

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111920\
 Data File : BP004009.D
 Acq On : 19 Nov 2020 17:42
 Operator : CG/JU
 Sample : PB133118BL
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB133118BL

Quant Time: Nov 19 23:56:20 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)

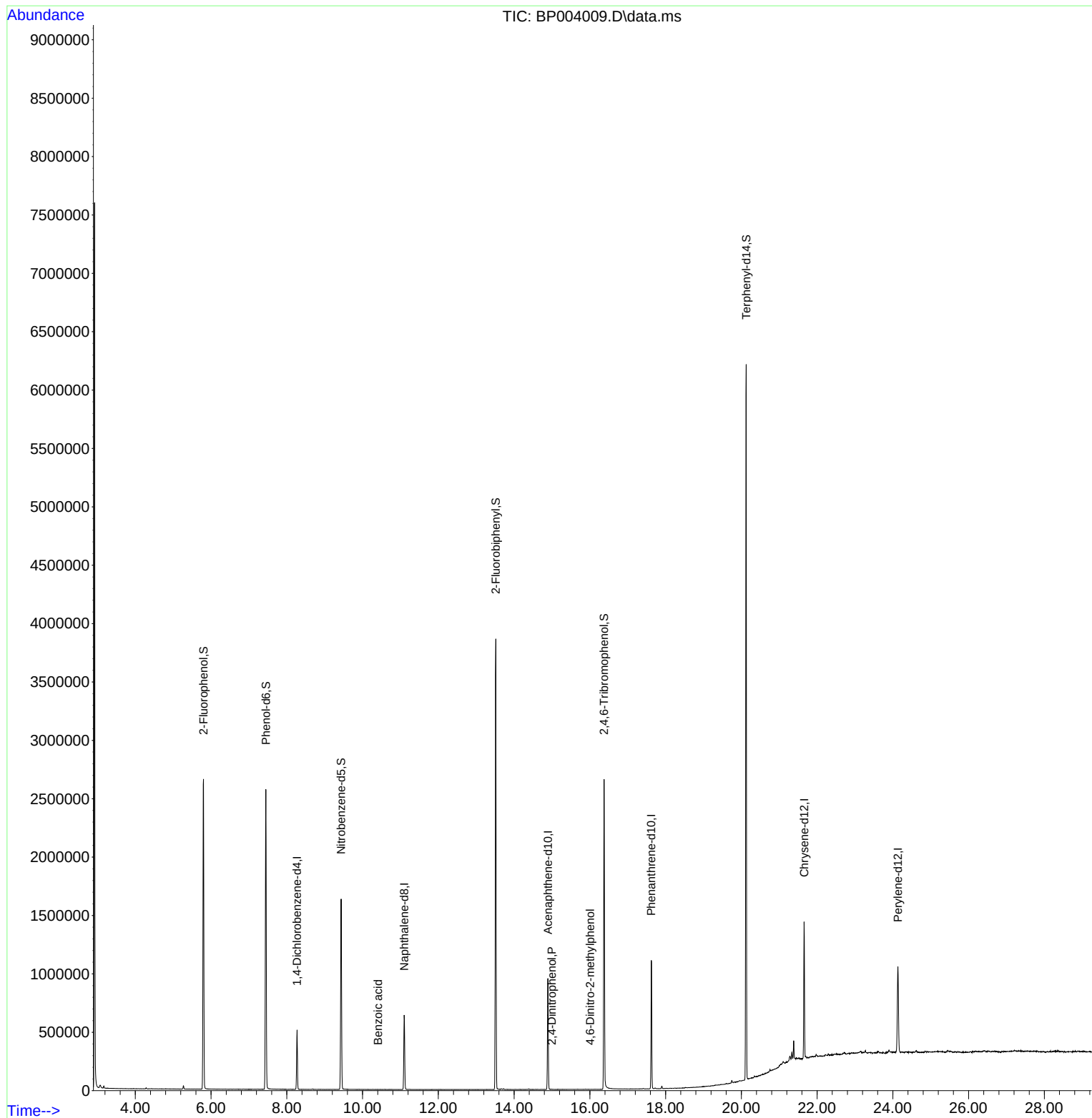
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.269	152	132097	20.00	ng	-0.01
21) Naphthalene-d8	11.099	136	503246	20.00	ng	#-0.02
39) Acenaphthene-d10	14.893	164	310053	20.00	ng	-0.02
64) Phenanthrene-d10	17.622	188	662704	20.00	ng	#-0.02
76) Chrysene-d12	21.657	240	576102	20.00	ng	-0.02
86) Perylene-d12	24.133	264	579670	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.799	112	1090135	137.73	ng	0.00
7) Phenol-d6	7.446	99	1388268	122.19	ng	0.00
23) Nitrobenzene-d5	9.434	82	891554	86.76	ng	-0.01
42) 2,4,6-Tribromophenol	16.375	330	499933	128.92	ng	-0.02
45) 2-Fluorobiphenyl	13.516	172	1935607	87.28	ng	-0.01
79) Terphenyl-d14	20.128	244	2621695	87.92	ng	0.00
Target Compounds						
9) Benzaldehyde	7.452	77	2433	Below Cal	#	1
32) Benzoic acid	10.410	122	37	8.31	ng	# 12
54) 2,4-Dinitrophenol	14.992	184	57	2.76	ng	# 1
65) 4,6-Dinitro-2-methylph...	16.010	198	21	6.35	ng	# 1

