

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102320\
 Data File : BP003720.D
 Acq On : 23 Oct 2020 14:54
 Operator : CG/JU
 Sample : L4484-01
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 72-11998

Quant Time: Oct 23 16:07:11 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP101920.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 19 14:54:24 2020
 Response via : Initial Calibration

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

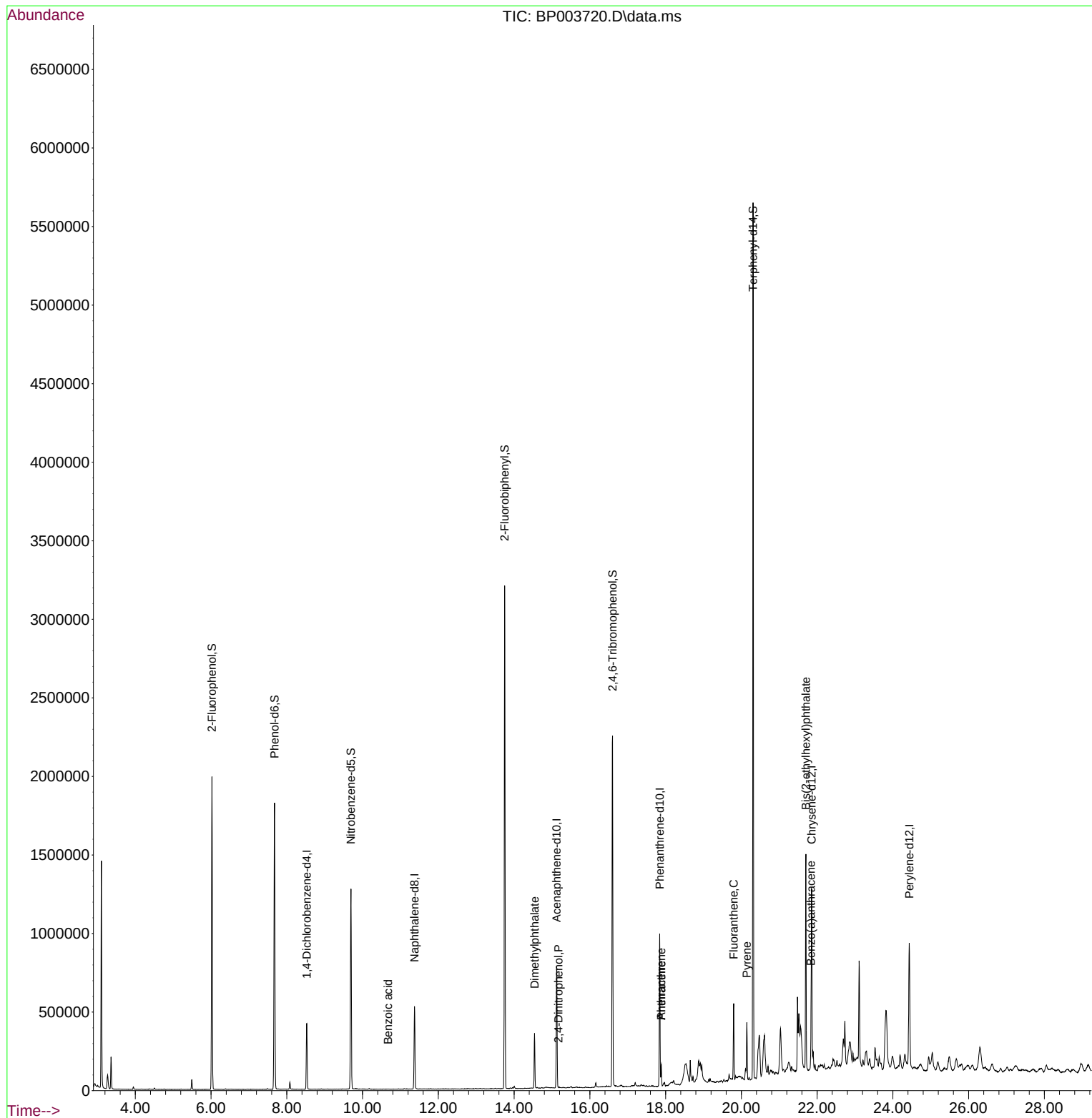
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.528	152	114648	20.00	ng	0.00
21) Naphthalene-d8	11.369	136	414426	20.00	ng	# 0.00
39) Acenaphthene-d10	15.122	164	262480	20.00	ng	0.00
64) Phenanthrene-d10	17.845	188	567874	20.00	ng	0.00
76) Chrysene-d12	21.857	240	598455	20.00	ng	# 0.00
86) Perylene-d12	24.433	264	617279	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	6.022	112	808459	117.92	ng	0.00
7) Phenol-d6	7.675	99	1049808	108.38	ng	0.00
23) Nitrobenzene-d5	9.693	82	742720	75.81	ng	0.00
42) 2,4,6-Tribromophenol	16.598	330	458649	112.00	ng	0.00
45) 2-Fluorobiphenyl	13.751	172	1562239	76.94	ng	0.00
79) Terphenyl-d14	20.310	244	2330421	68.49	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	7.604	77	192	Below Cal	#	9
32) Benzoic acid	10.675	122	55	5.05 ng	#	1
50) Dimethylphthalate	14.539	163	213335	9.89 ng		99
54) 2,4-Dinitrophenol	15.175	184	83	4.86 ng	#	1
71) Phenanthrene	17.886	178	77923	2.47 ng		99
72) Anthracene	17.886	178	77923	2.56 ng		100
75) Fluoranthene	19.798	202	292119	7.53 ng		97
78) Pyrene	20.145	202	217312	5.42 ng		99
81) Benzo(a)anthracene	21.839	228	86179	2.16 ng		99
84) Bis(2-ethylhexyl)phtha...	21.704	149	487502	23.20 ng	#	97

