

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102220\
 Data File : BP003707.D
 Acq On : 23 Oct 2020 04:40
 Operator : CG/JU
 Sample : L4468-02
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 72-11977

Quant Time: Oct 23 07:37:31 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)

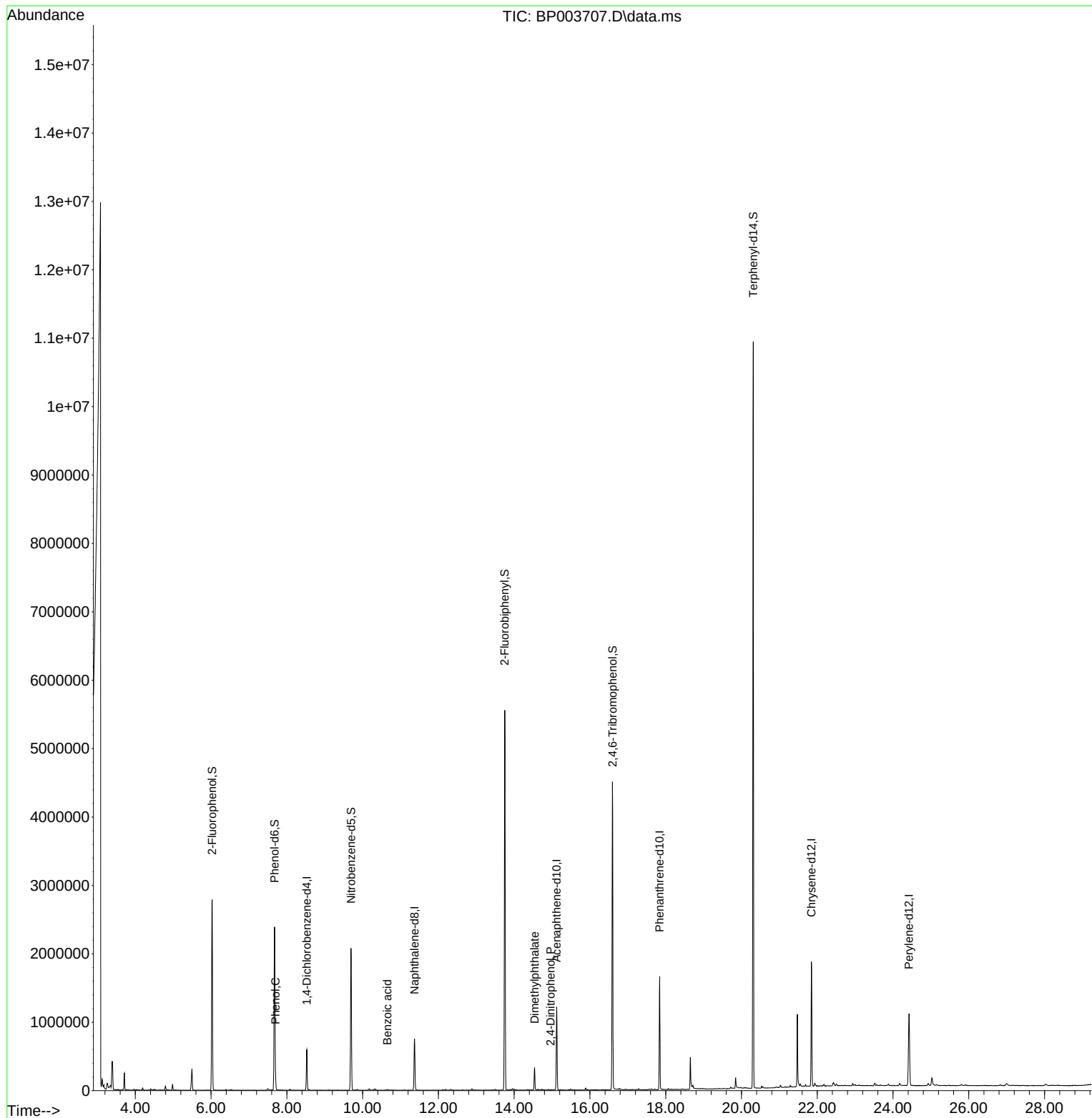
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.528	152	159351	20.00	ng	0.00
21) Naphthalene-d8	11.369	136	590737	20.00	ng	# 0.00
39) Acenaphthene-d10	15.122	164	401066	20.00	ng	0.00
64) Phenanthrene-d10	17.839	188	935773	20.00	ng	0.00
76) Chrysene-d12	21.845	240	976853	20.00	ng	# 0.00
86) Perylene-d12	24.421	264	863770	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.028	112	1176642	123.47	ng	0.00
7) Phenol-d6	7.675	99	1377073	102.28	ng	0.00
23) Nitrobenzene-d5	9.693	82	1226770	87.85	ng	0.00
42) 2,4,6-Tribromophenol	16.598	330	885098	141.45	ng	0.00
45) 2-Fluorobiphenyl	13.751	172	2752588	88.73	ng	0.00
79) Terphenyl-d14	20.310	244	4745955	85.45	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	7.616	77	230	Below Cal	#	32
10) Phenol	7.699	94	83115	6.48	ng	71
32) Benzoic acid	10.652	122	902	5.19	ng	98
50) Dimethylphthalate	14.540	163	194819	5.91	ng	99
54) 2,4-Dinitrophenol	14.963	184	17	4.83	ng	91

