

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102220\
 Data File : BP003704.D
 Acq On : 23 Oct 2020 02:59
 Operator : CG/JU
 Sample : PB132551BL
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB132551BL

Quant Time: Oct 23 04:42:12 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)

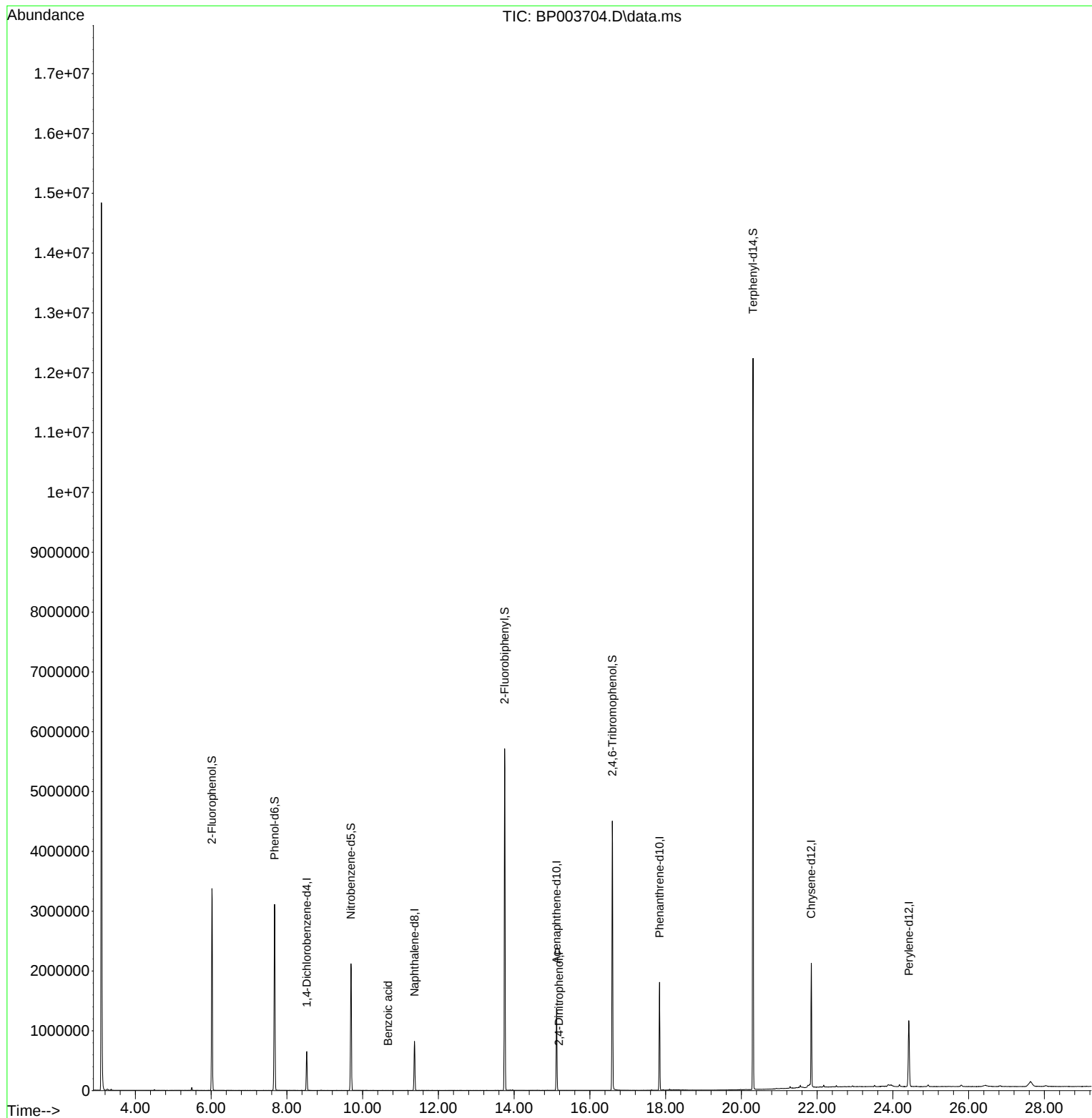
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.528	152	176069	20.00	ng	0.00
21) Naphthalene-d8	11.369	136	652414	20.00	ng	# 0.00
39) Acenaphthene-d10	15.122	164	440040	20.00	ng	0.00
64) Phenanthrene-d10	17.839	188	1040260	20.00	ng	0.00
76) Chrysene-d12	21.845	240	1101403	20.00	ng	# 0.00
86) Perylene-d12	24.421	264	921089	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.022	112	1425054	135.34	ng	0.00
7) Phenol-d6	7.675	99	1845201	124.04	ng	0.00
23) Nitrobenzene-d5	9.692	82	1287797	83.50	ng	0.00
42) 2,4,6-Tribromophenol	16.592	330	896701	130.62	ng	0.00
45) 2-Fluorobiphenyl	13.751	172	2927845	86.02	ng	0.00
79) Terphenyl-d14	20.310	244	5168071	82.53	ng	0.00
Target Compounds						
9) Benzaldehyde	7.675	77	3497	Below Cal	#	1
32) Benzoic acid	10.675	122	27	5.04	ng	# 1
54) 2,4-Dinitrophenol	15.186	184	13	4.83	ng	# 65