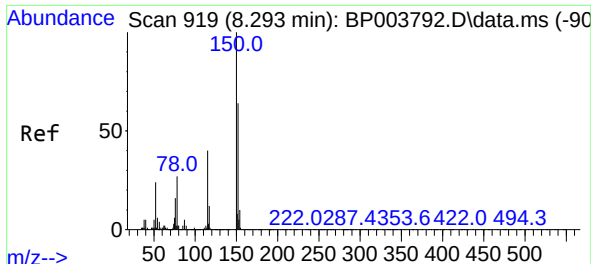
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 12 15:22:47 2020
Response via : Initial Calibration

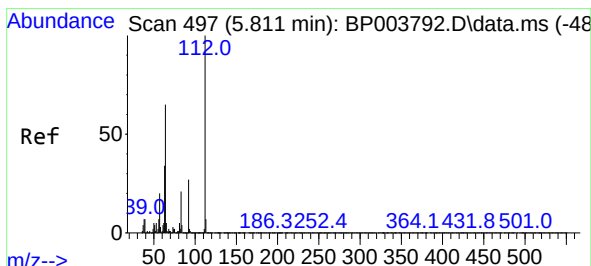
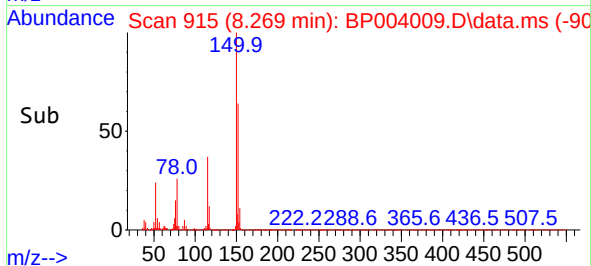
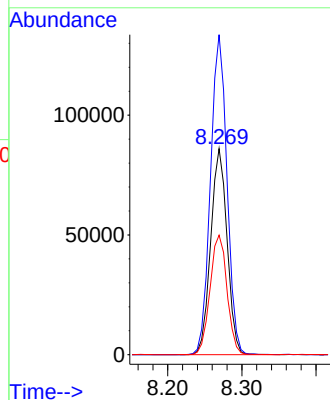
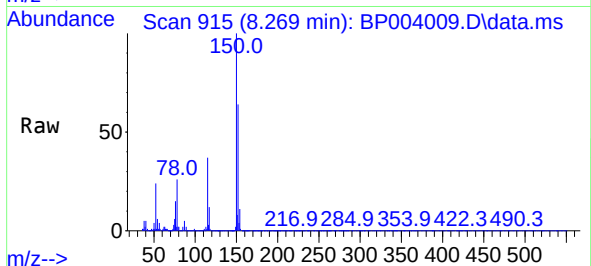




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.269 min Scan# 915
Delta R.T. -0.012 min
Lab File: BP004009.D
Acq: 19 Nov 2020 17:42