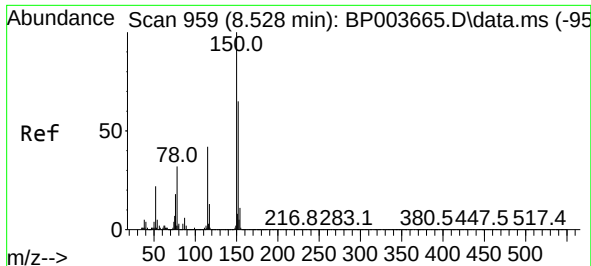
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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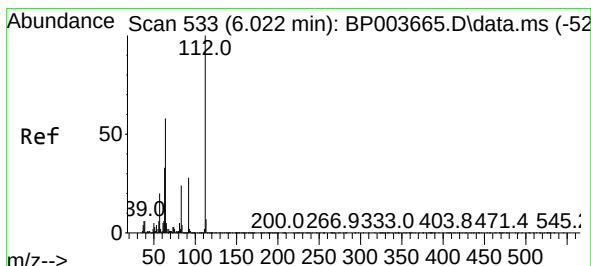
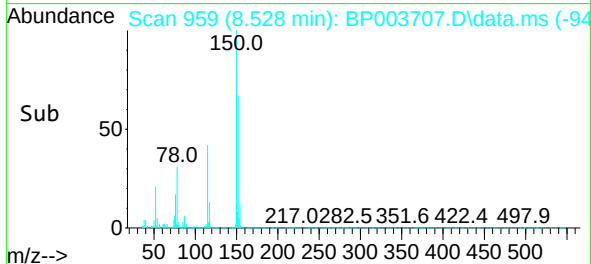
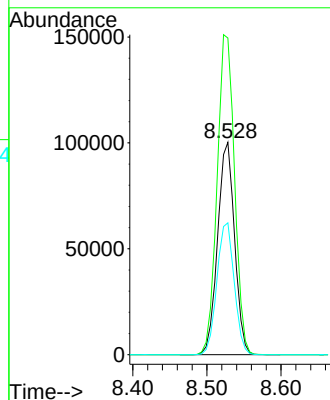
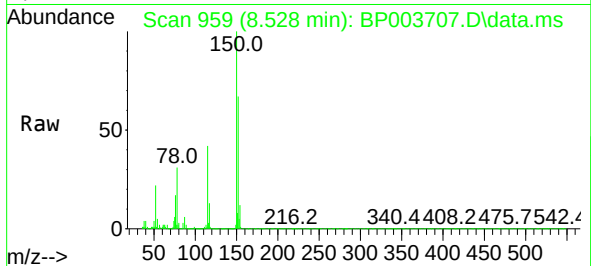




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.528 min Scan# 959
Delta R.T. 0.000 min
Lab File: BP003707.D
Acq: 23 Oct 2020 04:40

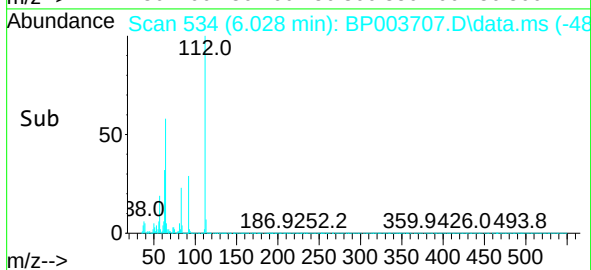
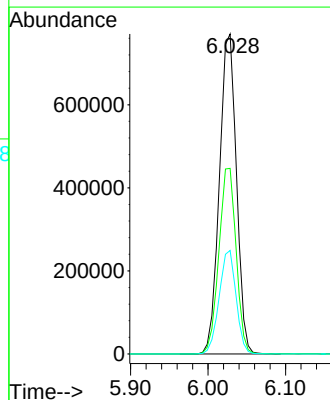
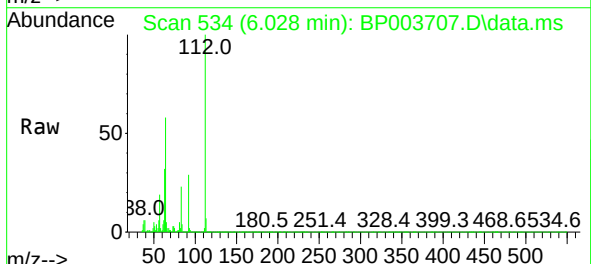
Instrument :
BNA_P
ClientSampleId :
72-11977

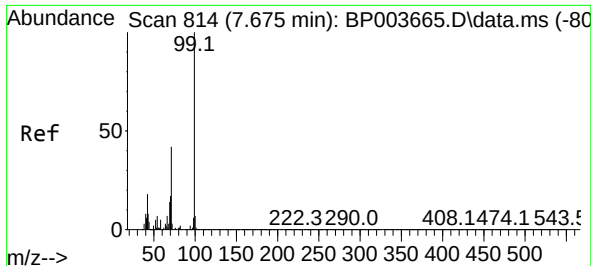
Tgt Ion:152 Resp: 159351
Ion Ratio Lower Upper
152 100
150 149.1 123.8 185.6
115 62.1 43.8 65.6



#5
2-Fluorophenol
Concen: 123.47 ng
RT: 6.028 min Scan# 534
Delta R.T. 0.006 min
Lab File: BP003707.D
Acq: 23 Oct 2020 04:40

Tgt Ion:112 Resp: 1176642
Ion Ratio Lower Upper
112 100
64 58.0 32.8 49.2#
63 32.4 17.0 25.4#