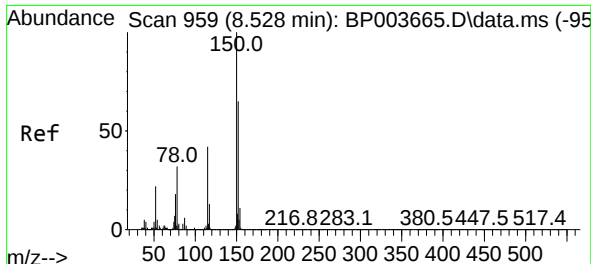
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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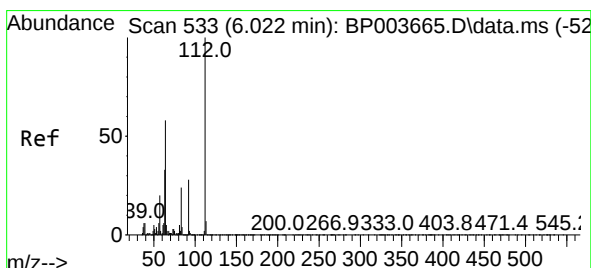
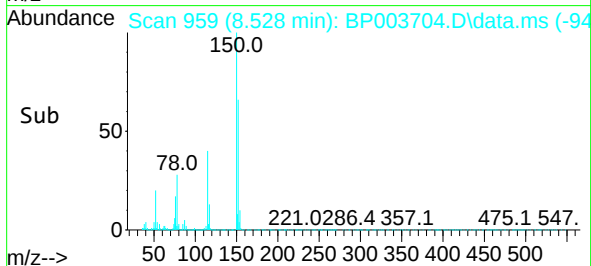
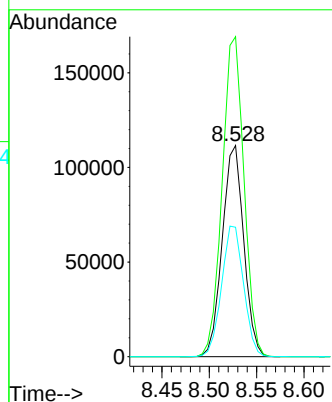
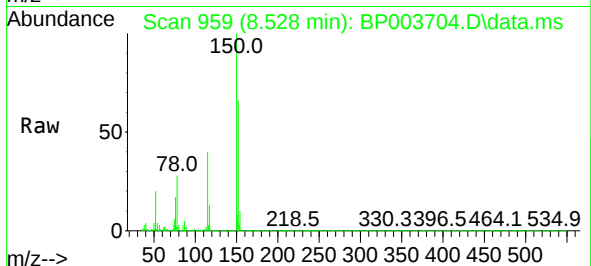




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.528 min Scan# 959
Delta R.T. -0.000 min
Lab File: BP003704.D
Acq: 23 Oct 2020 02:59

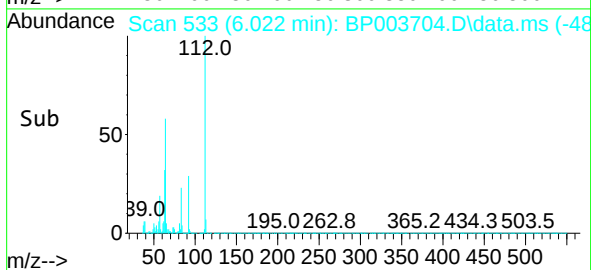
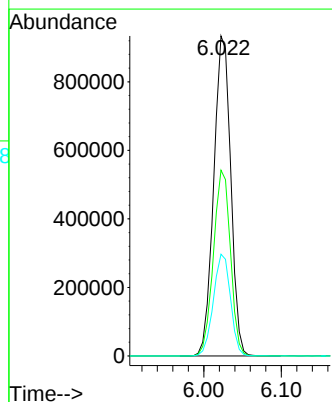
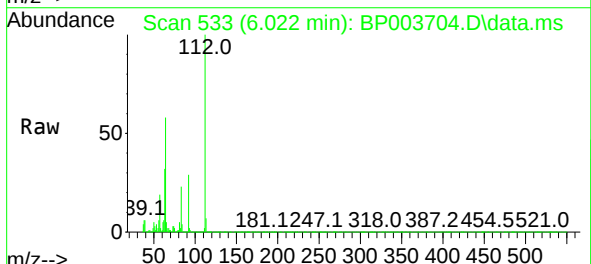
Instrument :
BNA_P
ClientSampleId :
PB132551BL

