

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100920\
 Data File : BP003599.D
 Acq On : 09 Oct 2020 18:21
 Operator : CG/JU
 Sample : L4319-03
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 12018

Quant Time: Oct 10 00:10:44 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP091520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 08 15:55:58 2020
 Response via : Initial Calibration

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

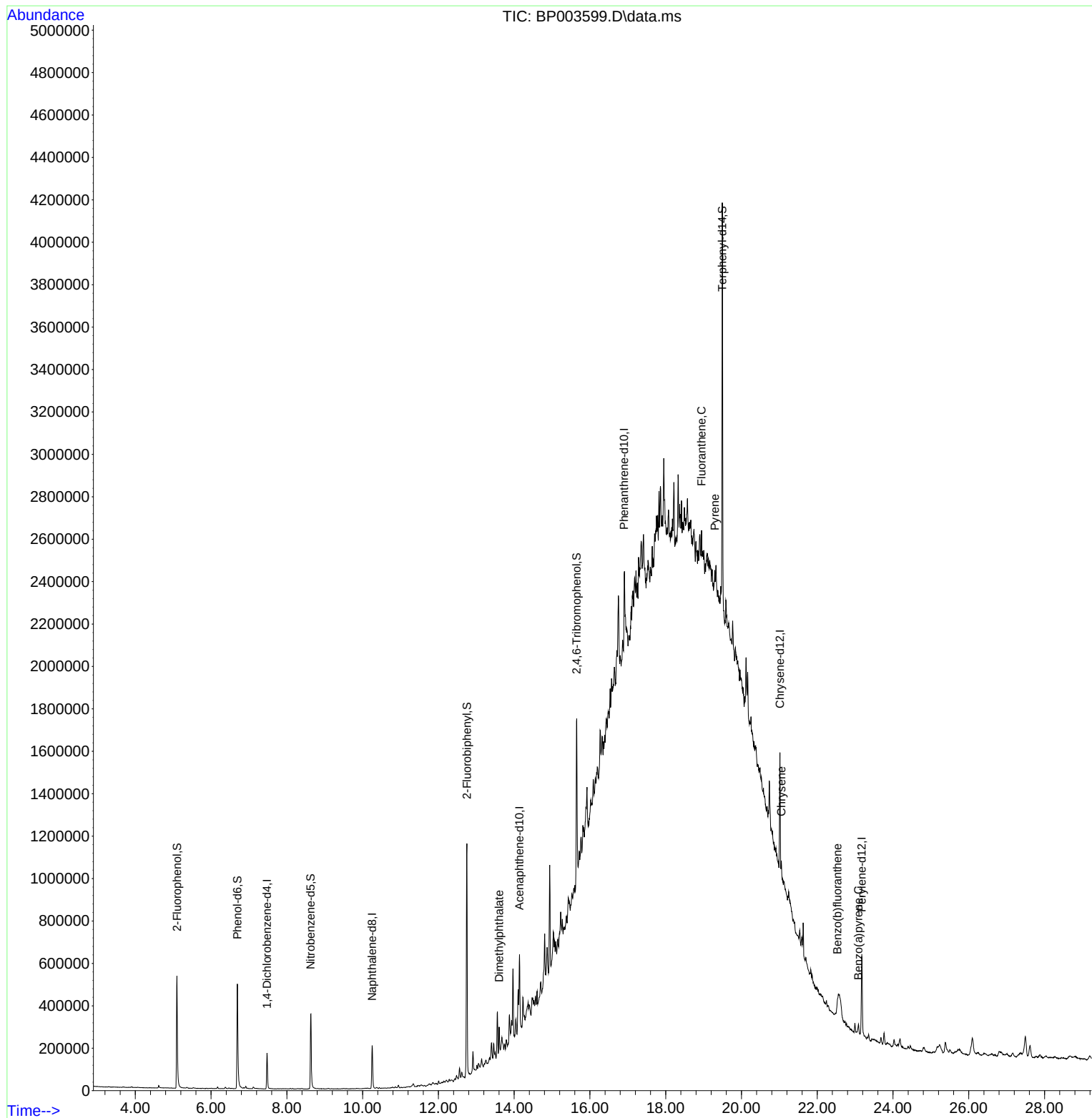
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.475	152	46292	20.00	ng	0.00
21) Naphthalene-d8	10.252	136	174640	20.00	ng	0.00
39) Acenaphthene-d10	14.140	164	108949	20.00	ng	0.00
64) Phenanthrene-d10	16.904	188	215043	20.00	ng	# 0.00
76) Chrysene-d12	21.016	240	247665	20.00	ng	0.00
86) Perylene-d12	23.175	264	259392	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.099	112	269773	101.76	ng	0.00
7) Phenol-d6	6.693	99	327524	92.69	ng	0.00
23) Nitrobenzene-d5	8.628	82	231761	77.96	ng	0.00
42) 2,4,6-Tribromophenol	15.651	330	181844	109.43	ng	0.00
45) 2-Fluorobiphenyl	12.752	172	568005	76.25	ng	0.00
79) Terphenyl-d14	19.492	244	824419	69.36	ng	0.00
Target Compounds						
						Qvalue
50) Dimethylphthalate	13.604	163	81885	9.41	ng	98
75) Fluoranthene	18.945	202	58472	3.97	ng	74
78) Pyrene	19.298	202	49765	3.22	ng	# 73
83) Chrysene	21.051	228	39912	2.59	ng	# 88
88) Benzo(b)fluoranthene	22.533	252	58673	3.58	ng	# 93
90) Benzo(a)pyrene	23.086	252	32268	2.09	ng	# 94

