

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP112120\
 Data File : BP004043.D
 Acq On : 21 Nov 2020 18:05
 Operator : CG/JU
 Sample : L4839-04
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 B2-GW

Quant Time: Nov 23 05:00:19 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270E-BP110320.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 23 03:48:44 2020
 Response via : Initial Calibration

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

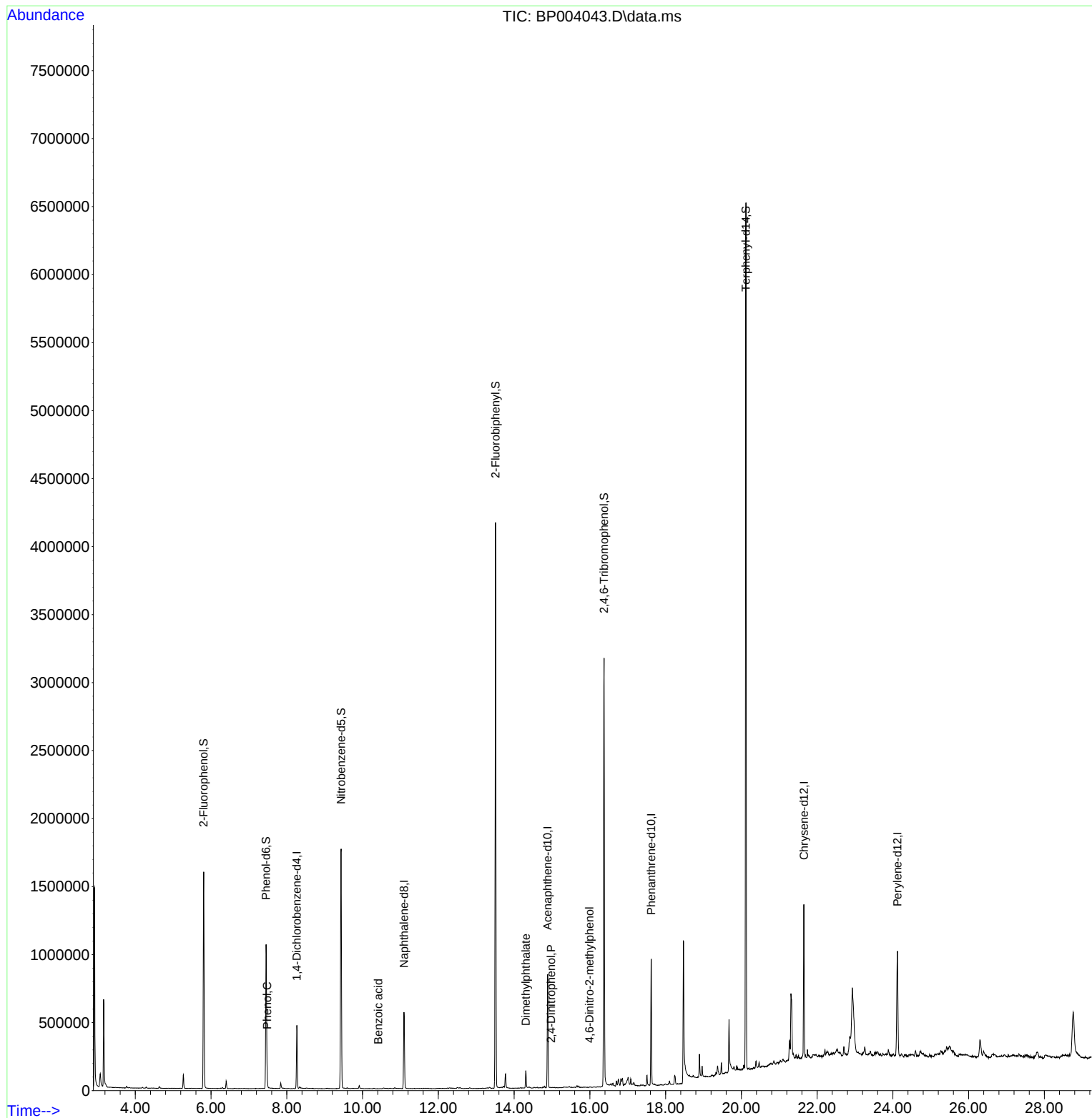
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.263	152	119573	20.00	ng	-0.03
21) Naphthalene-d8	11.093	136	453964	20.00	ng	#-0.04
39) Acenaphthene-d10	14.887	164	275039	20.00	ng	-0.02
64) Phenanthrene-d10	17.622	188	567538	20.00	ng	-0.01
76) Chrysene-d12	21.651	240	554521	20.00	ng	0.00
86) Perylene-d12	24.121	264	612444	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.805	112	658043	91.85	ng	0.00
7) Phenol-d6	7.452	99	586943	57.07	ng	0.00
23) Nitrobenzene-d5	9.434	82	1001742	108.07	ng	-0.02
42) 2,4,6-Tribromophenol	16.375	330	620619	180.41	ng	-0.01
45) 2-Fluorobiphenyl	13.510	172	2100750	106.78	ng	-0.02
79) Terphenyl-d14	20.122	244	2774436	96.66	ng	0.00
Target Compounds						
					Qvalue	
9) Benzaldehyde	7.375	77	659	Below Cal	#	48
10) Phenol	7.481	94	28531	2.87	ng	82
32) Benzoic acid	10.416	122	13	8.31	ng	# 1
50) Dimethylphthalate	14.310	163	79189	3.68	ng	# 99
54) 2,4-Dinitrophenol	14.975	184	18	2.74	ng	# 1
65) 4,6-Dinitro-2-methylph...	15.986	198	7	6.34	ng	# 1