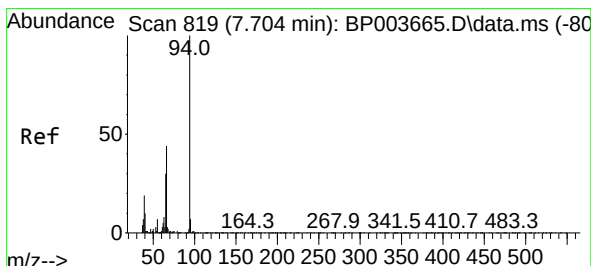
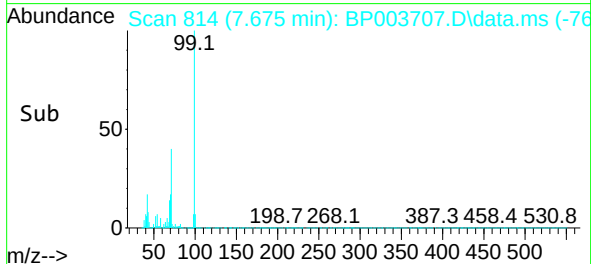
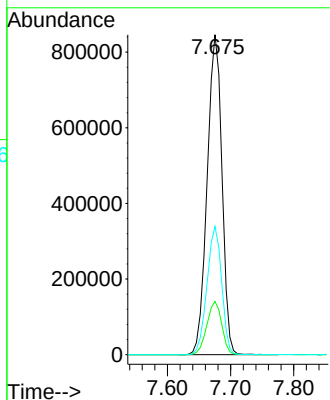
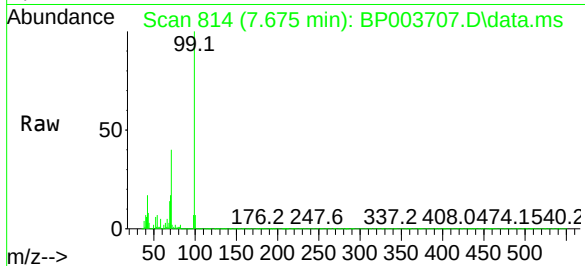


#7
Phenol-d6
Concen: 102.28 ng
RT: 7.675 min Scan# 814
Delta R.T. 0.000 min
Lab File: BP003707.D
Acq: 23 Oct 2020 04:40

Instrument :
BNA_P
ClientSampleId :
72-11977

Tgt Ion: 99 Resp: 1377073

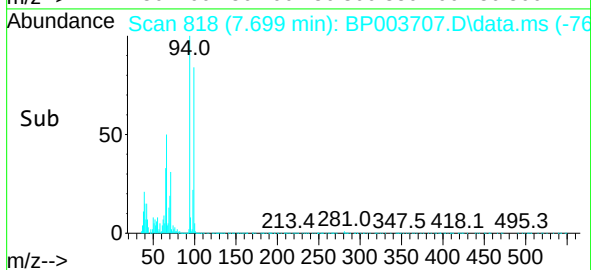
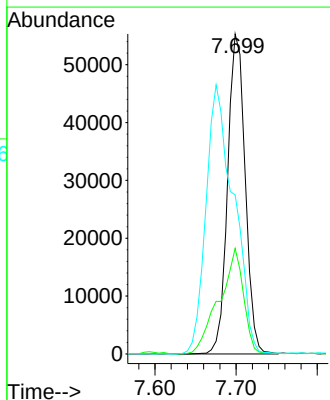
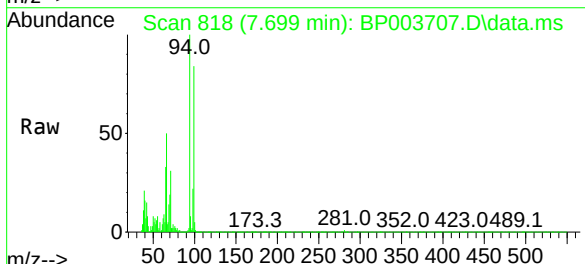
Ion	Ratio	Lower	Upper
99	100		
42	16.6	8.6	13.0#
71	40.1	23.4	35.2#

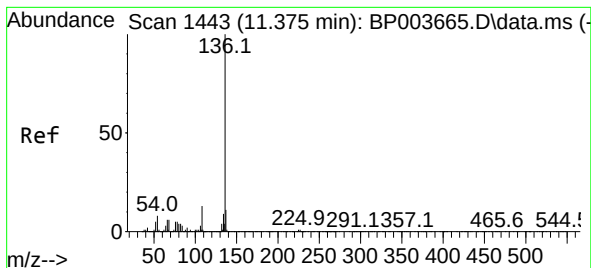


#10
Phenol
Concen: 6.48 ng
RT: 7.699 min Scan# 818
Delta R.T. -0.005 min
Lab File: BP003707.D
Acq: 23 Oct 2020 04:40