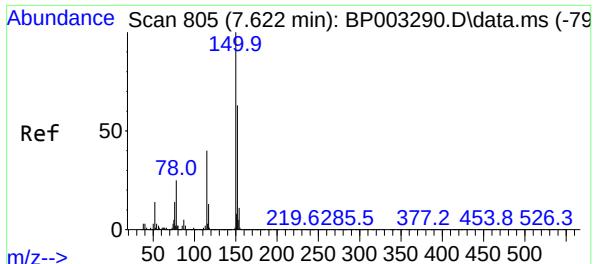
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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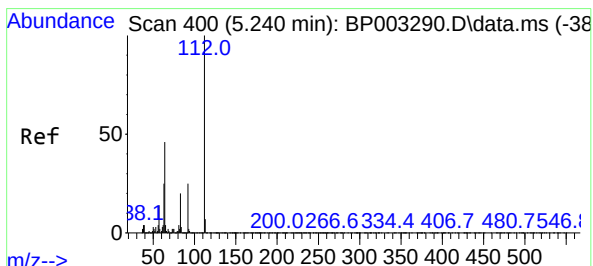
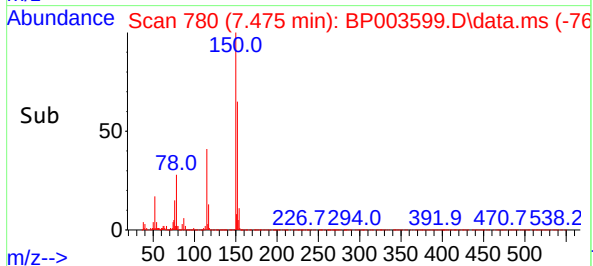
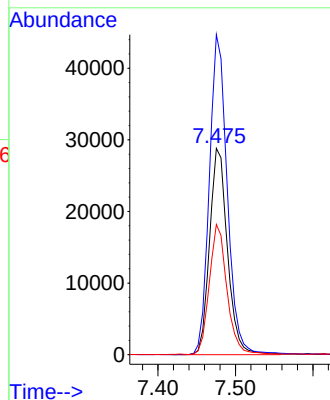
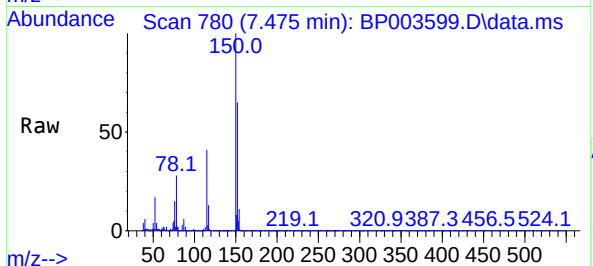




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.475 min Scan# 780
Delta R.T. -0.006 min
Lab File: BP003599.D
Acq: 09 Oct 2020 18:21

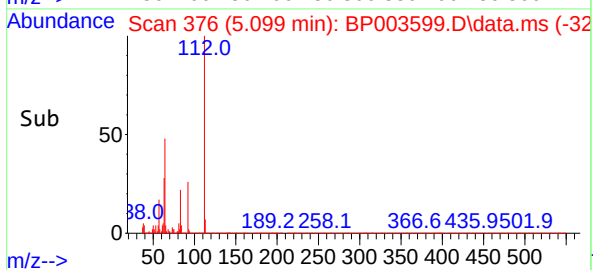
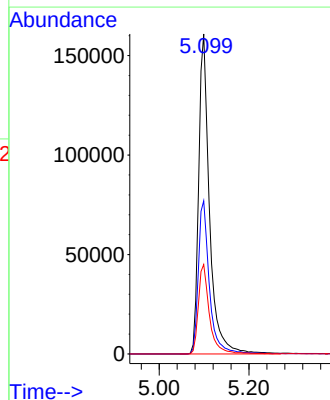
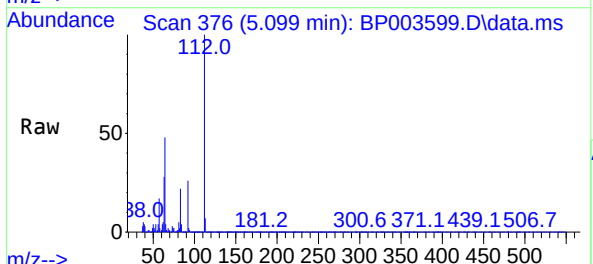
Instrument :
BNA_P
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12018

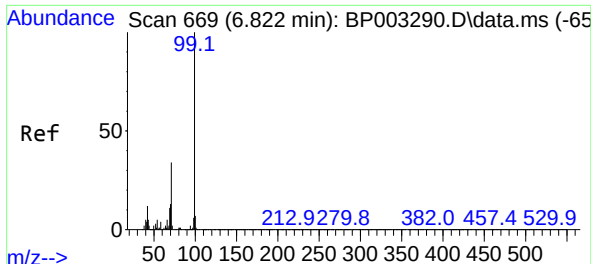
Tgt Ion:152 Resp: 46292
Ion Ratio Lower Upper
152 100
150 155.0 123.8 185.6
115 63.1 43.8 65.6



#5
2-Fluorophenol
Concen: 101.76 ng
RT: 5.099 min Scan# 376
Delta R.T. 0.000 min
Lab File: BP003599.D
Acq: 09 Oct 2020 18:21

Tgt Ion:112 Resp: 269773
Ion Ratio Lower Upper
112 100
64 47.9 32.8 49.2
63 27.9 17.0 25.4#

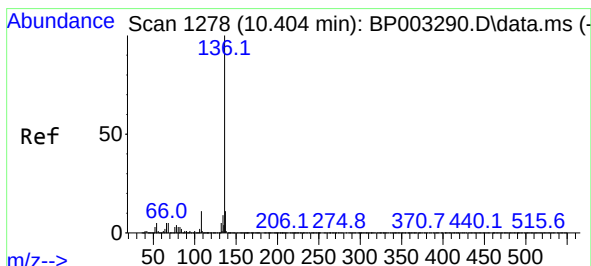
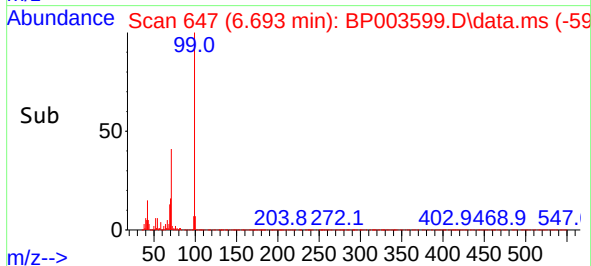
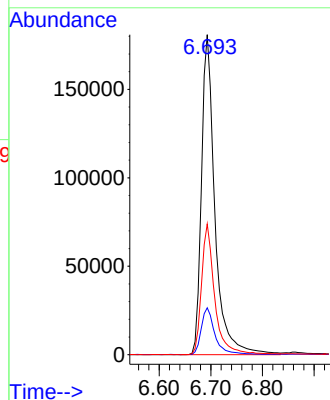
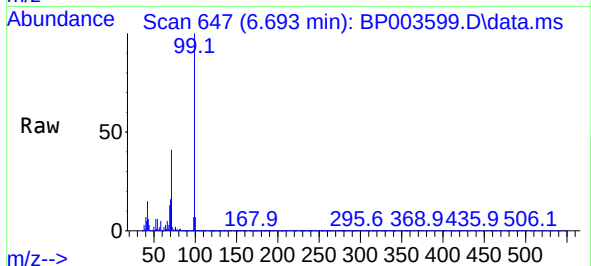