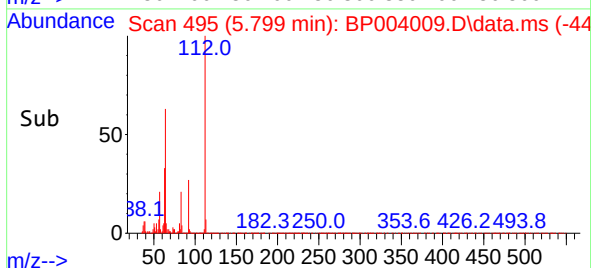
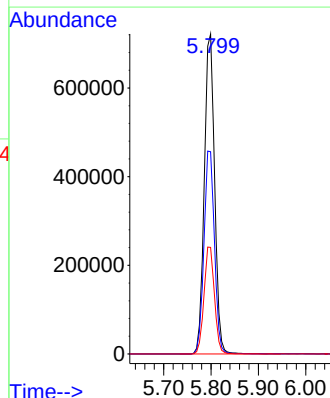
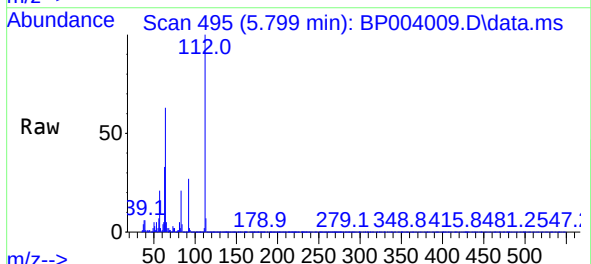
Instrument :
BNA_P
ClientSampleId :
PB133118BL

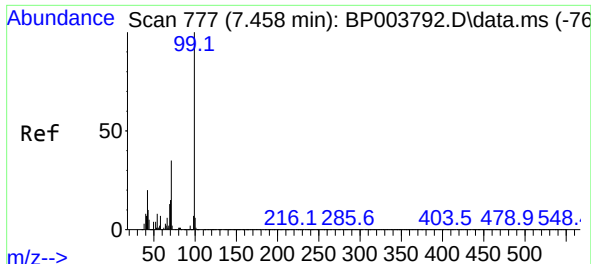
Tgt Ion:152 Resp: 132097
Ion Ratio Lower Upper
152 100
150 155.3 123.8 185.6
115 58.0 43.8 65.6



#5
2-Fluorophenol
Concen: 137.73 ng
RT: 5.799 min Scan# 495
Delta R.T. -0.006 min
Lab File: BP004009.D
Acq: 19 Nov 2020 17:42

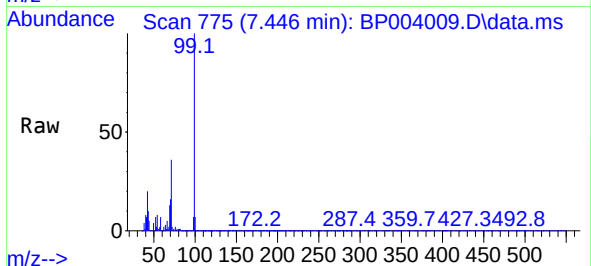
Tgt Ion:112 Resp: 1090135
Ion Ratio Lower Upper
112 100
64 63.2 32.8 49.2#
63 33.3 17.0 25.4#



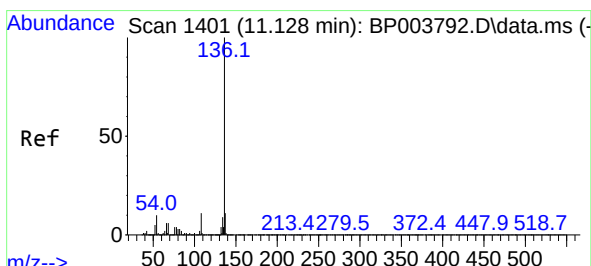
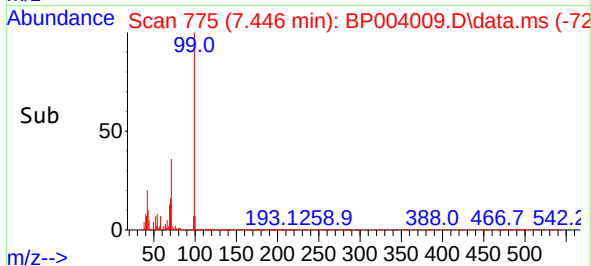
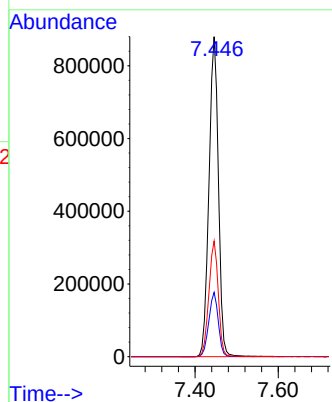