Tgt Ion: 94 Resp: 83115

Ion	Ratio	Lower	Upper
94	100		
65	33.0	2.3	42.3
66	49.7	10.9	50.9

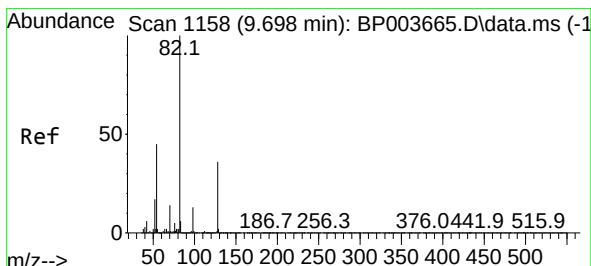
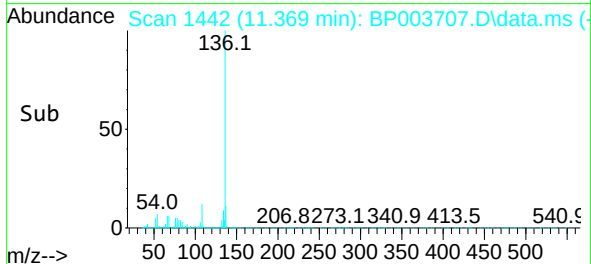
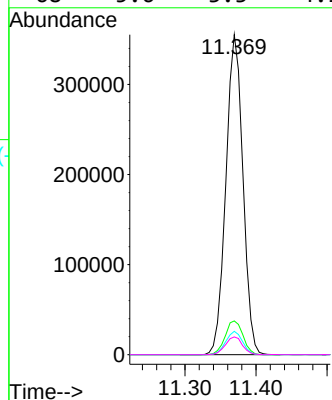
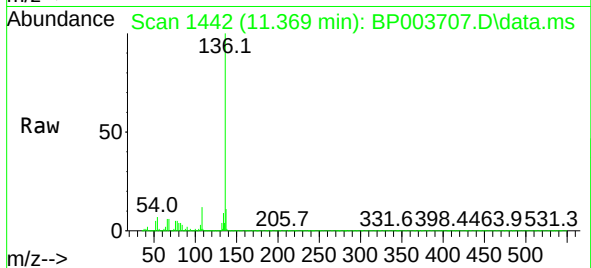




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.369 min Scan# 1442
Delta R.T. -0.006 min
Lab File: BP003707.D
Acq: 23 Oct 2020 04:40

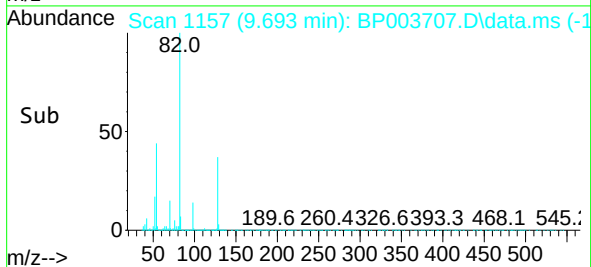
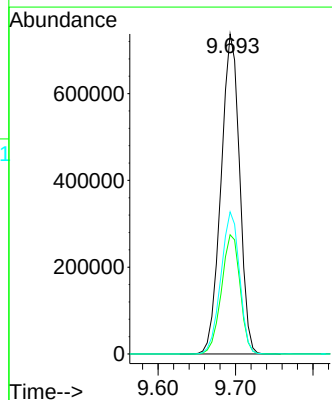
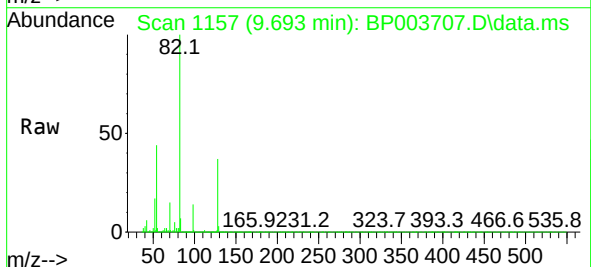
Instrument :
BNA_P
ClientSampleId :
72-11977

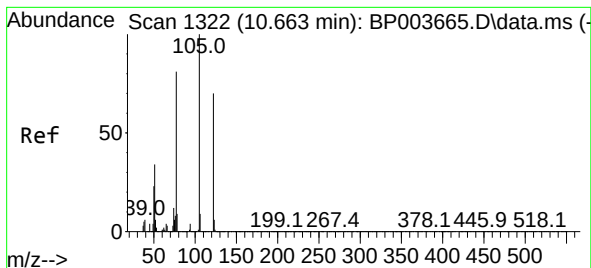
Tgt Ion:	136	Resp:	590737
Ion Ratio	Lower	Upper	
136	100		
137	10.6	8.6	13.0
54	7.3	3.6	5.4#
68	5.6	3.3	4.9#



#23
Nitrobenzene-d5
Concen: 87.85 ng
RT: 9.693 min Scan# 1157
Delta R.T. -0.005 min
Lab File: BP003707.D
Acq: 23 Oct 2020 04:40

Tgt Ion:	82	Resp:	1226770
Ion Ratio	Lower	Upper	
82	100		
128	37.3	45.6	68.4#
54	44.4	30.1	45.1

