

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111320\
 Data File : BP003955.D
 Acq On : 13 Nov 2020 15:21
 Operator : CG/JU
 Sample : PB132993BL
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB132993BL

Quant Time: Nov 13 16:23:05 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP110320.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 12 15:22:47 2020
 Response via : Initial Calibration

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

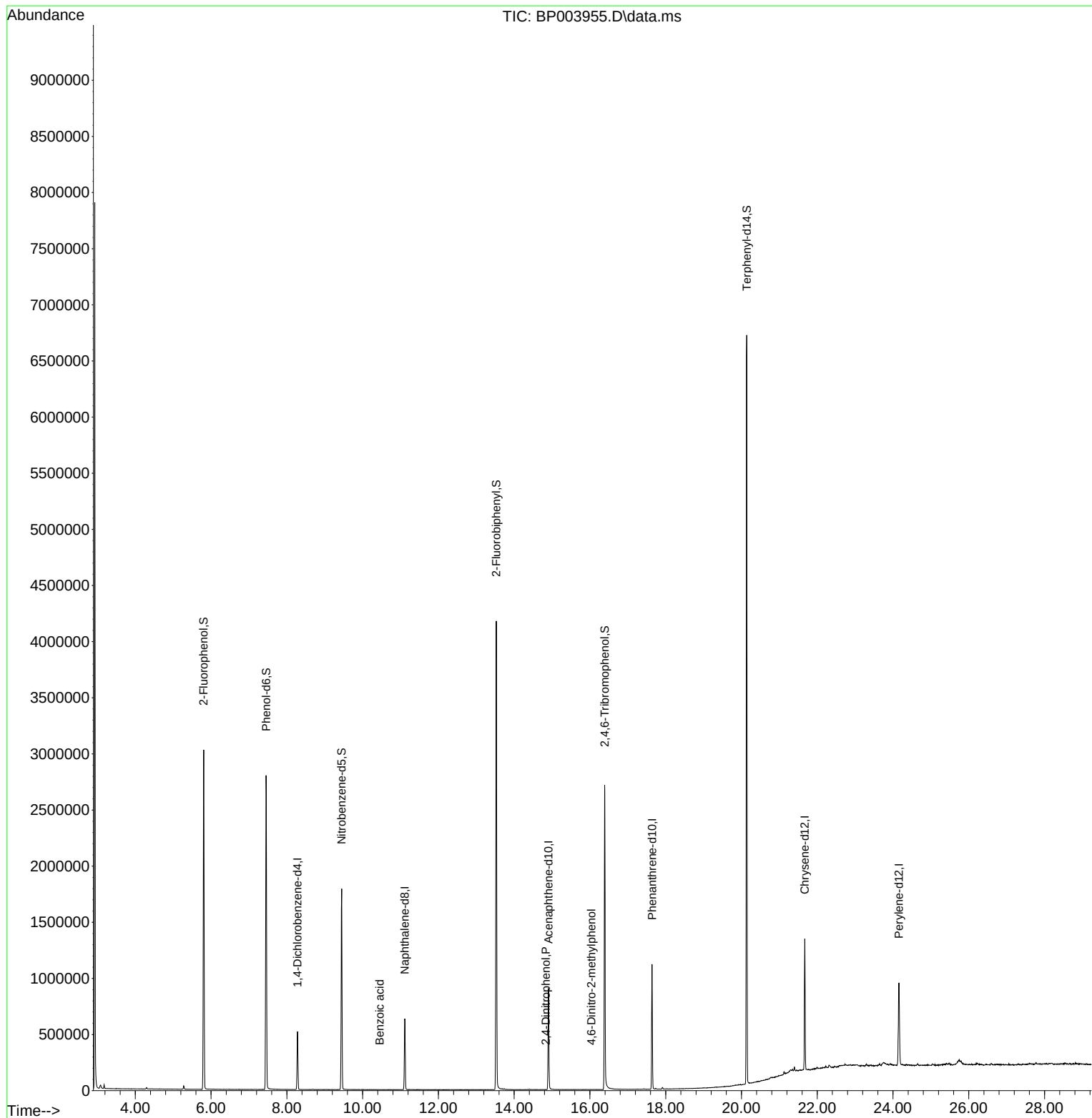
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.281	152	133777	20.00	ng	0.00
21) Naphthalene-d8	11.110	136	507629	20.00	ng	# 0.00
39) Acenaphthene-d10	14.904	164	313253	20.00	ng	0.00
64) Phenanthrene-d10	17.639	188	660187	20.00	ng	# 0.00
76) Chrysene-d12	21.669	240	602595	20.00	ng	0.00
86) Perylene-d12	24.157	264	601150	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.805	112	1190078	148.47	ng	0.00
7) Phenol-d6	7.452	99	1514954	131.66	ng	0.00
23) Nitrobenzene-d5	9.446	82	982809	94.82	ng	0.00
42) 2,4,6-Tribromophenol	16.392	330	552732	141.07	ng	0.00
45) 2-Fluorobiphenyl	13.528	172	2104926	93.94	ng	0.00
79) Terphenyl-d14	20.139	244	2914471	93.44	ng	0.00
Target Compounds						
9) Benzaldehyde	7.369	77	163	Below Cal	#	Qvalue 62
32) Benzoic acid	10.452	122	7	8.31	ng	# 1
54) 2,4-Dinitrophenol	14.834	184	58	2.76	ng	97
65) 4,6-Dinitro-2-methylph...	16.040	198	20	6.35	ng	# 1

