

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102220\
 Data File : BP003706.D
 Acq On : 23 Oct 2020 04:06
 Operator : CG/JU
 Sample : PB132551TB
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB132551TB

Quant Time: Oct 23 07:37:16 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)

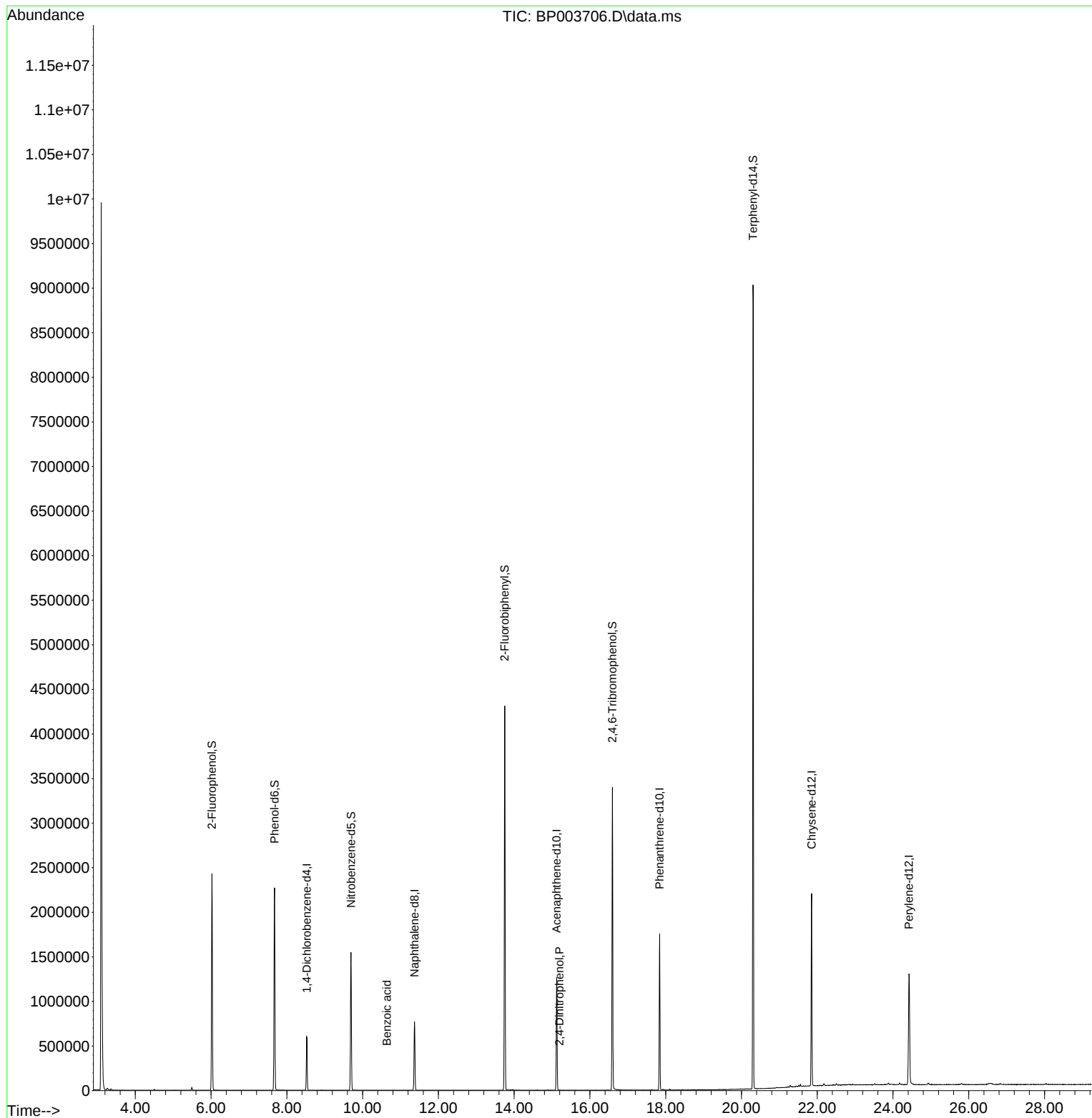
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.528	152	161136	20.00	ng	0.00
21) Naphthalene-d8	11.369	136	600235	20.00	ng	# 0.00
39) Acenaphthene-d10	15.122	164	415249	20.00	ng	0.00
64) Phenanthrene-d10	17.839	188	1009309	20.00	ng	0.00
76) Chrysene-d12	21.851	240	1144911	20.00	ng	# 0.00
86) Perylene-d12	24.421	264	1018918	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.022	112	997285	103.49	ng	0.00
7) Phenol-d6	7.675	99	1299423	95.44	ng	0.00
23) Nitrobenzene-d5	9.693	82	907878	63.99	ng	0.00
42) 2,4,6-Tribromophenol	16.592	330	650278	100.38	ng	0.00
45) 2-Fluorobiphenyl	13.751	172	2087252	64.98	ng	0.00
79) Terphenyl-d14	20.304	244	3995744	61.38	ng	0.00
Target Compounds						
9) Benzaldehyde	7.611	77	72	Below Cal	#	27
32) Benzoic acid	10.640	122	24	5.04 ng	#	46
54) 2,4-Dinitrophenol	15.193	184	18	4.83 ng	#	5