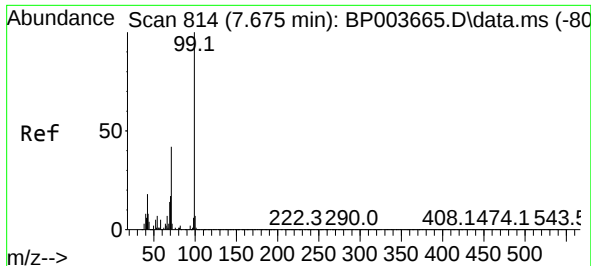
Tgt Ion:152 Resp: 176069
Ion Ratio Lower Upper
152 100
150 151.5 123.8 185.6
115 61.3 43.8 65.6



#5
2-Fluorophenol
Concen: 135.34 ng
RT: 6.022 min Scan# 533
Delta R.T. 0.000 min
Lab File: BP003704.D
Acq: 23 Oct 2020 02:59

Tgt Ion:112 Resp: 1425054
Ion Ratio Lower Upper
112 100
64 58.1 32.8 49.2#
63 31.8 17.0 25.4#

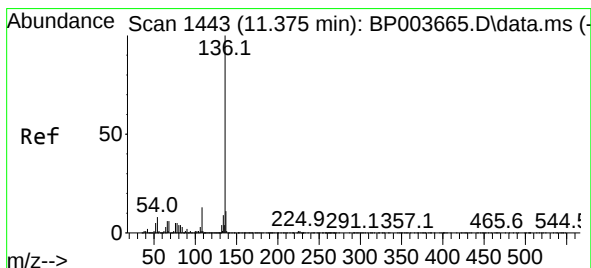
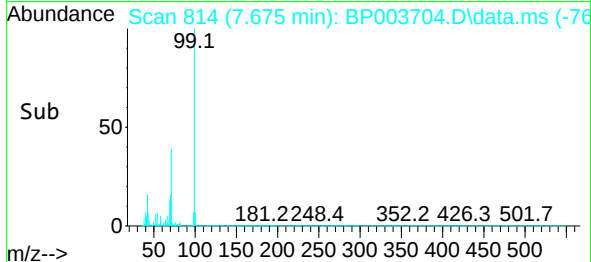
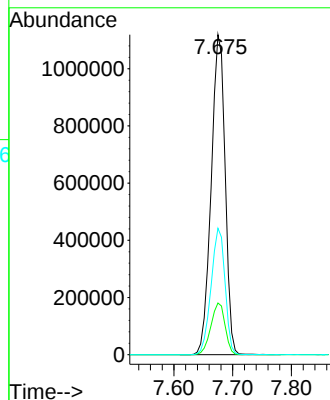
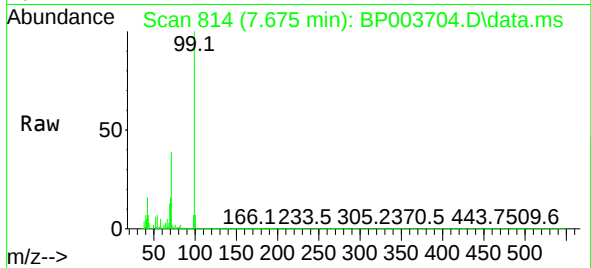




#7
Phenol-d6
Concen: 124.04 ng
RT: 7.675 min Scan# 814
Delta R.T. 0.000 min
Lab File: BP003704.D
Acq: 23 Oct 2020 02:59

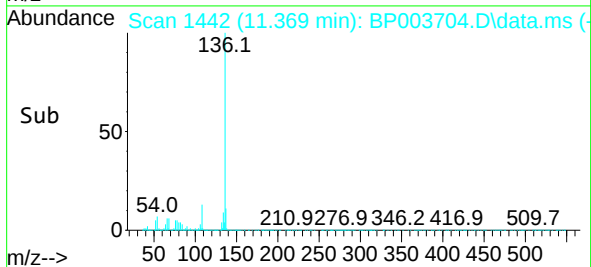
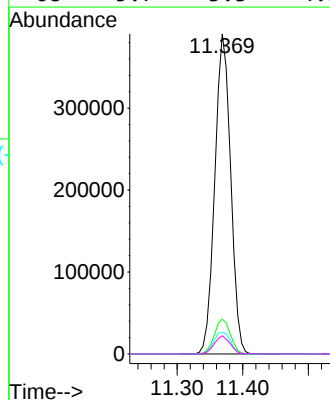
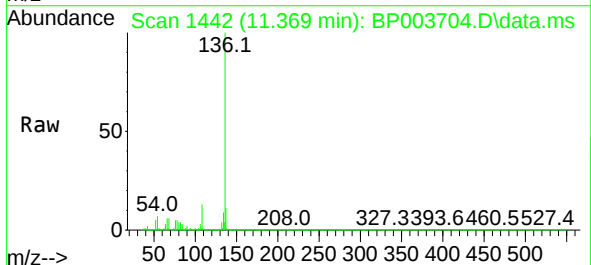
Instrument :
BNA_P
ClientSampleId :
PB132551BL

