

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102220\
 Data File : BP003715.D
 Acq On : 23 Oct 2020 09:12
 Operator : CG/JU
 Sample : L4484-02
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 72-11998

Quant Time: Oct 23 09:48:34 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)

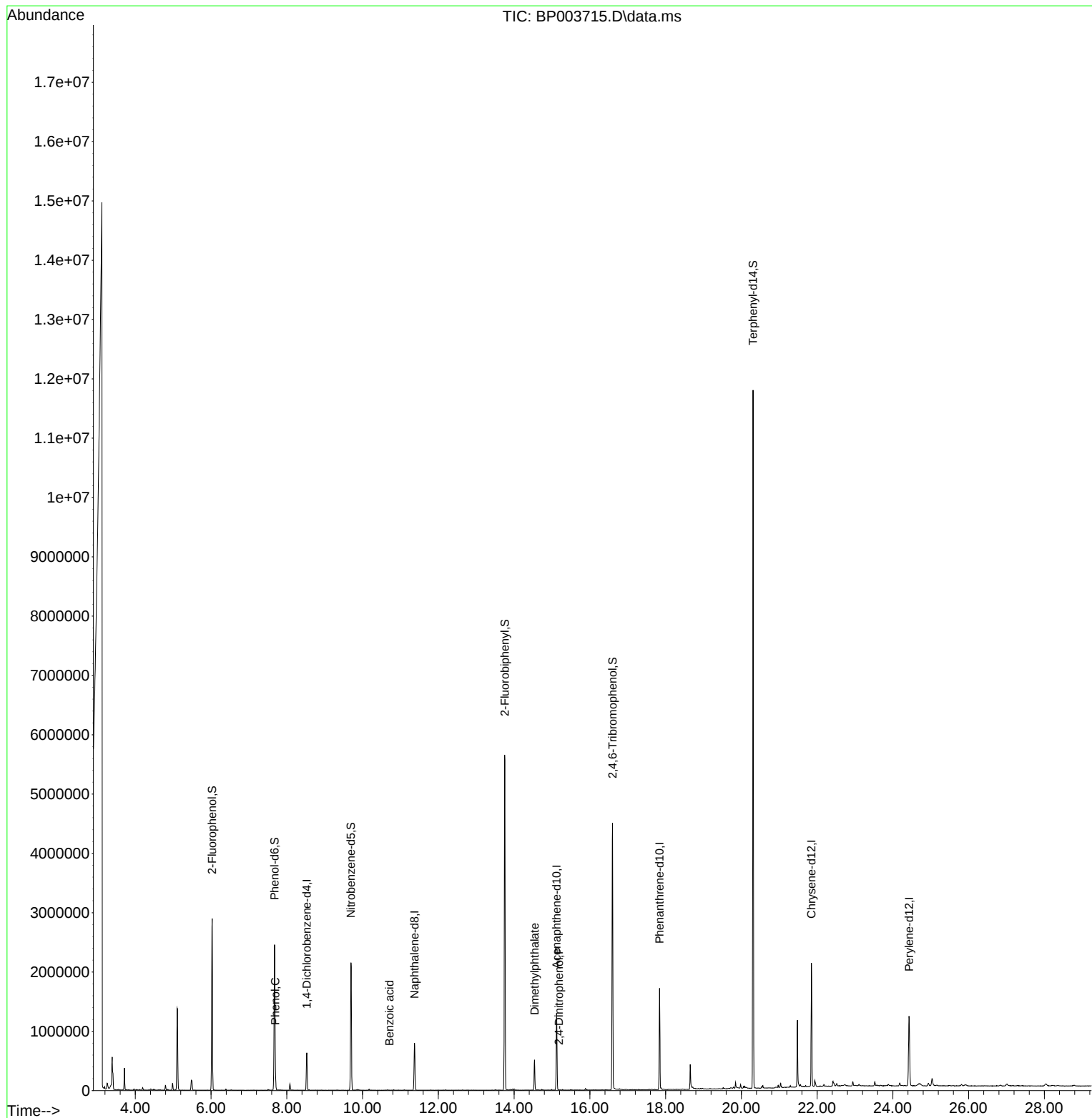
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.528	152	168316	20.00	ng	0.00
21) Naphthalene-d8	11.369	136	631921	20.00	ng	# 0.00
39) Acenaphthene-d10	15.122	164	426741	20.00	ng	0.00
64) Phenanthrene-d10	17.839	188	998333	20.00	ng	0.00
76) Chrysene-d12	21.851	240	1074314	20.00	ng	# 0.00
86) Perylene-d12	24.427	264	983301	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	6.028	112	1225119	121.71	ng	0.00
7) Phenol-d6	7.675	99	1423879	100.12	ng	0.00
23) Nitrobenzene-d5	9.693	82	1270400	85.05	ng	0.00
42) 2,4,6-Tribromophenol	16.598	330	916553	137.67	ng	0.00
45) 2-Fluorobiphenyl	13.757	172	2888456	87.50	ng	0.00
79) Terphenyl-d14	20.310	244	4949909	81.03	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	7.604	77	322	Below Cal	#	37
10) Phenol	7.699	94	86493	6.39	ng	78
32) Benzoic acid	10.710	122	247	5.08	ng	97
50) Dimethylphthalate	14.539	163	311207	8.88	ng	99
54) 2,4-Dinitrophenol	15.186	184	13	4.83	ng	# 1