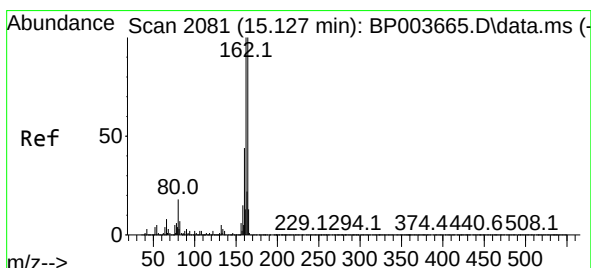
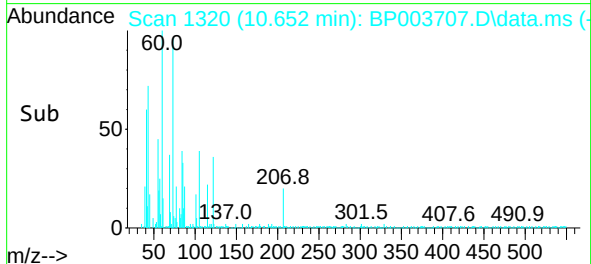
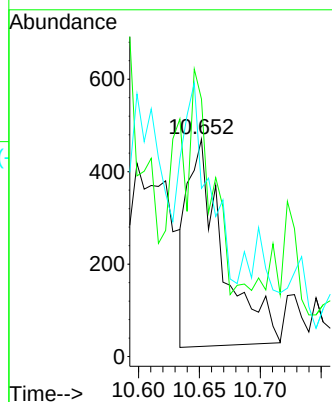
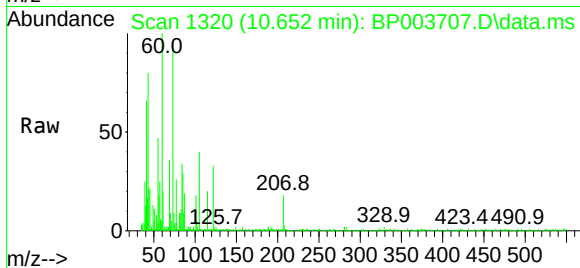




#32
Benzoic acid
Concen: 5.19 ng
RT: 10.652 min Scan# 1320
Delta R.T. -0.011 min
Lab File: BP003707.D
Acq: 23 Oct 2020 04:40

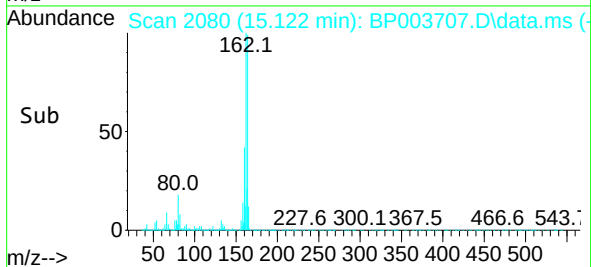
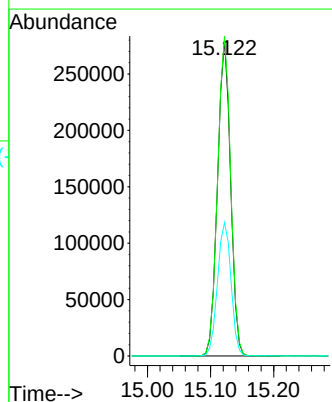
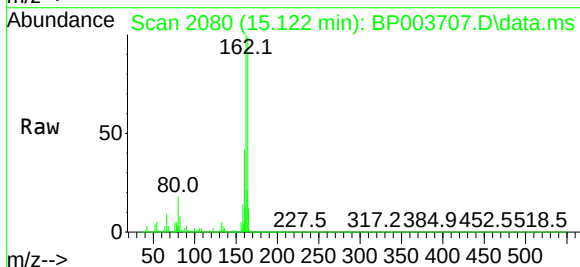
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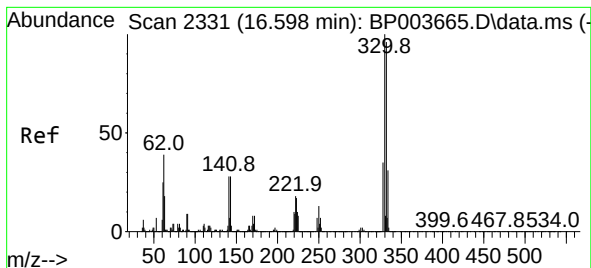
Tgt Ion:	122	Resp:	902
Ion	Ratio	Lower	Upper
122	100		
105	113.2	94.1	134.1
77	74.0	50.1	90.1



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 15.122 min Scan# 2080
Delta R.T. -0.005 min
Lab File: BP003707.D
Acq: 23 Oct 2020 04:40

Tgt Ion:	164	Resp:	401066
Ion	Ratio	Lower	Upper
164	100		
162	101.3	79.4	119.2
160	42.2	36.1	54.1

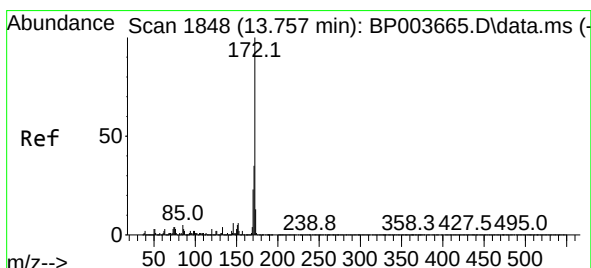
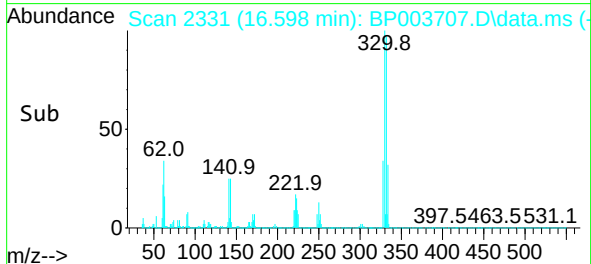
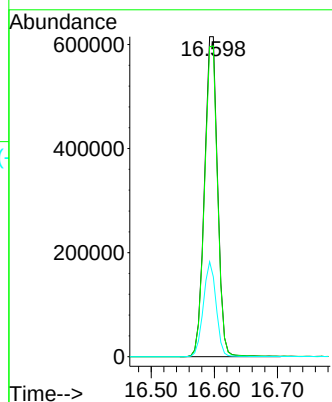
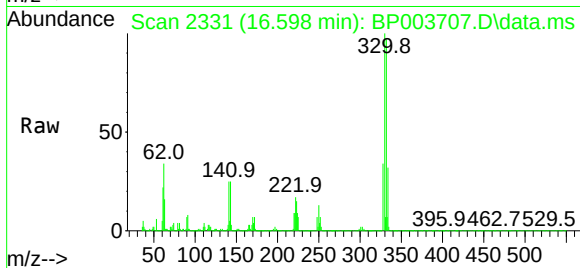