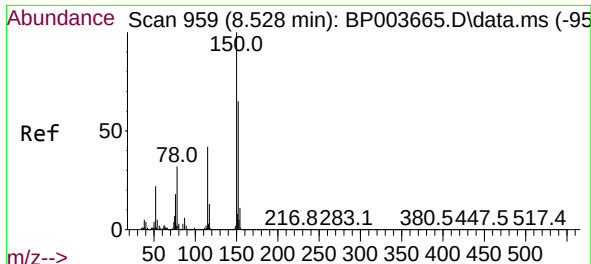
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102320\
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP101920.M
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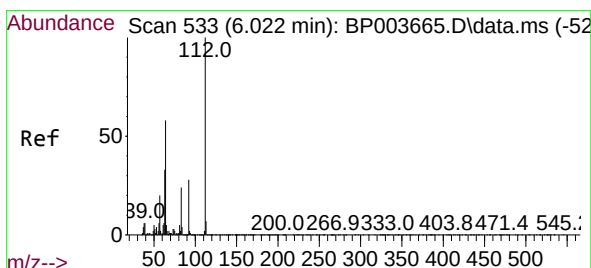
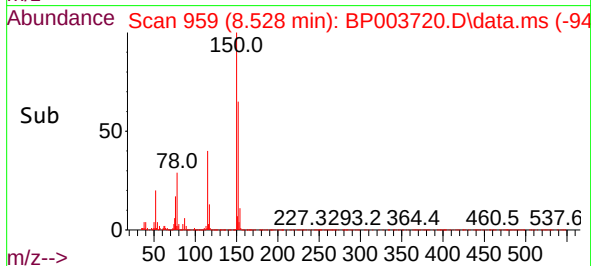
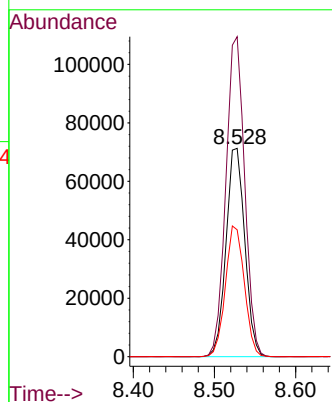
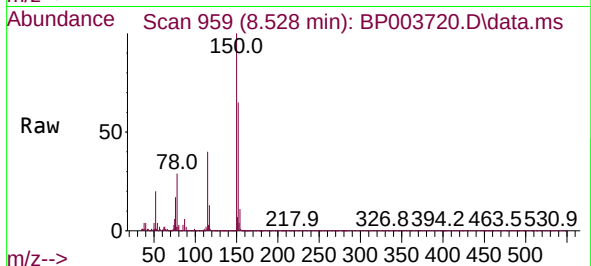




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.528 min Scan# 959
Delta R.T. -0.000 min
Lab File: BP003720.D
Acq: 23 Oct 2020 14:54

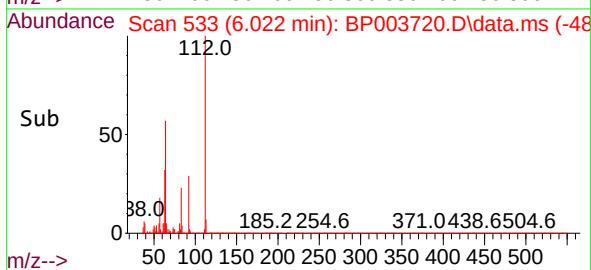
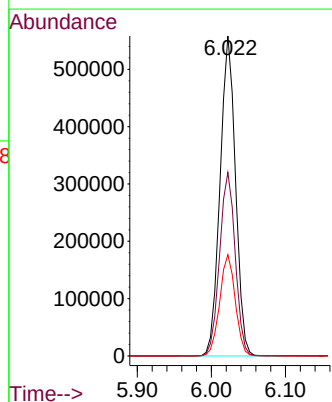
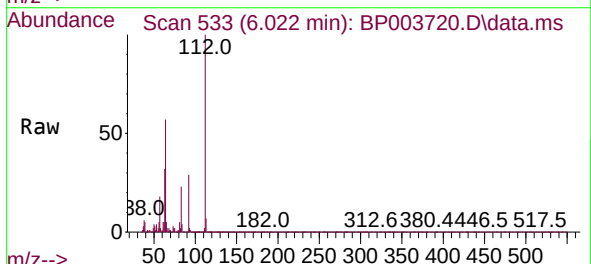
Instrument :
BNA_P
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72-11998

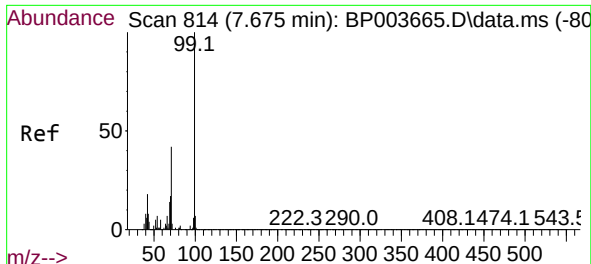
Tgt Ion:152 Resp: 114648
Ion Ratio Lower Upper
152 100
150 153.6 123.8 185.6
115 60.9 43.8 65.6



#5
2-Fluorophenol
Concen: 117.92 ng
RT: 6.022 min Scan# 533
Delta R.T. 0.000 min
Lab File: BP003720.D
Acq: 23 Oct 2020 14:54

Tgt Ion:112 Resp: 808459
Ion Ratio Lower Upper
112 100
64 57.4 32.8 49.2#
63 31.7 17.0 25.4#

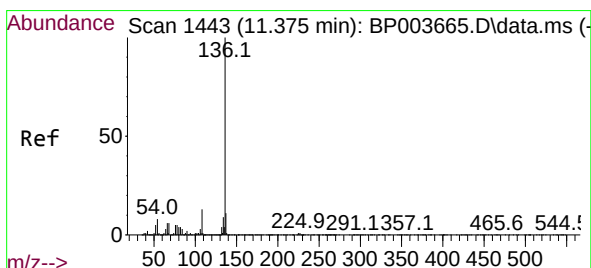
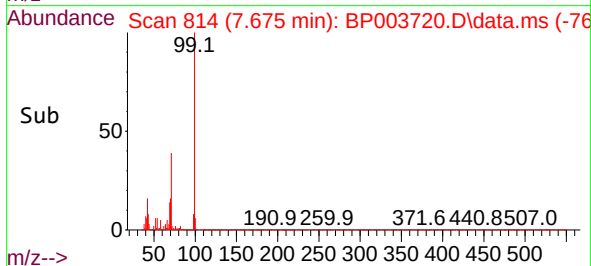
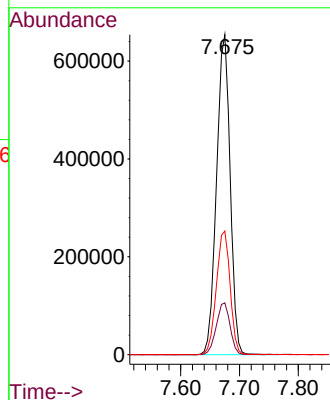
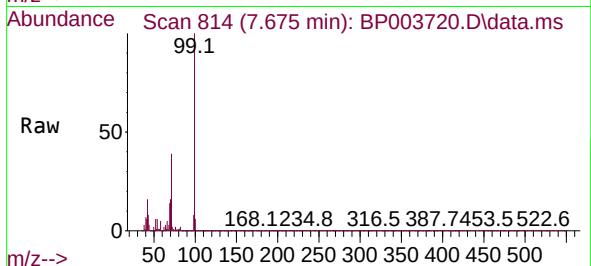




#7
Phenol-d6
Concen: 108.38 ng
RT: 7.675 min Scan# 814
Delta R.T. 0.000 min
Lab File: BP003720.D
Acq: 23 Oct 2020 14:54