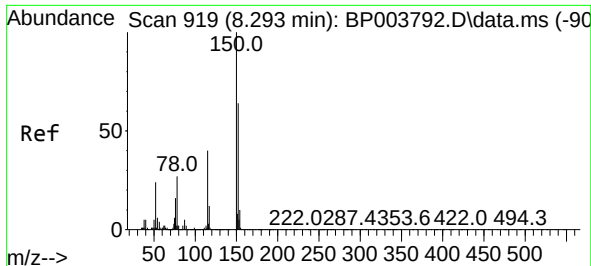
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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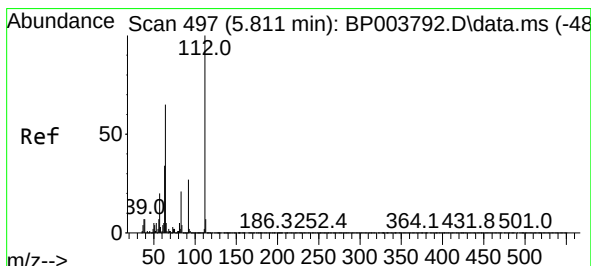
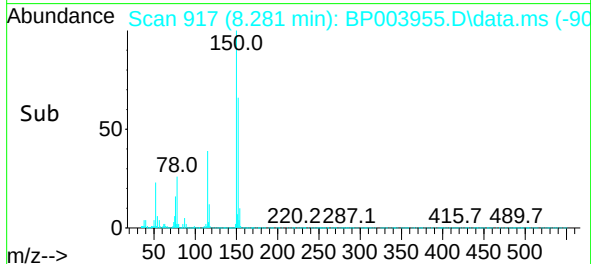
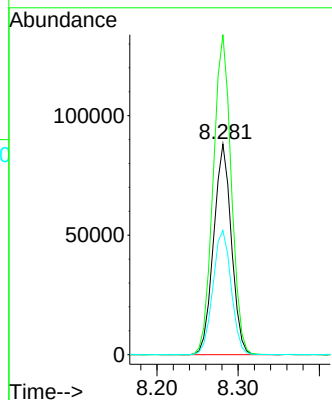
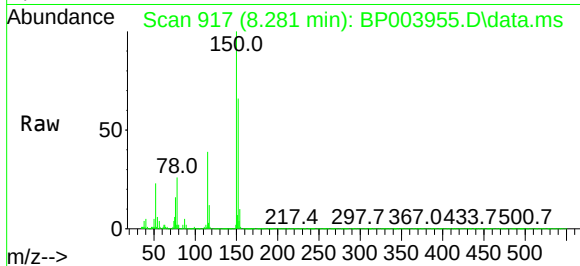




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.281 min Scan# 917
Delta R.T. 0.000 min
Lab File: BP003955.D
Acq: 13 Nov 2020 15:21

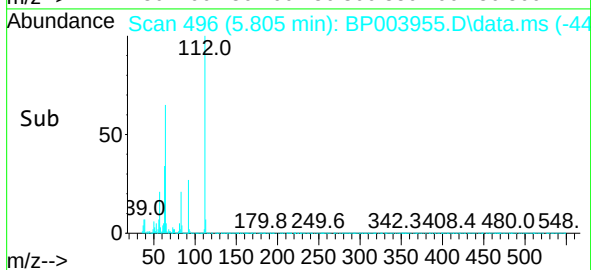
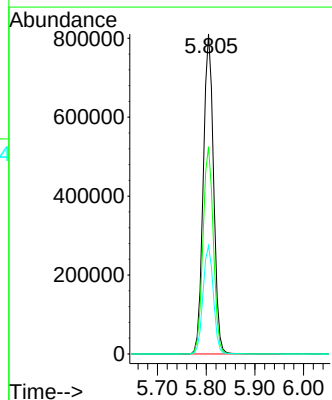
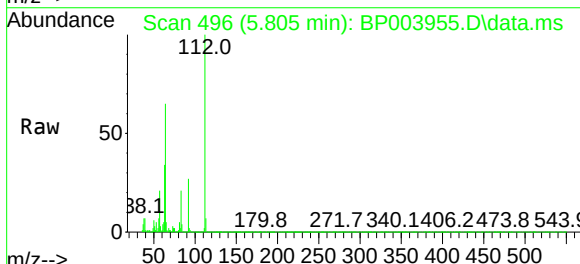
Instrument :
BNA_P
ClientSampleId :
PB132993BL

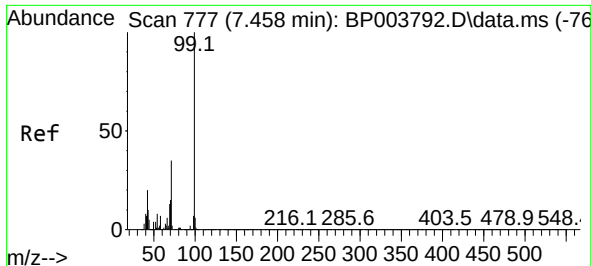
Tgt Ion:152 Resp: 133777
Ion Ratio Lower Upper
152 100
150 152.0 123.8 185.6
115 59.1 43.8 65.6