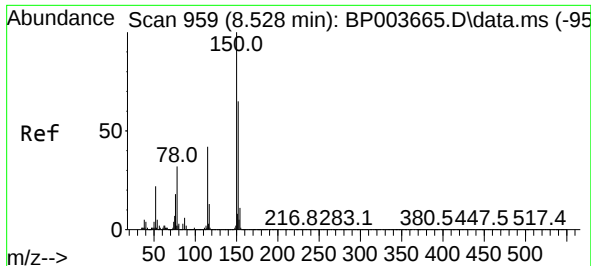
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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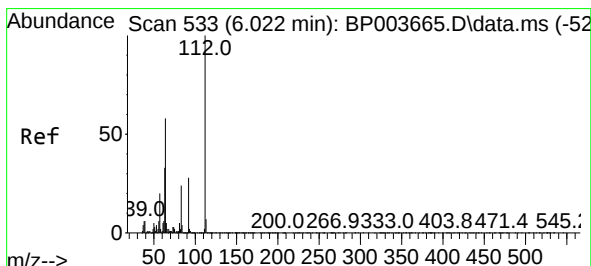
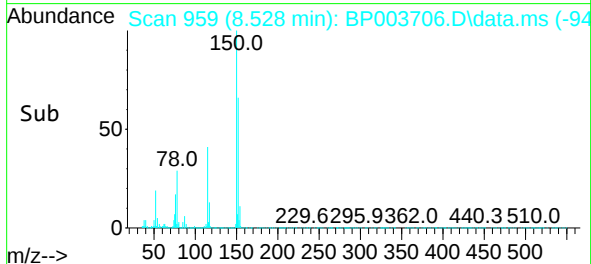
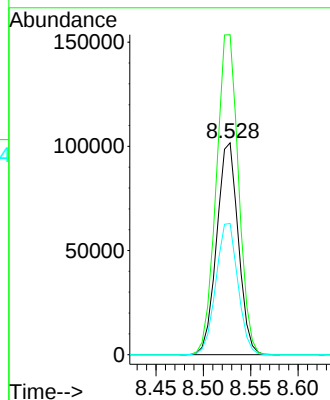
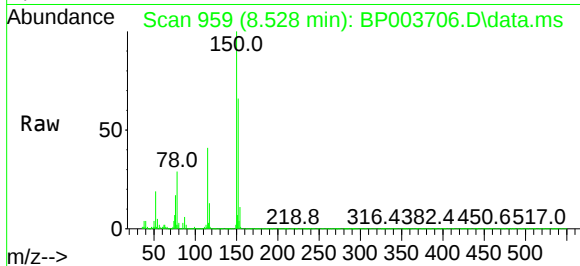




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.528 min Scan# 959
Delta R.T. 0.000 min
Lab File: BP003706.D
Acq: 23 Oct 2020 04:06

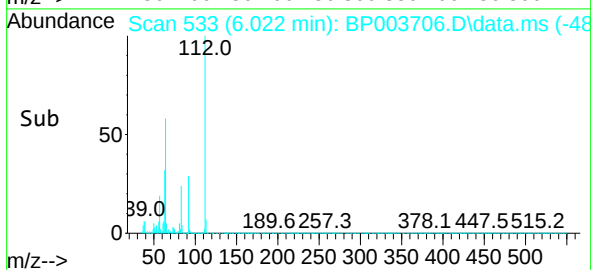
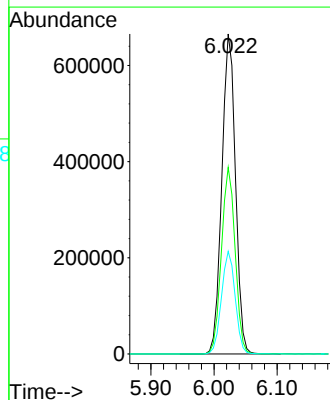
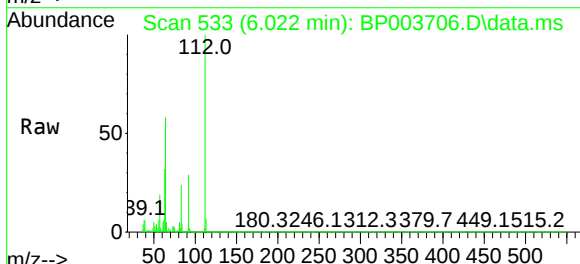
Instrument :
BNA_P
ClientSampleId :
PB132551TB

