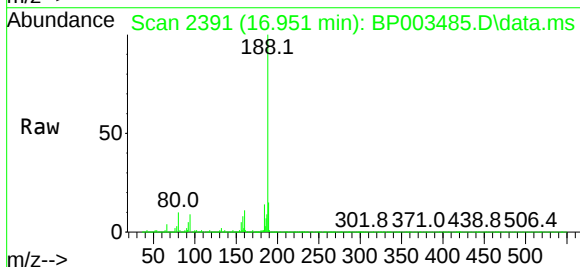
Instrument :
BNA_P
ClientSampled :
RO-4

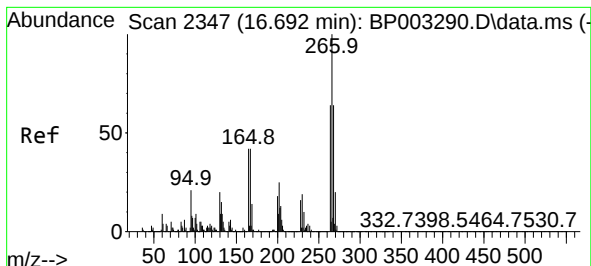
Tgt Ion:184 Resp: 26
Ion Ratio Lower Upper
184 100
63 56.3 32.3 48.5#
154 243.8 49.1 73.7#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 16.951 min Scan# 2391
Delta R.T. 0.012 min
Lab File: BP003485.D
Acq: 03 Oct 2020 08:32

Tgt Ion:188 Resp: 595101
Ion Ratio Lower Upper
188 100
94 9.4 6.2 9.2#
80 10.2 6.2 9.2#

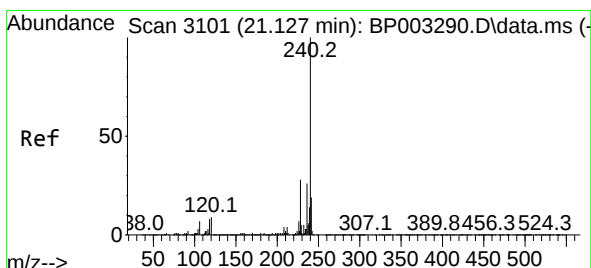
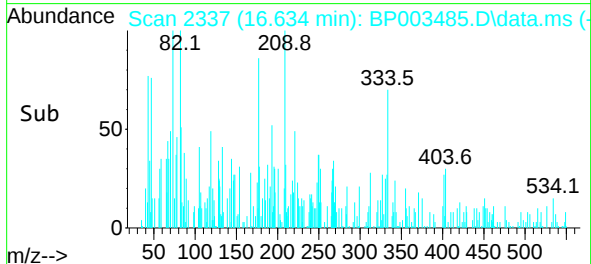
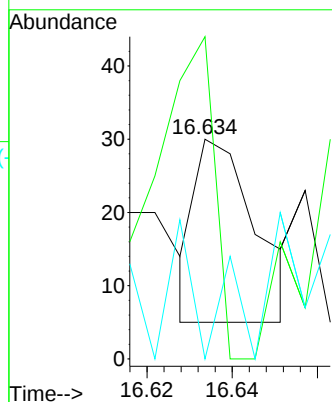
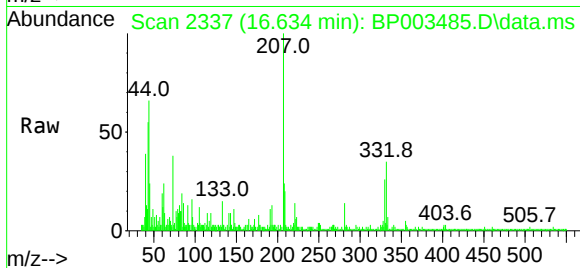




#70
Pentachlorophenol
Concen: 6.78 ng
RT: 16.634 min Scan# 2337
Delta R.T. 0.012 min
Lab File: BP003485.D
Acq: 03 Oct 2020 08:32

