

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100220\
 Data File : BP003476.D
 Acq On : 03 Oct 2020 03:26
 Operator : CG/JU
 Sample : L4198-02
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 RO-15

Quant Time: Oct 03 04:31:15 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)

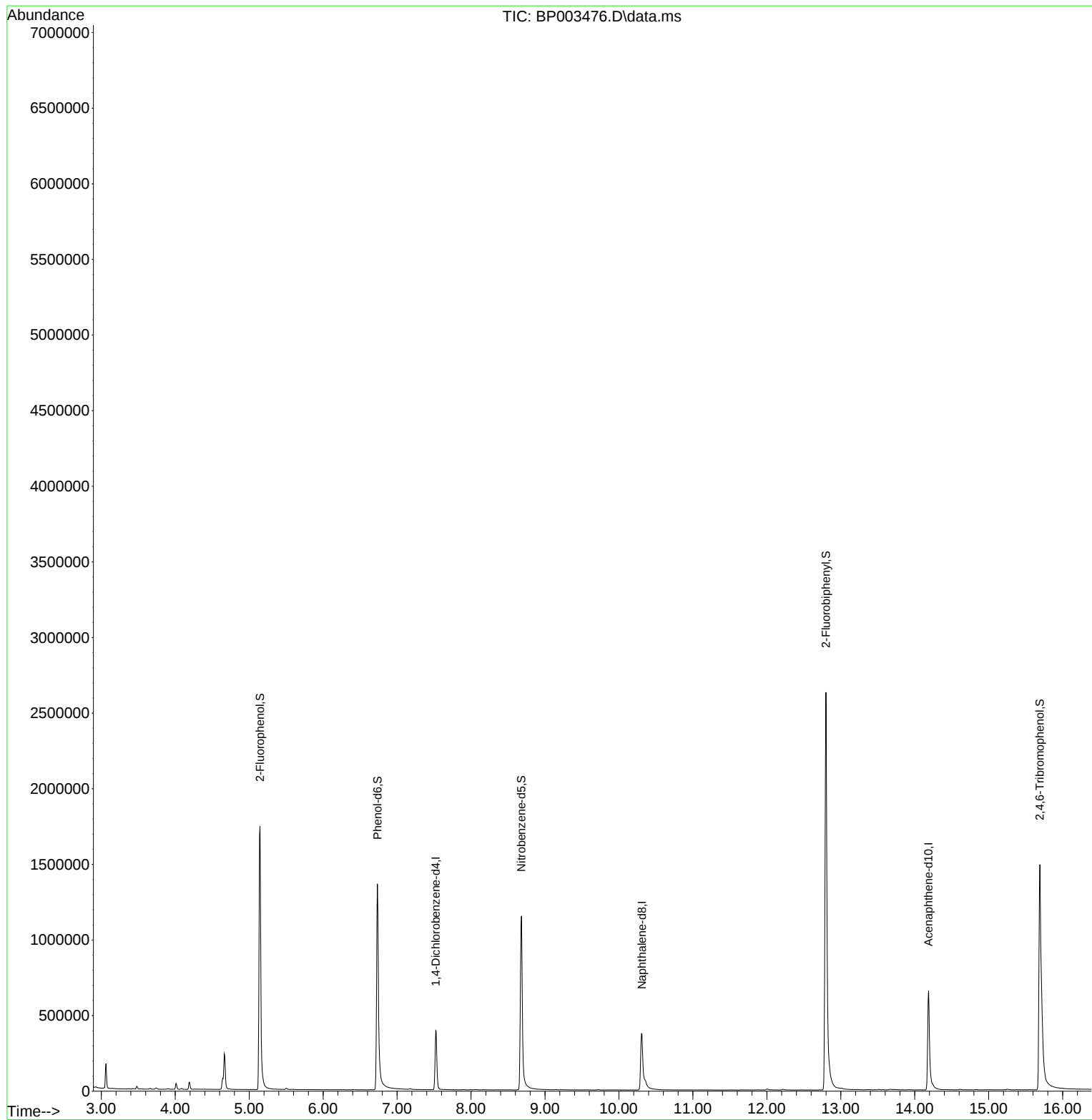
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.522	152	113742	20.00	ng	0.00
21) Naphthalene-d8	10.310	136	459618	20.00	ng	# 0.00
39) Acenaphthene-d10	14.187	164	282908	20.00	ng	0.00
64) Phenanthrene-d10	16.951	188	610475	20.00	ng	# 0.01
76) Chrysene-d12	21.051	240	656990	20.00	ng	0.00
86) Perylene-d12	23.239	264	586249	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.146	112	895992	137.55	ng	0.00
7) Phenol-d6	6.734	99	1050392	120.98	ng	0.00
23) Nitrobenzene-d5	8.681	82	866462	110.75	ng	0.00
42) 2,4,6-Tribromophenol	15.692	330	488134	113.12	ng	0.00
45) 2-Fluorobiphenyl	12.798	172	1772776	91.65	ng	0.00
79) Terphenyl-d14	19.527	244	2636348	83.61	ng	0.00
Target Compounds						
77) Benzidine	19.180	184	40818	2.00	ng	Qvalue 99