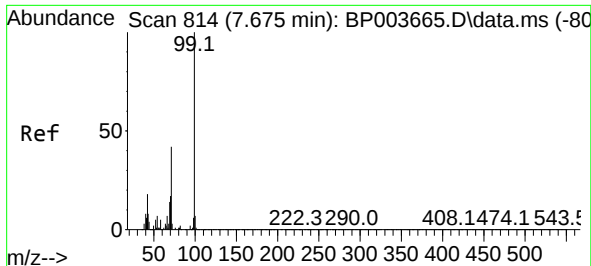
Tgt Ion:152 Resp: 161136
Ion Ratio Lower Upper
152 100
150 151.0 123.8 185.6
115 61.9 43.8 65.6



#5
2-Fluorophenol
Concen: 103.49 ng
RT: 6.022 min Scan# 533
Delta R.T. 0.000 min
Lab File: BP003706.D
Acq: 23 Oct 2020 04:06

Tgt Ion:112 Resp: 997285
Ion Ratio Lower Upper
112 100
64 58.3 32.8 49.2#
63 32.0 17.0 25.4#

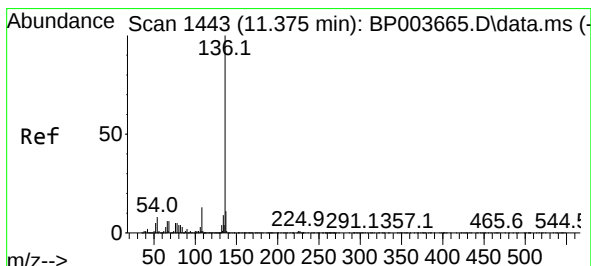
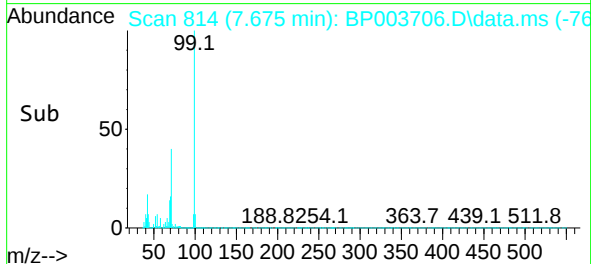
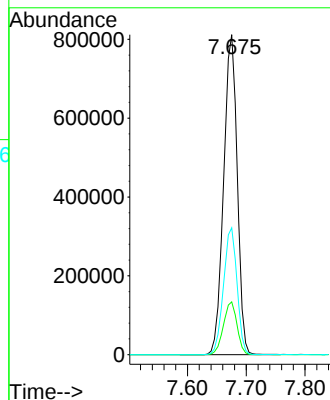
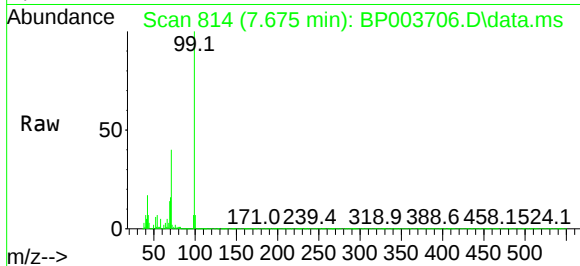




#7
Phenol-d6
Concen: 95.44 ng
RT: 7.675 min Scan# 814
Delta R.T. 0.000 min
Lab File: BP003706.D
Acq: 23 Oct 2020 04:06

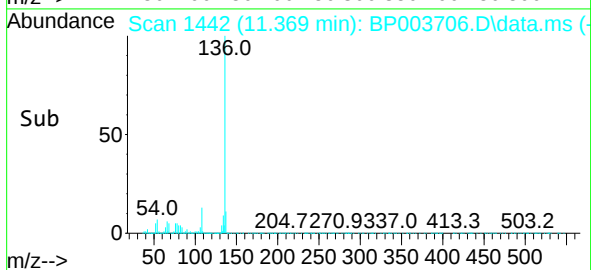
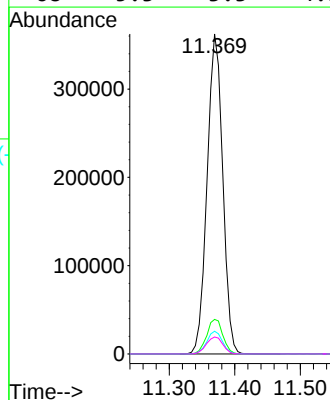
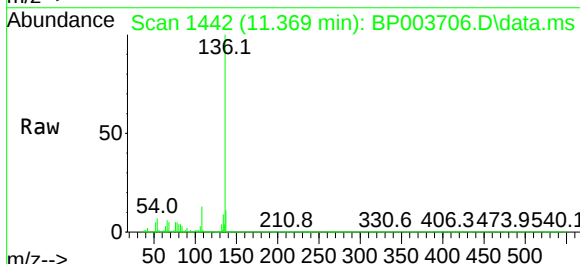
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BNA_P
ClientSampleId :
PB132551TB