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

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QLast Update : Mon Nov 23 03:48:44 2020
Response via : Initial Calibration

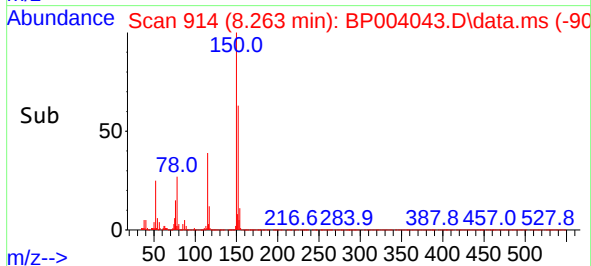
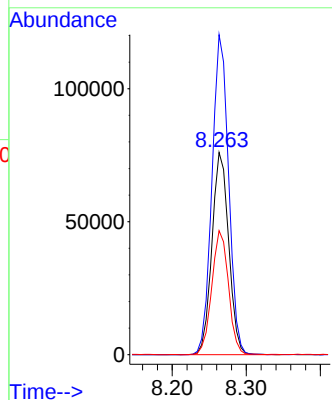
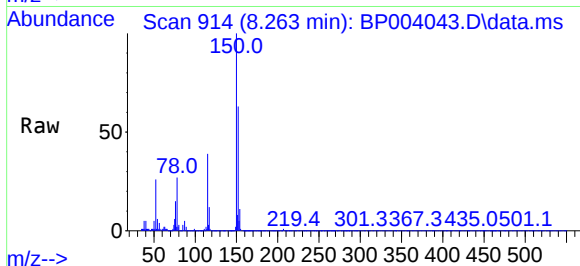




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.263 min Scan# 914
Delta R.T. -0.030 min
Lab File: BP004043.D
Acq: 21 Nov 2020 18:05

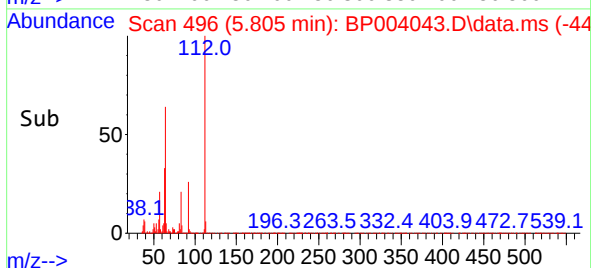
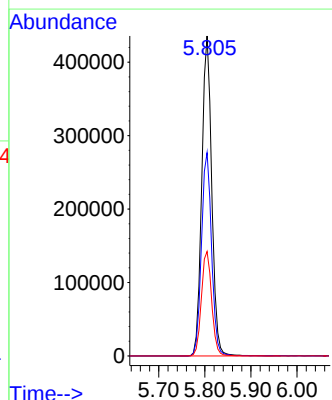
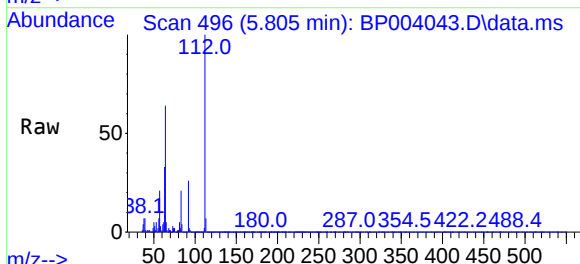
Instrument :
BNA_P
ClientSampleId :
B2-GW

Tgt Ion:152 Resp: 119573
Ion Ratio Lower Upper
152 100
150 158.2 123.8 185.6
115 61.3 43.8 65.6



#5
2-Fluorophenol
Concen: 91.85 ng
RT: 5.805 min Scan# 496
Delta R.T. -0.006 min
Lab File: BP004043.D
Acq: 21 Nov 2020 18:05

Tgt Ion:112 Resp: 658043
Ion Ratio Lower Upper
112 100
64 63.6 32.8 49.2#
63 32.7 17.0 25.4#

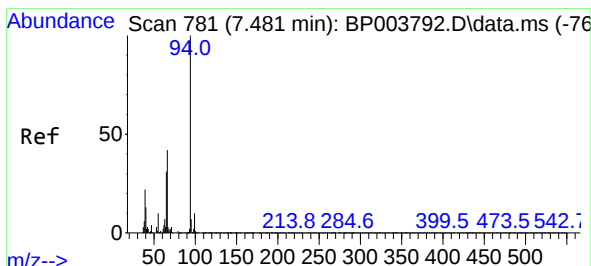
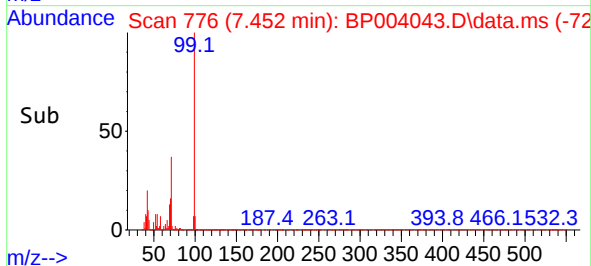
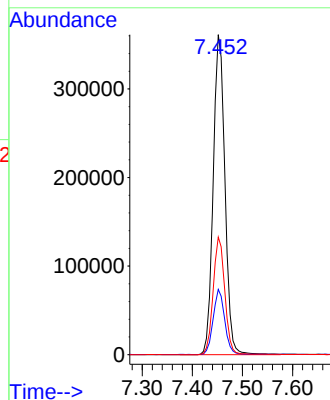
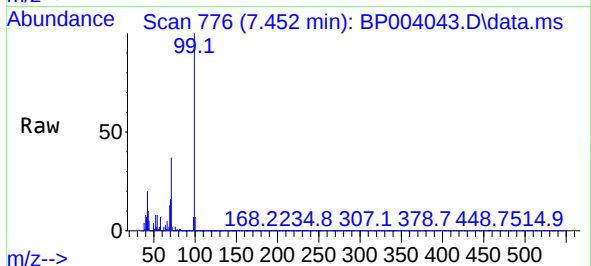