#42
2,4,6-Tribromophenol
Concen: 141.45 ng
RT: 16.598 min Scan# 2331
Delta R.T. 0.000 min
Lab File: BP003707.D
Acq: 23 Oct 2020 04:40

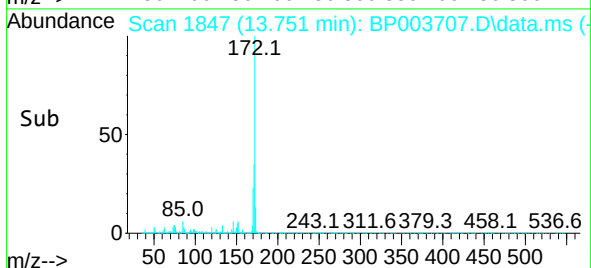
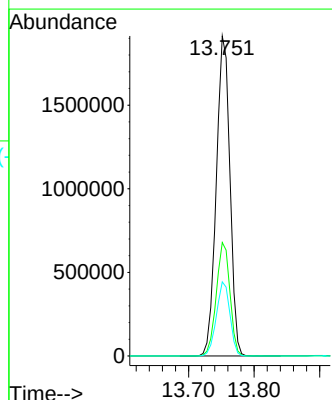
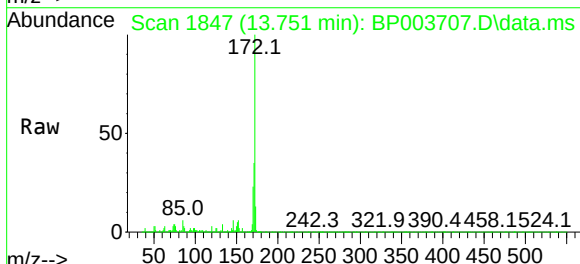
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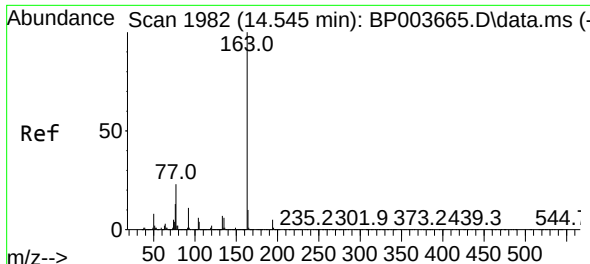
Tgt Ion:330 Resp: 885098
Ion Ratio Lower Upper
330 100
332 97.0 77.1 115.7
141 29.1 23.4 35.2



#45
2-Fluorobiphenyl
Concen: 88.73 ng
RT: 13.751 min Scan# 1847
Delta R.T. -0.005 min
Lab File: BP003707.D
Acq: 23 Oct 2020 04:40

Tgt Ion:172 Resp: 2752588
Ion Ratio Lower Upper
172 100
171 35.5 28.5 42.7
170 23.2 19.2 28.8

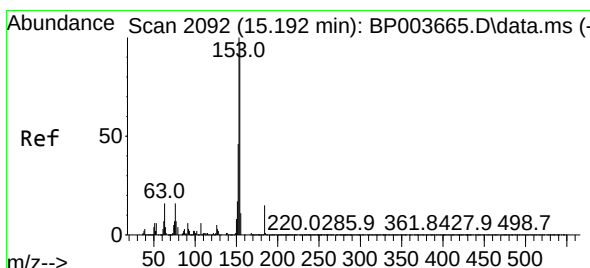
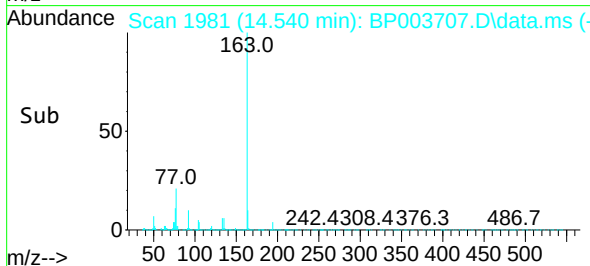
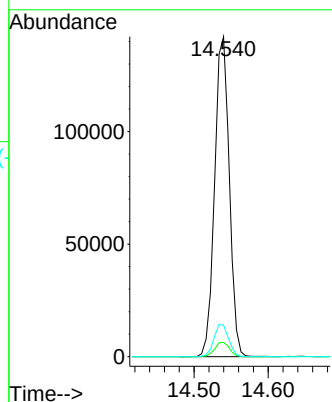
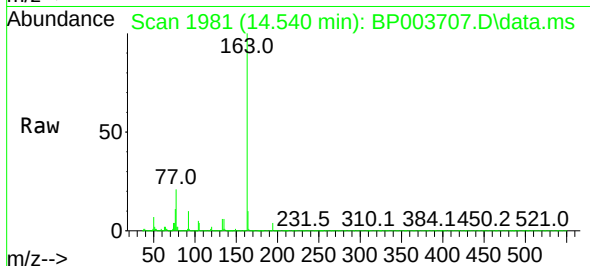