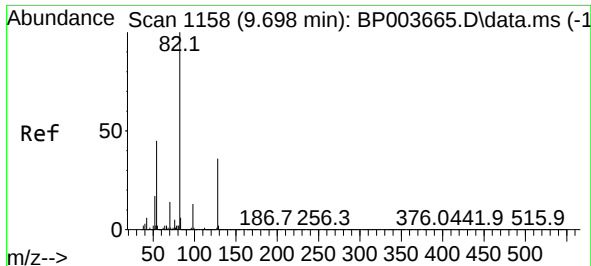
Tgt Ion: 99 Resp: 1299423
Ion Ratio Lower Upper
99 100
42 16.5 8.6 13.0#
71 39.6 23.4 35.2#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.369 min Scan# 1442
Delta R.T. -0.006 min
Lab File: BP003706.D
Acq: 23 Oct 2020 04:06

Tgt Ion: 136 Resp: 600235
Ion Ratio Lower Upper
136 100
137 10.8 8.6 13.0
54 7.1 3.6 5.4#
68 5.3 3.3 4.9#

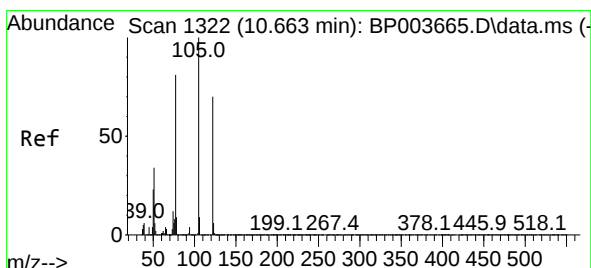
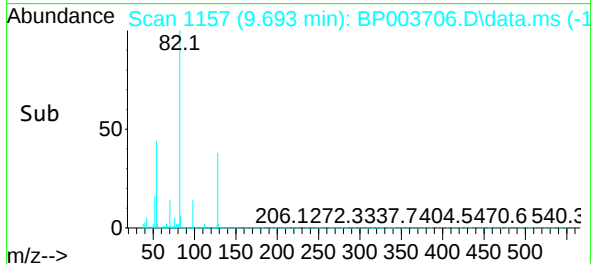
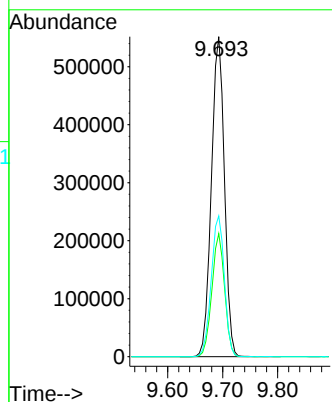
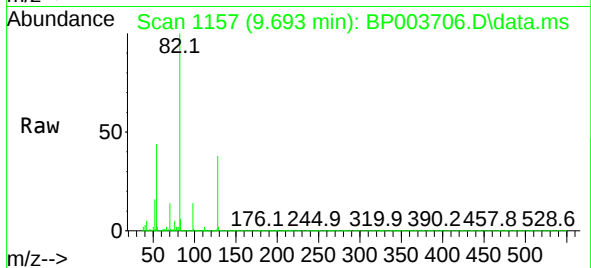




#23
Nitrobenzene-d5
Concen: 63.99 ng
RT: 9.693 min Scan# 1157
Delta R.T. -0.005 min
Lab File: BP003706.D
Acq: 23 Oct 2020 04:06

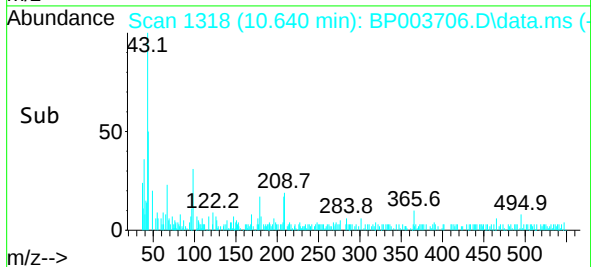
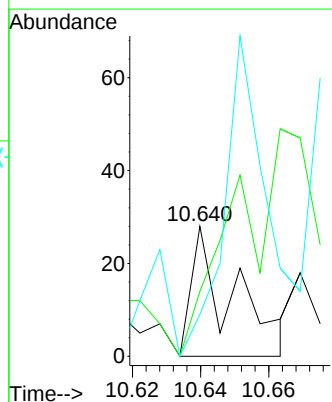
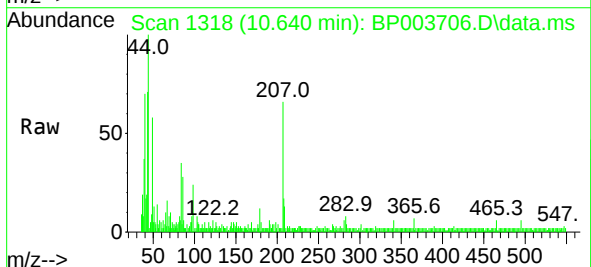
Instrument :
BNA_P
ClientSampleId :
PB132551TB