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

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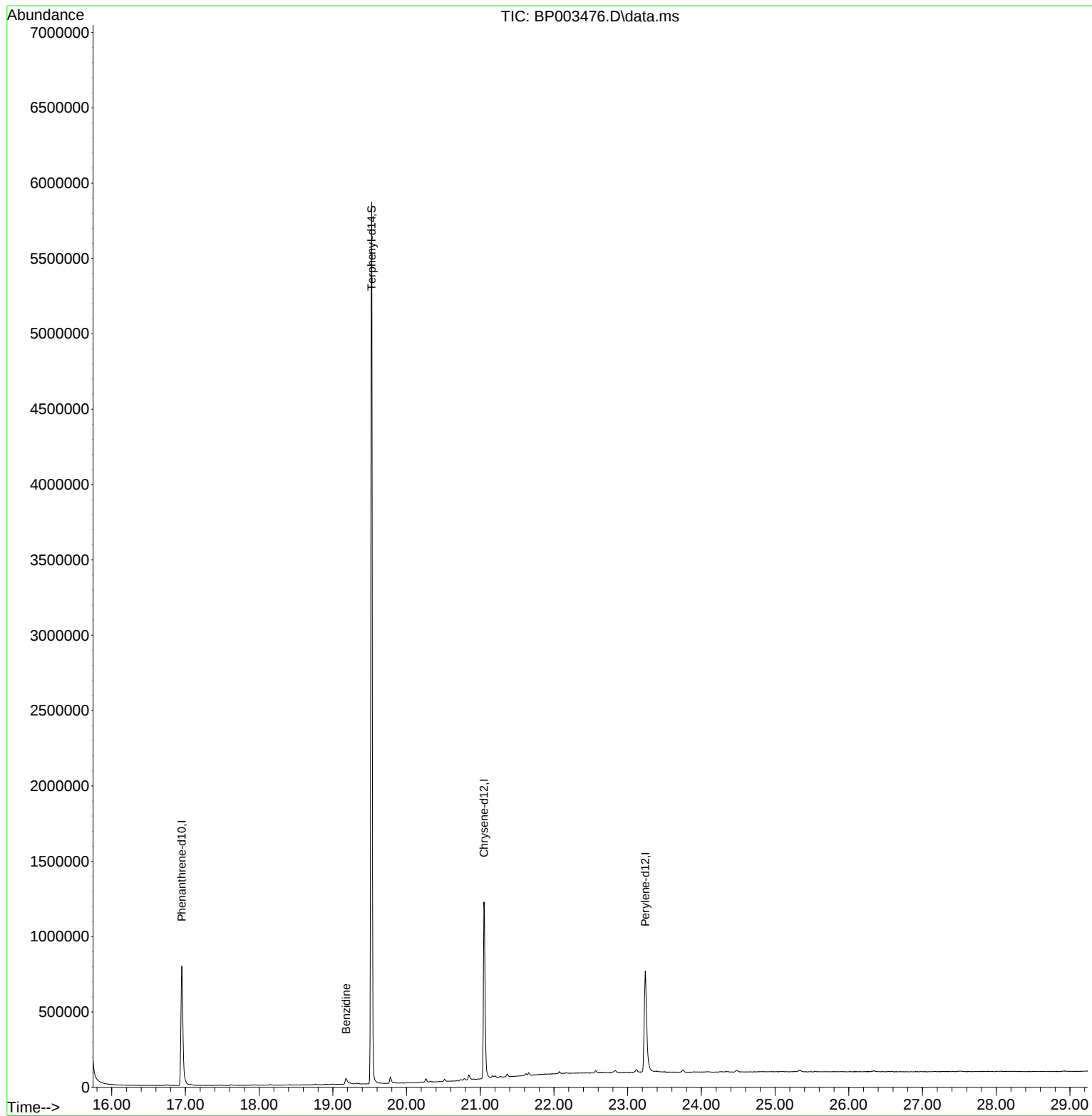
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP091520.M
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QLast Update : Fri Oct 02 11:17:24 2020
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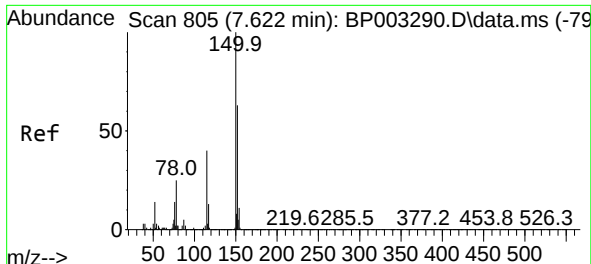