#7
Phenol-d6
Concen: 57.07 ng
RT: 7.452 min Scan# 776
Delta R.T. -0.006 min
Lab File: BP004043.D
Acq: 21 Nov 2020 18:05

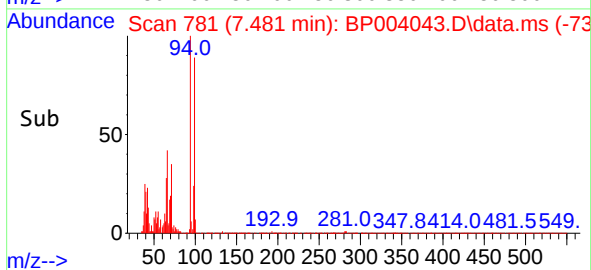
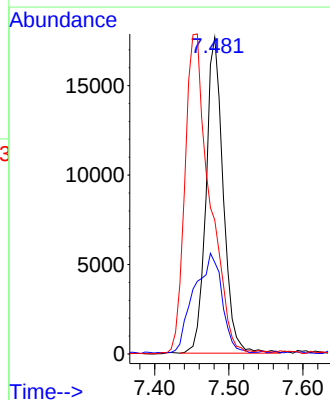
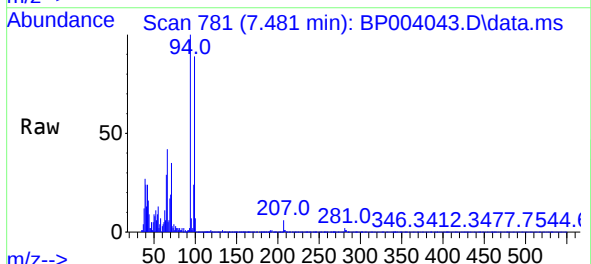
Instrument :
BNA_P
ClientSampleId :
B2-GW

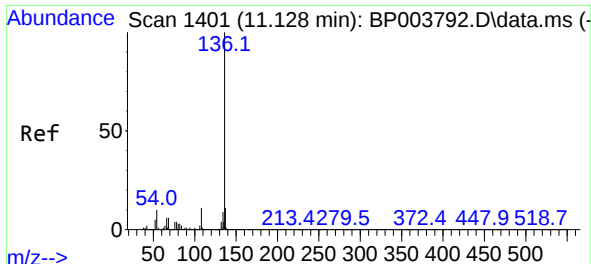
Tgt Ion: 99 Resp: 586943
Ion Ratio Lower Upper
99 100
42 20.4 8.6 13.0#
71 36.8 23.4 35.2#



#10
Phenol
Concen: 2.87 ng
RT: 7.481 min Scan# 781
Delta R.T. -0.000 min
Lab File: BP004043.D
Acq: 21 Nov 2020 18:05

Tgt Ion: 94 Resp: 28531
Ion Ratio Lower Upper
94 100
65 28.9 2.3 42.3
66 42.3 10.9 50.9

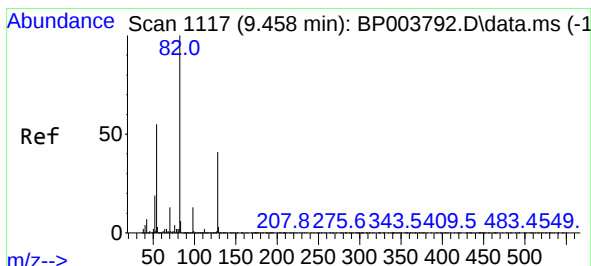
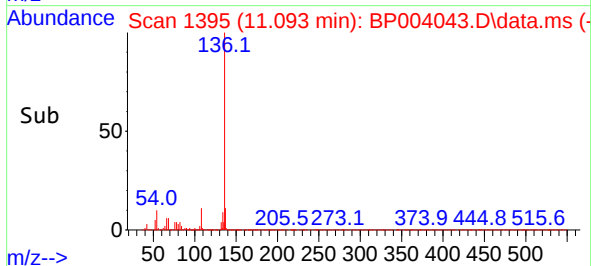
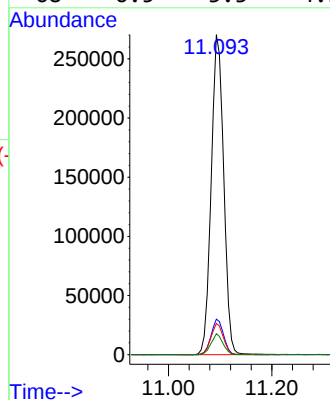
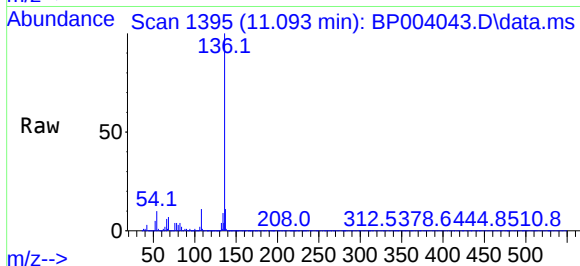




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.093 min Scan# 1395
Delta R.T. -0.035 min
Lab File: BP004043.D
Acq: 21 Nov 2020 18:05