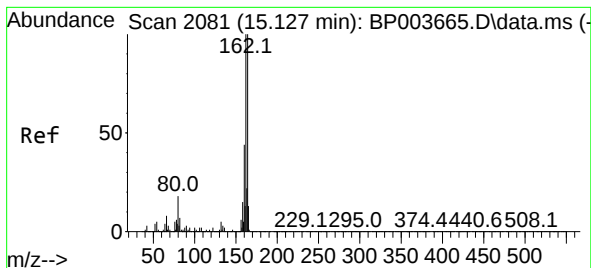
Tgt Ion: 82 Resp: 907878
Ion Ratio Lower Upper
82 100
128 38.5 45.6 68.4#
54 44.0 30.1 45.1



#32
Benzoic acid
Concen: 5.04 ng
RT: 10.640 min Scan# 1318
Delta R.T. -0.023 min
Lab File: BP003706.D
Acq: 23 Oct 2020 04:06

Tgt Ion: 122 Resp: 24
Ion Ratio Lower Upper
122 100
105 50.0 94.1 134.1#
77 32.1 50.1 90.1#

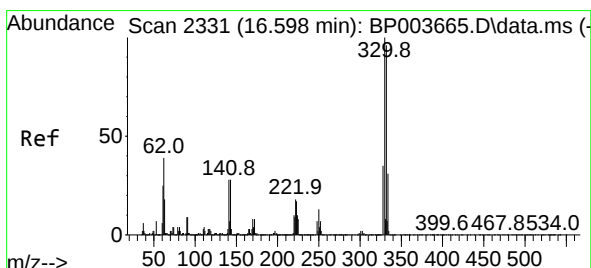
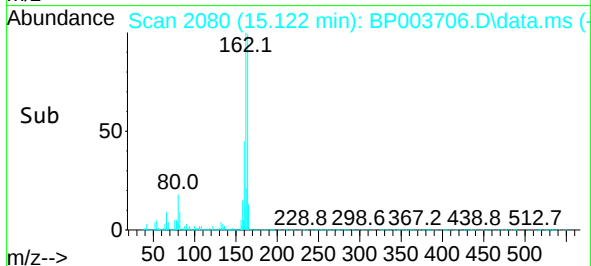
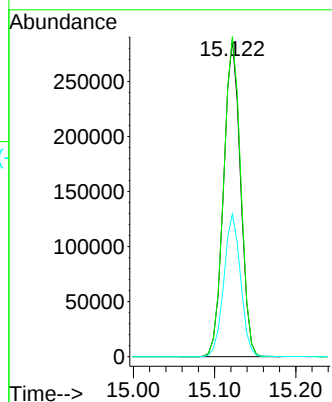
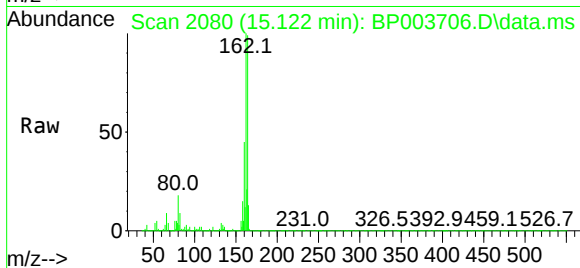




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 15.122 min Scan# 2080
Delta R.T. -0.005 min
Lab File: BP003706.D
Acq: 23 Oct 2020 04:06