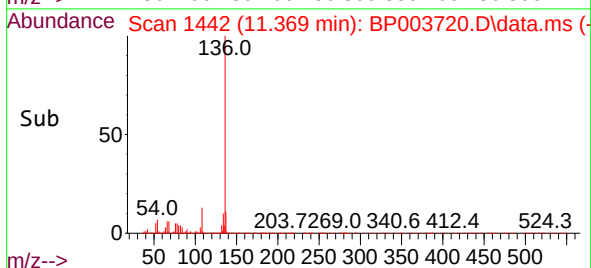
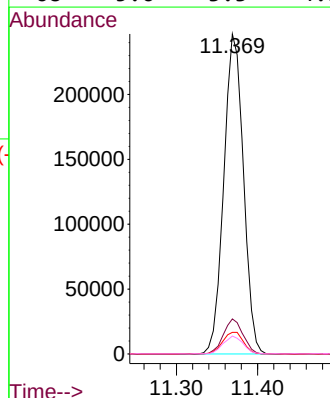
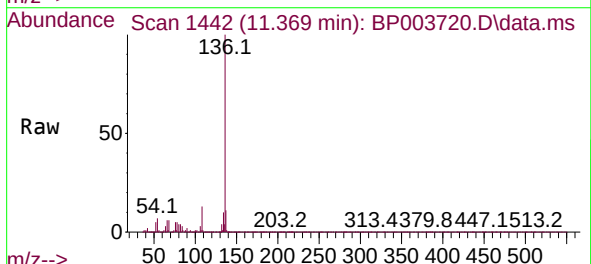
Instrument :
BNA_P
ClientSampleId :
72-11998

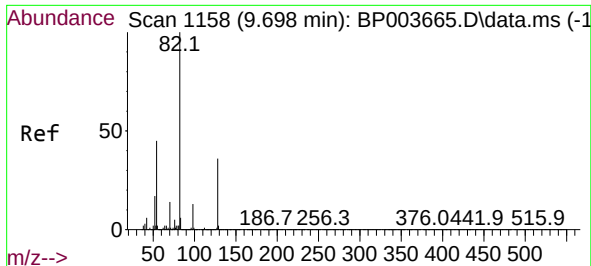
Tgt Ion: 99 Resp: 1049808
Ion Ratio Lower Upper
99 100
42 16.2 8.6 13.0#
71 38.7 23.4 35.2#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.369 min Scan# 1442
Delta R.T. -0.006 min
Lab File: BP003720.D
Acq: 23 Oct 2020 14:54

Tgt Ion: 136 Resp: 414426
Ion Ratio Lower Upper
136 100
137 10.9 8.6 13.0
54 6.8 3.6 5.4#
68 5.6 3.3 4.9#

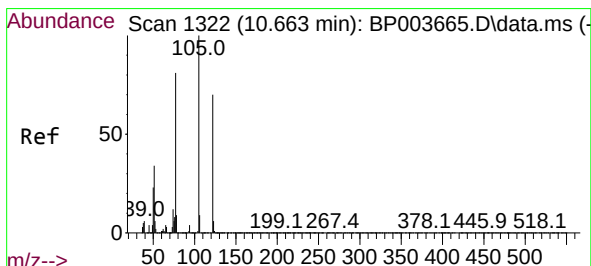
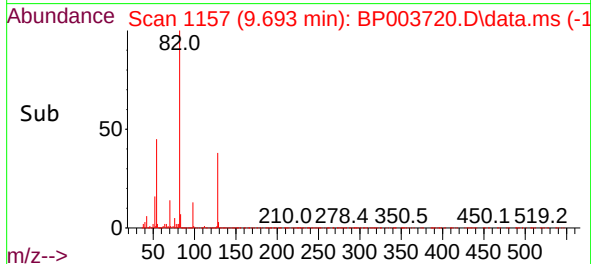
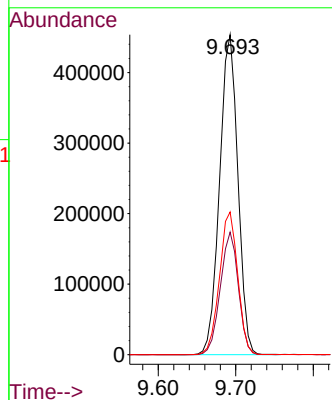
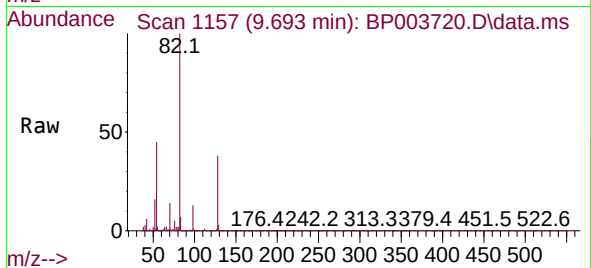




#23
Nitrobenzene-d5
Concen: 75.81 ng
RT: 9.693 min Scan# 1157
Delta R.T. -0.006 min
Lab File: BP003720.D
Acq: 23 Oct 2020 14:54

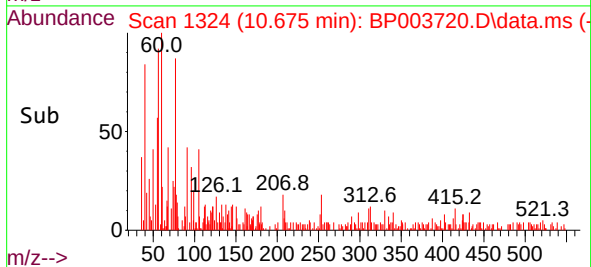
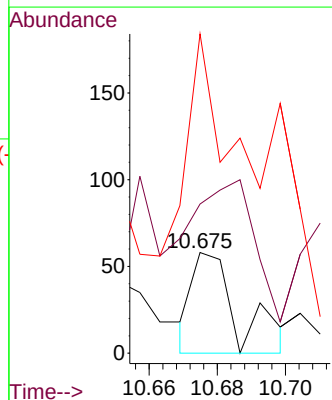
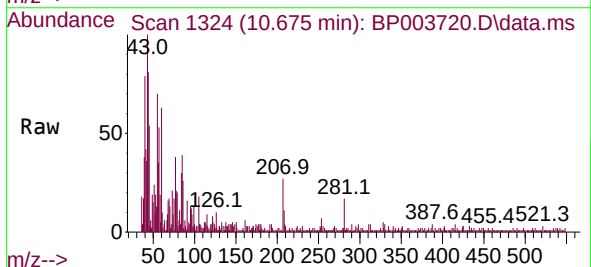
Instrument :
BNA_P
ClientSampleId :
72-11998

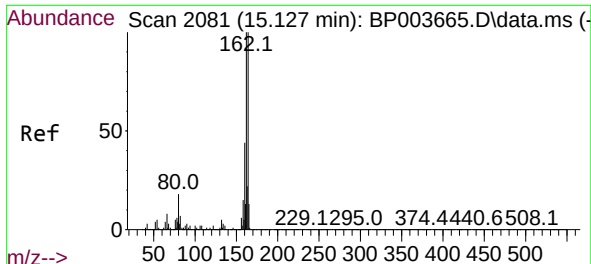
Tgt Ion: 82 Resp: 742720
Ion Ratio Lower Upper
82 100
128 38.3 45.6 68.4#
54 44.6 30.1 45.1



#32
Benzoic acid
Concen: 5.05 ng
RT: 10.675 min Scan# 1324
Delta R.T. 0.012 min
Lab File: BP003720.D
Acq: 23 Oct 2020 14:54

Tgt Ion: 122 Resp: 55
Ion Ratio Lower Upper
122 100
105 148.3 94.1 134.1#
77 317.2 50.1 90.1#