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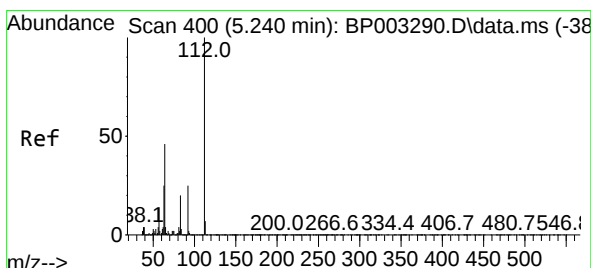
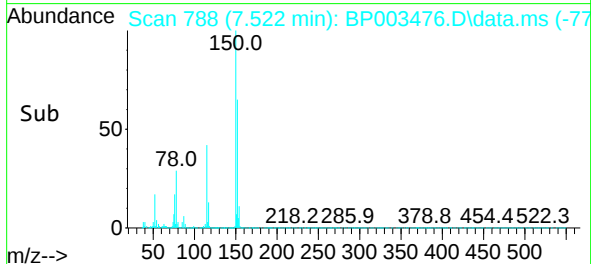
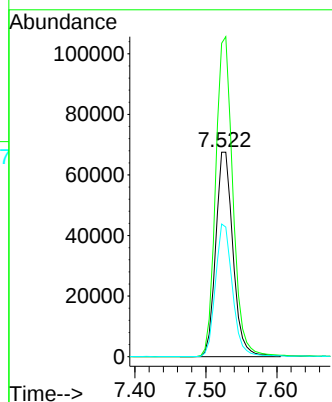
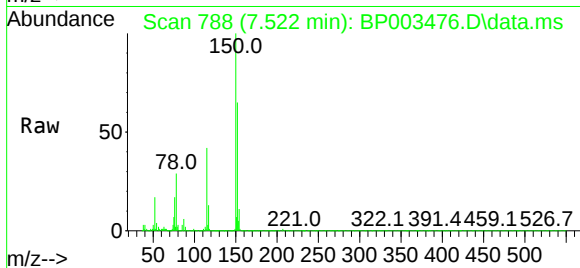




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.522 min Scan# 788
Delta R.T. -0.006 min
Lab File: BP003476.D
Acq: 03 Oct 2020 03:26

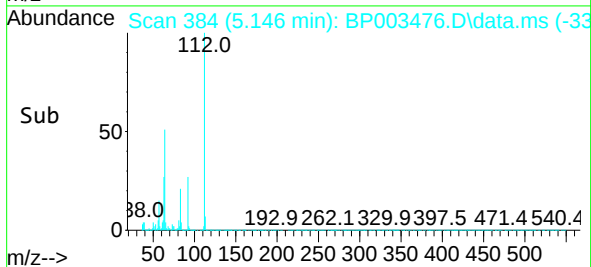
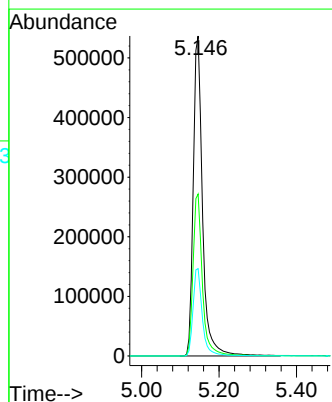
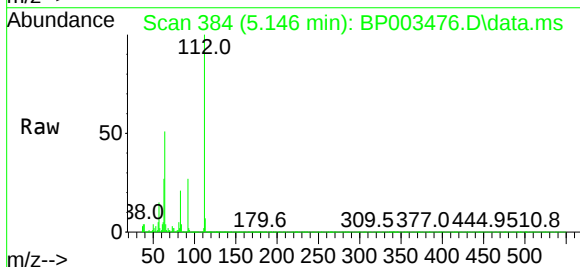
Instrument :
BNA_P
ClientSampleId :
RO-15

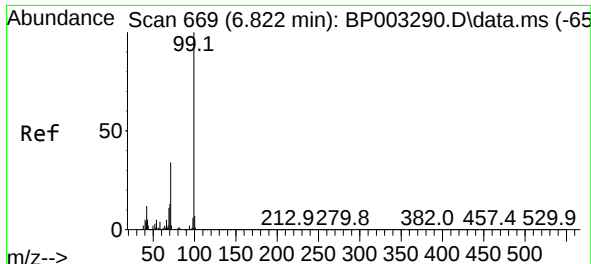
Tgt Ion:152 Resp: 113742
Ion Ratio Lower Upper
152 100
150 153.3 123.8 185.6
115 64.9 43.8 65.6



#5
2-Fluorophenol
Concen: 137.55 ng
RT: 5.146 min Scan# 384
Delta R.T. 0.006 min
Lab File: BP003476.D
Acq: 03 Oct 2020 03:26

Tgt Ion:112 Resp: 895992
Ion Ratio Lower Upper
112 100
64 50.6 32.8 49.2#
63 27.3 17.0 25.4#