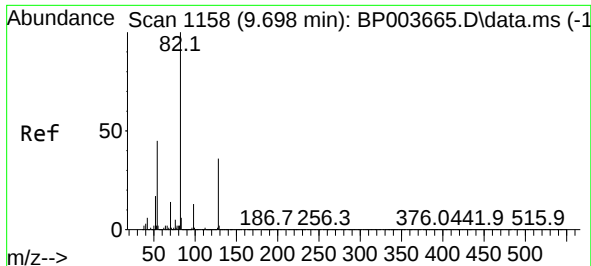
Tgt Ion: 99 Resp: 1845201
Ion Ratio Lower Upper
99 100
42 16.2 8.6 13.0#
71 39.5 23.4 35.2#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.369 min Scan# 1442
Delta R.T. -0.006 min
Lab File: BP003704.D
Acq: 23 Oct 2020 02:59

Tgt Ion: 136 Resp: 652414
Ion Ratio Lower Upper
136 100
137 10.8 8.6 13.0
54 6.7 3.6 5.4#
68 5.7 3.3 4.9#





#23

Nitrobenzene-d5

Concen: 83.50 ng

RT: 9.692 min Scan# 1157

Delta R.T. -0.006 min

Lab File: BP003704.D

Acq: 23 Oct 2020 02:59

Instrument :

BNA_P

ClientSampleId :

PB132551BL

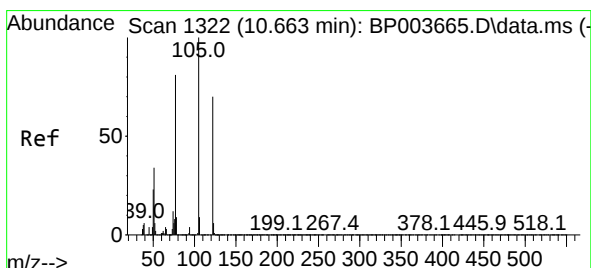
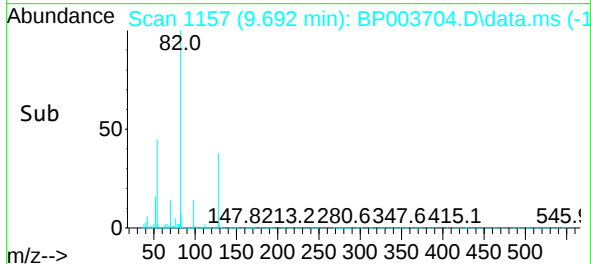
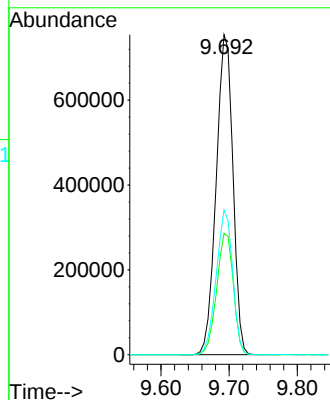
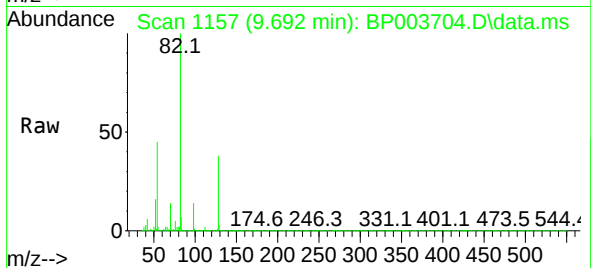
Tgt Ion: 82 Resp: 1287797