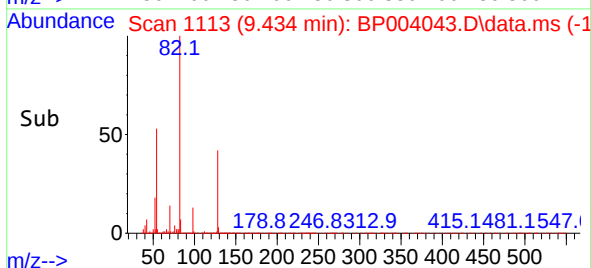
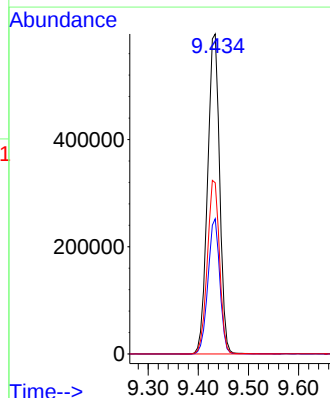
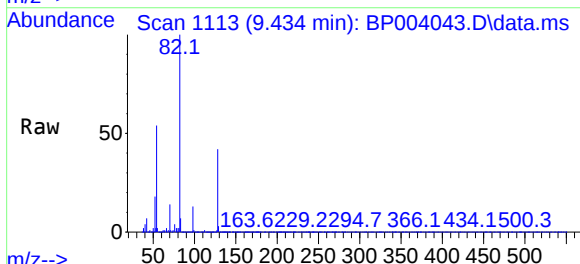
Instrument :
BNA_P
ClientSampleId :
B2-GW

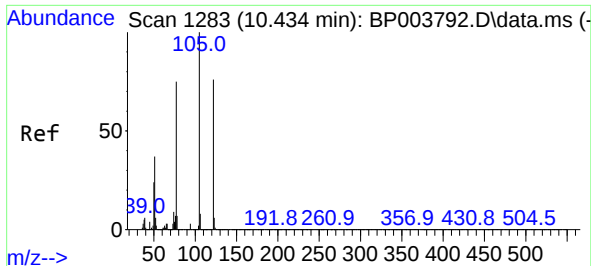
Tgt Ion:136 Resp: 453964
Ion Ratio Lower Upper
136 100
137 11.1 8.6 13.0
54 9.8 3.6 5.4#
68 6.5 3.3 4.9#



#23
Nitrobenzene-d5
Concen: 108.07 ng
RT: 9.434 min Scan# 1113
Delta R.T. -0.024 min
Lab File: BP004043.D
Acq: 21 Nov 2020 18:05

Tgt Ion: 82 Resp: 1001742
Ion Ratio Lower Upper
82 100
128 42.2 45.6 68.4#
54 53.5 30.1 45.1#

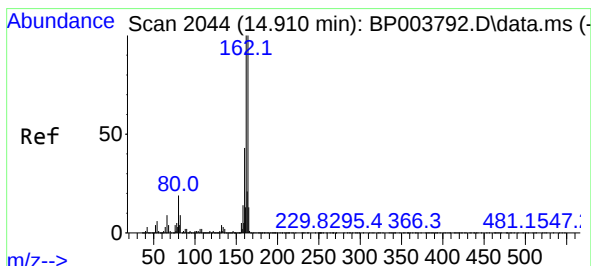
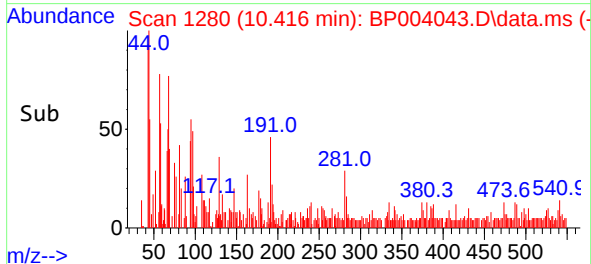
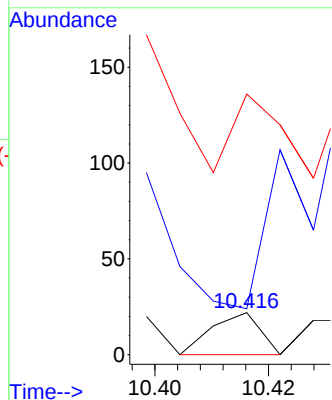
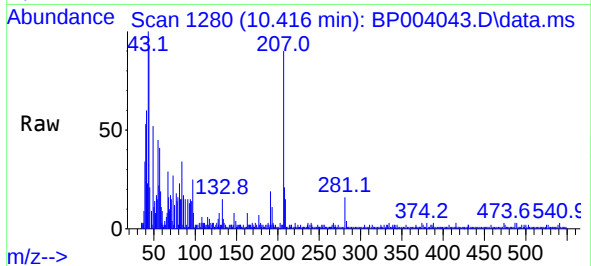




#32
Benzoic acid
Concen: 8.31 ng
RT: 10.416 min Scan# 1280
Delta R.T. -0.018 min
Lab File: BP004043.D
Acq: 21 Nov 2020 18:05