#7
Phenol-d6
Concen: 122.19 ng
RT: 7.446 min Scan# 775
Delta R.T. -0.006 min
Lab File: BP004009.D
Acq: 19 Nov 2020 17:42

Instrument :
BNA_P
ClientSampleId :
PB133118BL

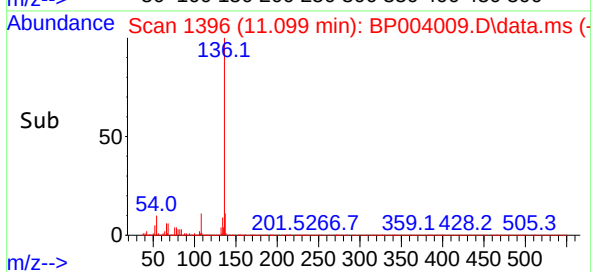
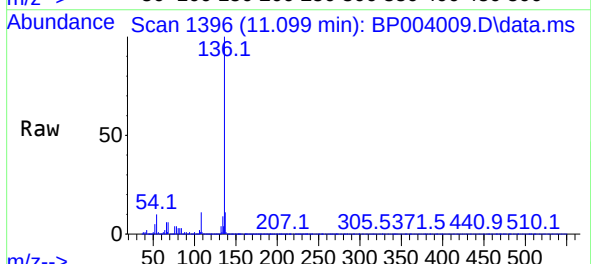
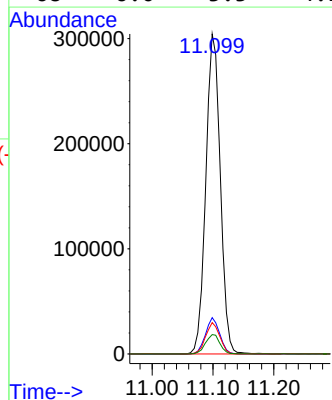


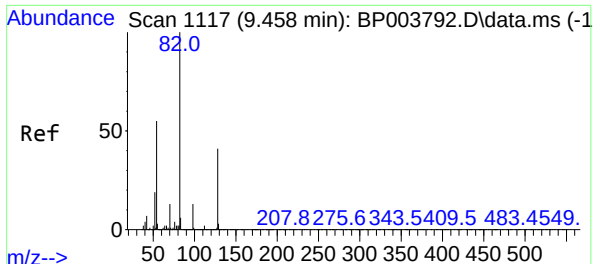
Tgt Ion: 99 Resp: 1388268
Ion Ratio Lower Upper
99 100
42 20.1 8.6 13.0#
71 36.1 23.4 35.2#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.099 min Scan# 1396
Delta R.T. -0.018 min
Lab File: BP004009.D
Acq: 19 Nov 2020 17:42

Tgt Ion: 136 Resp: 503246
Ion Ratio Lower Upper
136 100
137 11.3 8.6 13.0
54 9.8 3.6 5.4#
68 6.0 3.3 4.9#

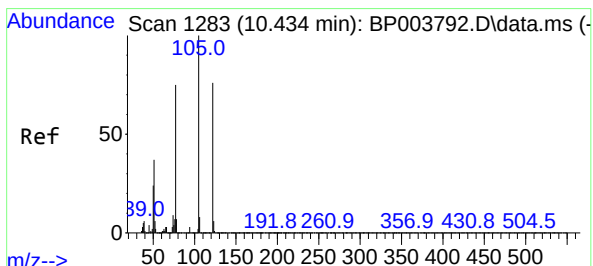
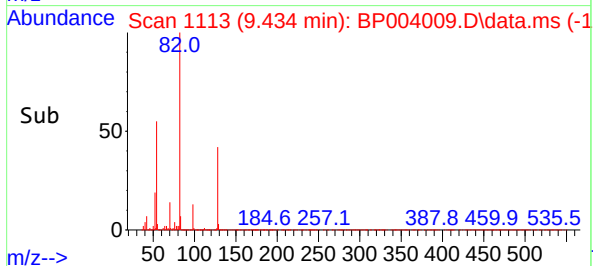
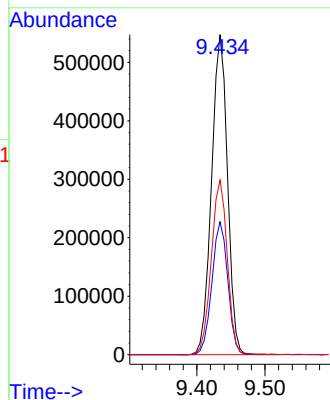
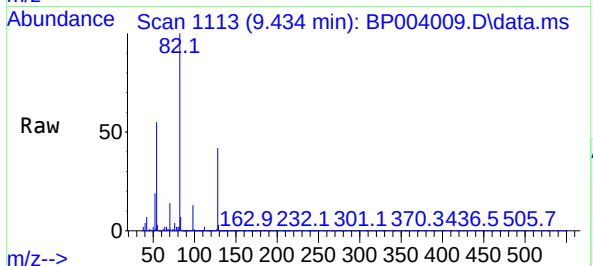