Ion Ratio Lower Upper

82 100

128 37.9 45.6 68.4#

54 45.2 30.1 45.1#



#32

Benzoic acid

Concen: 5.04 ng

RT: 10.675 min Scan# 1324

Delta R.T. 0.012 min

Lab File: BP003704.D

Acq: 23 Oct 2020 02:59

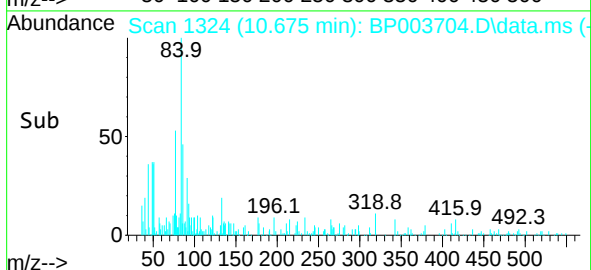
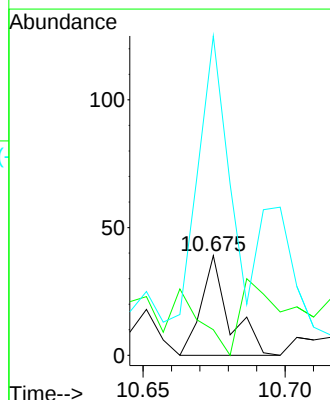
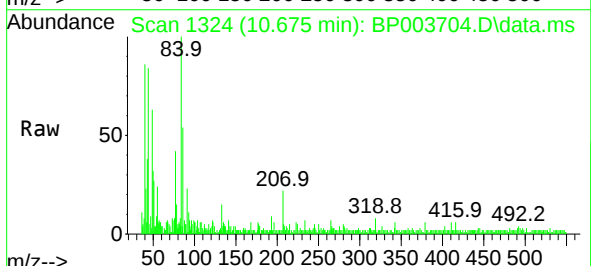
Tgt Ion: 122 Resp: 27

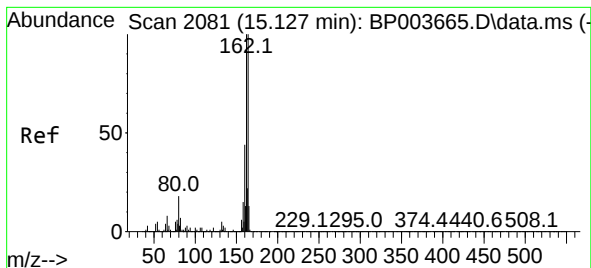
Ion Ratio Lower Upper

122 100

105 25.6 94.1 134.1#

77 320.5 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: BP003704.D

Acq: 23 Oct 2020 02:59

Instrument :

BNA_P

ClientSampleId :

PB132551BL

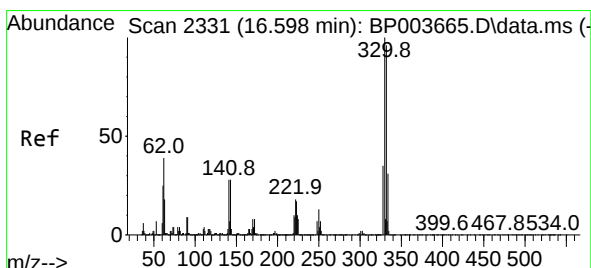
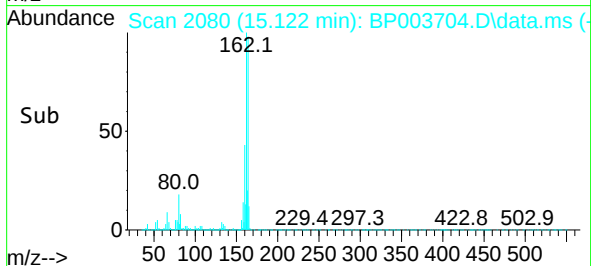
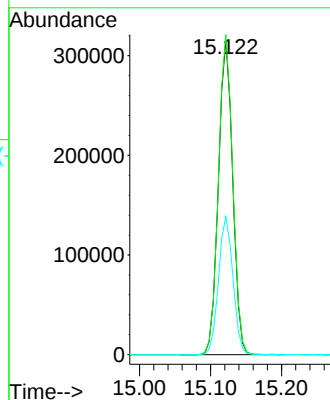
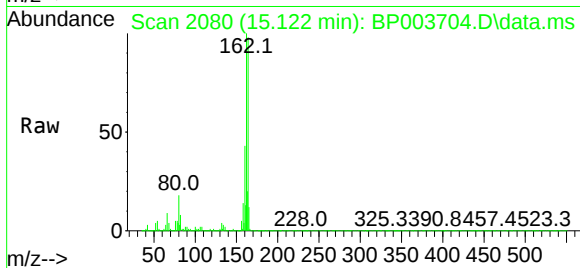
Tgt Ion:164 Resp: 440040