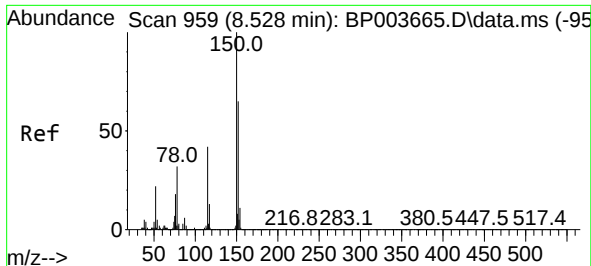
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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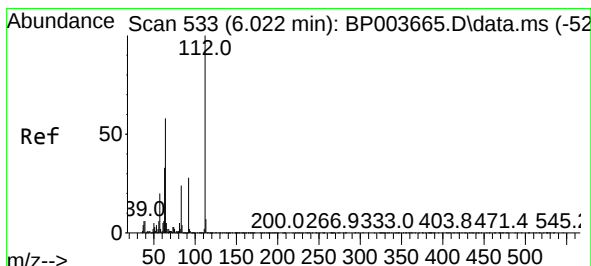
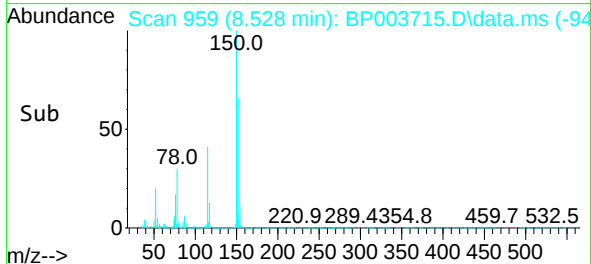
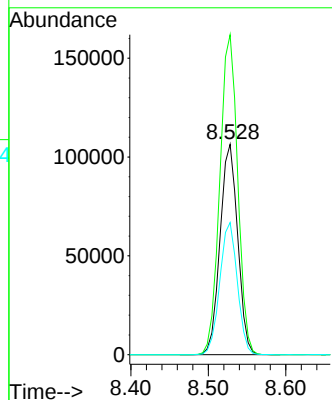
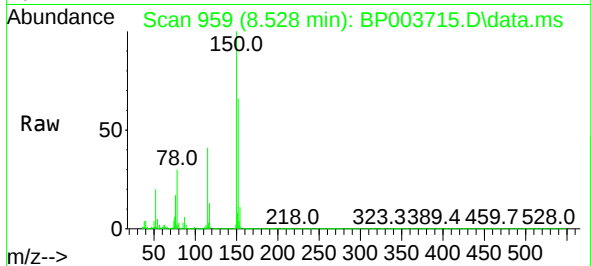




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.528 min Scan# 959
Delta R.T. -0.000 min
Lab File: BP003715.D
Acq: 23 Oct 2020 09:12

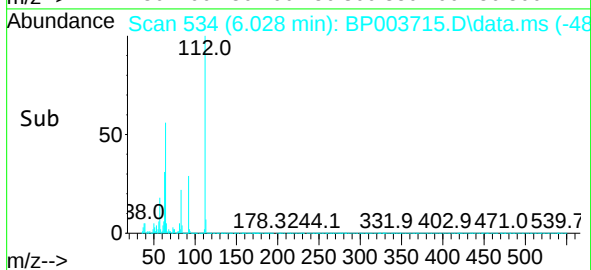
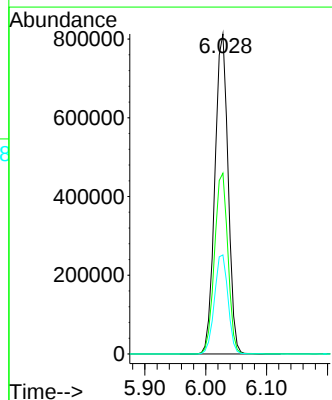
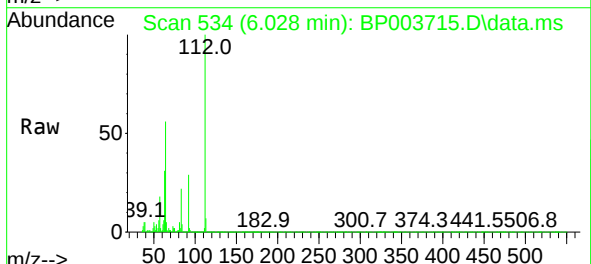
Instrument :
BNA_P
ClientSampleId :
72-11998

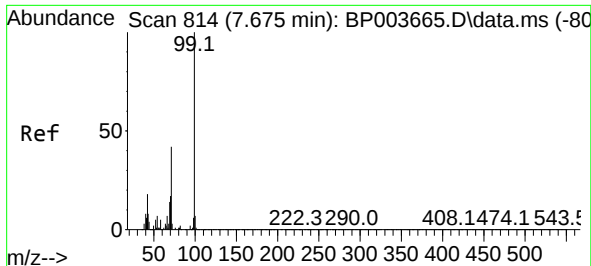
Tgt Ion:152 Resp: 168316
Ion Ratio Lower Upper
152 100
150 152.1 123.8 185.6
115 62.8 43.8 65.6



#5
2-Fluorophenol
Concen: 121.71 ng
RT: 6.028 min Scan# 534
Delta R.T. 0.006 min
Lab File: BP003715.D
Acq: 23 Oct 2020 09:12

Tgt Ion:112 Resp: 1225119
Ion Ratio Lower Upper
112 100
64 56.5 32.8 49.2#
63 30.9 17.0 25.4#