#5
2-Fluorophenol
Concen: 148.47 ng
RT: 5.805 min Scan# 496
Delta R.T. 0.000 min
Lab File: BP003955.D
Acq: 13 Nov 2020 15:21

Tgt Ion:112 Resp: 1190078
Ion Ratio Lower Upper
112 100
64 64.7 32.8 49.2#
63 33.8 17.0 25.4#

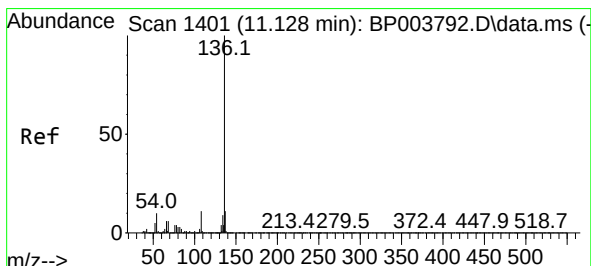
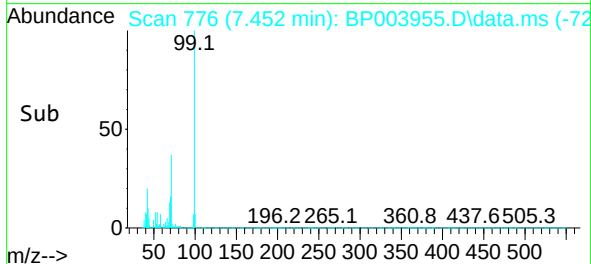
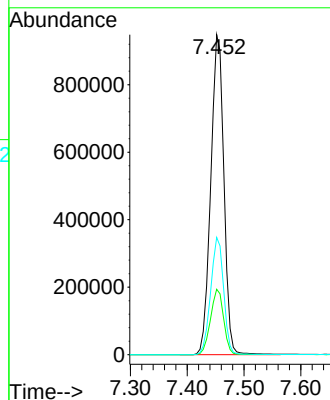
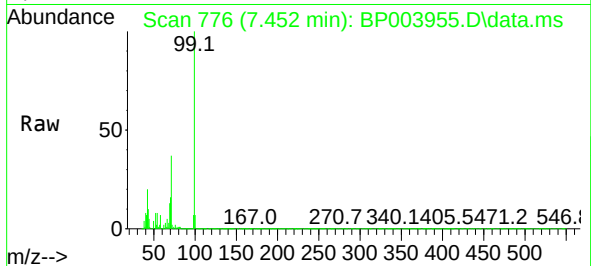




#7
Phenol-d6
Concen: 131.66 ng
RT: 7.452 min Scan# 776
Delta R.T. 0.000 min
Lab File: BP003955.D
Acq: 13 Nov 2020 15:21

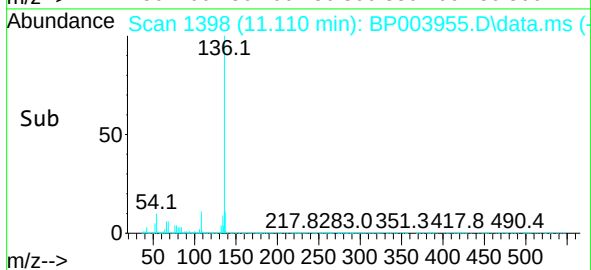
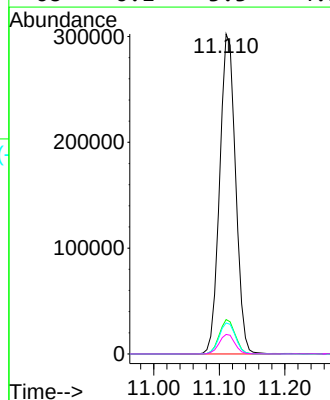
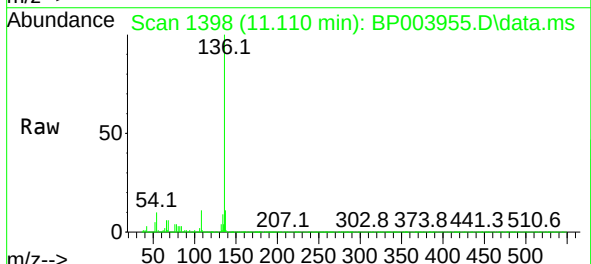
Instrument :
BNA_P
ClientSampleId :
PB132993BL

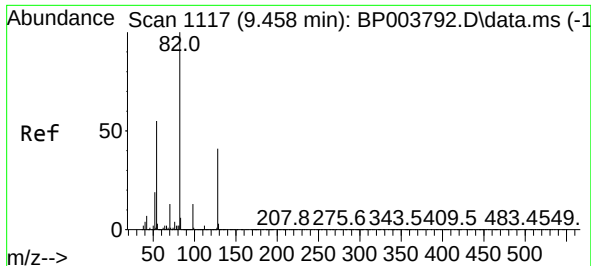
Tgt Ion: 99 Resp: 1514954
Ion Ratio Lower Upper
99 100
42 20.4 8.6 13.0#
71 36.6 23.4 35.2#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.110 min Scan# 1398
Delta R.T. -0.006 min
Lab File: BP003955.D
Acq: 13 Nov 2020 15:21