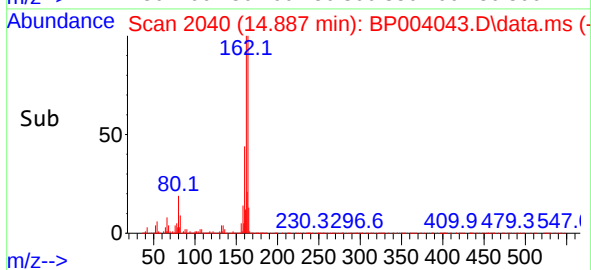
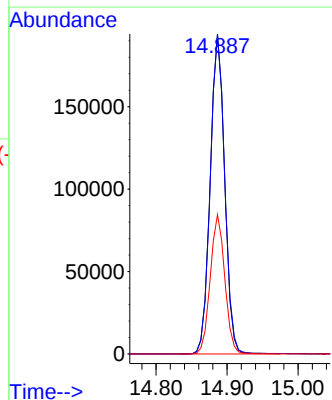
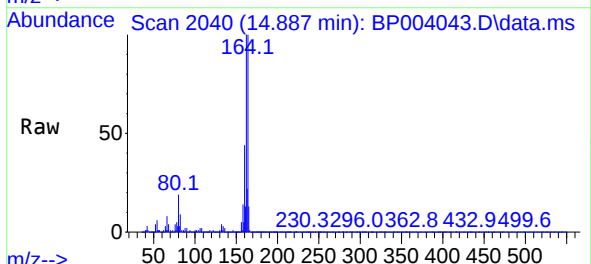
Instrument :
BNA_P
ClientSampleId :
B2-GW

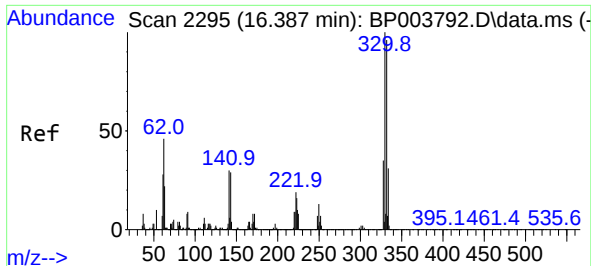
Tgt Ion:	122	Resp:	13
Ion	Ratio	Lower	Upper
122	100		
105	109.1	94.1	134.1
77	618.2	50.1	90.1#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.887 min Scan# 2040
Delta R.T. -0.024 min
Lab File: BP004043.D
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Tgt Ion:	164	Resp:	275039
Ion	Ratio	Lower	Upper
164	100		
162	100.0	79.4	119.2
160	43.5	36.1	54.1

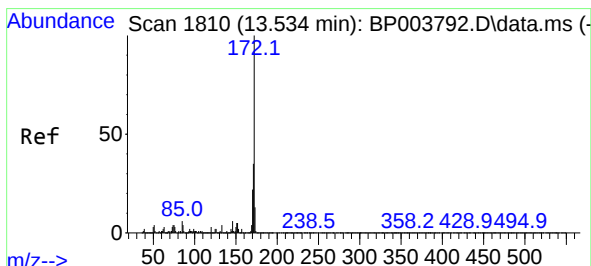
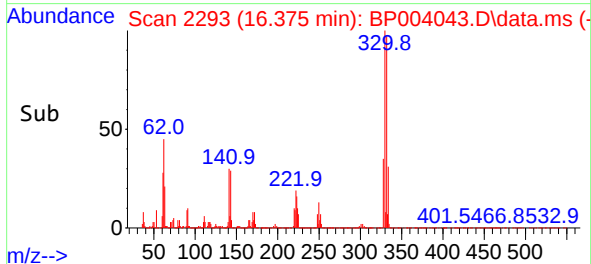
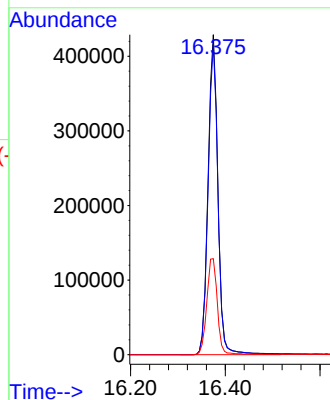
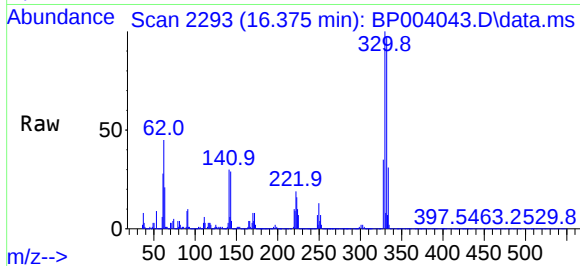




#42
2,4,6-Tribromophenol
Concen: 180.41 ng
RT: 16.375 min Scan# 2293
Delta R.T. -0.012 min
Lab File: BP004043.D
Acq: 21 Nov 2020 18:05

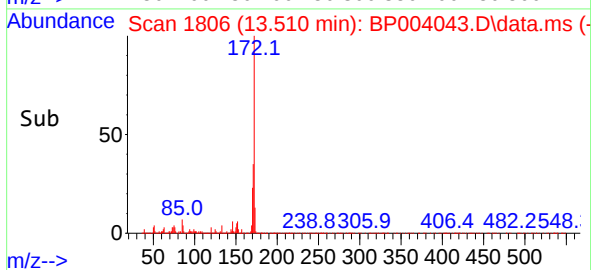
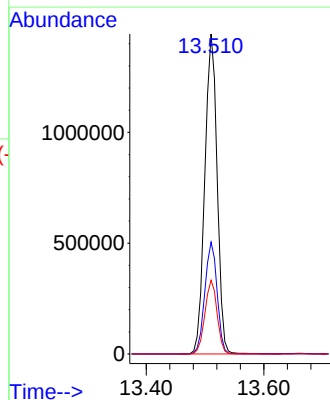
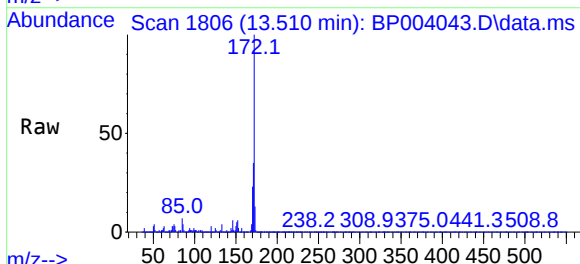
Instrument :
BNA_P
ClientSampleId :
B2-GW