#23
Nitrobenzene-d5
Concen: 86.76 ng
RT: 9.434 min Scan# 1113
Delta R.T. -0.012 min
Lab File: BP004009.D
Acq: 19 Nov 2020 17:42

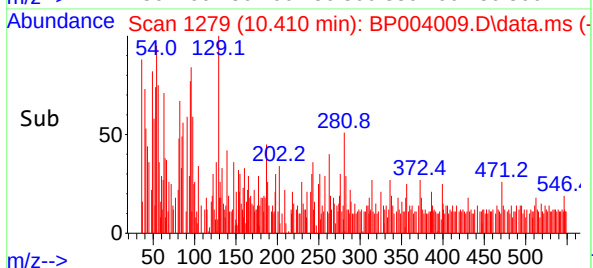
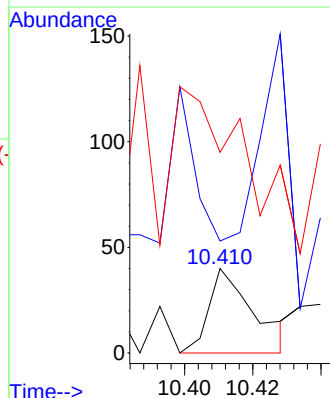
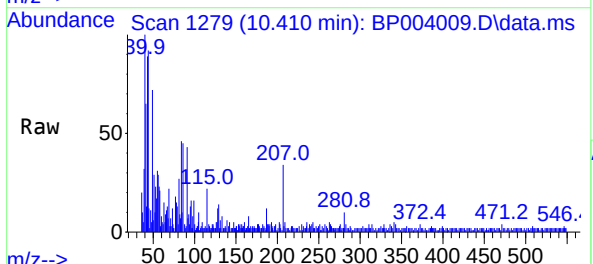
Instrument :
BNA_P
ClientSampleId :
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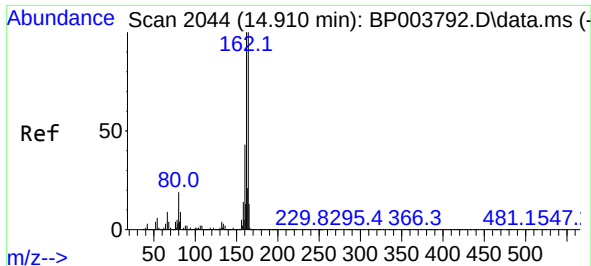
Tgt Ion: 82 Resp: 891554
Ion Ratio Lower Upper
82 100
128 41.5 45.6 68.4#
54 54.5 30.1 45.1#



#32
Benzoic acid
Concen: 8.31 ng
RT: 10.410 min Scan# 1279
Delta R.T. -0.029 min
Lab File: BP004009.D
Acq: 19 Nov 2020 17:42

Tgt Ion: 122 Resp: 37
Ion Ratio Lower Upper
122 100
105 132.5 94.1 134.1
77 237.5 50.1 90.1#