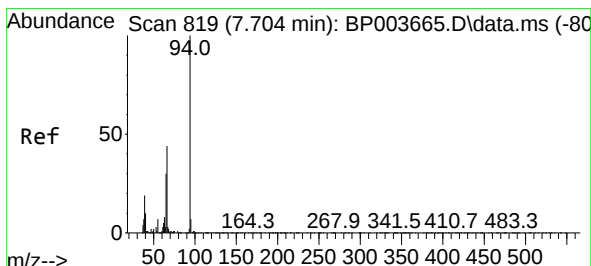
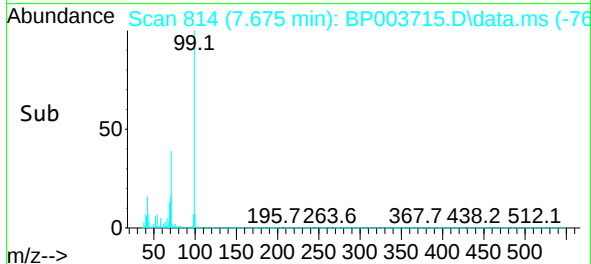
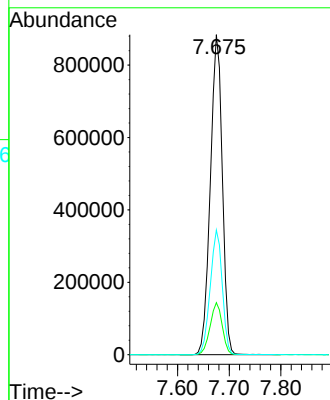
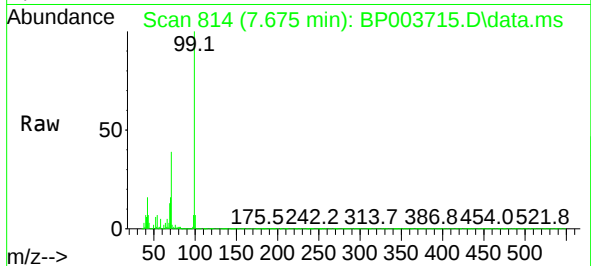




#7
Phenol-d6
Concen: 100.12 ng
RT: 7.675 min Scan# 814
Delta R.T. 0.000 min
Lab File: BP003715.D
Acq: 23 Oct 2020 09:12

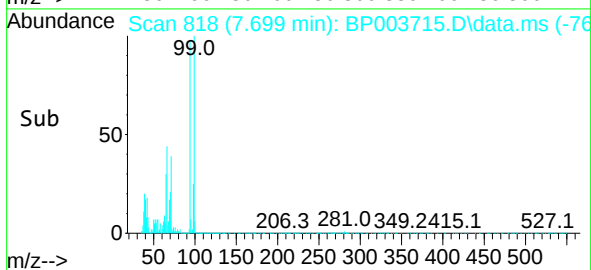
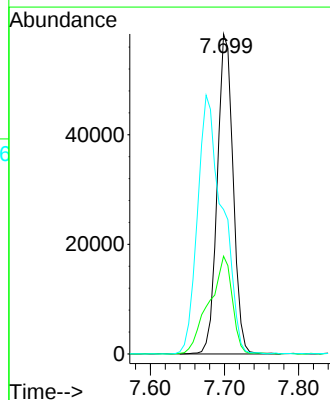
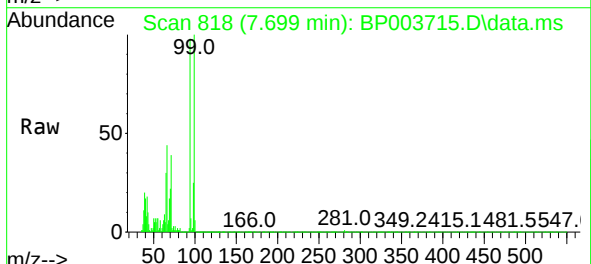
Instrument :
BNA_P
ClientSampleId :
72-11998

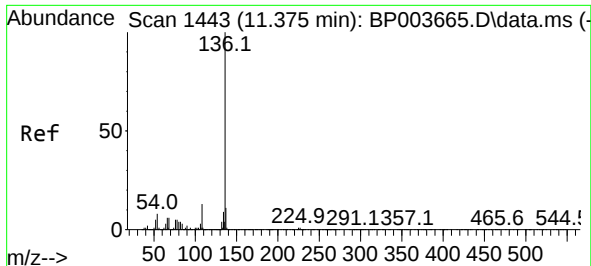
Tgt Ion: 99 Resp: 1423879
Ion Ratio Lower Upper
99 100
42 16.2 8.6 13.0#
71 38.9 23.4 35.2#



#10
Phenol
Concen: 6.39 ng
RT: 7.699 min Scan# 818
Delta R.T. -0.006 min
Lab File: BP003715.D
Acq: 23 Oct 2020 09:12

Tgt Ion: 94 Resp: 86493
Ion Ratio Lower Upper
94 100
65 30.6 2.3 42.3
66 45.1 10.9 50.9