Tgt Ion:136 Resp: 507629
Ion Ratio Lower Upper
136 100
137 10.8 8.6 13.0
54 9.7 3.6 5.4#
68 6.1 3.3 4.9#

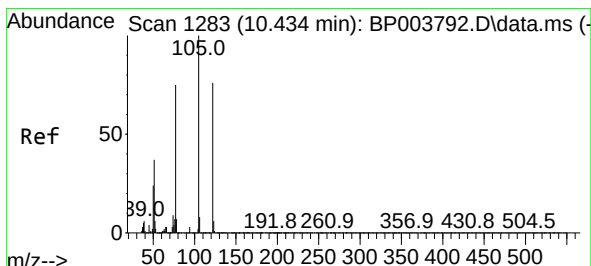
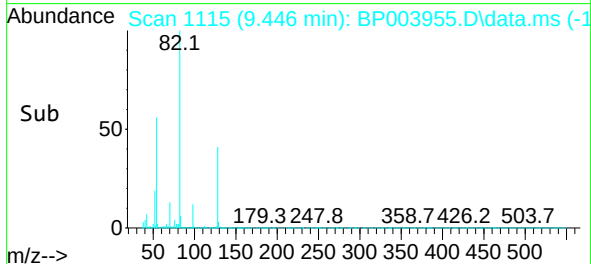
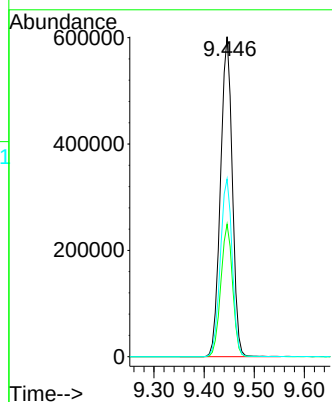
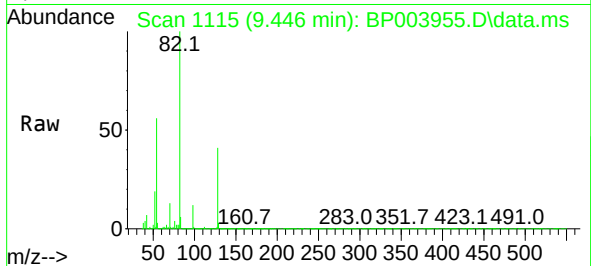




#23
Nitrobenzene-d5
Concen: 94.82 ng
RT: 9.446 min Scan# 1115
Delta R.T. 0.000 min
Lab File: BP003955.D
Acq: 13 Nov 2020 15:21

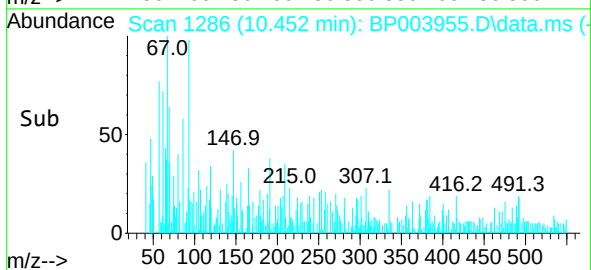
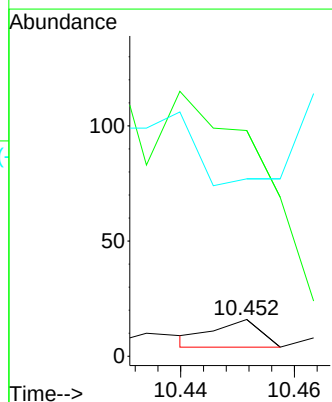
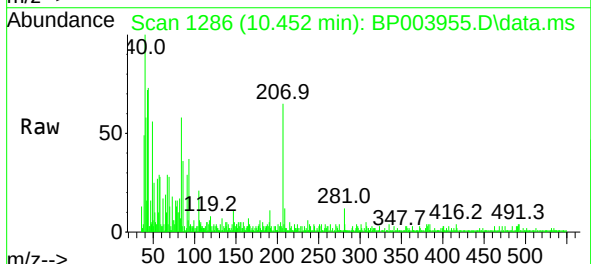
Instrument :
BNA_P
ClientSampleId :
PB132993BL

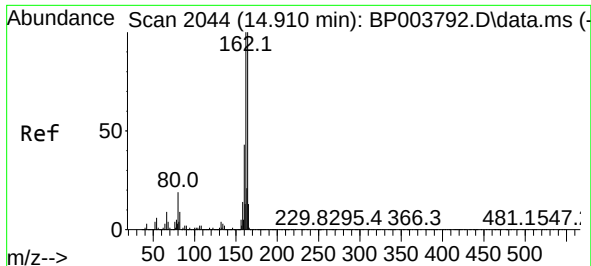
Tgt Ion: 82 Resp: 982809
Ion Ratio Lower Upper
82 100
128 41.4 45.6 68.4#
54 55.6 30.1 45.1#