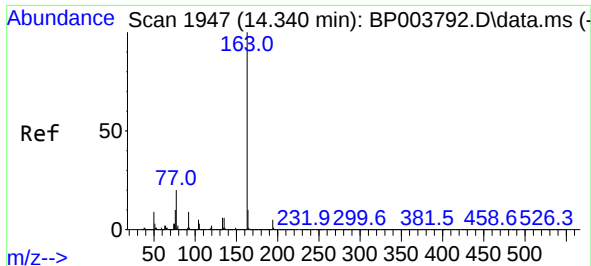
Tgt Ion:330 Resp: 620619
Ion Ratio Lower Upper
330 100
332 96.6 77.1 115.7
141 32.2 23.4 35.2



#45
2-Fluorobiphenyl
Concen: 106.78 ng
RT: 13.510 min Scan# 1806
Delta R.T. -0.024 min
Lab File: BP004043.D
Acq: 21 Nov 2020 18:05

Tgt Ion:172 Resp: 2100750
Ion Ratio Lower Upper
172 100
171 34.9 28.5 42.7
170 23.1 19.2 28.8

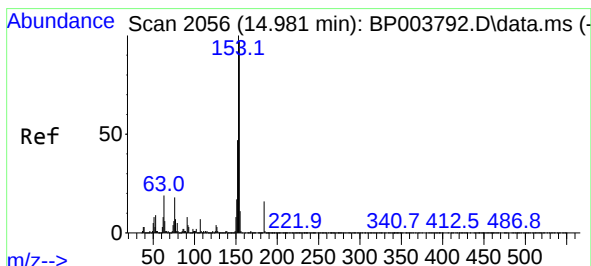
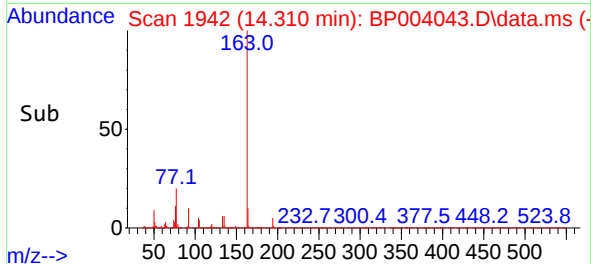
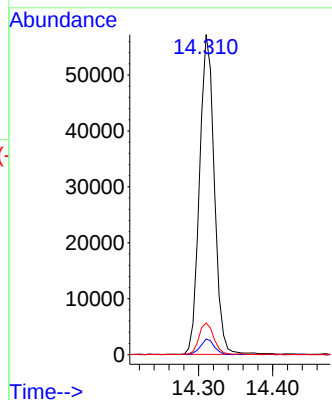
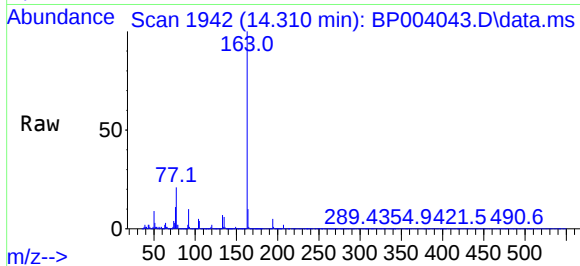




#50
Dimethylphthalate
Concen: 3.68 ng
RT: 14.310 min Scan# 1942
Delta R.T. -0.030 min
Lab File: BP004043.D
Acq: 21 Nov 2020 18:05

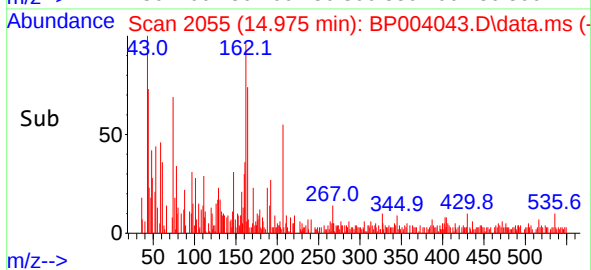
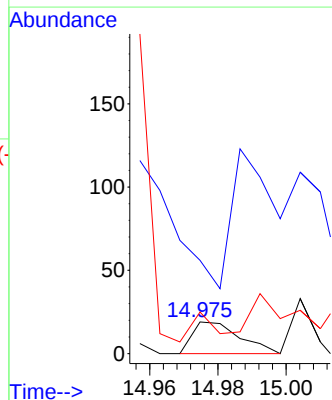
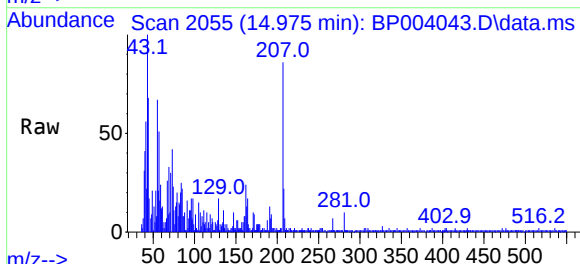
Instrument :
BNA_P
ClientSampleId :
B2-GW