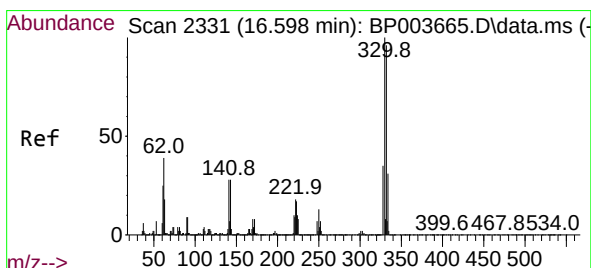
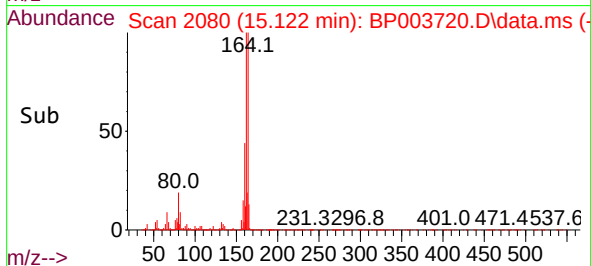
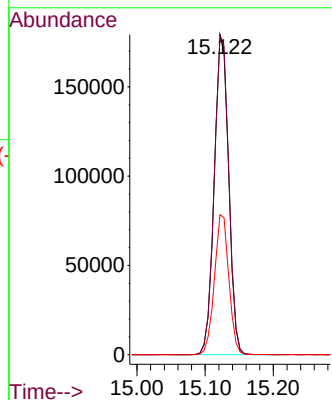
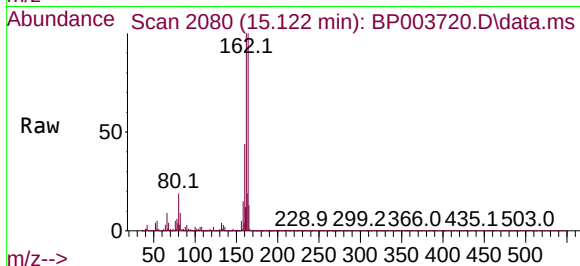




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 15.122 min Scan# 2080
Delta R.T. -0.005 min
Lab File: BP003720.D
Acq: 23 Oct 2020 14:54

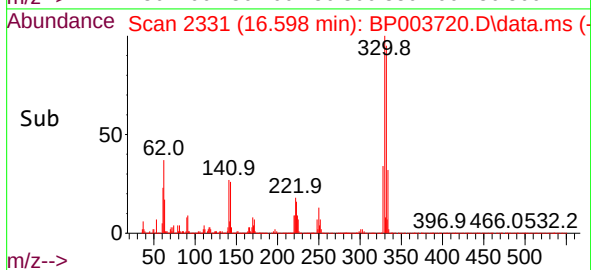
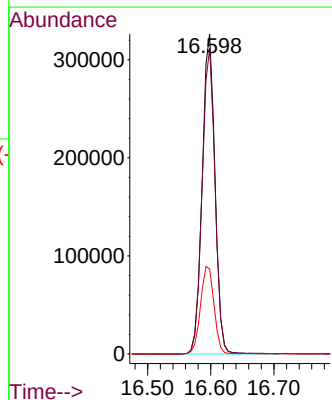
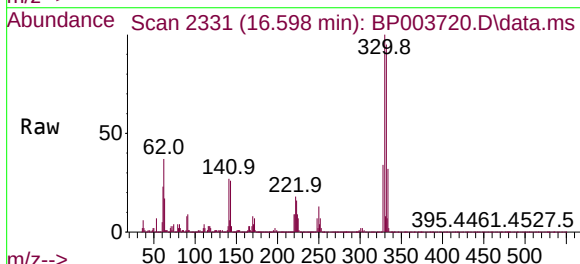
Instrument :
BNA_P
ClientSampleId :
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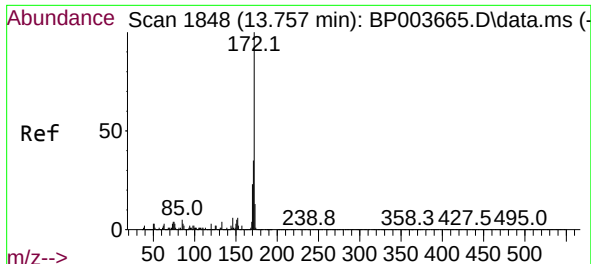
Tgt Ion:164 Resp: 262480
Ion Ratio Lower Upper
164 100
162 100.1 79.4 119.2
160 43.8 36.1 54.1



#42
2,4,6-Tribromophenol
Concen: 112.00 ng
RT: 16.598 min Scan# 2331
Delta R.T. 0.000 min
Lab File: BP003720.D
Acq: 23 Oct 2020 14:54

Tgt Ion:330 Resp: 458649
Ion Ratio Lower Upper
330 100
332 96.3 77.1 115.7
141 28.9 23.4 35.2

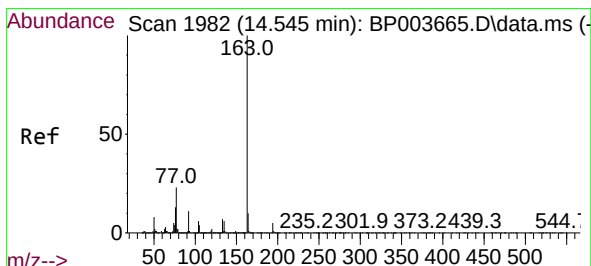
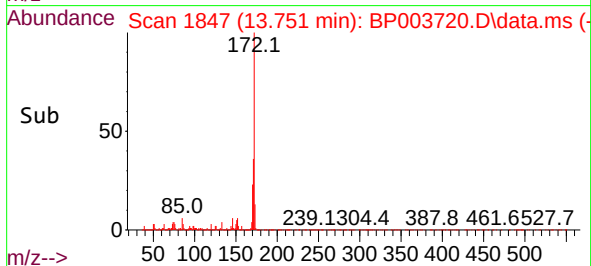
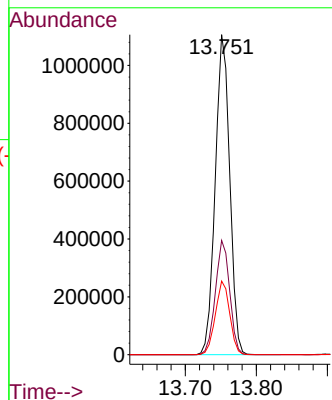
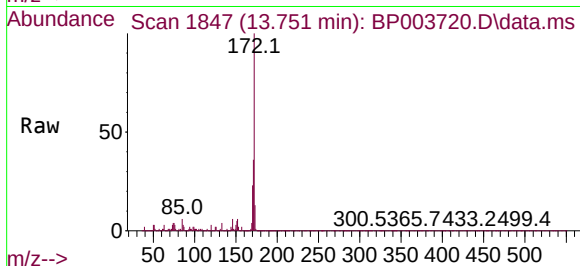




#45
2-Fluorobiphenyl
Concen: 76.94 ng
RT: 13.751 min Scan# 1847
Delta R.T. -0.006 min
Lab File: BP003720.D
Acq: 23 Oct 2020 14:54