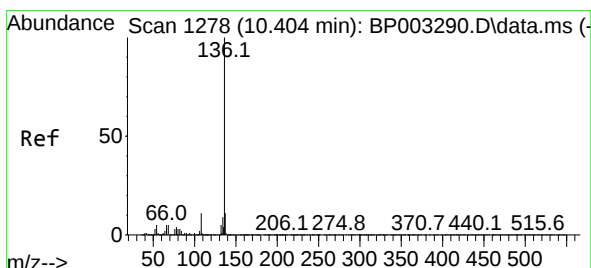
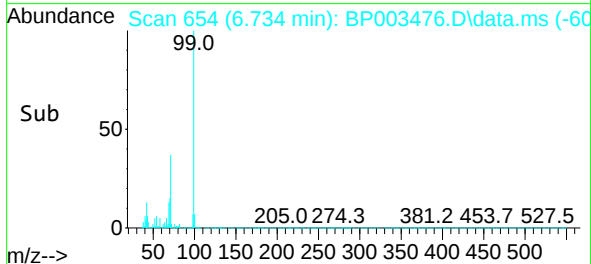
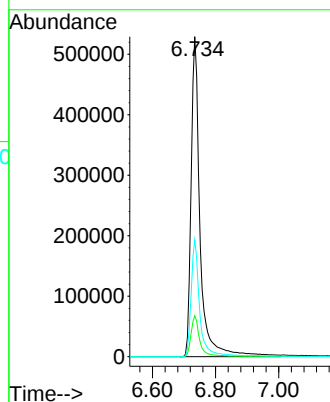
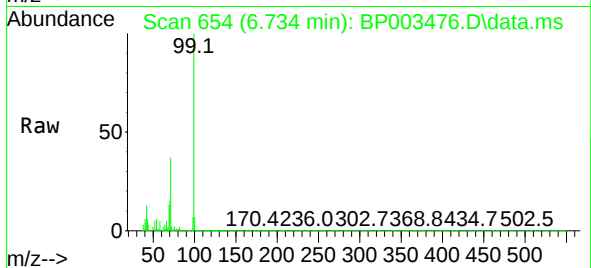




#7
Phenol-d6
Concen: 120.98 ng
RT: 6.734 min Scan# 654
Delta R.T. 0.000 min
Lab File: BP003476.D
Acq: 03 Oct 2020 03:26

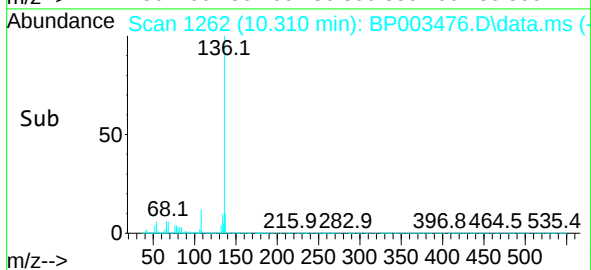
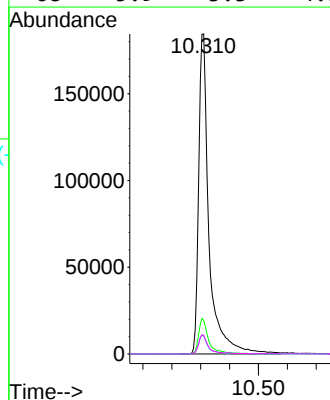
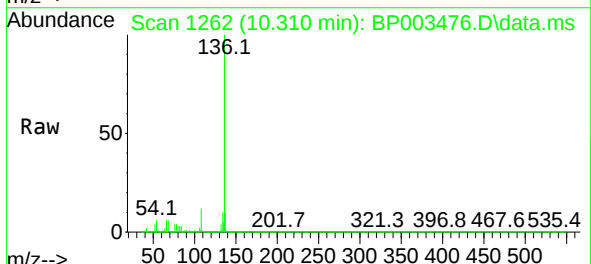
Instrument :
BNA_P
ClientSampleId :
RO-15

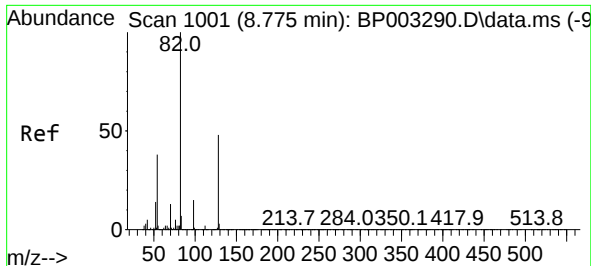
Tgt Ion: 99 Resp: 1050392
Ion Ratio Lower Upper
99 100
42 12.8 8.6 13.0
71 36.5 23.4 35.2#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.310 min Scan# 1262
Delta R.T. 0.006 min
Lab File: BP003476.D
Acq: 03 Oct 2020 03:26

Tgt Ion: 136 Resp: 459618
Ion Ratio Lower Upper
136 100
137 10.5 8.6 13.0
54 5.6 3.6 5.4#
68 5.9 3.3 4.9#