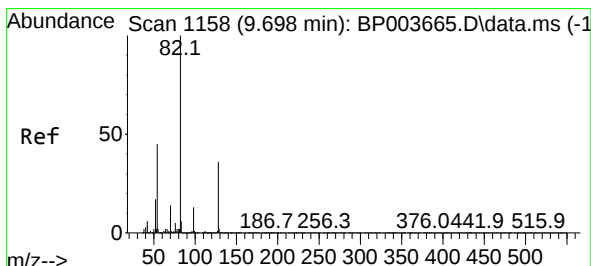
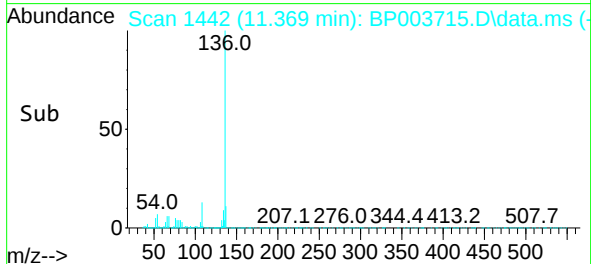
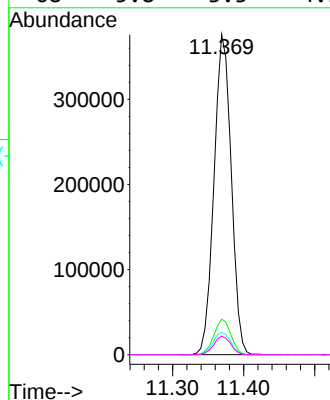
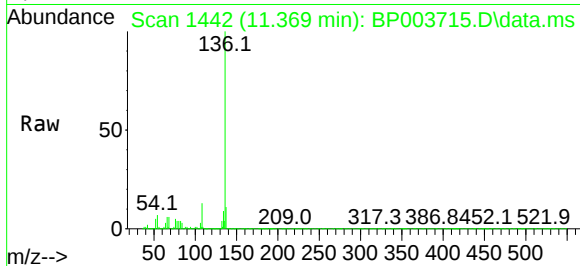




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.369 min Scan# 1442
Delta R.T. -0.006 min
Lab File: BP003715.D
Acq: 23 Oct 2020 09:12

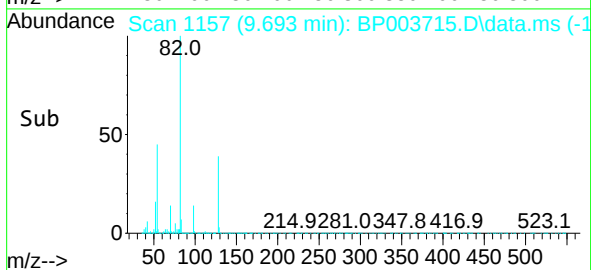
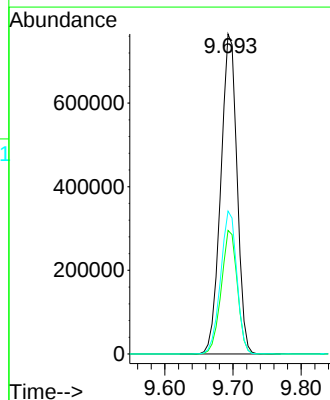
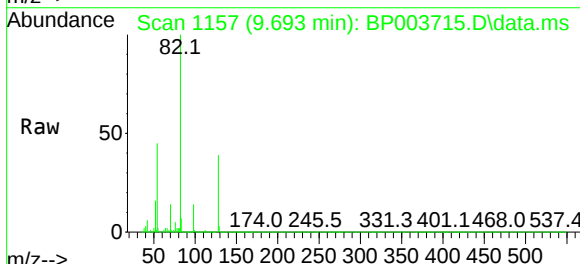
Instrument :
BNA_P
ClientSampleId :
72-11998

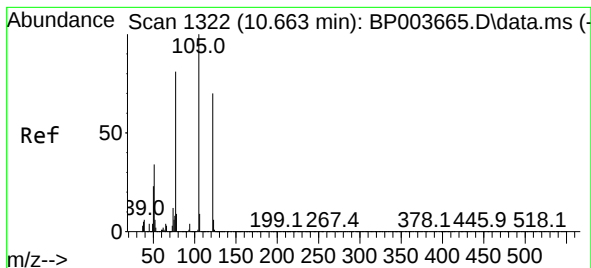
Tgt Ion:	136	Resp:	631921
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.6	13.0
54	7.0	3.6	5.4#
68	5.8	3.3	4.9#



#23
Nitrobenzene-d5
Concen: 85.05 ng
RT: 9.693 min Scan# 1157
Delta R.T. -0.006 min
Lab File: BP003715.D
Acq: 23 Oct 2020 09:12

Tgt Ion:	82	Resp:	1270400
Ion	Ratio	Lower	Upper
82	100		
128	38.6	45.6	68.4#
54	44.6	30.1	45.1