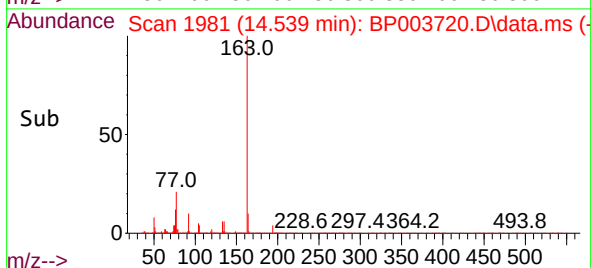
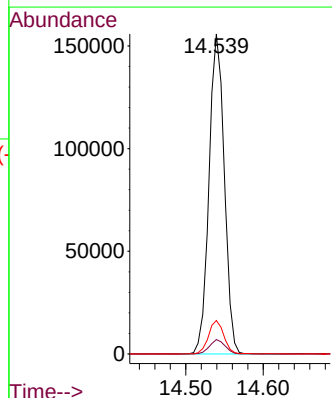
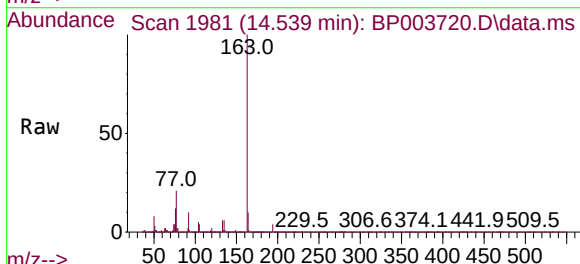
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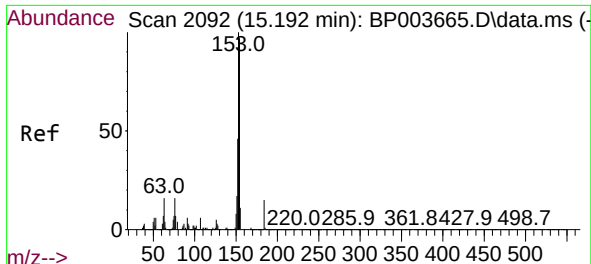
Tgt Ion:172 Resp: 1562239
Ion Ratio Lower Upper
172 100
171 35.7 28.5 42.7
170 23.0 19.2 28.8



#50
Dimethylphthalate
Concen: 9.89 ng
RT: 14.539 min Scan# 1981
Delta R.T. -0.006 min
Lab File: BP003720.D
Acq: 23 Oct 2020 14:54

Tgt Ion:163 Resp: 213335
Ion Ratio Lower Upper
163 100
194 4.5 3.3 4.9
164 10.5 8.2 12.2

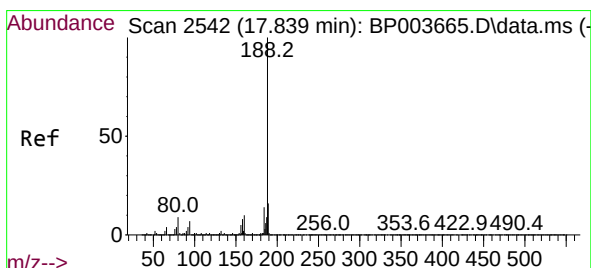
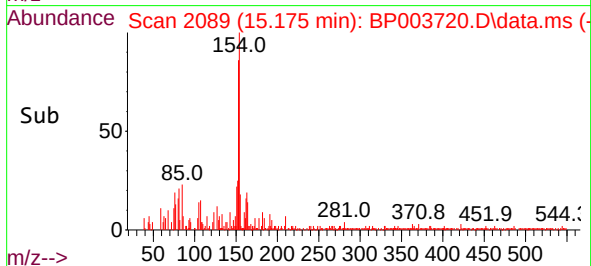
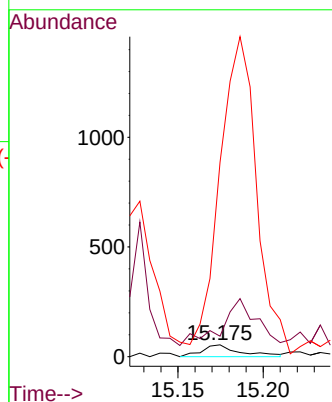
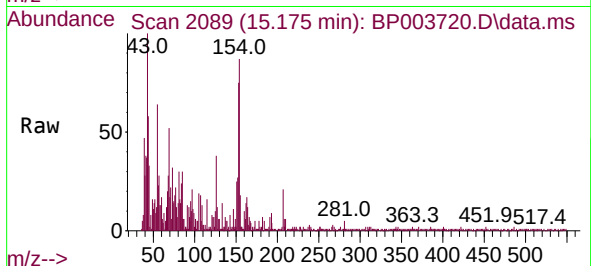




#54
2,4-Dinitrophenol
Concen: 4.86 ng
RT: 15.175 min Scan# 2089
Delta R.T. -0.017 min
Lab File: BP003720.D
Acq: 23 Oct 2020 14:54

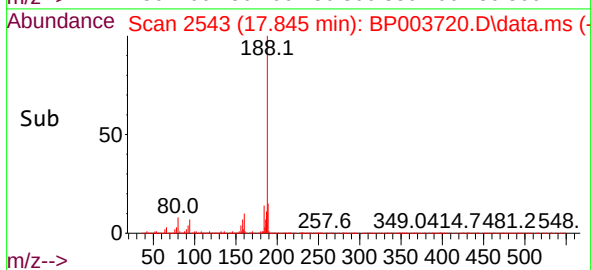
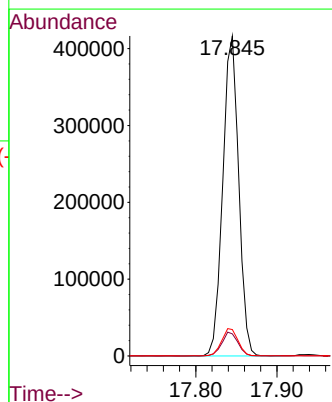
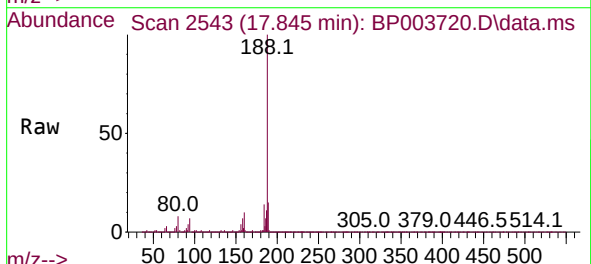
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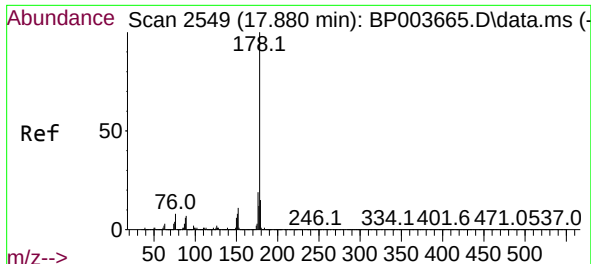
Tgt Ion:184 Resp: 83
Ion Ratio Lower Upper
184 100
63 172.2 32.3 48.5#
154 1640.7 49.1 73.7#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.845 min Scan# 2543
Delta R.T. 0.006 min
Lab File: BP003720.D
Acq: 23 Oct 2020 14:54