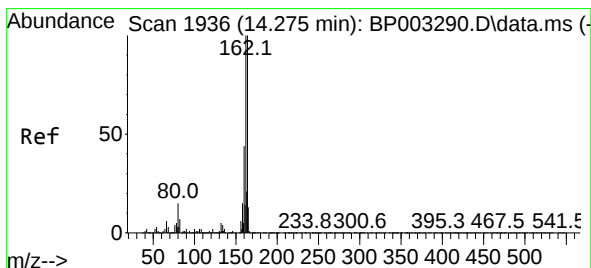
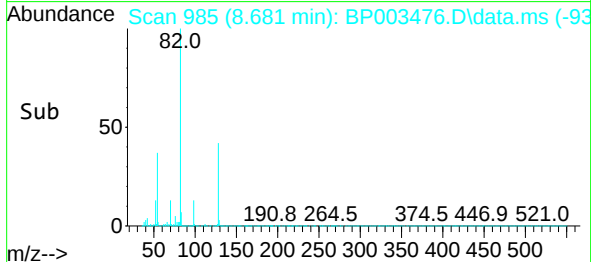
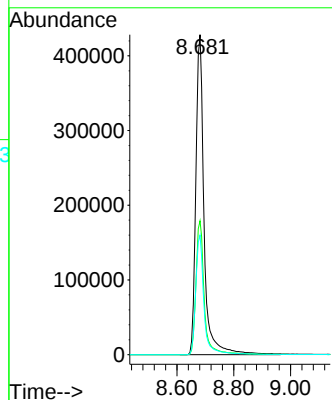
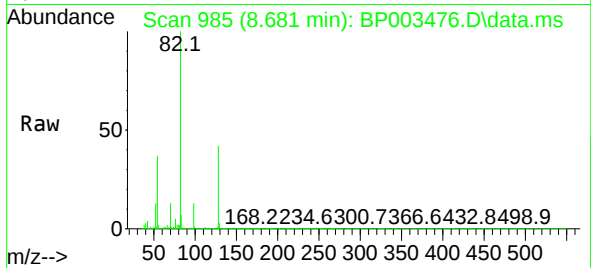




#23
Nitrobenzene-d5
Concen: 110.75 ng
RT: 8.681 min Scan# 985
Delta R.T. 0.000 min
Lab File: BP003476.D
Acq: 03 Oct 2020 03:26

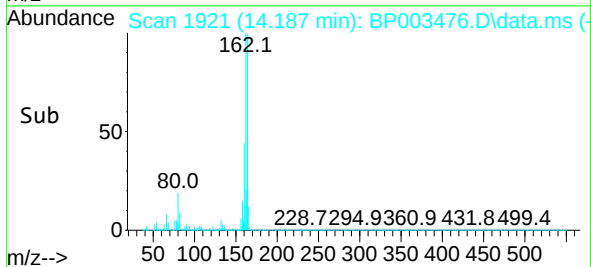
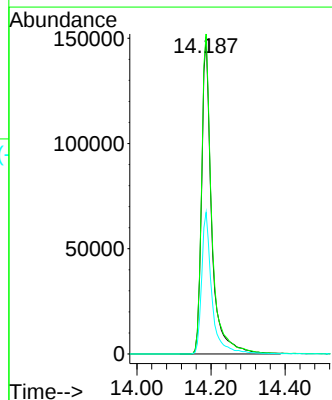
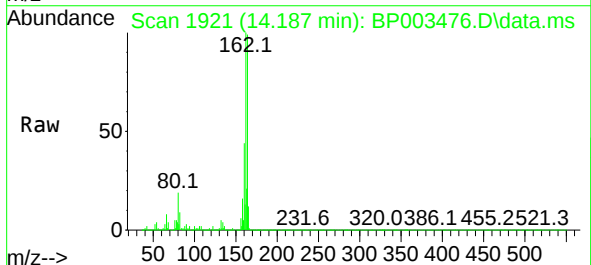
Instrument :
BNA_P
ClientSampleId :
RO-15

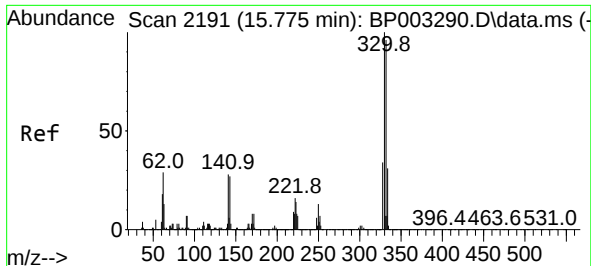
Tgt Ion: 82 Resp: 866462
Ion Ratio Lower Upper
82 100
128 41.9 45.6 68.4#
54 37.3 30.1 45.1



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.187 min Scan# 1921
Delta R.T. 0.000 min
Lab File: BP003476.D
Acq: 03 Oct 2020 03:26

Tgt Ion: 164 Resp: 282908
Ion Ratio Lower Upper
164 100
162 100.9 79.4 119.2
160 44.7 36.1 54.1