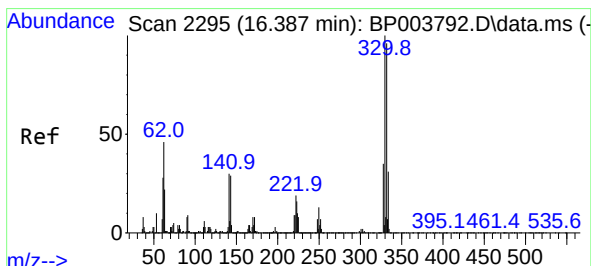
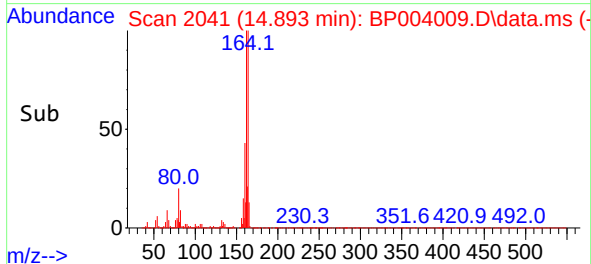
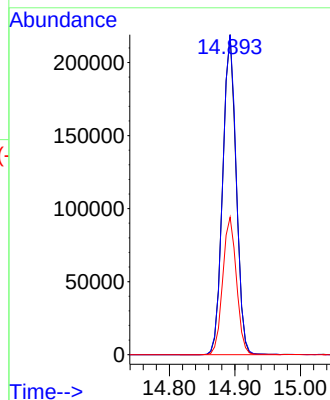
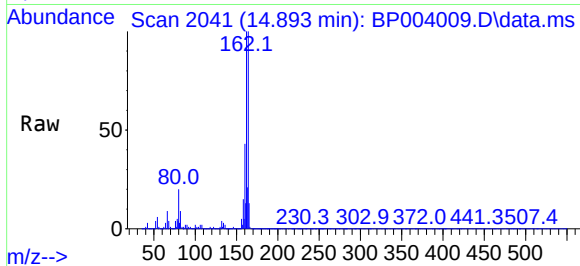




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.893 min Scan# 2041
Delta R.T. -0.018 min
Lab File: BP004009.D
Acq: 19 Nov 2020 17:42

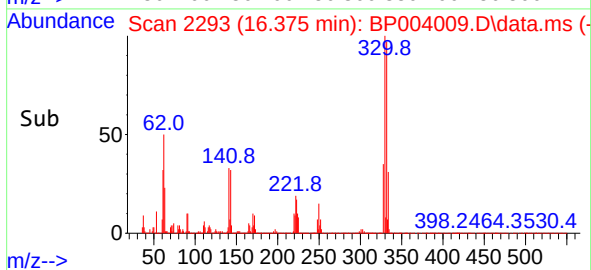
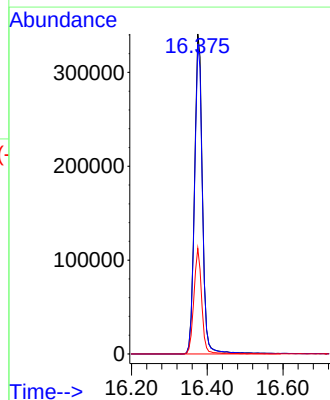
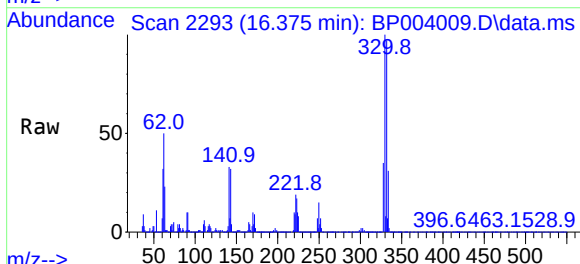
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ClientSampleId :
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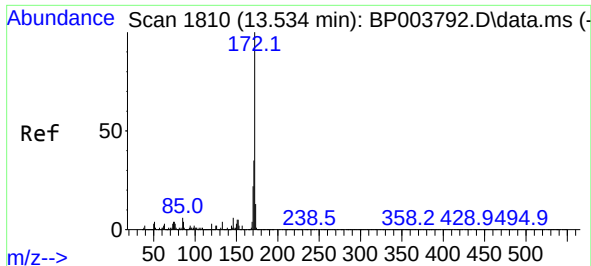
Tgt Ion:164 Resp: 310053
Ion Ratio Lower Upper
164 100
162 100.0 79.4 119.2
160 43.0 36.1 54.1