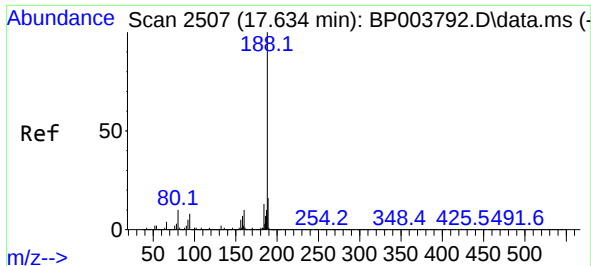
Tgt Ion:163 Resp: 79189
Ion Ratio Lower Upper
163 100
194 4.9 3.3 4.9#
164 9.9 8.2 12.2



#54
2,4-Dinitrophenol
Concen: 2.74 ng
RT: 14.975 min Scan# 2055
Delta R.T. -0.006 min
Lab File: BP004043.D
Acq: 21 Nov 2020 18:05

Tgt Ion:184 Resp: 18
Ion Ratio Lower Upper
184 100
63 294.7 32.3 48.5#
154 131.6 49.1 73.7#

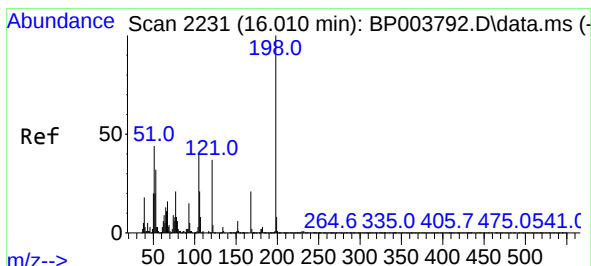
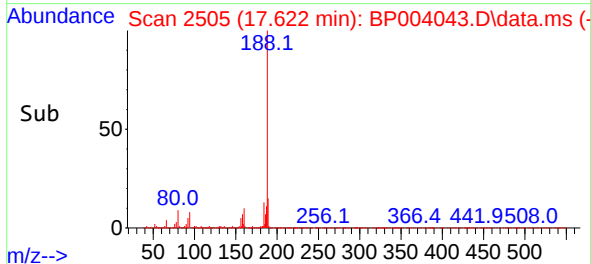
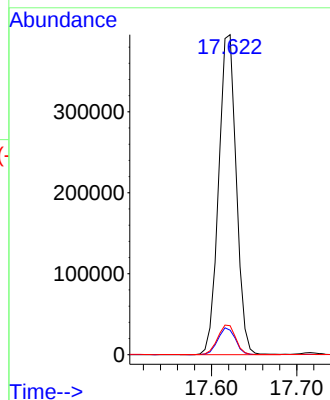
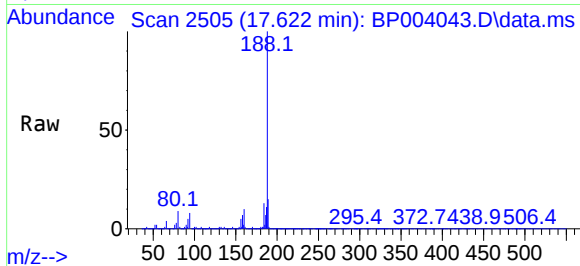




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.622 min Scan# 2505
Delta R.T. -0.012 min
Lab File: BP004043.D
Acq: 21 Nov 2020 18:05

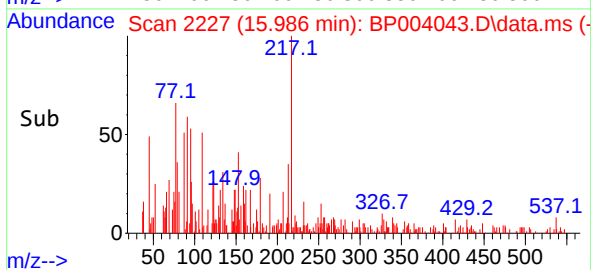
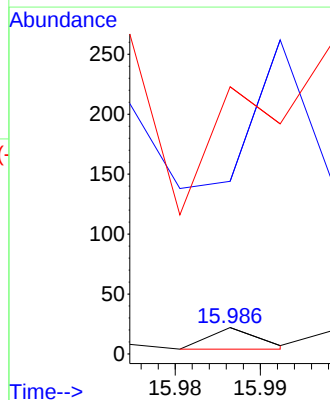
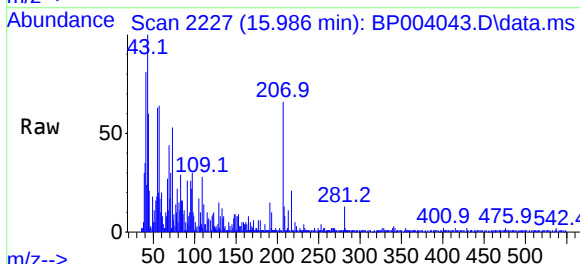
Instrument :
BNA_P
ClientSampled :
B2-GW

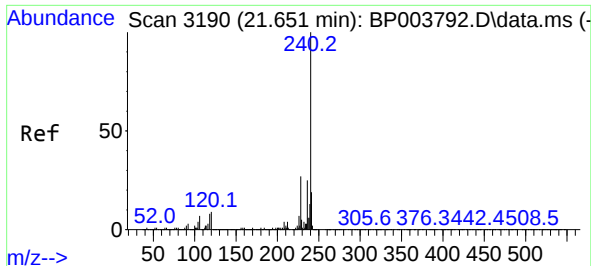
Tgt Ion:	188	Resp:	567538
Ion	Ratio	Lower	Upper
188	100		
94	7.7	6.2	9.2
80	9.1	6.2	9.2



#65
4,6-Dinitro-2-methylphenol
Concen: 6.34 ng
RT: 15.986 min Scan# 2227
Delta R.T. -0.024 min
Lab File: BP004043.D
Acq: 21 Nov 2020 18:05