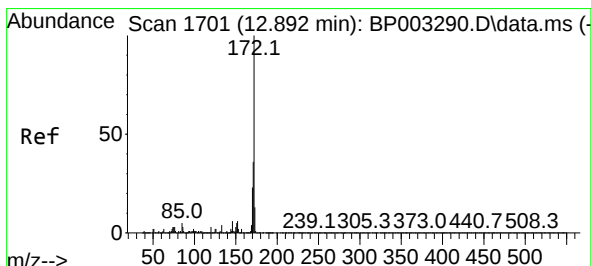
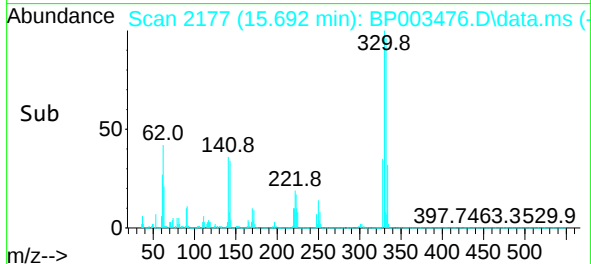
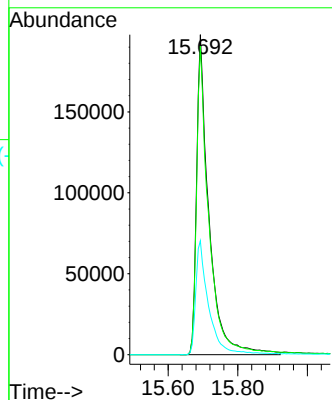
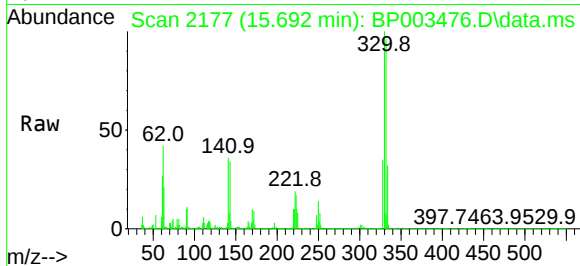




#42
2,4,6-Tribromophenol
Concen: 113.12 ng
RT: 15.692 min Scan# 2177
Delta R.T. 0.000 min
Lab File: BP003476.D
Acq: 03 Oct 2020 03:26

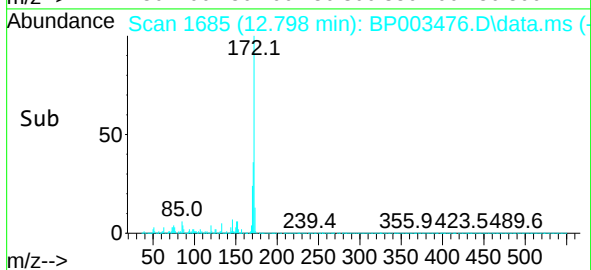
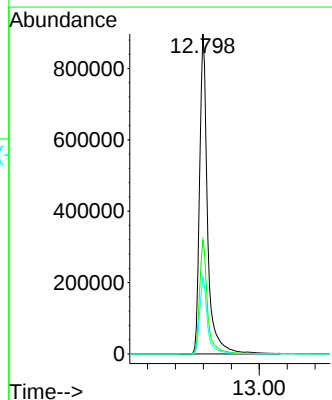
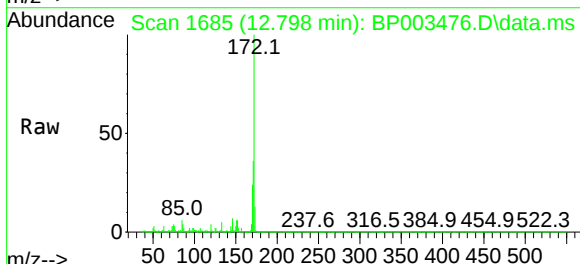
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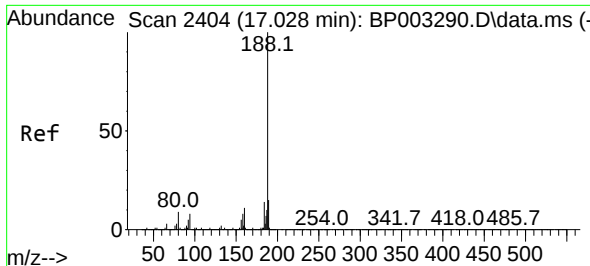
Tgt Ion: 330 Resp: 488134
Ion Ratio Lower Upper
330 100
332 96.4 77.1 115.7
141 36.6 23.4 35.2#



#45
2-Fluorobiphenyl
Concen: 91.65 ng
RT: 12.798 min Scan# 1685
Delta R.T. 0.000 min
Lab File: BP003476.D
Acq: 03 Oct 2020 03:26

Tgt Ion: 172 Resp: 1772776
Ion Ratio Lower Upper
172 100
171 35.7 28.5 42.7
170 24.0 19.2 28.8