#42
2,4,6-Tribromophenol
Concen: 128.92 ng
RT: 16.375 min Scan# 2293
Delta R.T. -0.018 min
Lab File: BP004009.D
Acq: 19 Nov 2020 17:42

Tgt Ion:330 Resp: 499933
Ion Ratio Lower Upper
330 100
332 96.4 77.1 115.7
141 32.0 23.4 35.2

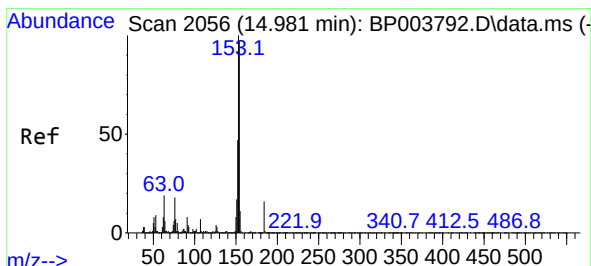
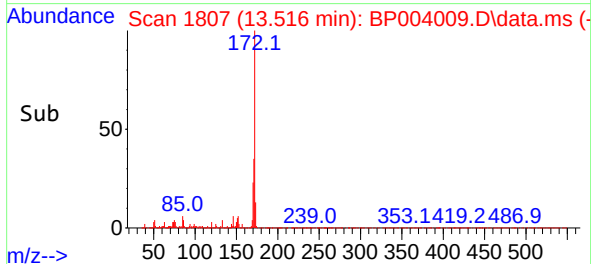
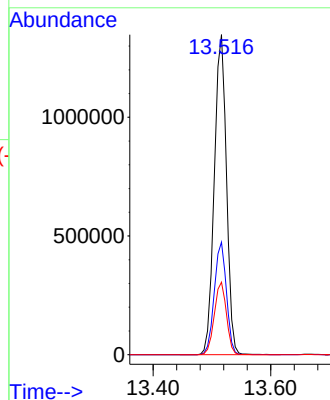
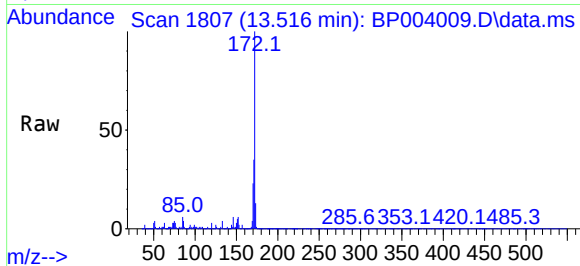




#45
2-Fluorobiphenyl
Concen: 87.28 ng
RT: 13.516 min Scan# 1807
Delta R.T. -0.012 min
Lab File: BP004009.D
Acq: 19 Nov 2020 17:42

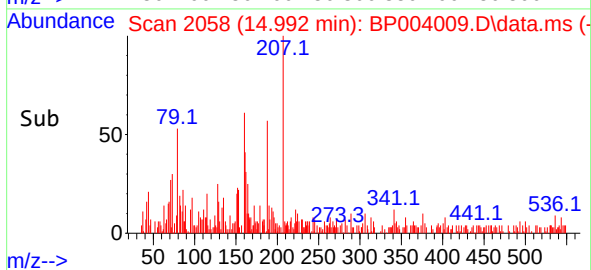
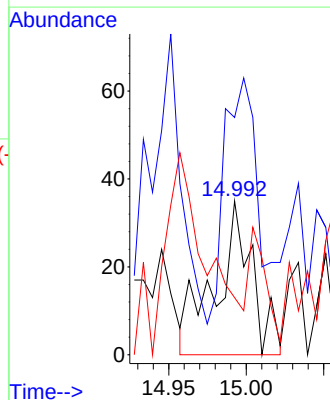
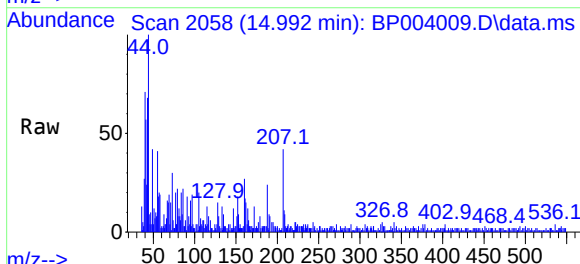
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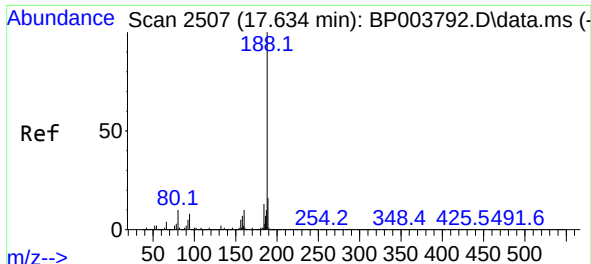
Tgt Ion:172 Resp: 1935607
Ion Ratio Lower Upper
172 100
171 35.1 28.5 42.7
170 22.7 19.2 28.8