Ion Ratio Lower Upper

164 100

162 101.6 79.4 119.2

160 43.9 36.1 54.1



#42

2,4,6-Tribromophenol

Concen: 130.62 ng

RT: 16.592 min Scan# 2330

Delta R.T. -0.006 min

Lab File: BP003704.D

Acq: 23 Oct 2020 02:59

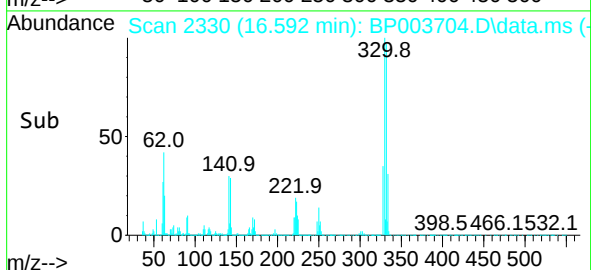
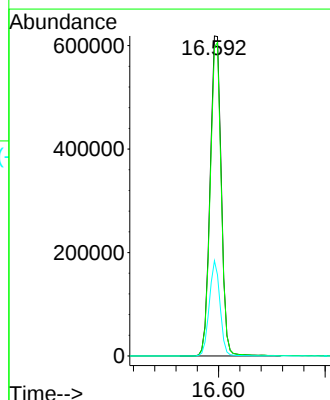
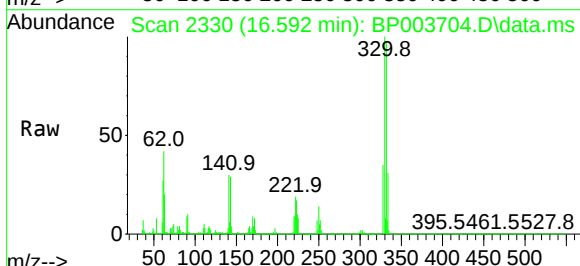
Tgt Ion:330 Resp: 896701

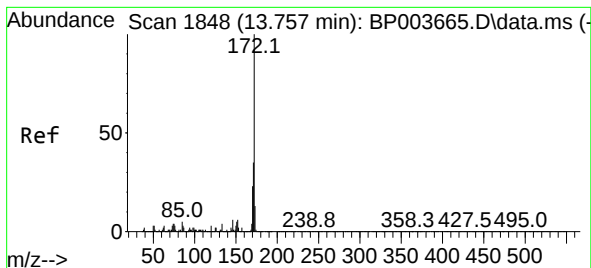
Ion Ratio Lower Upper

330 100

332 96.7 77.1 115.7

141 28.6 23.4 35.2

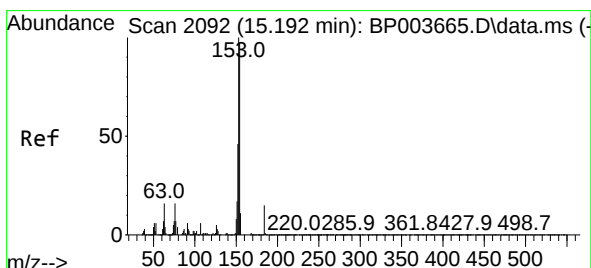
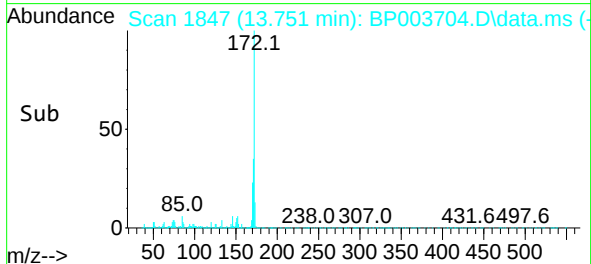
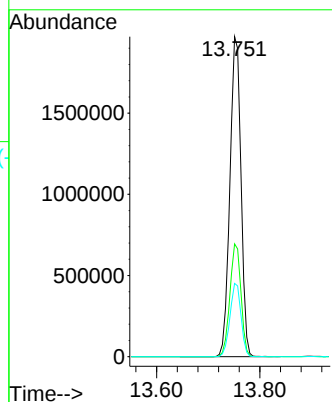
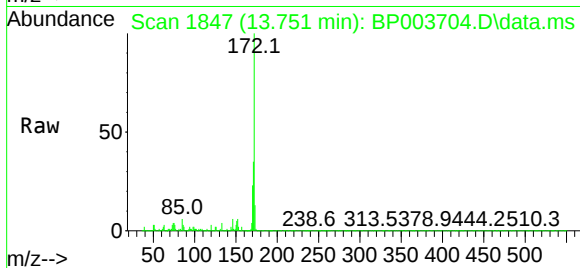




#45
2-Fluorobiphenyl
Concen: 86.02 ng
RT: 13.751 min Scan# 1847
Delta R.T. -0.006 min
Lab File: BP003704.D
Acq: 23 Oct 2020 02:59