#32
Benzoic acid
Concen: 8.31 ng
RT: 10.452 min Scan# 1286
Delta R.T. 0.012 min
Lab File: BP003955.D
Acq: 13 Nov 2020 15:21

Tgt Ion: 122 Resp: 7
Ion Ratio Lower Upper
122 100
105 612.5 94.1 134.1#
77 481.3 50.1 90.1#

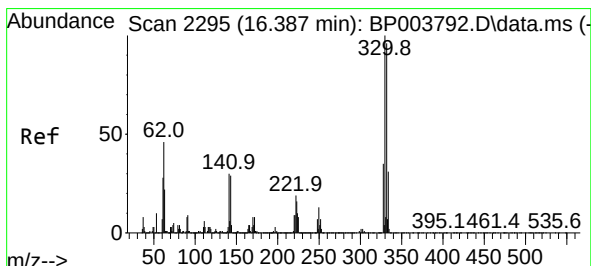
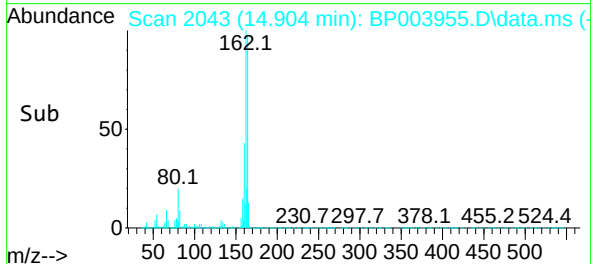
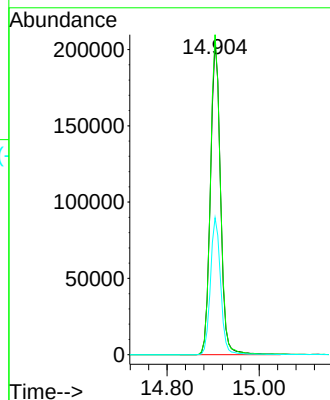
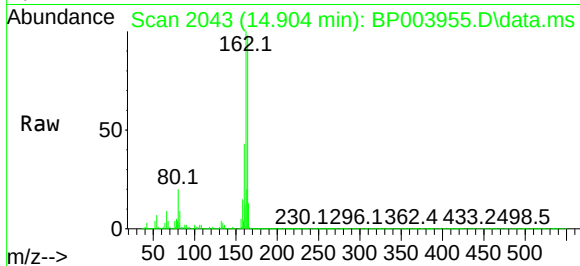




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.904 min Scan# 2043
Delta R.T. -0.006 min
Lab File: BP003955.D
Acq: 13 Nov 2020 15:21

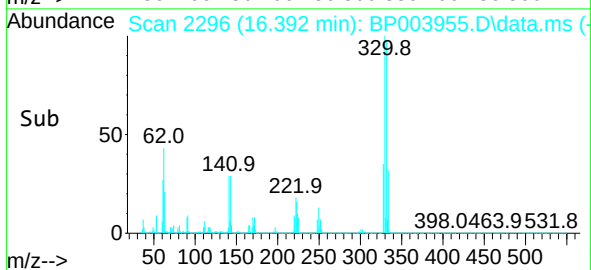
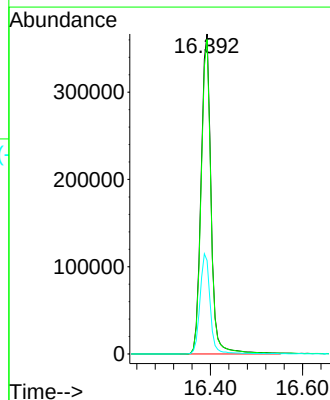
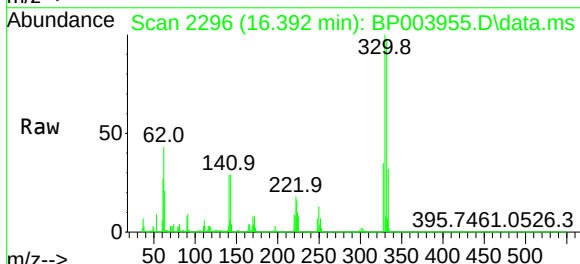
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ClientSampleId :
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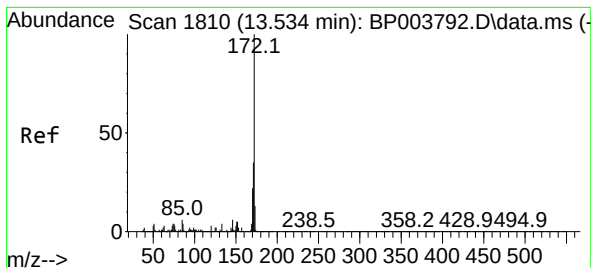
Tgt Ion:164 Resp: 313253
Ion Ratio Lower Upper
164 100
162 102.2 79.4 119.2
160 43.8 36.1 54.1



#42
2,4,6-Tribromophenol
Concen: 141.07 ng
RT: 16.392 min Scan# 2296
Delta R.T. 0.000 min
Lab File: BP003955.D
Acq: 13 Nov 2020 15:21