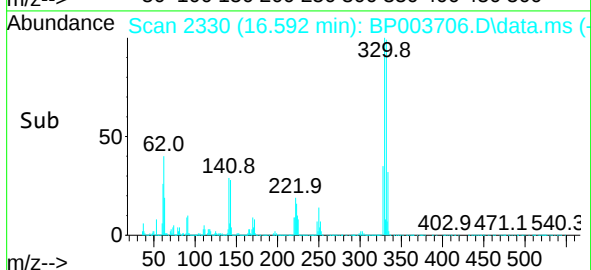
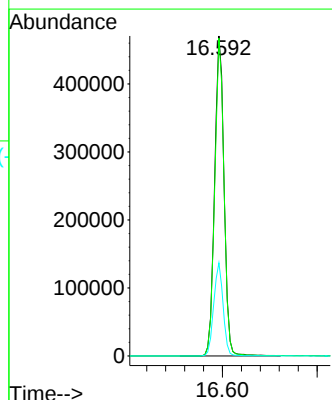
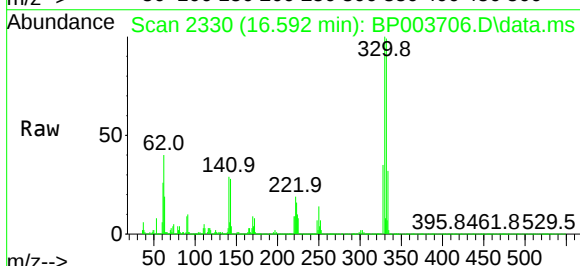
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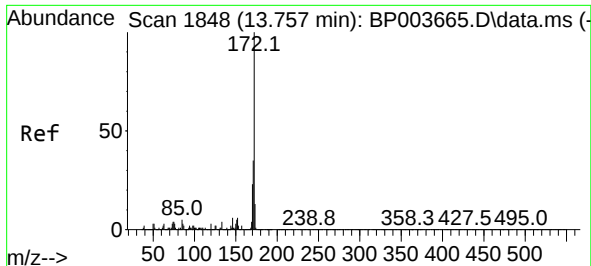
Tgt Ion:164 Resp: 415249
Ion Ratio Lower Upper
164 100
162 101.0 79.4 119.2
160 45.0 36.1 54.1



#42
2,4,6-Tribromophenol
Concen: 100.38 ng
RT: 16.592 min Scan# 2330
Delta R.T. -0.005 min
Lab File: BP003706.D
Acq: 23 Oct 2020 04:06

Tgt Ion:330 Resp: 650278
Ion Ratio Lower Upper
330 100
332 97.6 77.1 115.7
141 28.9 23.4 35.2

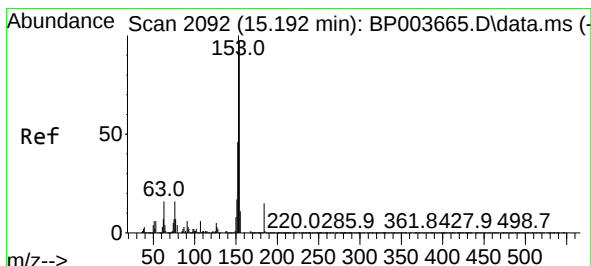
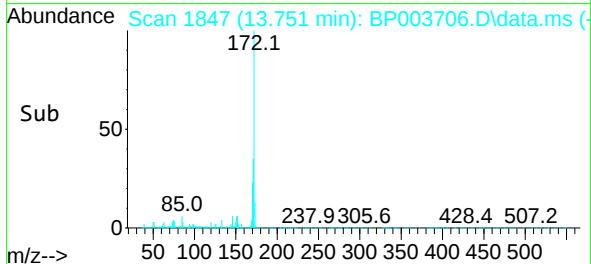
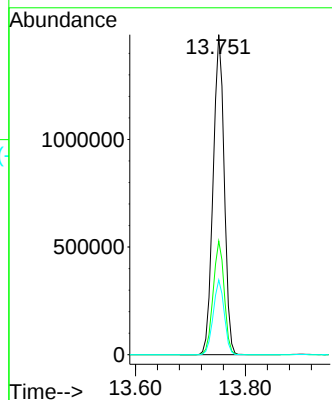
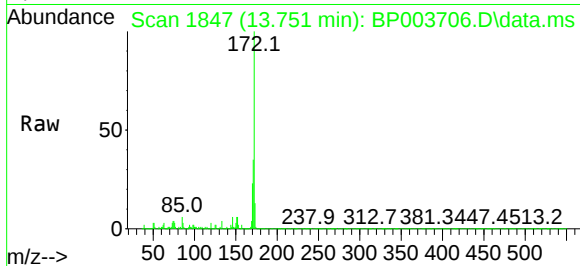




#45
2-Fluorobiphenyl
Concen: 64.98 ng
RT: 13.751 min Scan# 1847
Delta R.T. -0.005 min
Lab File: BP003706.D
Acq: 23 Oct 2020 04:06