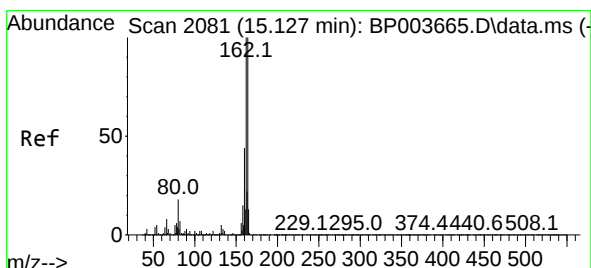
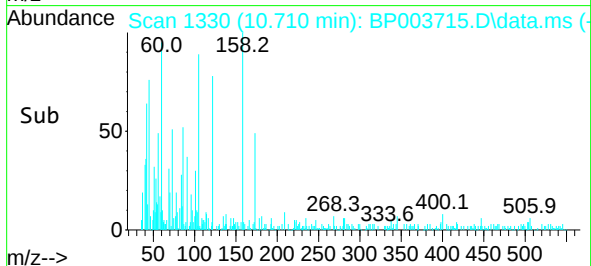
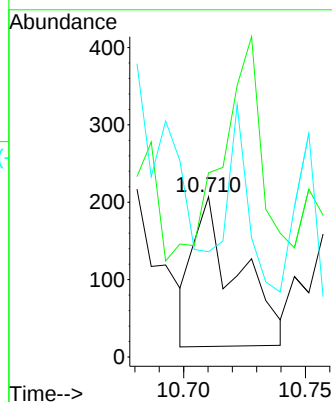
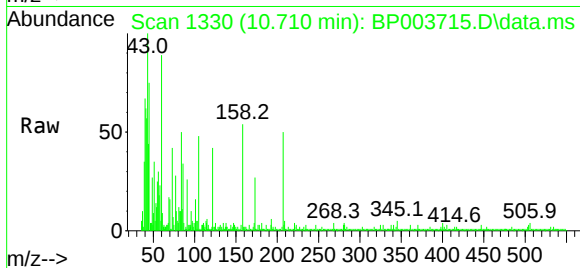




#32
Benzoic acid
Concen: 5.08 ng
RT: 10.710 min Scan# 1330
Delta R.T. 0.047 min
Lab File: BP003715.D
Acq: 23 Oct 2020 09:12

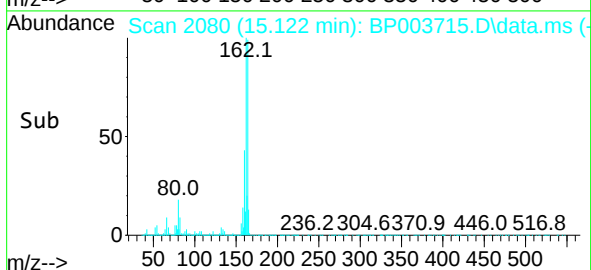
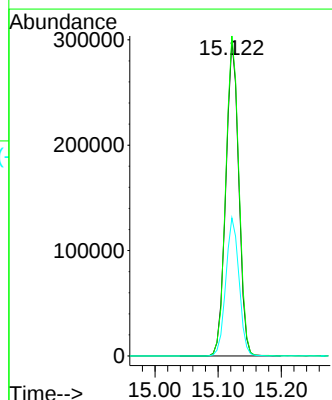
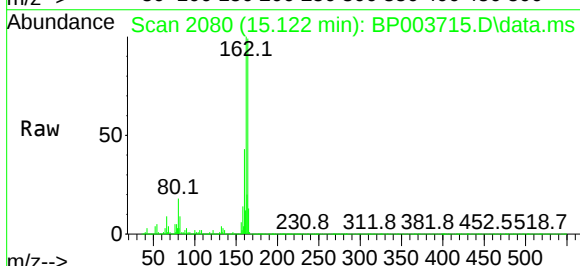
Instrument :
BNA_P
ClientSampleId :
72-11998

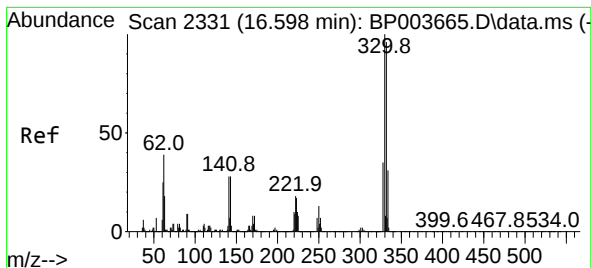
Tgt Ion:	122	Resp:	247
Ion	Ratio	Lower	Upper
122	100		
105	115.0	94.1	134.1
77	65.7	50.1	90.1



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 15.122 min Scan# 2080
Delta R.T. -0.005 min
Lab File: BP003715.D
Acq: 23 Oct 2020 09:12

Tgt Ion:	164	Resp:	426741
Ion	Ratio	Lower	Upper
164	100		
162	101.3	79.4	119.2
160	43.7	36.1	54.1

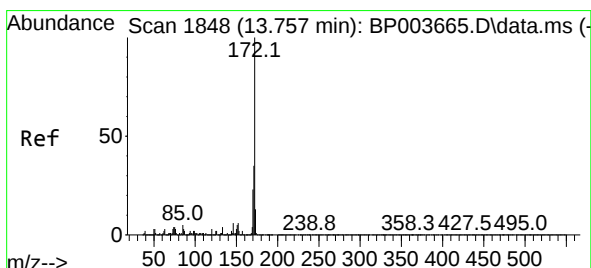
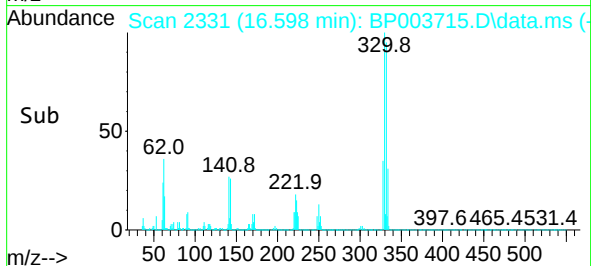
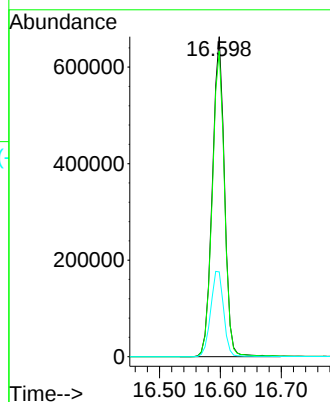
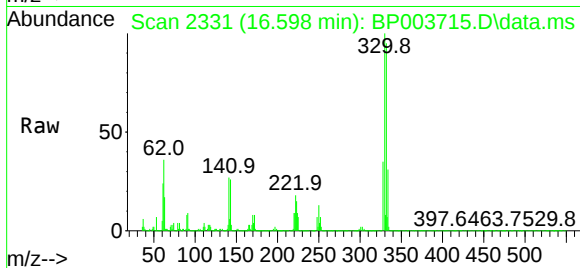