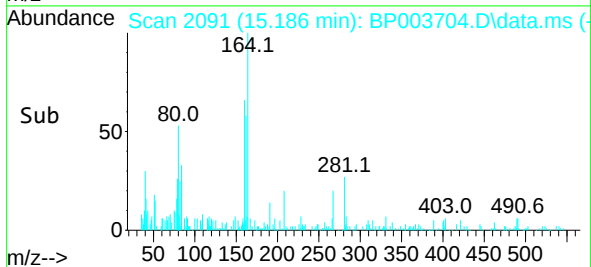
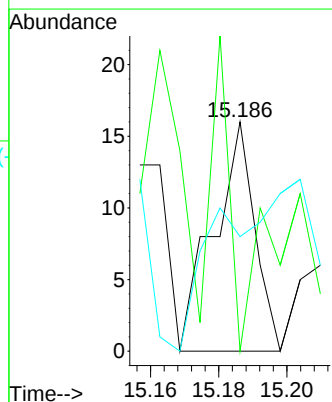
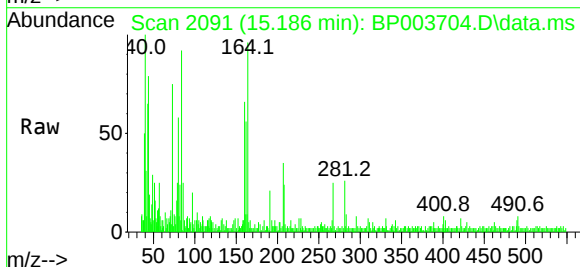
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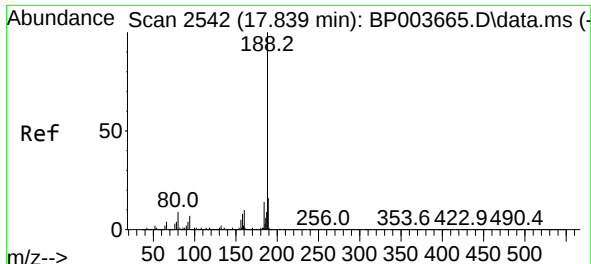
Tgt Ion:172 Resp: 2927845
Ion Ratio Lower Upper
172 100
171 35.3 28.5 42.7
170 22.9 19.2 28.8



#54
2,4-Dinitrophenol
Concen: 4.83 ng
RT: 15.186 min Scan# 2091
Delta R.T. -0.006 min
Lab File: BP003704.D
Acq: 23 Oct 2020 02:59

Tgt Ion:184 Resp: 13
Ion Ratio Lower Upper
184 100
63 0.0 32.3 48.5#
154 50.0 49.1 73.7

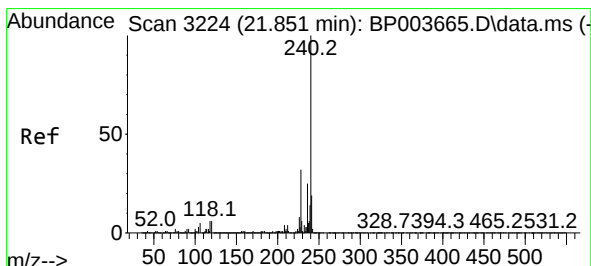
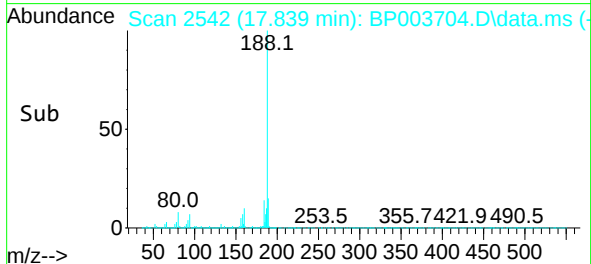
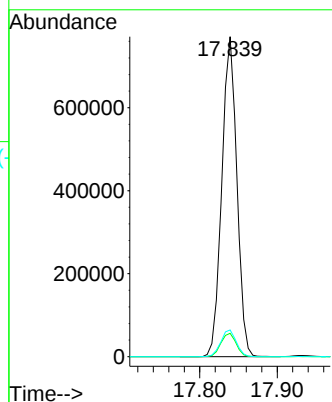
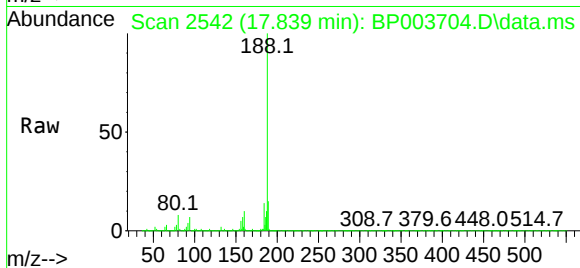




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.839 min Scan# 2542
Delta R.T. 0.000 min
Lab File: BP003704.D
Acq: 23 Oct 2020 02:59