Tgt Ion:188 Resp: 567874
Ion Ratio Lower Upper
188 100
94 6.9 6.2 9.2
80 8.3 6.2 9.2

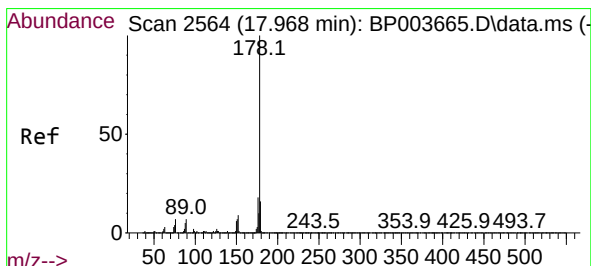
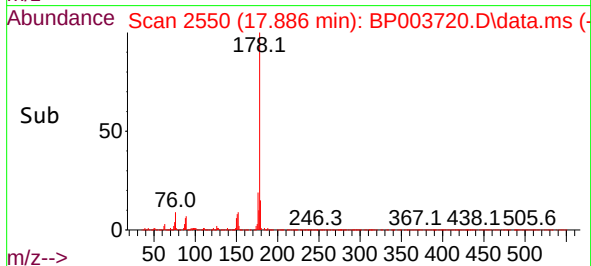
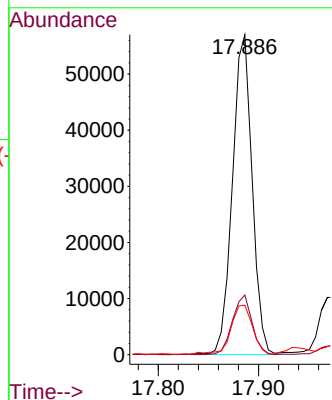
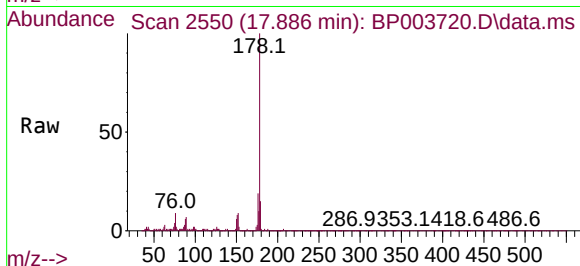




#71
Phenanthrene
Concen: 2.47 ng
RT: 17.886 min Scan# 2550
Delta R.T. 0.006 min
Lab File: BP003720.D
Acq: 23 Oct 2020 14:54

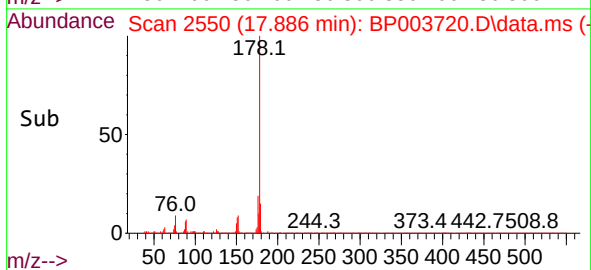
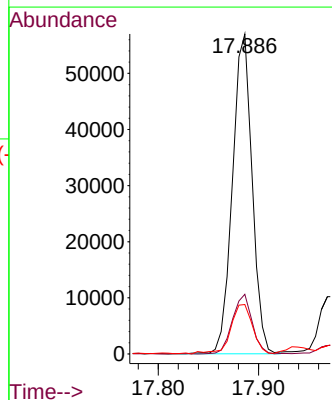
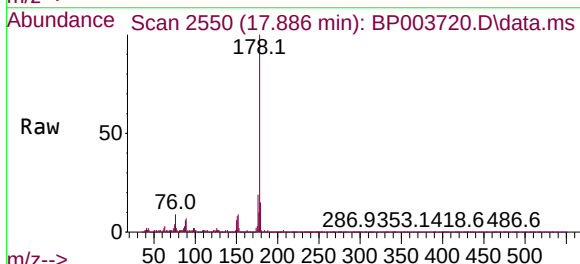
Instrument :
BNA_P
ClientSampleId :
72-11998

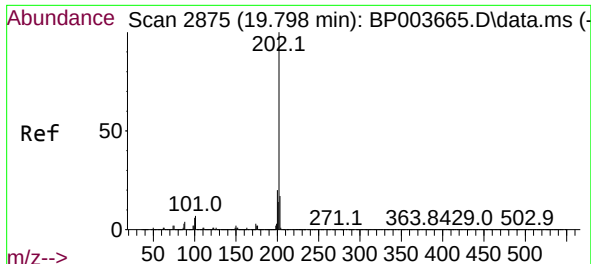
Tgt Ion:178 Resp: 77923
Ion Ratio Lower Upper
178 100
176 18.6 15.3 22.9
179 15.5 12.5 18.7



#72
Anthracene
Concen: 2.56 ng
RT: 17.886 min Scan# 2550
Delta R.T. -0.082 min
Lab File: BP003720.D
Acq: 23 Oct 2020 14:54

Tgt Ion:178 Resp: 77923
Ion Ratio Lower Upper
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176 18.6 15.0 22.4
179 15.5 12.5 18.7

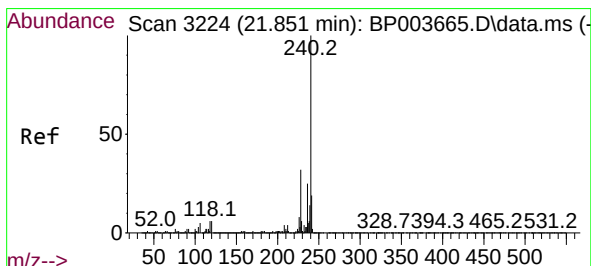
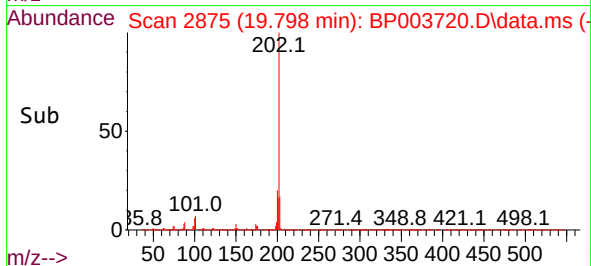
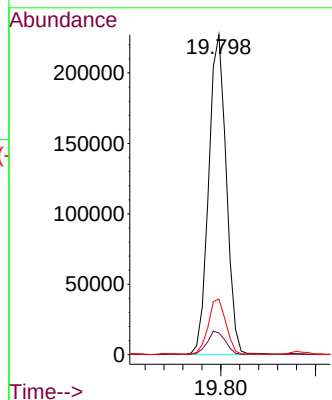
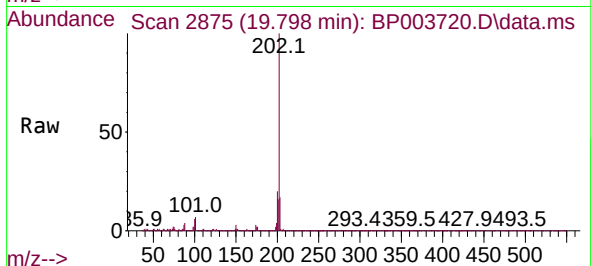