#42
2,4,6-Tribromophenol
Concen: 137.67 ng
RT: 16.598 min Scan# 2331
Delta R.T. 0.000 min
Lab File: BP003715.D
Acq: 23 Oct 2020 09:12

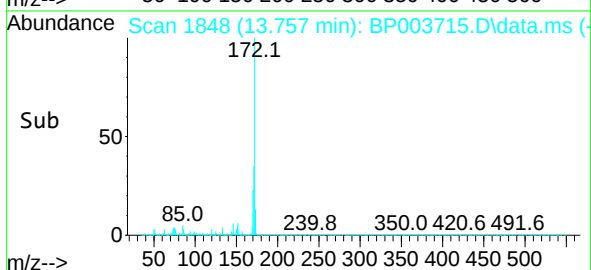
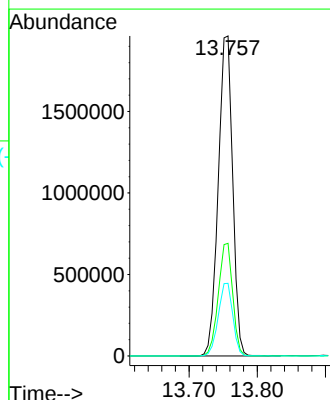
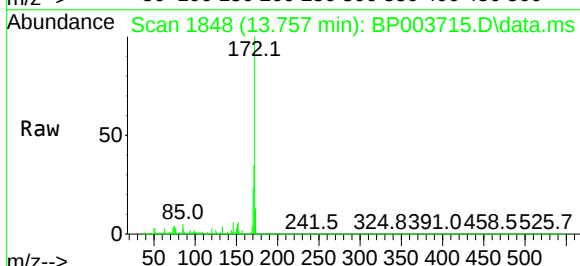
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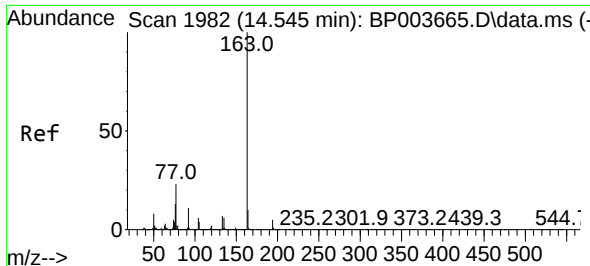
Tgt Ion:330 Resp: 916553
Ion Ratio Lower Upper
330 100
332 96.1 77.1 115.7
141 28.7 23.4 35.2



#45
2-Fluorobiphenyl
Concen: 87.50 ng
RT: 13.757 min Scan# 1848
Delta R.T. 0.000 min
Lab File: BP003715.D
Acq: 23 Oct 2020 09:12

Tgt Ion:172 Resp: 2888456
Ion Ratio Lower Upper
172 100
171 35.2 28.5 42.7
170 22.7 19.2 28.8

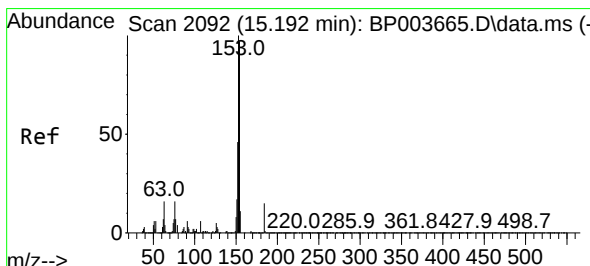
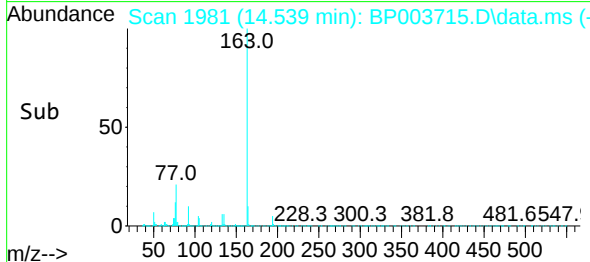
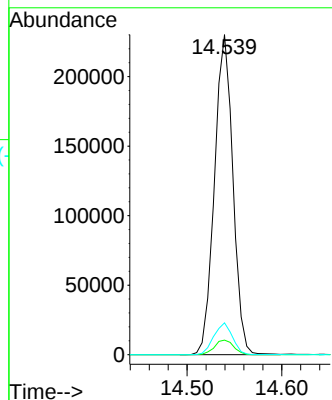
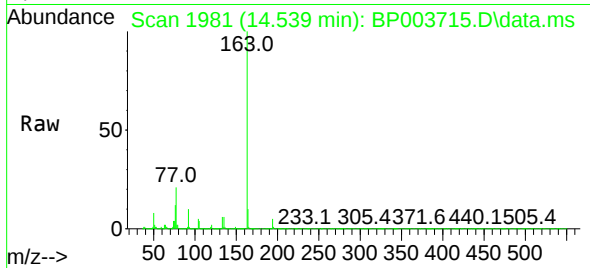