#7
Phenol-d6
Concen: 92.69 ng
RT: 6.693 min Scan# 647
Delta R.T. 0.006 min
Lab File: BP003599.D
Acq: 09 Oct 2020 18:21

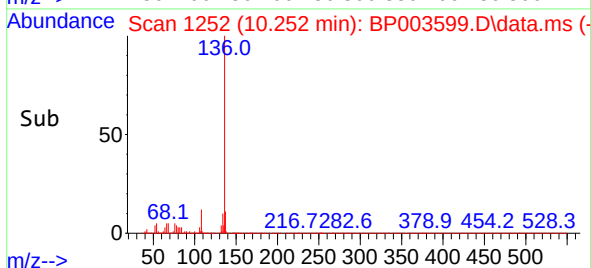
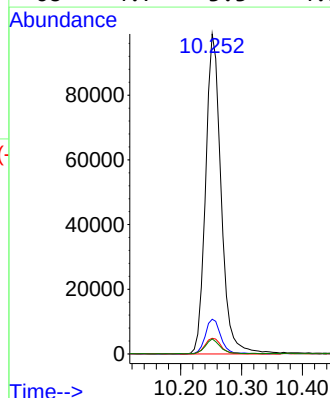
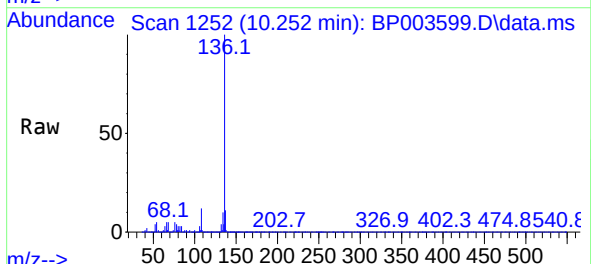
Instrument :
BNA_P
ClientSampleId :
12018

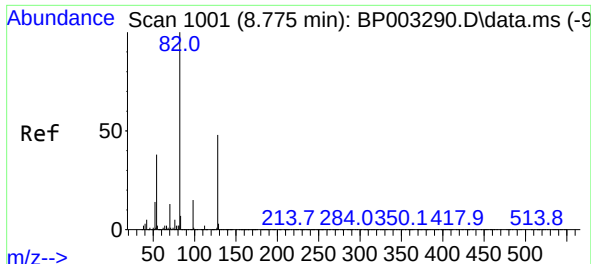
Tgt Ion: 99 Resp: 327524
Ion Ratio Lower Upper
99 100
42 14.6 8.6 13.0#
71 40.8 23.4 35.2#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.252 min Scan# 1252
Delta R.T. 0.000 min
Lab File: BP003599.D
Acq: 09 Oct 2020 18:21

Tgt Ion: 136 Resp: 174640
Ion Ratio Lower Upper
136 100
137 10.8 8.6 13.0
54 4.9 3.6 5.4
68 4.7 3.3 4.9

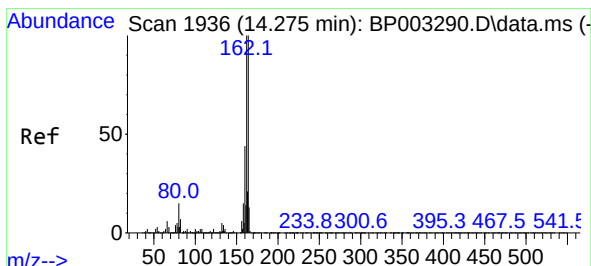
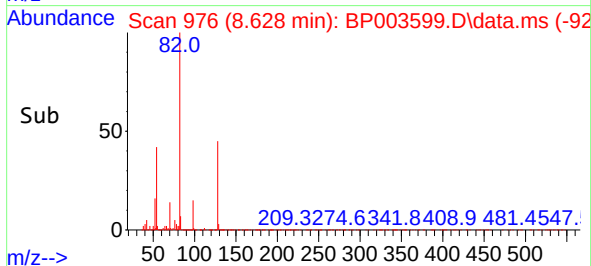
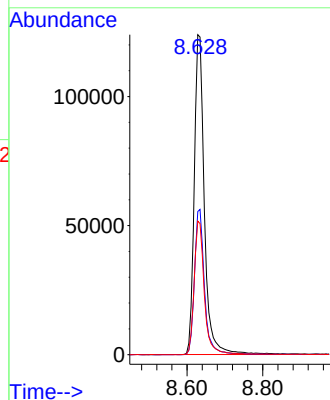
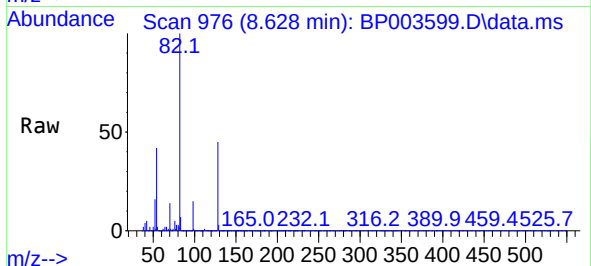