Tgt Ion:330 Resp: 552732
Ion Ratio Lower Upper
330 100
332 96.8 77.1 115.7
141 31.9 23.4 35.2

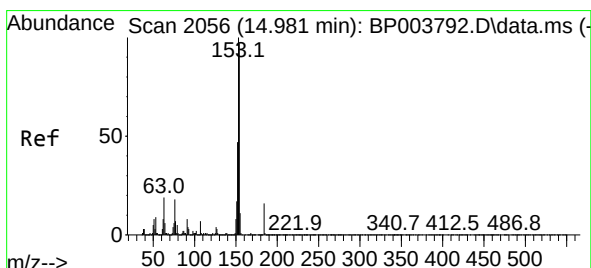
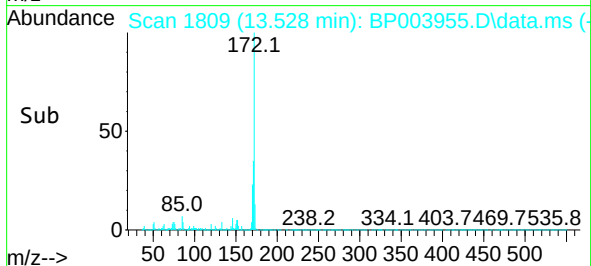
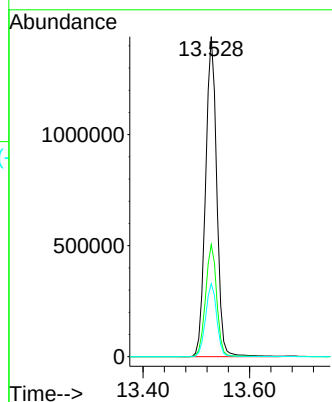
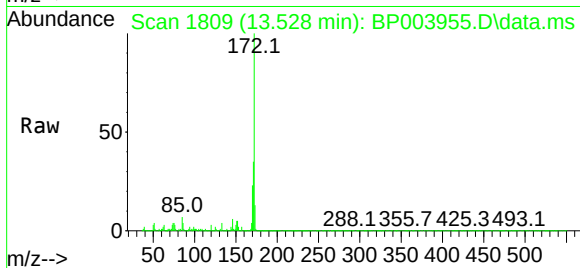




#45
2-Fluorobiphenyl
Concen: 93.94 ng
RT: 13.528 min Scan# 1809
Delta R.T. 0.000 min
Lab File: BP003955.D
Acq: 13 Nov 2020 15:21

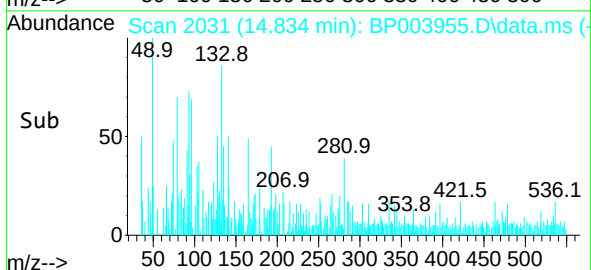
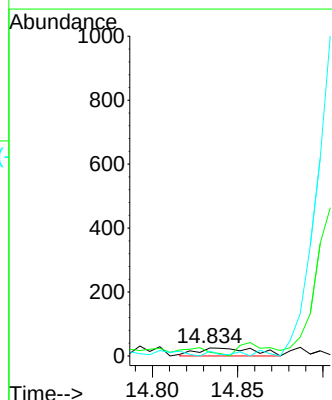
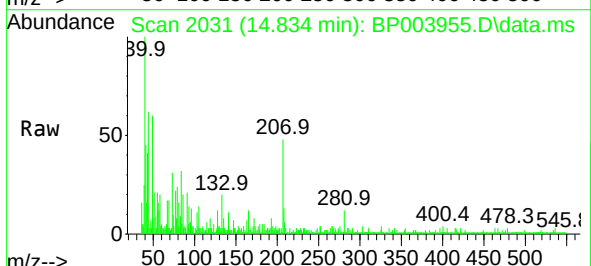
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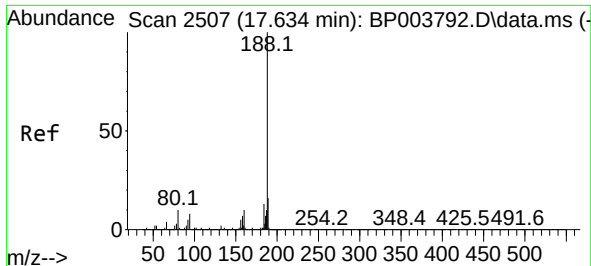
Tgt Ion:172 Resp: 2104926
Ion Ratio Lower Upper
172 100
171 35.1 28.5 42.7
170 22.8 19.2 28.8



#54
2,4-Dinitrophenol
Concen: 2.76 ng
RT: 14.834 min Scan# 2031
Delta R.T. -0.165 min
Lab File: BP003955.D
Acq: 13 Nov 2020 15:21

Tgt Ion:184 Resp: 58
Ion Ratio Lower Upper
184 100
63 44.0 32.3 48.5
154 60.0 49.1 73.7