#75
Fluoranthene
Concen: 7.53 ng
RT: 19.798 min Scan# 2875
Delta R.T. 0.000 min
Lab File: BP003720.D
Acq: 23 Oct 2020 14:54

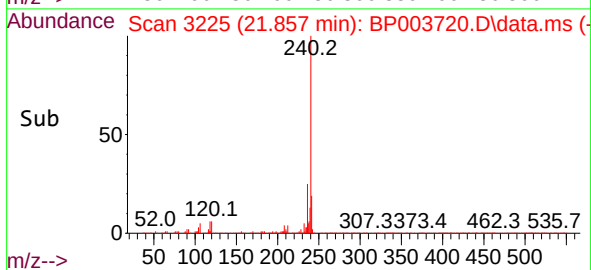
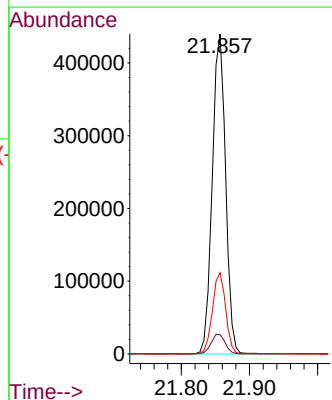
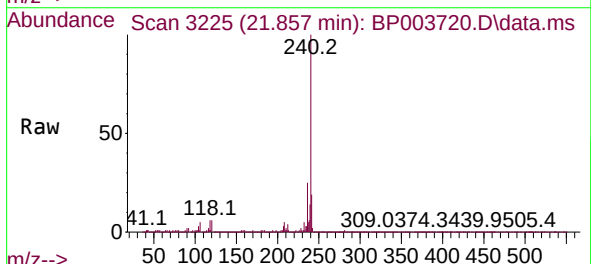
Instrument :
BNA_P
ClientSampleId :
72-11998

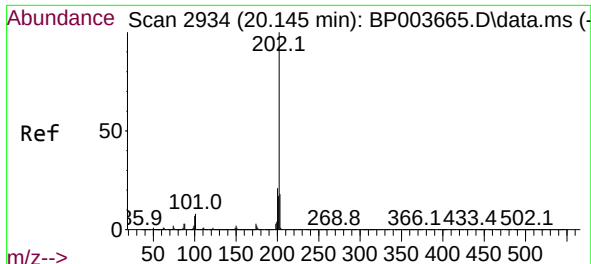
Tgt Ion:	202	Resp:	292119
Ion Ratio	Lower	Upper	
202	100		
101	6.8	0.0	29.4
203	17.4	0.0	37.8



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.857 min Scan# 3225
Delta R.T. 0.006 min
Lab File: BP003720.D
Acq: 23 Oct 2020 14:54

Tgt Ion:	240	Resp:	598455
Ion Ratio	Lower	Upper	
240	100		
120	6.0	7.8	11.6#
236	25.4	20.8	31.2

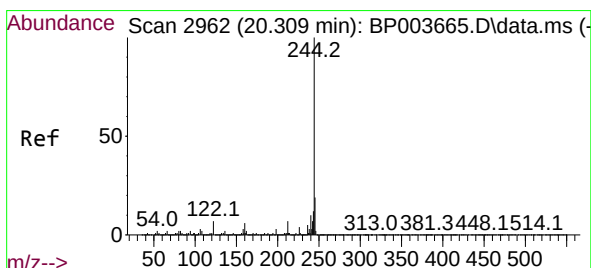
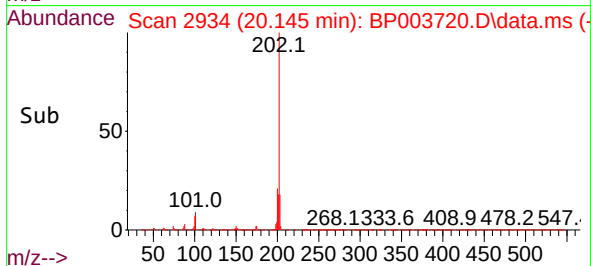
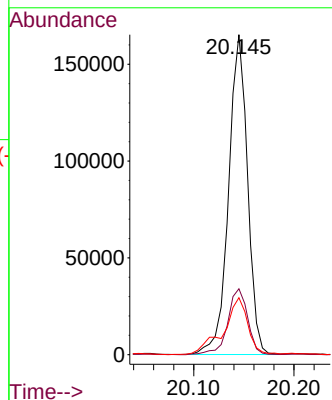
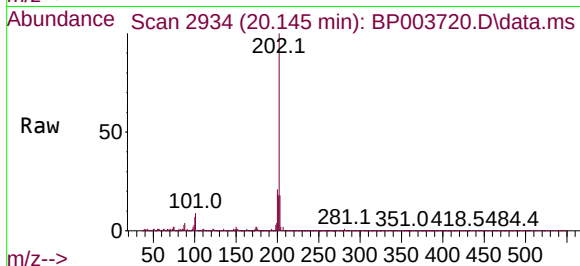




#78
Pyrene
Concen: 5.42 ng
RT: 20.145 min Scan# 2934
Delta R.T. 0.000 min
Lab File: BP003720.D
Acq: 23 Oct 2020 14:54

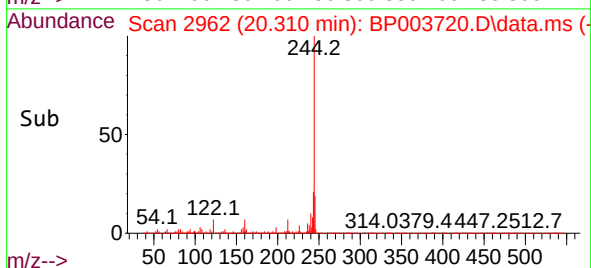
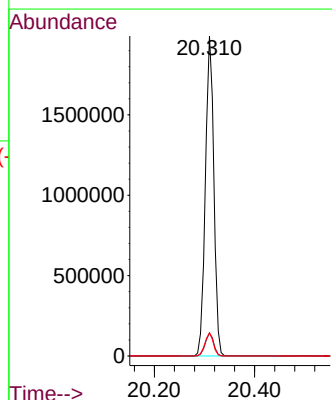
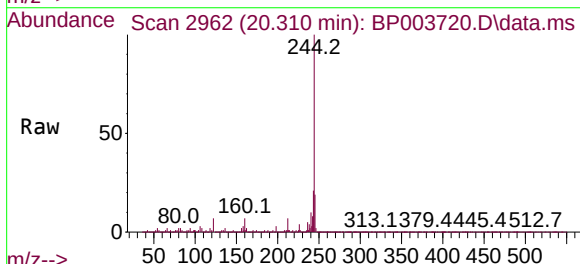
Instrument :
BNA_P
ClientSampleId :
72-11998