#23
Nitrobenzene-d5
Concen: 77.96 ng
RT: 8.628 min Scan# 976
Delta R.T. -0.006 min
Lab File: BP003599.D
Acq: 09 Oct 2020 18:21

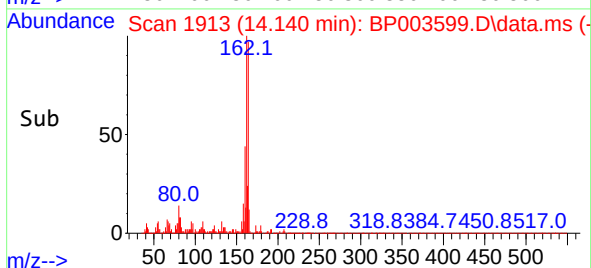
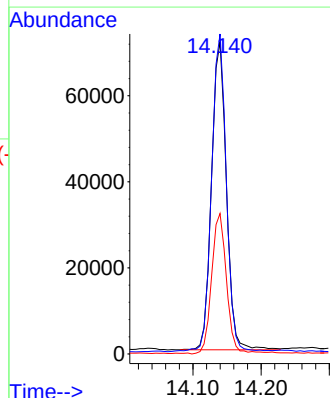
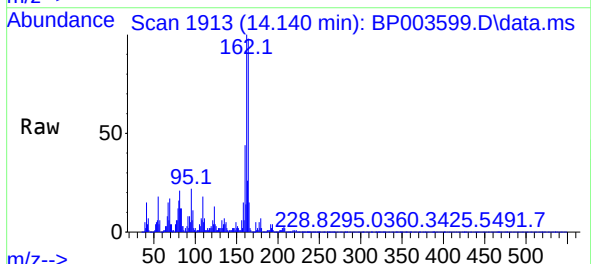
Instrument :
BNA_P
ClientSampleId :
12018

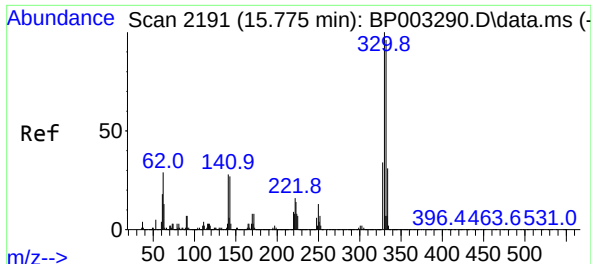
Tgt Ion: 82 Resp: 231761
Ion Ratio Lower Upper
82 100
128 44.8 45.6 68.4#
54 41.7 30.1 45.1



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.140 min Scan# 1913
Delta R.T. 0.000 min
Lab File: BP003599.D
Acq: 09 Oct 2020 18:21

Tgt Ion: 164 Resp: 108949
Ion Ratio Lower Upper
164 100
162 102.6 79.4 119.2
160 45.0 36.1 54.1

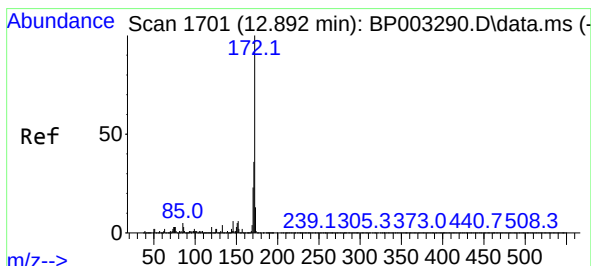
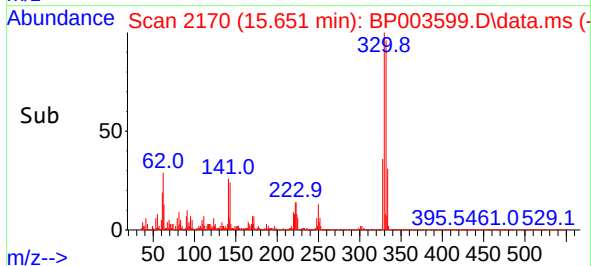
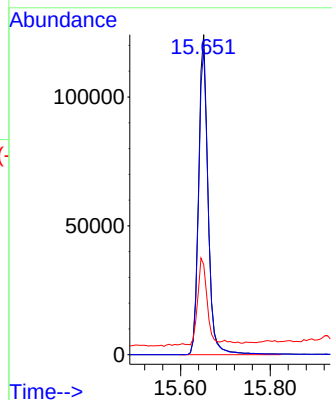
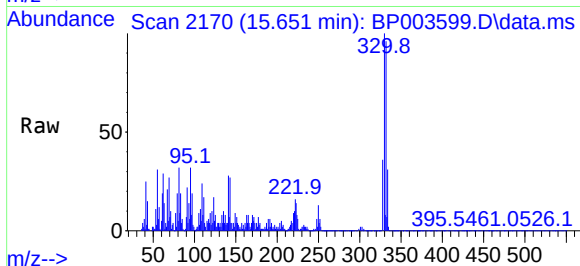




#42
2,4,6-Tribromophenol
Concen: 109.43 ng
RT: 15.651 min Scan# 2170
Delta R.T. 0.006 min
Lab File: BP003599.D
Acq: 09 Oct 2020 18:21