#50
Dimethylphthalate
Concen: 5.91 ng
RT: 14.540 min Scan# 1981
Delta R.T. -0.005 min
Lab File: BP003707.D
Acq: 23 Oct 2020 04:40

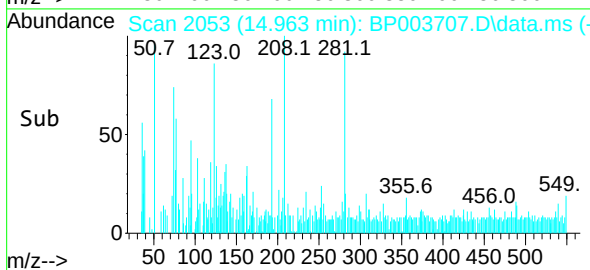
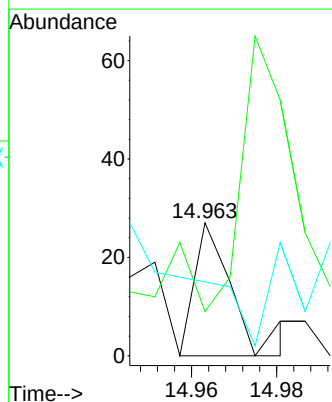
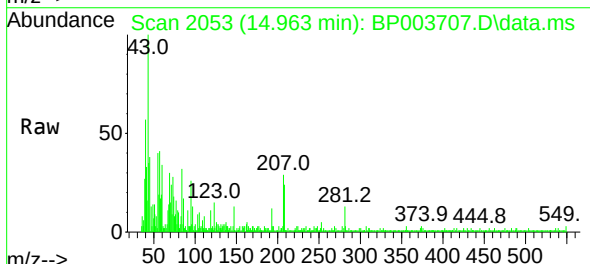
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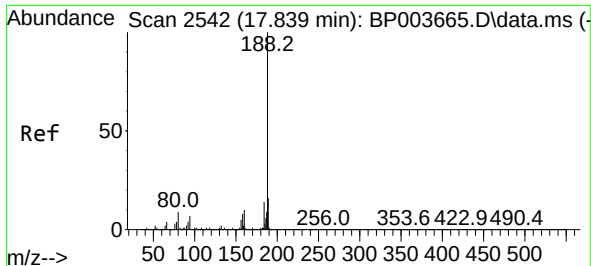
Tgt Ion:163	Resp:	194819
Ion Ratio	Lower	Upper
163	100	
194	4.5	3.3 4.9
164	9.9	8.2 12.2



#54
2,4-Dinitrophenol
Concen: 4.83 ng
RT: 14.963 min Scan# 2053
Delta R.T. -0.229 min
Lab File: BP003707.D
Acq: 23 Oct 2020 04:40

Tgt Ion:184	Resp:	17
Ion Ratio	Lower	Upper
184	100	
63	33.3	32.3 48.5
154	55.6	49.1 73.7

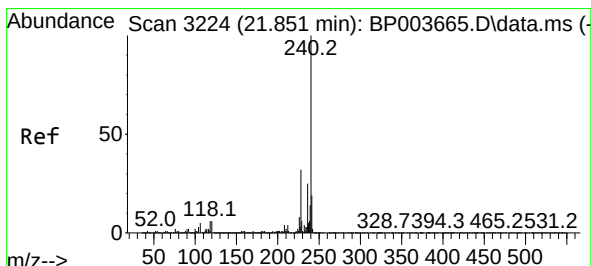
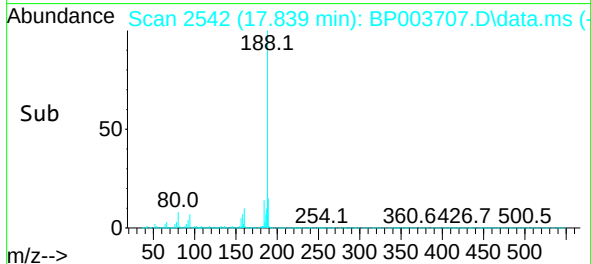
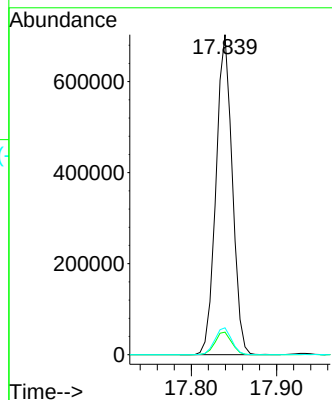
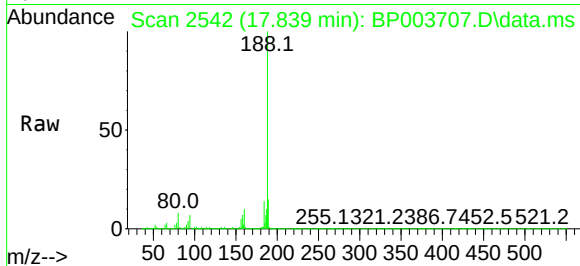




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.839 min Scan# 2542
Delta R.T. 0.000 min
Lab File: BP003707.D
Acq: 23 Oct 2020 04:40