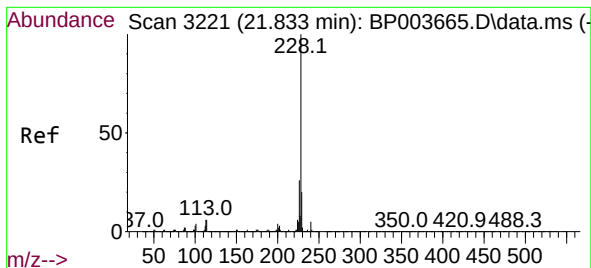
Tgt Ion:202 Resp: 217312
Ion Ratio Lower Upper
202 100
200 20.6 17.1 25.7
203 17.8 14.2 21.2



#79
Terphenyl-d14
Concen: 68.49 ng
RT: 20.310 min Scan# 2962
Delta R.T. 0.000 min
Lab File: BP003720.D
Acq: 23 Oct 2020 14:54

Tgt Ion:244 Resp: 2330421
Ion Ratio Lower Upper
244 100
212 7.2 5.8 8.6
122 7.2 7.8 11.8#

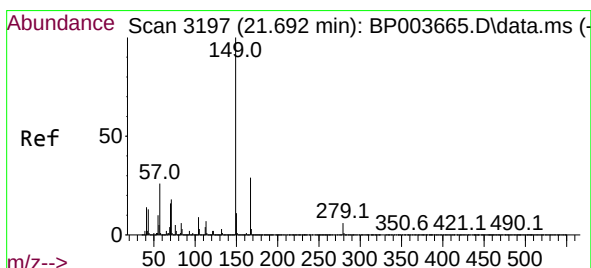
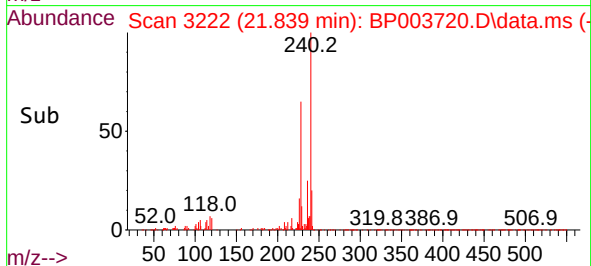
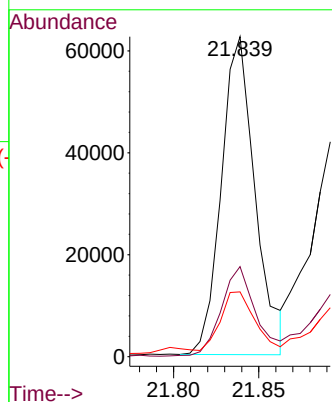
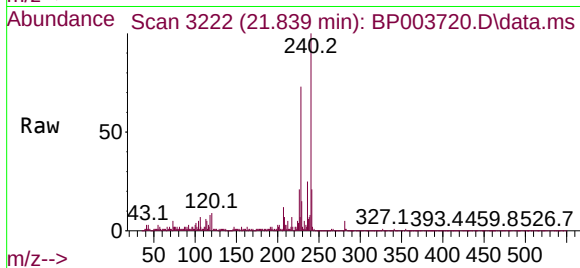




#81
Benzo(a)anthracene
Concen: 2.16 ng
RT: 21.839 min Scan# 3222
Delta R.T. 0.006 min
Lab File: BP003720.D
Acq: 23 Oct 2020 14:54

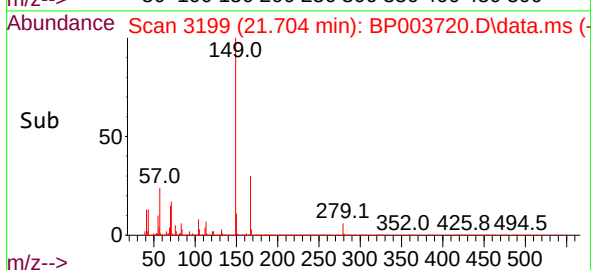
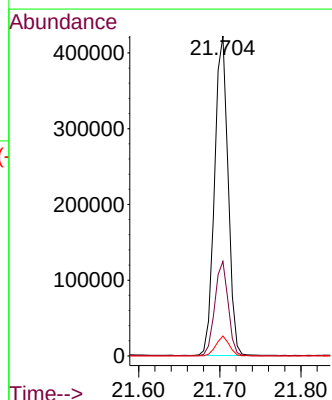
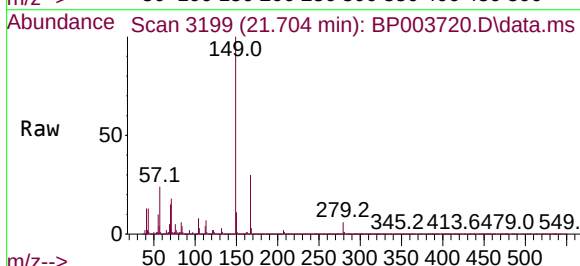
Instrument :
BNA_P
ClientSampleId :
72-11998

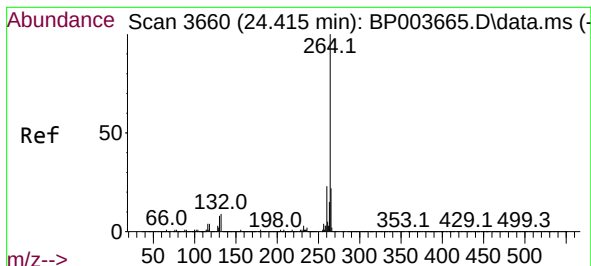
Tgt Ion:	228	Resp:	86179
Ion Ratio	Lower	Upper	
228	100		
226	28.1	22.1	33.1
229	20.2	15.9	23.9



#84
Bis(2-ethylhexyl)phthalate
Concen: 23.20 ng
RT: 21.704 min Scan# 3199
Delta R.T. 0.012 min
Lab File: BP003720.D
Acq: 23 Oct 2020 14:54

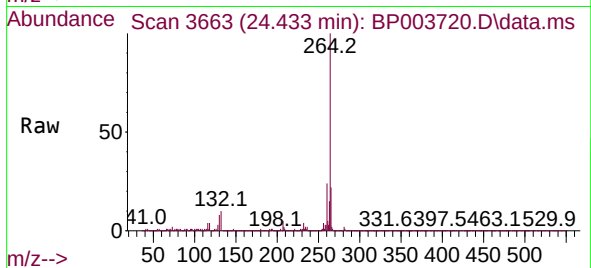
Tgt Ion:	149	Resp:	487502
Ion Ratio	Lower	Upper	
149	100		
167	29.6	22.6	34.0
279	6.3	4.2	6.2#





#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 24.433 min Scan# 3663
 Delta R.T. 0.018 min
 Lab File: BP003720.D
 Acq: 23 Oct 2020 14:54

Instrument :
 BNA_P
 ClientSampleId :
 72-11998



Tgt Ion:264 Resp: 617279

Ion	Ratio	Lower	Upper
264	100		
260	24.0	18.8	28.2
265	22.1	17.4	26.2