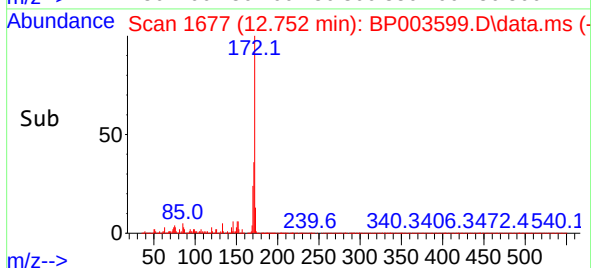
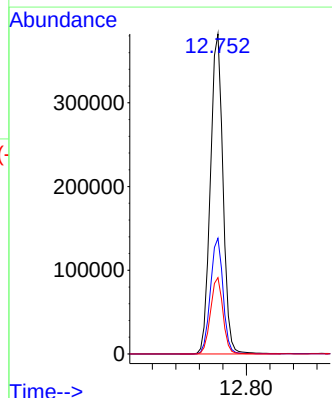
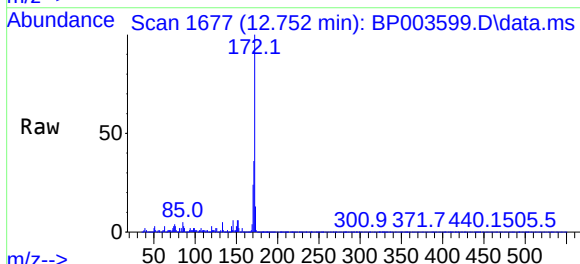
Instrument :
BNA_P
ClientSampleId :
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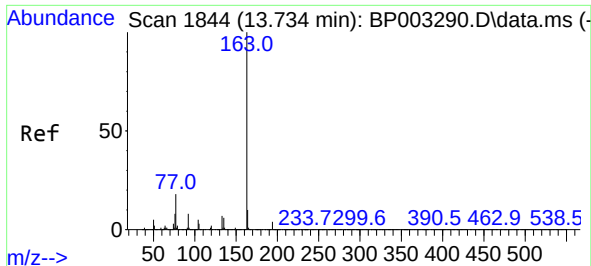
Tgt Ion:330 Resp: 181844
Ion Ratio Lower Upper
330 100
332 95.4 77.1 115.7
141 26.2 23.4 35.2



#45
2-Fluorobiphenyl
Concen: 76.25 ng
RT: 12.752 min Scan# 1677
Delta R.T. 0.000 min
Lab File: BP003599.D
Acq: 09 Oct 2020 18:21

Tgt Ion:172 Resp: 568005
Ion Ratio Lower Upper
172 100
171 36.2 28.5 42.7
170 23.9 19.2 28.8

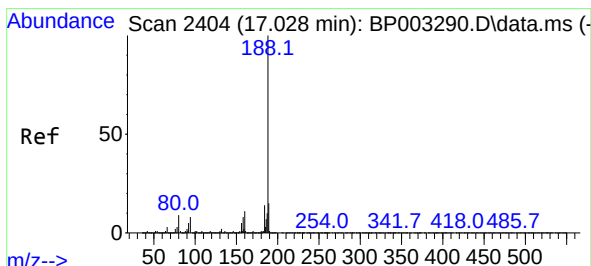
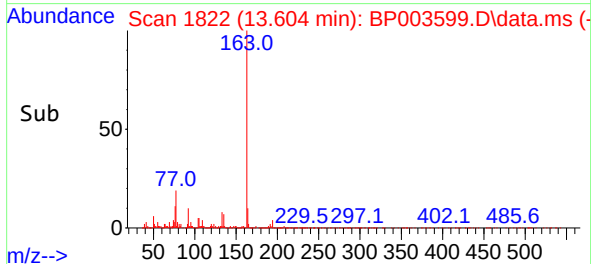
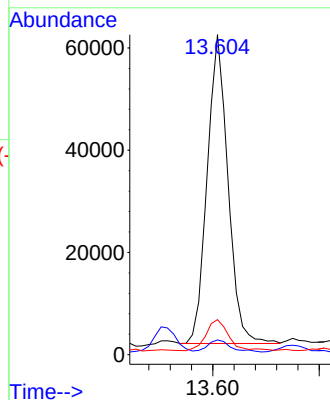
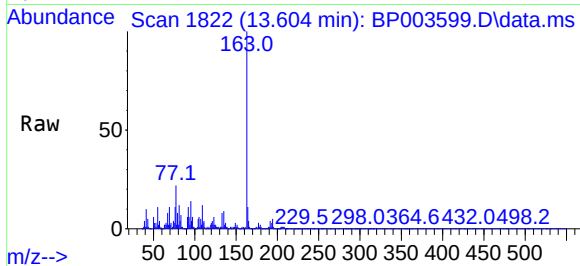




#50
Dimethylphthalate
Concen: 9.41 ng
RT: 13.604 min Scan# 1822
Delta R.T. -0.006 min
Lab File: BP003599.D
Acq: 09 Oct 2020 18:21

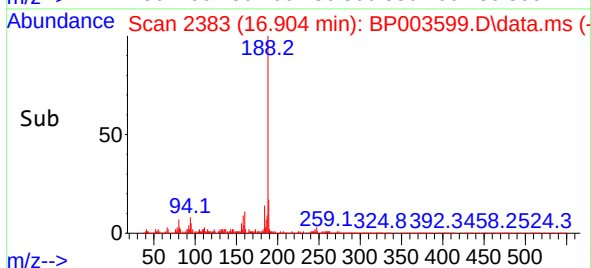
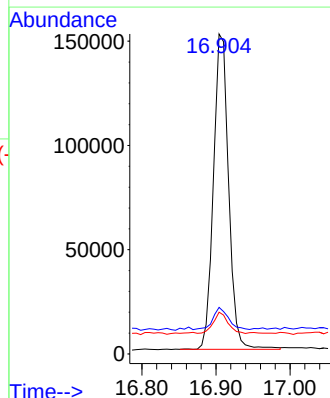
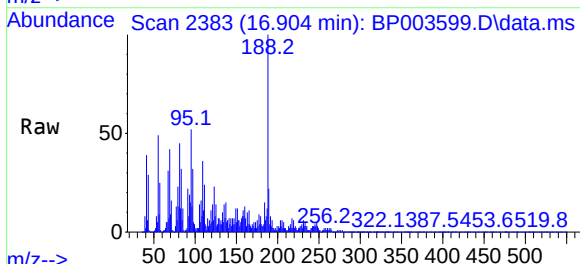
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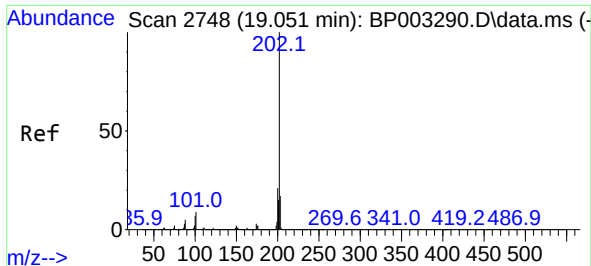
Tgt Ion:	163	Resp:	81885
Ion Ratio	Lower	Upper	
163	100		
194	4.6	3.3	4.9
164	10.9	8.2	12.2