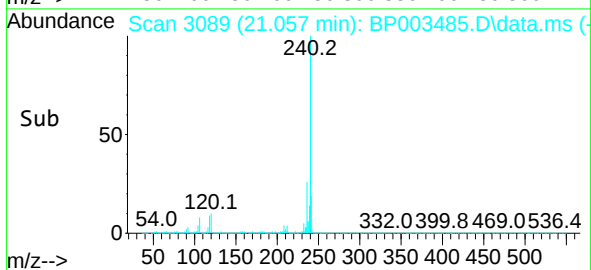
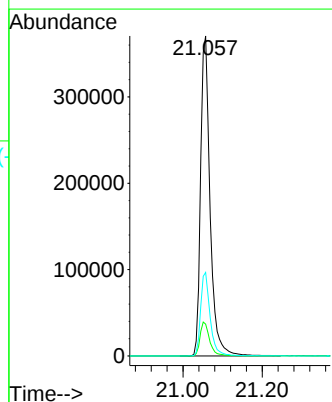
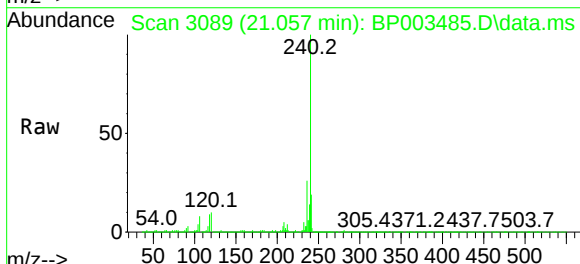
Instrument :
BNA_P
ClientSampled :
RO-4

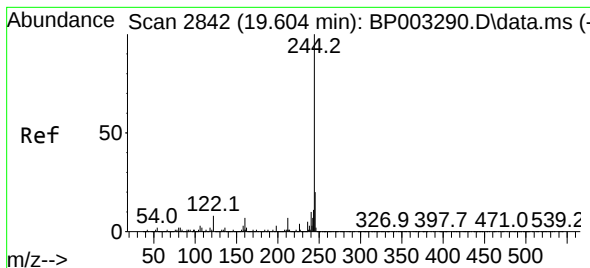
Tgt Ion:266 Resp: 25
Ion Ratio Lower Upper
266 100
268 146.7 51.1 76.7#
264 0.0 50.6 76.0#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.057 min Scan# 3089
Delta R.T. 0.006 min
Lab File: BP003485.D
Acq: 03 Oct 2020 08:32

Tgt Ion:240 Resp: 614723
Ion Ratio Lower Upper
240 100
120 9.9 7.8 11.6
236 26.1 20.8 31.2

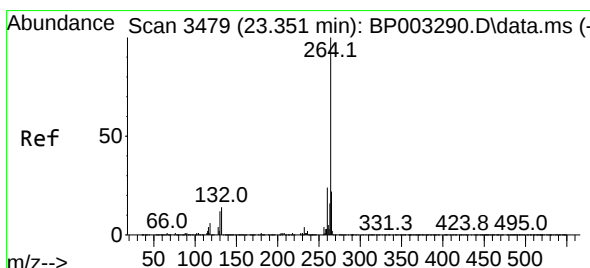
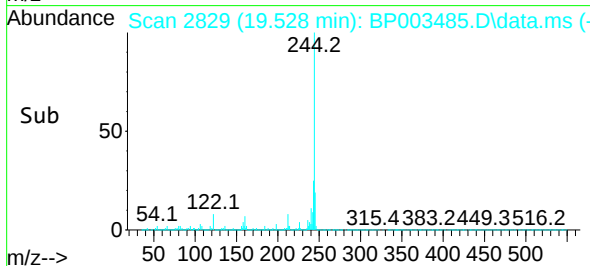
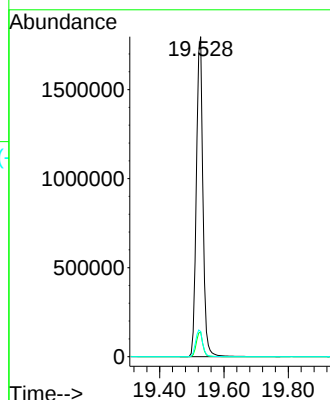
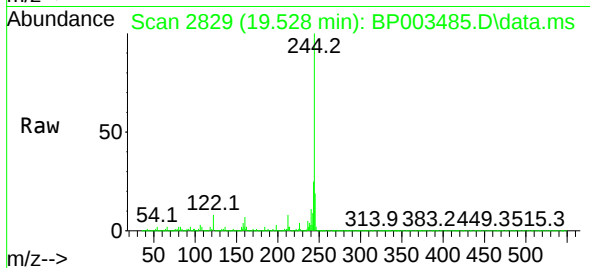




#79
Terphenyl-d14
Concen: 86.30 ng
RT: 19.528 min Scan# 2829
Delta R.T. 0.000 min
Lab File: BP003485.D
Acq: 03 Oct 2020 08:32

Instrument :
BNA_P
ClientSampleId :
RO-4

Tgt Ion:244 Resp: 2546200
Ion Ratio Lower Upper
244 100
212 7.7 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: BP003485.D
Acq: 03 Oct 2020 08:32

Tgt Ion:264 Resp: 546019
Ion Ratio Lower Upper
264 100
260 24.0 18.8 28.2
265 21.7 17.4 26.2