#50
Dimethylphthalate
Concen: 8.88 ng
RT: 14.539 min Scan# 1981
Delta R.T. -0.006 min
Lab File: BP003715.D
Acq: 23 Oct 2020 09:12

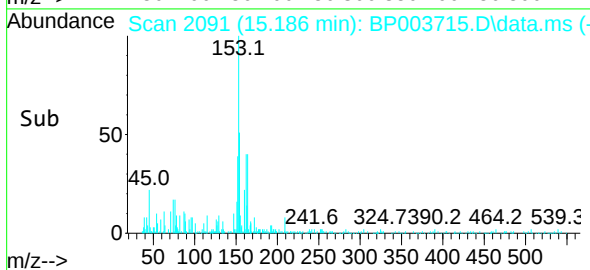
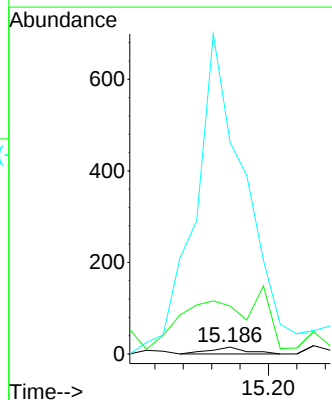
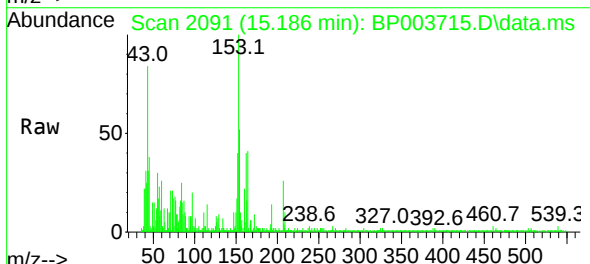
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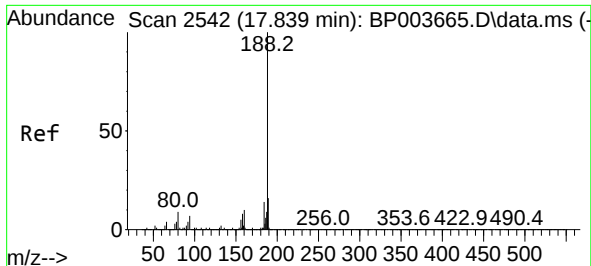
Tgt Ion:163 Resp: 311207
Ion Ratio Lower Upper
163 100
194 4.5 3.3 4.9
164 10.0 8.2 12.2



#54
2,4-Dinitrophenol
Concen: 4.83 ng
RT: 15.186 min Scan# 2091
Delta R.T. -0.006 min
Lab File: BP003715.D
Acq: 23 Oct 2020 09:12

Tgt Ion:184 Resp: 13
Ion Ratio Lower Upper
184 100
63 700.0 32.3 48.5#
154 3080.0 49.1 73.7#

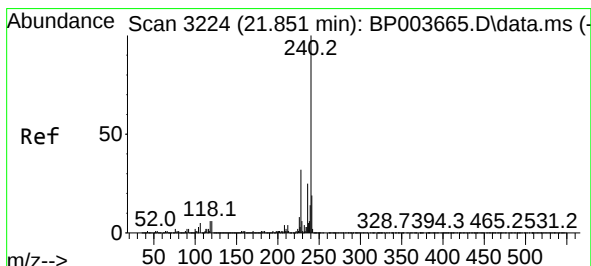
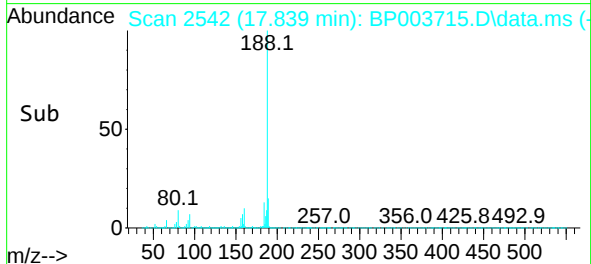
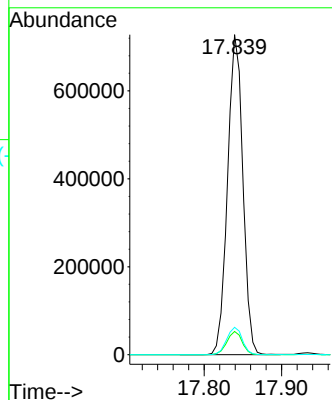
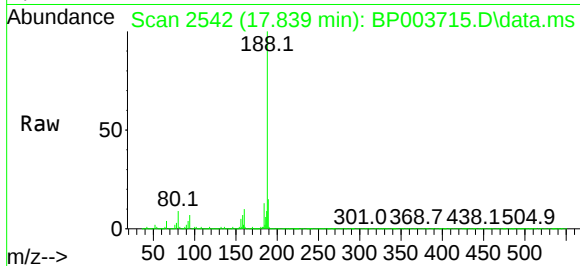




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.839 min Scan# 2542
Delta R.T. 0.000 min
Lab File: BP003715.D
Acq: 23 Oct 2020 09:12