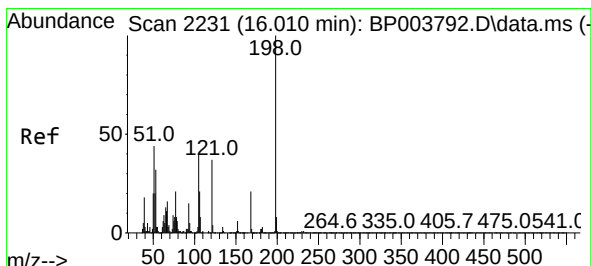
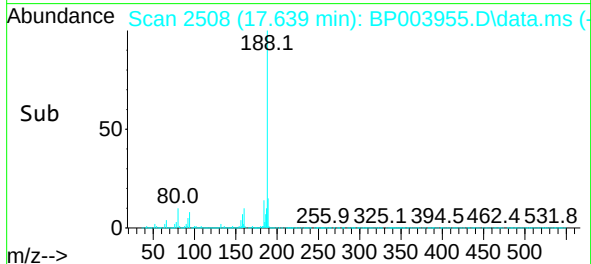
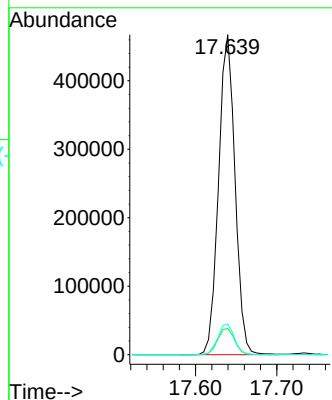
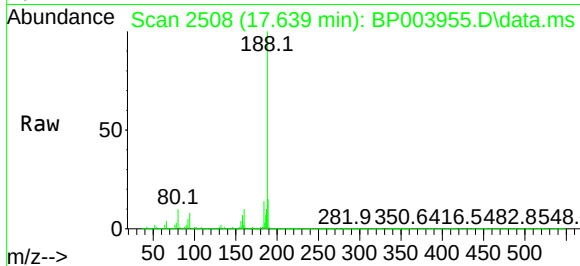




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.639 min Scan# 2508
Delta R.T. 0.000 min
Lab File: BP003955.D
Acq: 13 Nov 2020 15:21

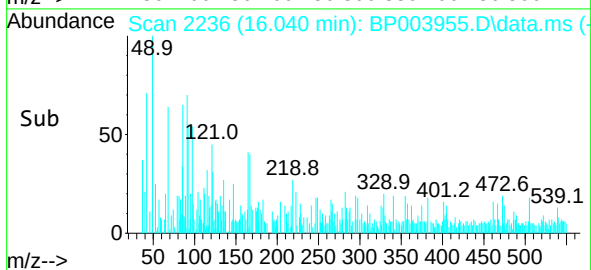
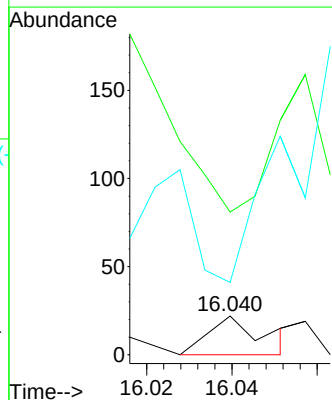
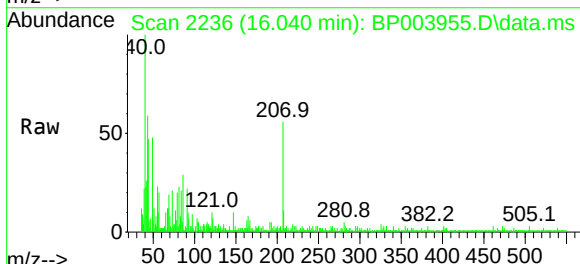
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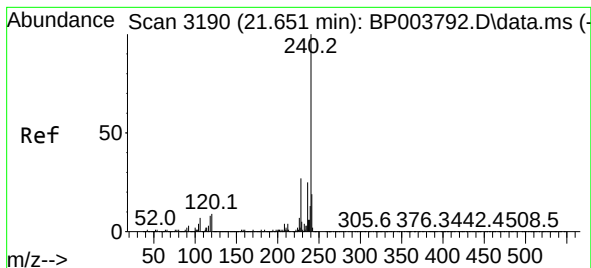
Tgt Ion:188 Resp: 660187
Ion Ratio Lower Upper
188 100
94 8.2 6.2 9.2
80 9.6 6.2 9.2#



#65
4,6-Dinitro-2-methylphenol
Concen: 6.35 ng
RT: 16.040 min Scan# 2236
Delta R.T. 0.018 min
Lab File: BP003955.D
Acq: 13 Nov 2020 15:21

Tgt Ion:198 Resp: 20
Ion Ratio Lower Upper
198 100
51 368.2 6.4 46.4#
105 186.4 18.9 58.9#