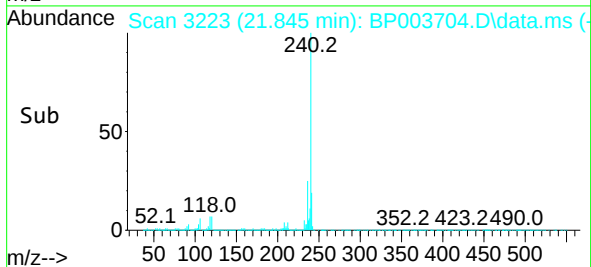
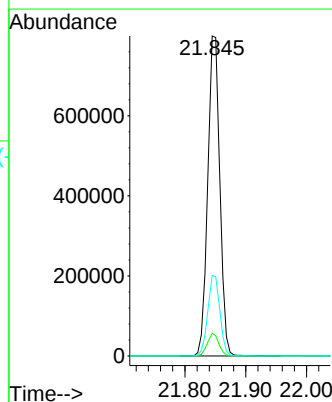
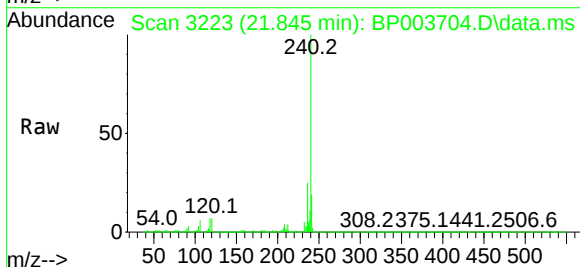
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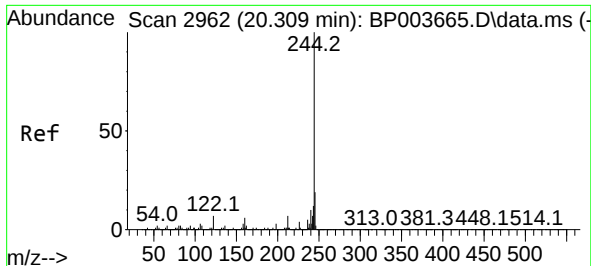
Tgt Ion:188 Resp: 1040260
Ion Ratio Lower Upper
188 100
94 7.3 6.2 9.2
80 8.3 6.2 9.2



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.845 min Scan# 3223
Delta R.T. -0.006 min
Lab File: BP003704.D
Acq: 23 Oct 2020 02:59

Tgt Ion:240 Resp: 1101403
Ion Ratio Lower Upper
240 100
120 7.1 7.8 11.6#
236 25.1 20.8 31.2

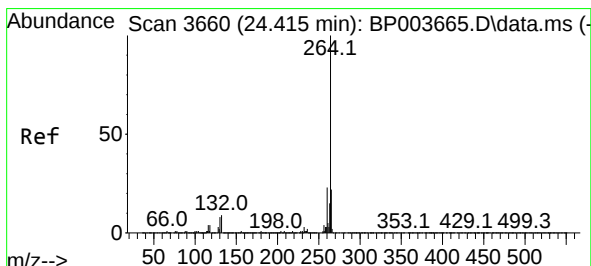
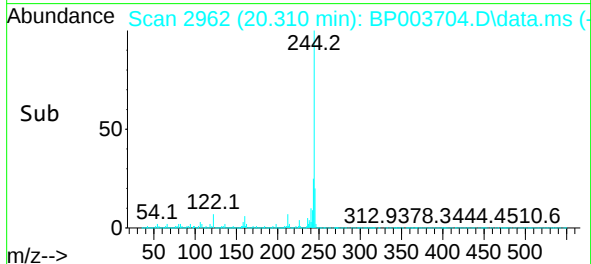
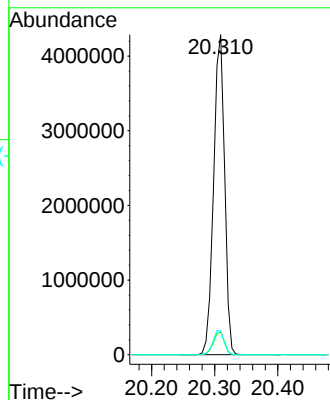
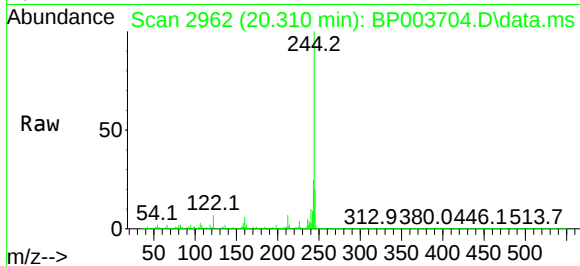




#79
 Terphenyl-d14
 Concen: 82.53 ng
 RT: 20.310 min Scan# 2962
 Delta R.T. 0.000 min
 Lab File: BP003704.D
 Acq: 23 Oct 2020 02:59

Instrument :
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 ClientSampleId :
 PB132551BL

Tgt Ion:244 Resp: 5168071
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.8 8.6
 122 7.4 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: BP003704.D
 Acq: 23 Oct 2020 02:59

Tgt Ion:264 Resp: 921089
 Ion Ratio Lower Upper
 264 100
 260 23.7 18.8 28.2
 265 21.4 17.4 26.2