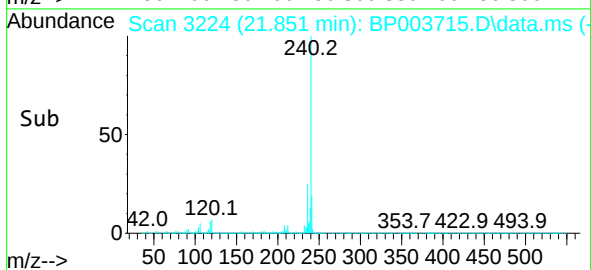
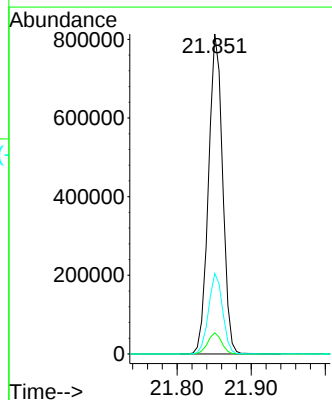
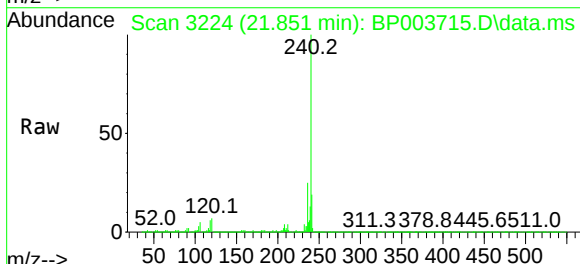
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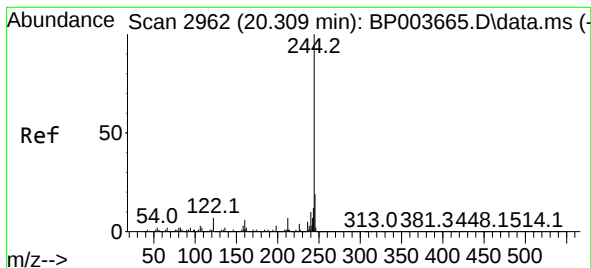
Tgt Ion:188	Resp: 998333
Ion Ratio	Lower Upper
188 100	
94 7.2	6.2 9.2
80 8.5	6.2 9.2



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.851 min Scan# 3224
Delta R.T. 0.000 min
Lab File: BP003715.D
Acq: 23 Oct 2020 09:12

Tgt Ion:240	Resp: 1074314		
Ion Ratio	Lower	Upper	
240 100			
120 6.6	7.8	11.6#	
236 25.1	20.8	31.2	





#79

Terphenyl-d14

Concen: 81.03 ng

RT: 20.310 min Scan# 2962

Delta R.T. 0.000 min

Lab File: BP003715.D

Acq: 23 Oct 2020 09:12

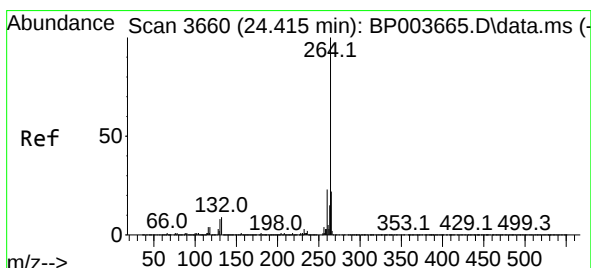
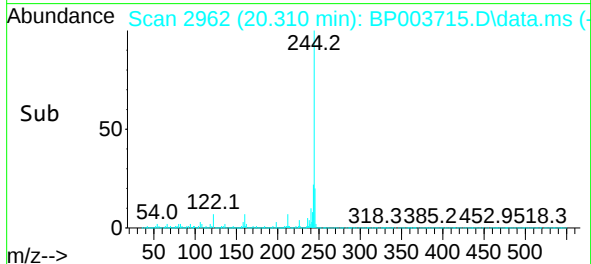
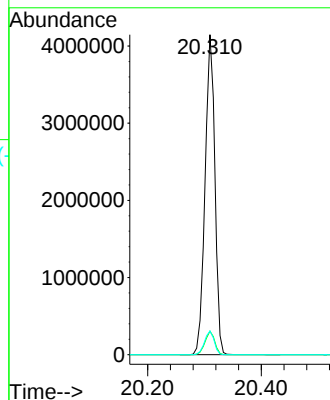
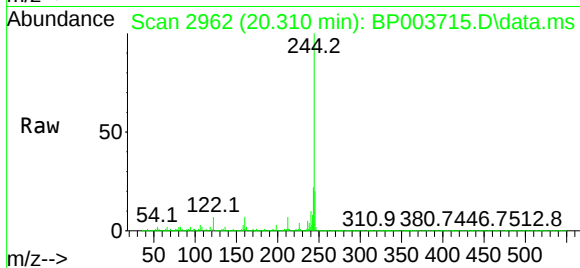
Tgt Ion:244 Resp: 4949909

Ion Ratio Lower Upper

244 100

212 7.3 5.8 8.6

122 7.4 7.8 11.8#



#86

Perylene-d12

Concen: 20.00 ng

RT: 24.427 min Scan# 3662

Delta R.T. 0.012 min

Lab File: BP003715.D

Acq: 23 Oct 2020 09:12

Tgt Ion:264 Resp: 983301

Ion Ratio Lower Upper

264 100

260 23.0 18.8 28.2

265 21.7 17.4 26.2