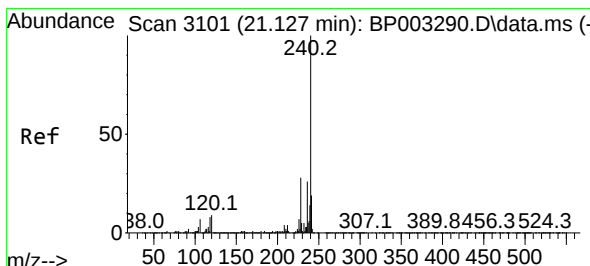
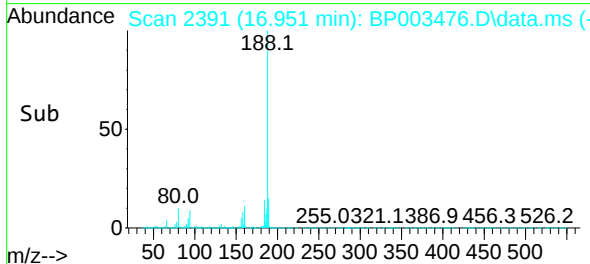
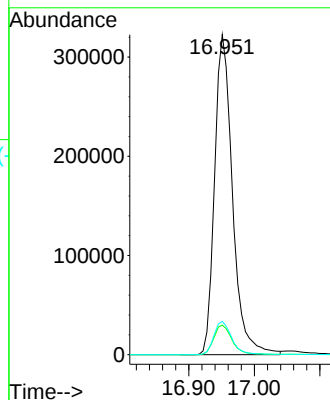
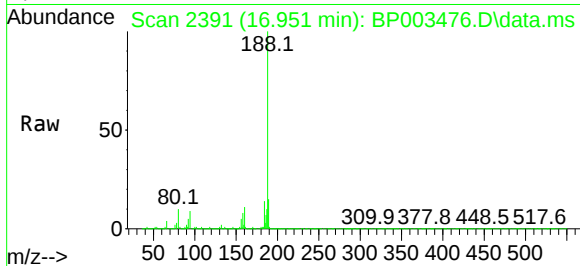




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 16.951 min Scan# 2391
Delta R.T. 0.012 min
Lab File: BP003476.D
Acq: 03 Oct 2020 03:26

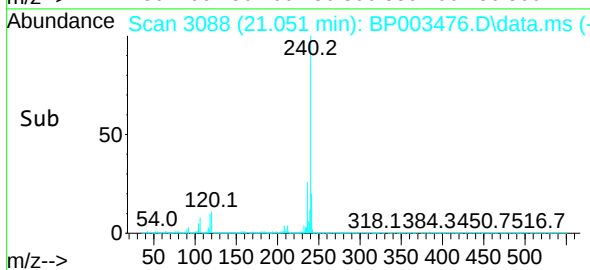
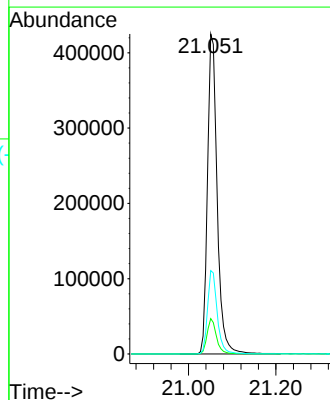
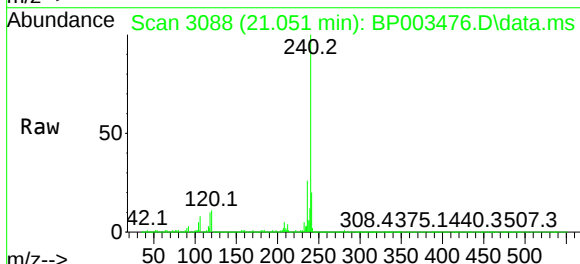
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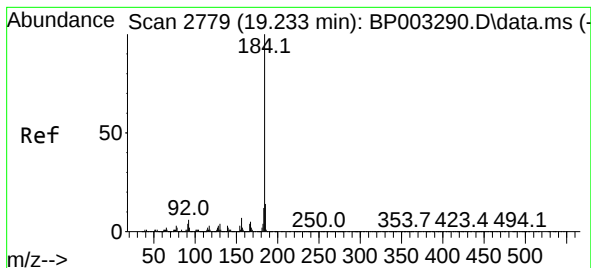
Tgt Ion:188 Resp: 610475
Ion Ratio Lower Upper
188 100
94 9.3 6.2 9.2#
80 10.4 6.2 9.2#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.051 min Scan# 3088
Delta R.T. 0.000 min
Lab File: BP003476.D
Acq: 03 Oct 2020 03:26

Tgt Ion:240 Resp: 656990
Ion Ratio Lower Upper
240 100
120 11.0 7.8 11.6
236 26.0 20.8 31.2