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 16.904 min Scan# 2383
Delta R.T. 0.006 min
Lab File: BP003599.D
Acq: 09 Oct 2020 18:21

Tgt Ion:	188	Resp:	215043
Ion Ratio	Lower	Upper	
188	100		
94	14.5	6.2	9.2#
80	13.0	6.2	9.2#

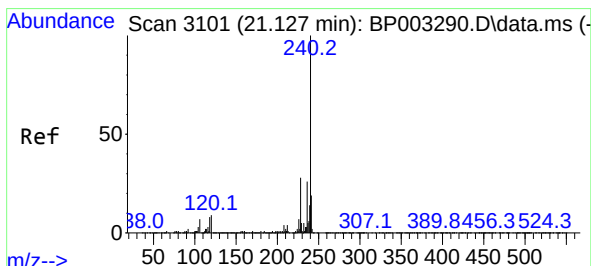
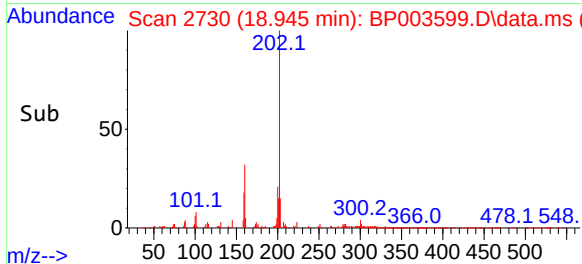
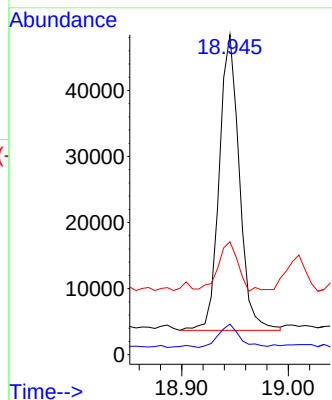
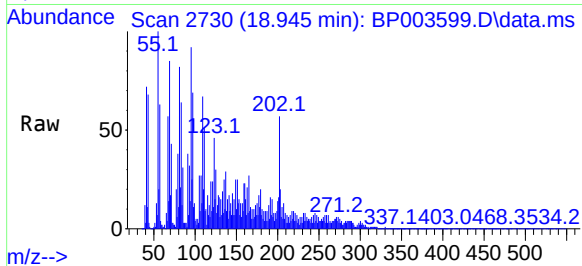




#75
Fluoranthene
Concen: 3.97 ng
RT: 18.945 min Scan# 2730
Delta R.T. 0.012 min
Lab File: BP003599.D
Acq: 09 Oct 2020 18:21

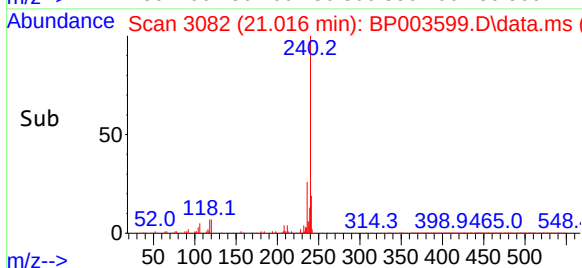
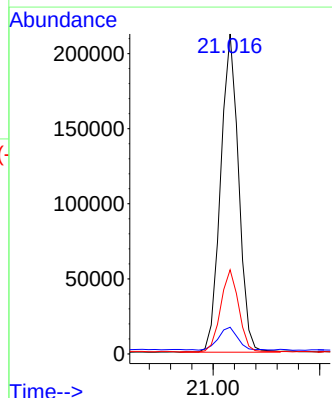
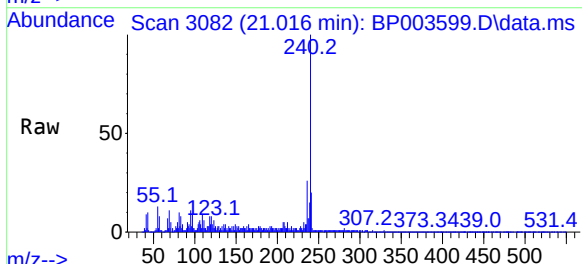
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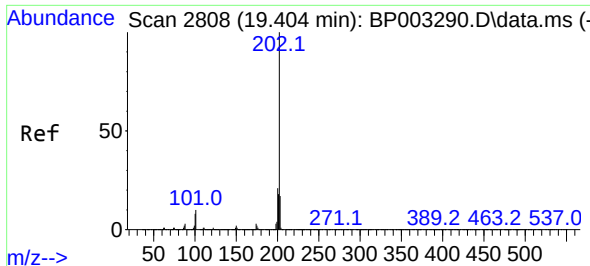
Tgt Ion:	202	Resp:	58472
Ion Ratio	Lower	Upper	
202	100		
101	9.6	0.0	29.4
203	35.3	0.0	37.8



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.016 min Scan# 3082
Delta R.T. 0.006 min
Lab File: BP003599.D
Acq: 09 Oct 2020 18:21

Tgt Ion:	240	Resp:	247665
Ion Ratio	Lower	Upper	
240	100		
120	8.3	7.8	11.6
236	26.3	20.8	31.2