Tgt Ion:	198	Resp:	7
Ion	Ratio	Lower	Upper
198	100		
51	654.5	6.4	46.4#
105	1013.6	18.9	58.9#

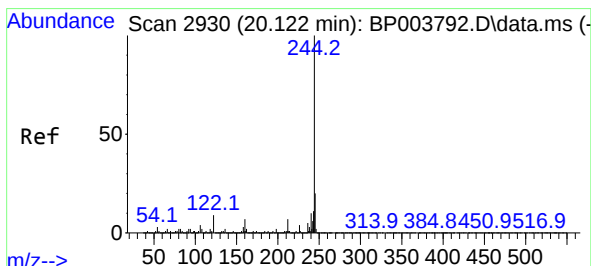
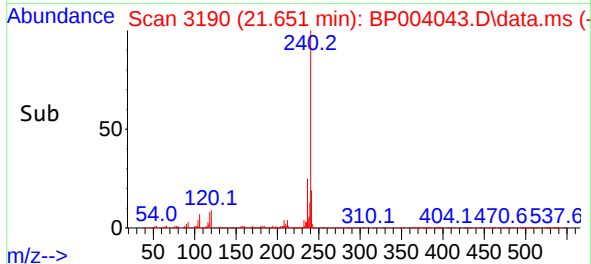
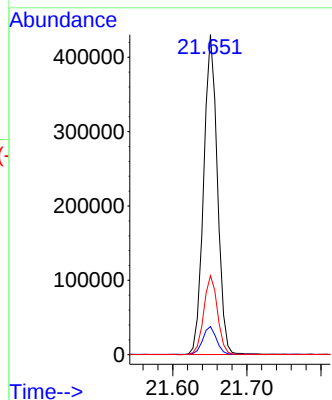
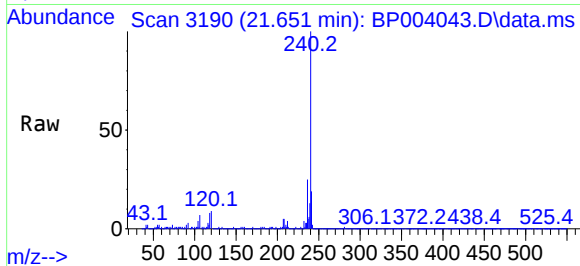




#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.651 min Scan# 3190
Delta R.T. -0.000 min
Lab File: BP004043.D
Acq: 21 Nov 2020 18:05

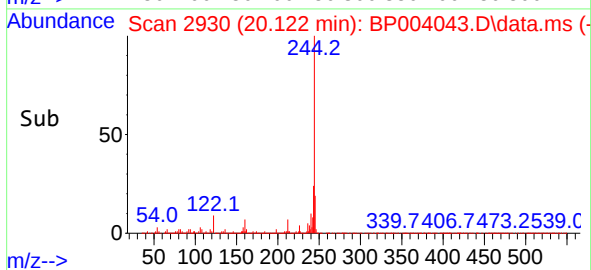
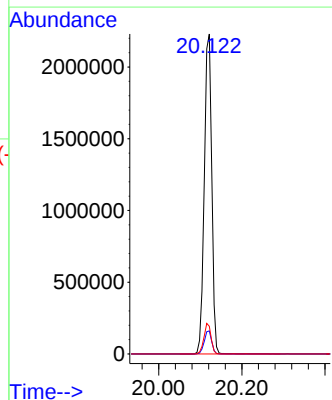
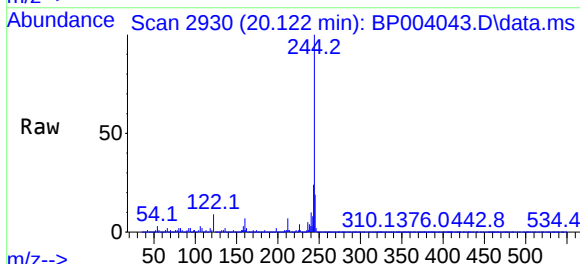
Instrument :
BNA_P
ClientSampleId :
B2-GW

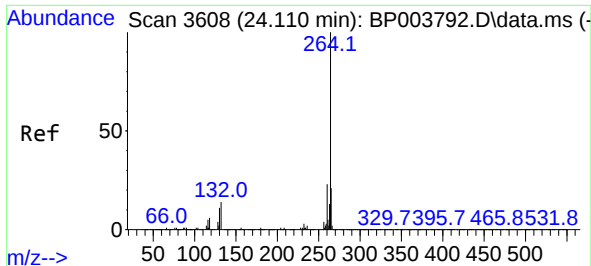
Tgt Ion:240 Resp: 554521
Ion Ratio Lower Upper
240 100
120 8.8 7.8 11.6
236 24.7 20.8 31.2



#79
Terphenyl-d14
Concen: 96.66 ng
RT: 20.122 min Scan# 2930
Delta R.T. -0.000 min
Lab File: BP004043.D
Acq: 21 Nov 2020 18:05

Tgt Ion:244 Resp: 2774436
Ion Ratio Lower Upper
244 100
212 7.2 5.8 8.6
122 8.7 7.8 11.8





#86
Perylene-d12
Concen: 20.00 ng
RT: 24.121 min Scan# 3610
Delta R.T. 0.012 min
Lab File: BP004043.D
Acq: 21 Nov 2020 18:05

Instrument :
BNA_P
ClientSampleId :
B2-GW

Tgt Ion:264 Resp: 612444

Ion	Ratio	Lower	Upper
264	100		
260	23.9	18.8	28.2
265	22.2	17.4	26.2