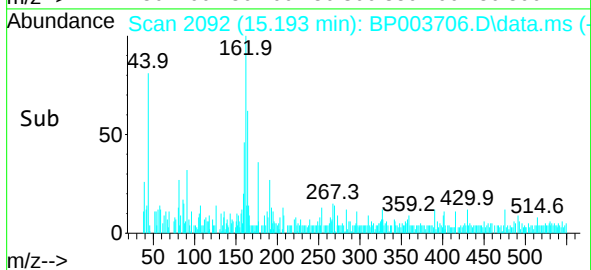
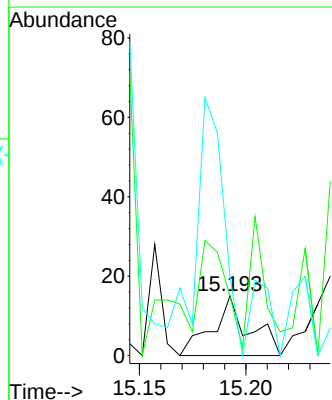
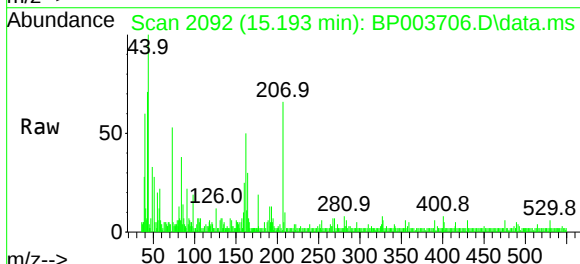
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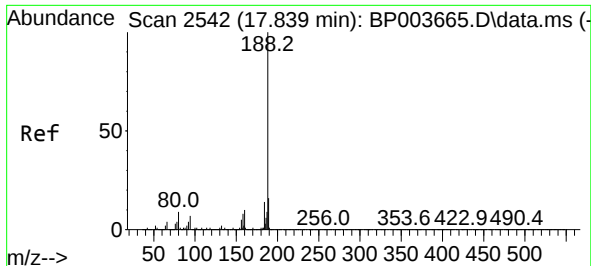
Tgt Ion:172 Resp: 2087252
Ion Ratio Lower Upper
172 100
171 35.5 28.5 42.7
170 23.4 19.2 28.8



#54
2,4-Dinitrophenol
Concen: 4.83 ng
RT: 15.193 min Scan# 2092
Delta R.T. 0.001 min
Lab File: BP003706.D
Acq: 23 Oct 2020 04:06

Tgt Ion:184 Resp: 18
Ion Ratio Lower Upper
184 100
63 100.0 32.3 48.5#
154 133.3 49.1 73.7#

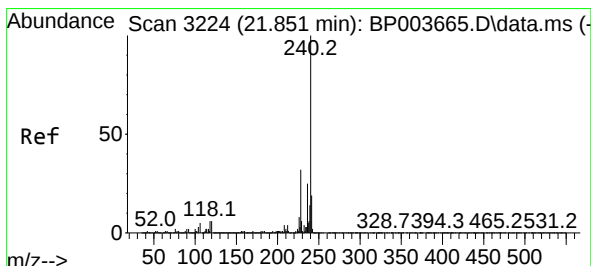
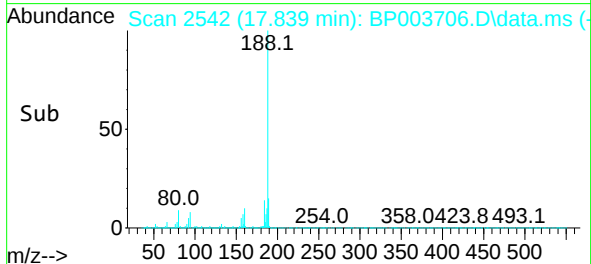
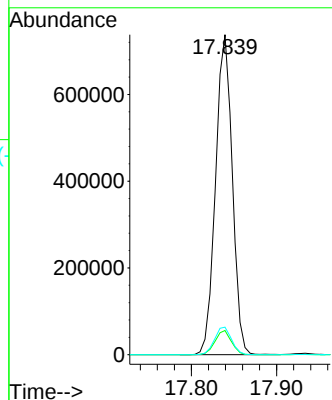
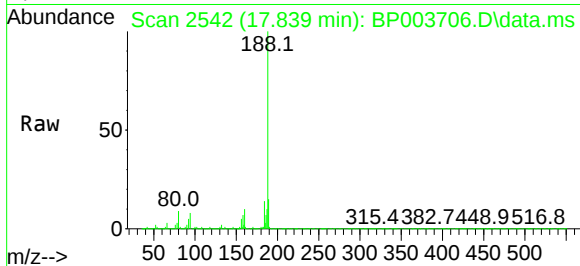




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.839 min Scan# 2542
Delta R.T. 0.000 min
Lab File: BP003706.D
Acq: 23 Oct 2020 04:06