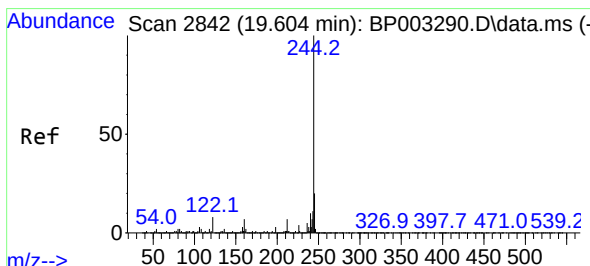
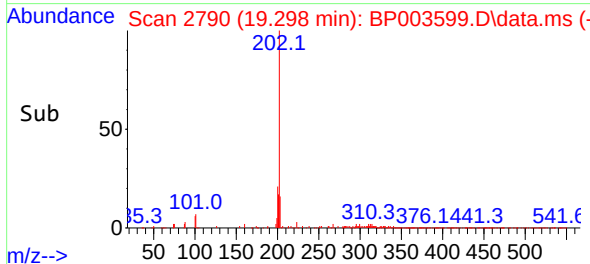
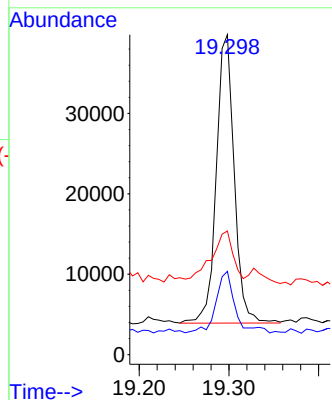
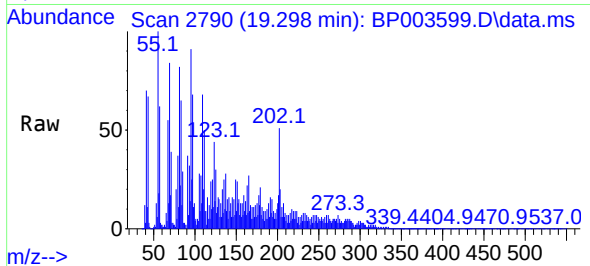




#78
Pyrene
Concen: 3.22 ng
RT: 19.298 min Scan# 2790
Delta R.T. 0.012 min
Lab File: BP003599.D
Acq: 09 Oct 2020 18:21

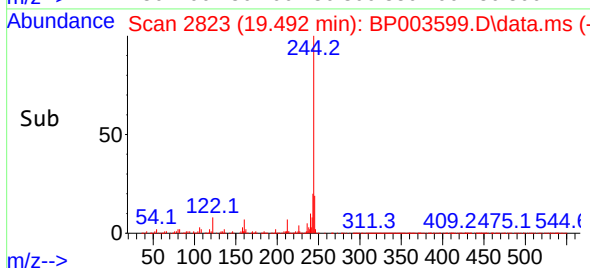
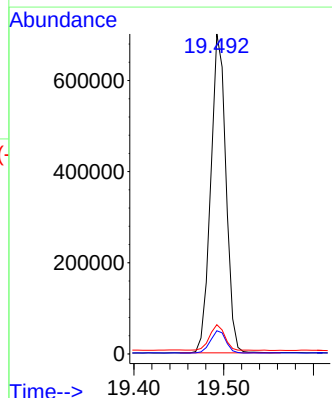
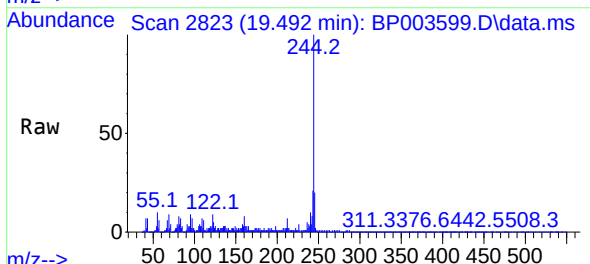
Instrument :
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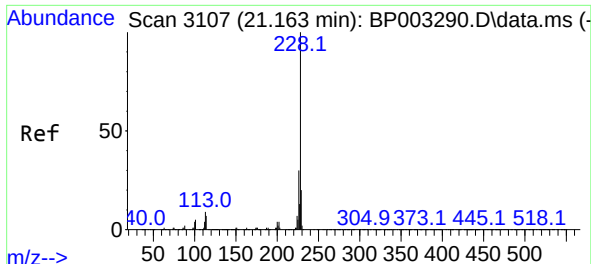
Tgt Ion:	202	Resp:	49765
Ion Ratio	Lower	Upper	
202	100		
200	26.1	17.1	25.7#
203	38.7	14.2	21.2#



#79
Terphenyl-d14
Concen: 69.36 ng
RT: 19.492 min Scan# 2823
Delta R.T. 0.006 min
Lab File: BP003599.D
Acq: 09 Oct 2020 18:21

Tgt Ion:	244	Resp:	824419
Ion Ratio	Lower	Upper	
244	100		
212	7.2	5.8	8.6
122	9.2	7.8	11.8

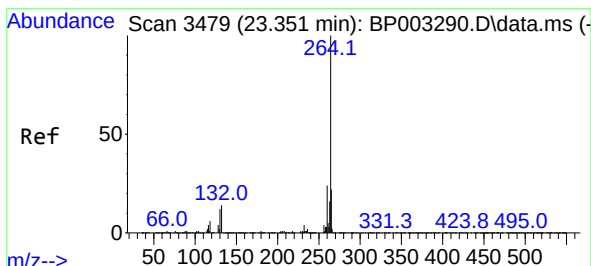
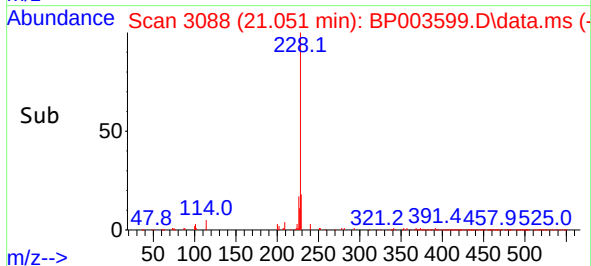
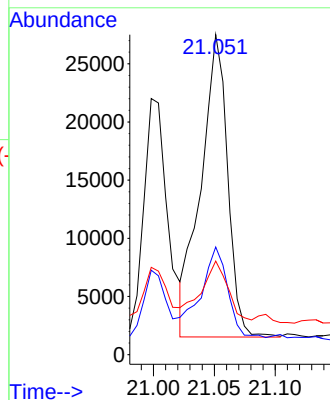
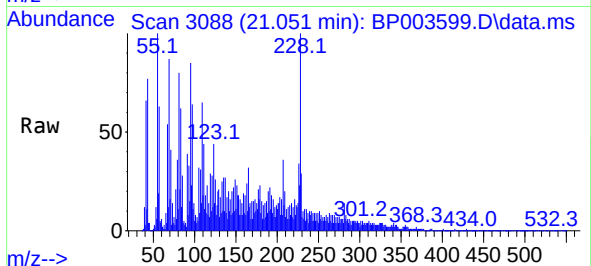