#76

Chrysene-d12

Concen: 20.00 ng

RT: 21.669 min Scan# 3193

Delta R.T. -0.006 min

Lab File: BP003955.D

Acq: 13 Nov 2020 15:21

Tgt Ion:240 Resp: 602595

Ion Ratio Lower Upper

240 100

120 9.1 7.8 11.6

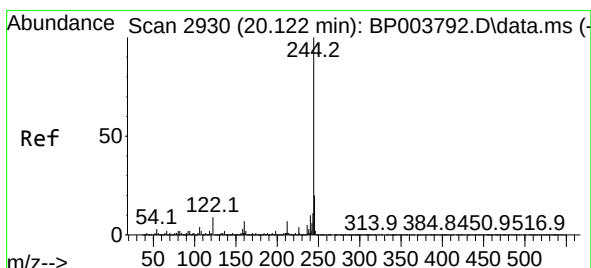
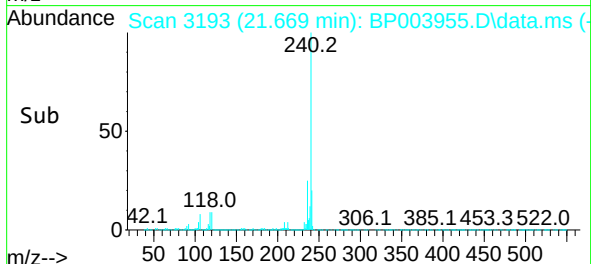
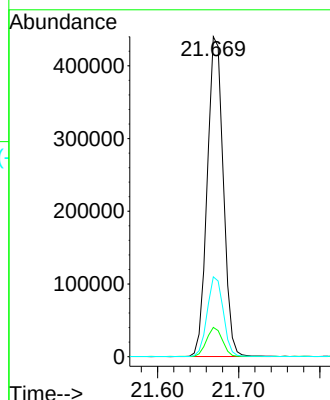
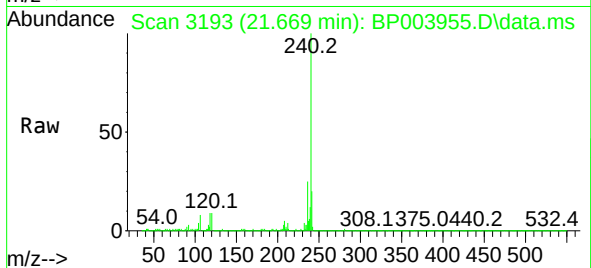
236 25.0 20.8 31.2

Instrument :

BNA_P

ClientSampleId :

PB132993BL



#79

Terphenyl-d14

Concen: 93.44 ng

RT: 20.139 min Scan# 2933

Delta R.T. 0.006 min

Lab File: BP003955.D

Acq: 13 Nov 2020 15:21

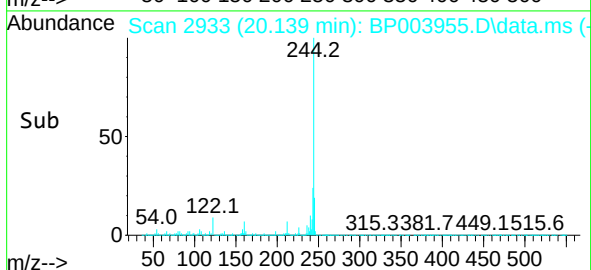
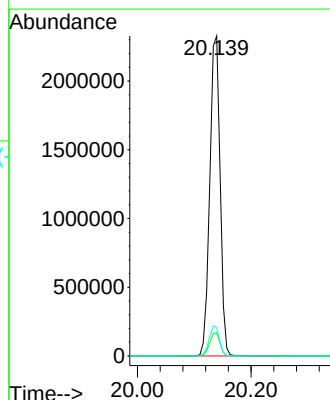
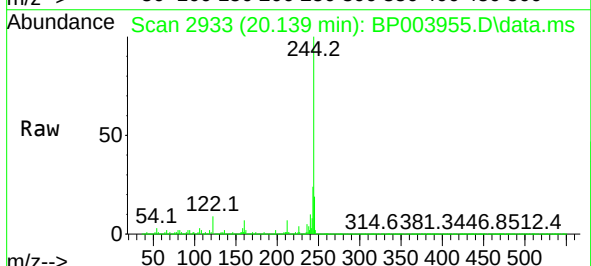
Tgt Ion:244 Resp: 2914471

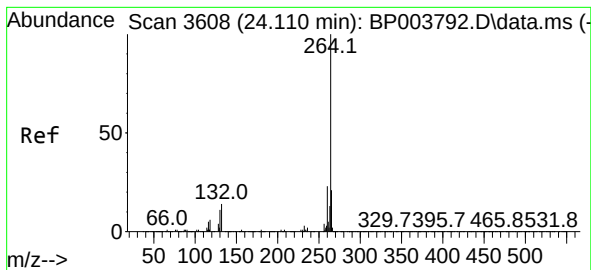
Ion Ratio Lower Upper

244 100

212 7.2 5.8 8.6

122 8.8 7.8 11.8





#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 24.157 min Scan# 3616
 Delta R.T. 0.000 min
 Lab File: BP003955.D
 Acq: 13 Nov 2020 15:21

Instrument :
 BNA_P
 ClientSampleId :
 PB132993BL

Tgt Ion:264 Resp: 601150
 Ion Ratio Lower Upper
 264 100
 260 21.9 18.8 28.2
 265 21.2 17.4 26.2