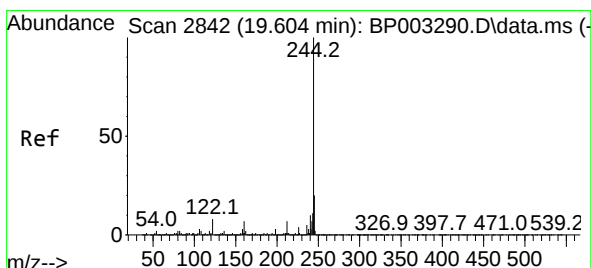
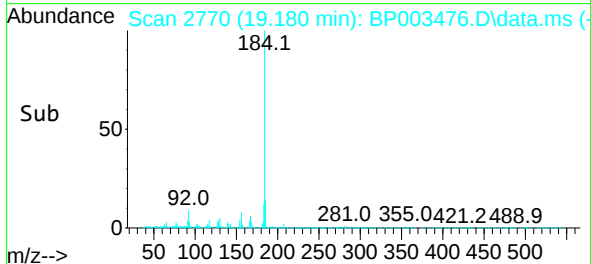
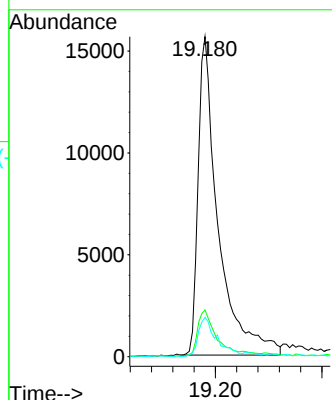
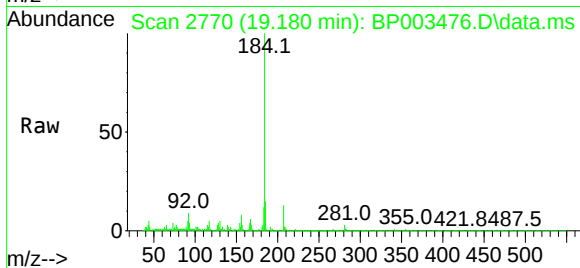




#77
Benzidine
Concen: 2.00 ng
RT: 19.180 min Scan# 2770
Delta R.T. 0.024 min
Lab File: BP003476.D
Acq: 03 Oct 2020 03:26

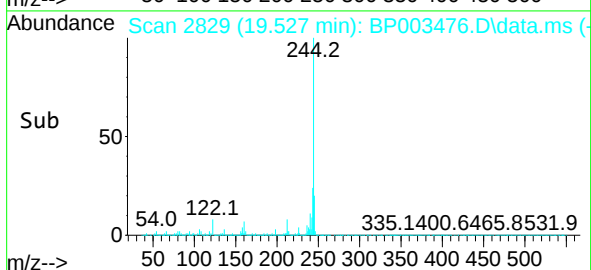
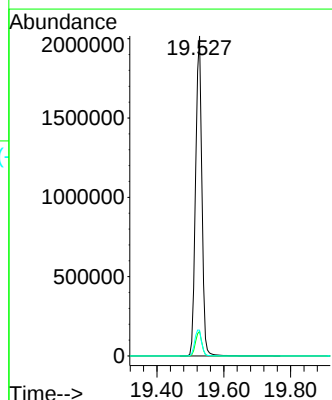
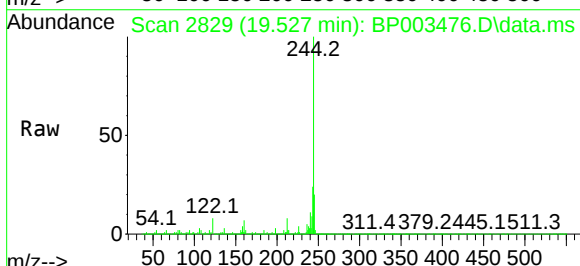
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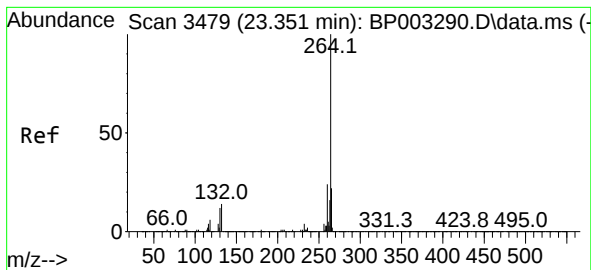
Tgt Ion:184	Resp:	40818
Ion Ratio	Lower	Upper
184	100	
185	14.6	11.5 17.3
183	12.3	9.6 14.4



#79
Terphenyl-d14
Concen: 83.61 ng
RT: 19.527 min Scan# 2829
Delta R.T. 0.000 min
Lab File: BP003476.D
Acq: 03 Oct 2020 03:26

Tgt Ion:244	Resp:	2636348
Ion Ratio	Lower	Upper
244	100	
212	7.7	5.8 8.6
122	8.1	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: BP003476.D
 Acq: 03 Oct 2020 03:26

Instrument :
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Tgt Ion:264 Resp: 586249

Ion	Ratio	Lower	Upper
264	100		
260	24.4	18.8	28.2
265	21.8	17.4	26.2