#83
Chrysene
Concen: 2.59 ng
RT: 21.051 min Scan# 3088
Delta R.T. 0.006 min
Lab File: BP003599.D
Acq: 09 Oct 2020 18:21

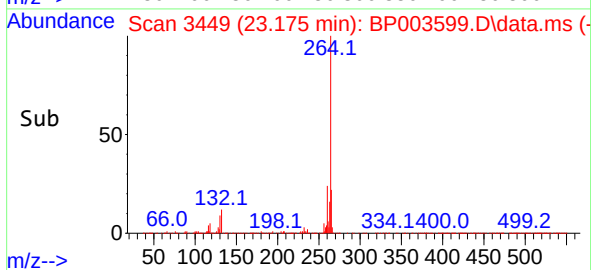
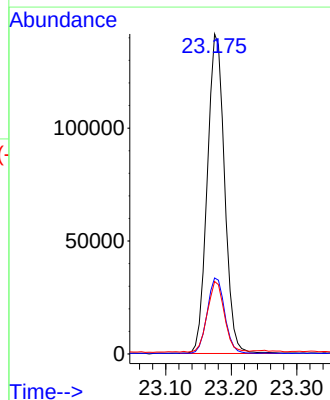
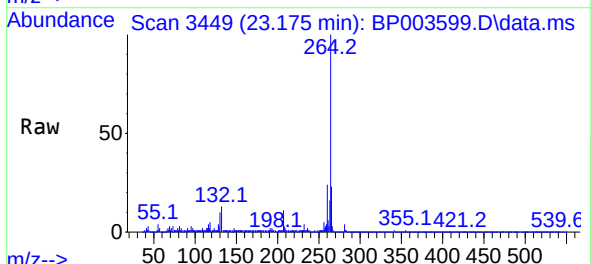
Instrument :
BNA_P
ClientSampleId :
12018

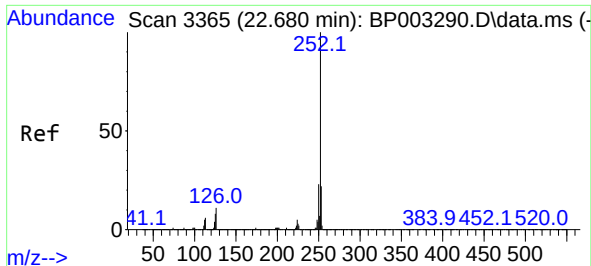
Tgt Ion:	228	Resp:	39912
Ion Ratio	Lower	Upper	
228	100		
226	33.6	24.4	36.6
229	29.3	15.8	23.6#



#86
Perylene-d12
Concen: 20.00 ng
RT: 23.175 min Scan# 3449
Delta R.T. 0.000 min
Lab File: BP003599.D
Acq: 09 Oct 2020 18:21

Tgt Ion:	264	Resp:	259392
Ion Ratio	Lower	Upper	
264	100		
260	23.8	18.8	28.2
265	22.6	17.4	26.2

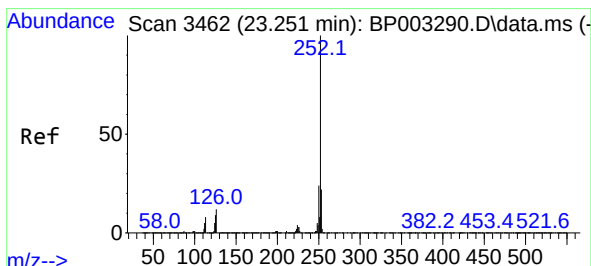
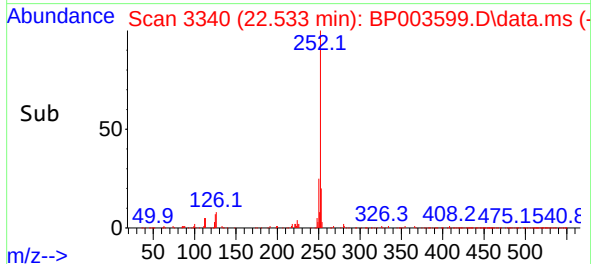
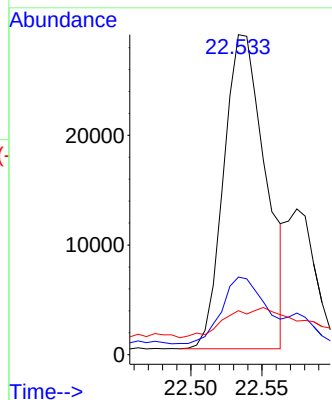
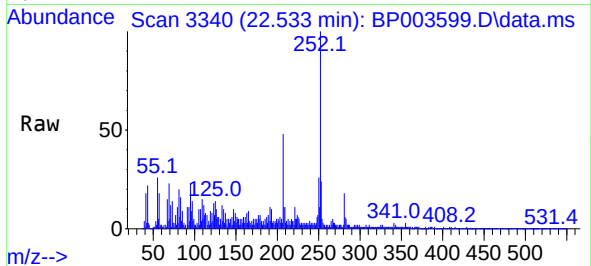




#88
Benzo(b)fluoranthene
Concen: 3.58 ng
RT: 22.533 min Scan# 3340
Delta R.T. 0.006 min
Lab File: BP003599.D
Acq: 09 Oct 2020 18:21

Instrument :
BNA_P
ClientSampleId :
12018

Tgt Ion:252 Resp: 58673
Ion Ratio Lower Upper
252 100
253 24.3 17.6 26.4
125 13.7 7.3 10.9#



#90
Benzo(a)pyrene
Concen: 2.09 ng
RT: 23.086 min Scan# 3434
Delta R.T. 0.006 min
Lab File: BP003599.D
Acq: 09 Oct 2020 18:21

Tgt Ion:252 Resp: 32268
Ion Ratio Lower Upper
252 100
253 24.3 17.4 26.0
125 12.9 8.2 12.4#