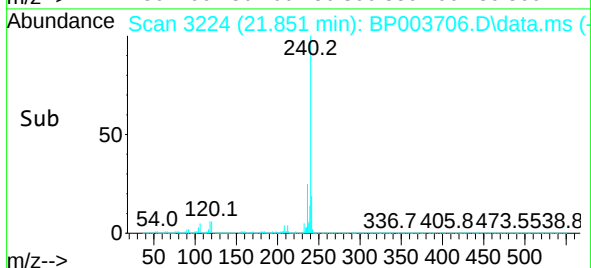
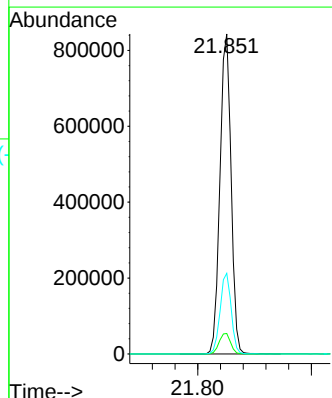
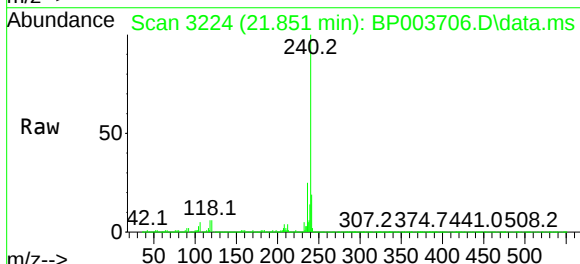
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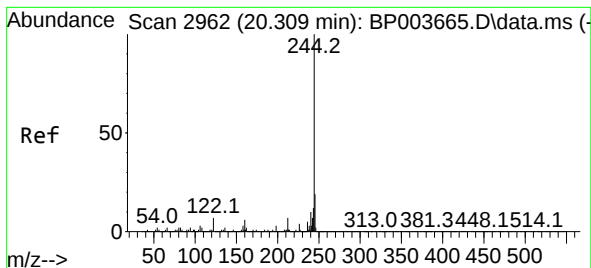
Tgt Ion:188 Resp: 1009309
Ion Ratio Lower Upper
188 100
94 7.5 6.2 9.2
80 8.6 6.2 9.2



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.851 min Scan# 3224
Delta R.T. 0.000 min
Lab File: BP003706.D
Acq: 23 Oct 2020 04:06

Tgt Ion:240 Resp: 1144911
Ion Ratio Lower Upper
240 100
120 6.4 7.8 11.6#
236 25.2 20.8 31.2

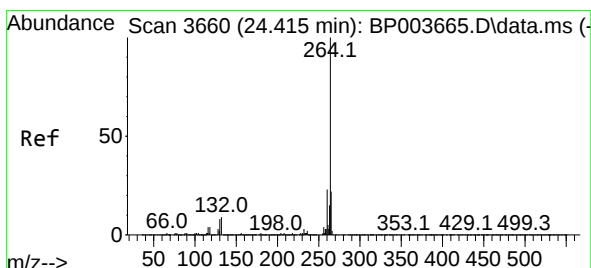
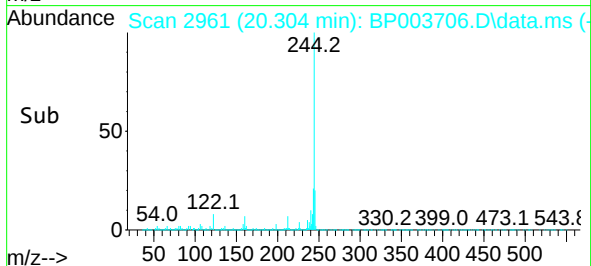
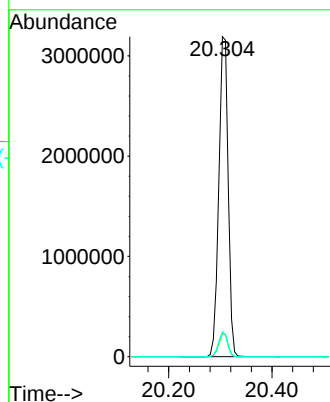
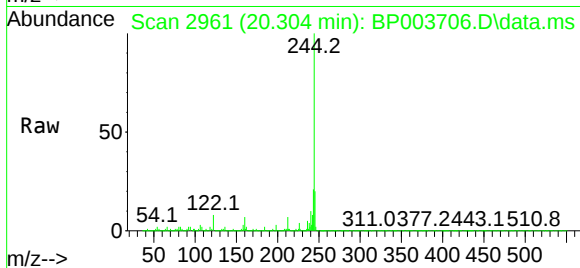




#79
Terphenyl-d14
Concen: 61.38 ng
RT: 20.304 min Scan# 2961
Delta R.T. -0.005 min
Lab File: BP003706.D
Acq: 23 Oct 2020 04:06

Instrument :
BNA_P
ClientSampleId :
PB132551TB

Tgt Ion:244 Resp: 3995744
Ion Ratio Lower Upper
244 100
212 7.2 5.8 8.6
122 7.8 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: BP003706.D
Acq: 23 Oct 2020 04:06

Tgt Ion:264 Resp: 1018918
Ion Ratio Lower Upper
264 100
260 22.7 18.8 28.2
265 21.3 17.4 26.2