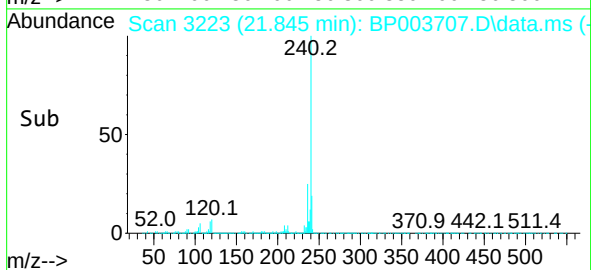
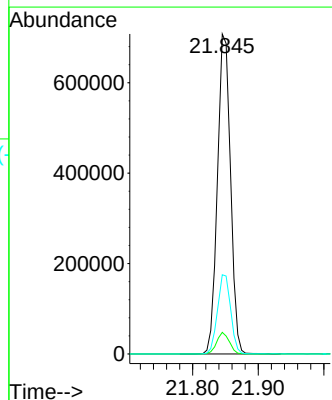
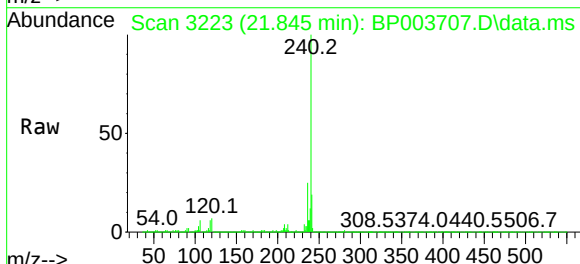
Instrument :
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72-11977

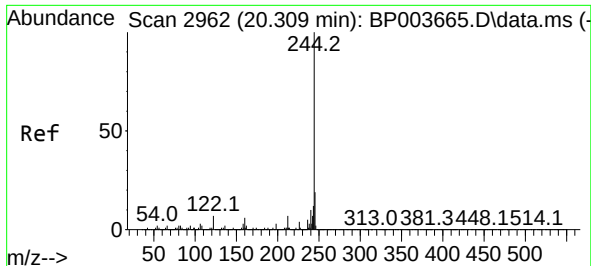
Tgt Ion:188 Resp: 935773
Ion Ratio Lower Upper
188 100
94 7.1 6.2 9.2
80 8.4 6.2 9.2



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.845 min Scan# 3223
Delta R.T. -0.005 min
Lab File: BP003707.D
Acq: 23 Oct 2020 04:40

Tgt Ion:240 Resp: 976853
Ion Ratio Lower Upper
240 100
120 6.7 7.8 11.6#
236 24.8 20.8 31.2

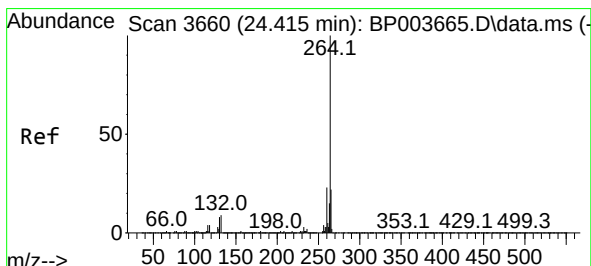
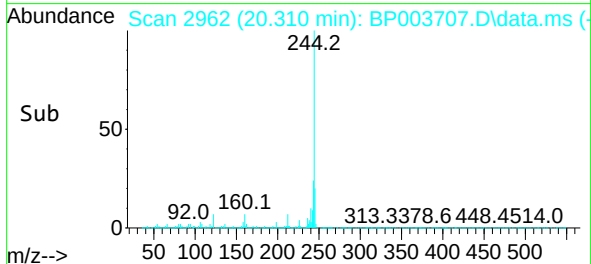
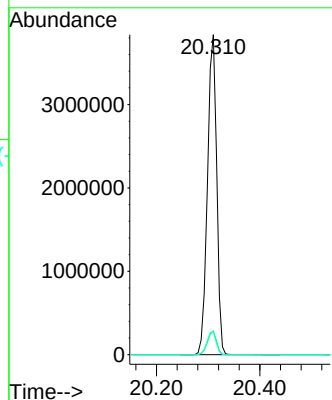
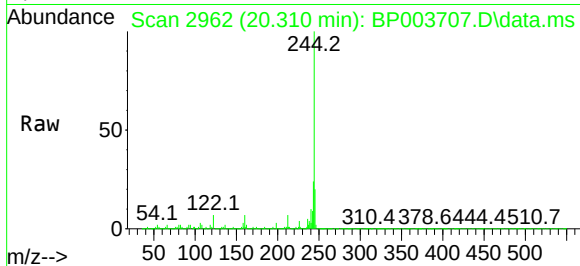




#79
Terphenyl-d14
Concen: 85.45 ng
RT: 20.310 min Scan# 2962
Delta R.T. 0.000 min
Lab File: BP003707.D
Acq: 23 Oct 2020 04:40

Instrument :
BNA_P
ClientSampleId :
72-11977

Tgt Ion:244 Resp: 4745955
Ion Ratio Lower Upper
244 100
212 7.4 5.8 8.6
122 7.2 7.8 11.8#



#86
Perylene-d12
Concen: 20.00 ng
RT: 24.421 min Scan# 3661
Delta R.T. 0.006 min
Lab File: BP003707.D
Acq: 23 Oct 2020 04:40

Tgt Ion:264 Resp: 863770
Ion Ratio Lower Upper
264 100
260 23.3 18.8 28.2
265 21.5 17.4 26.2