#54
2,4-Dinitrophenol
Concen: 2.76 ng
RT: 14.992 min Scan# 2058
Delta R.T. -0.006 min
Lab File: BP004009.D
Acq: 19 Nov 2020 17:42

Tgt Ion:184 Resp: 57
Ion Ratio Lower Upper
184 100
63 191.4 32.3 48.5#
154 37.1 49.1 73.7#

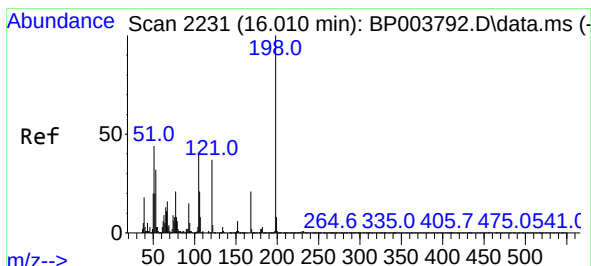
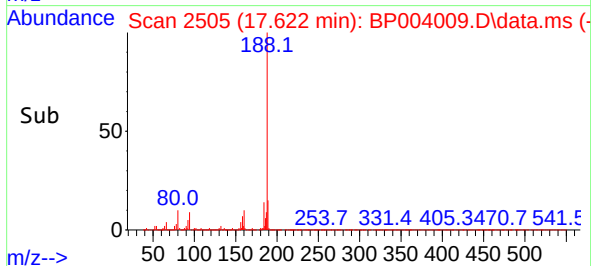
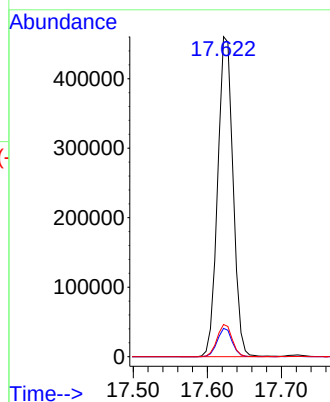
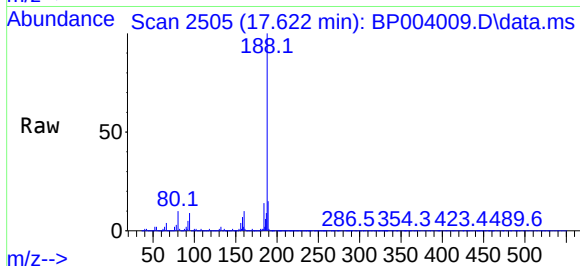




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.622 min Scan# 2505
Delta R.T. -0.018 min
Lab File: BP004009.D
Acq: 19 Nov 2020 17:42

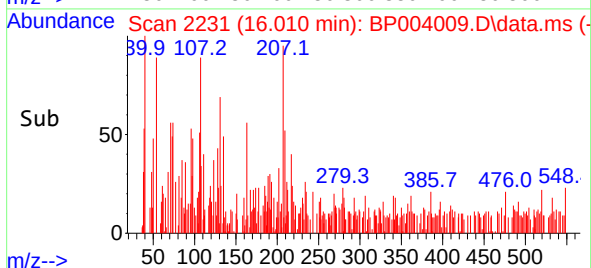
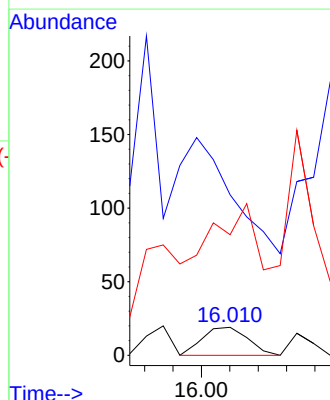
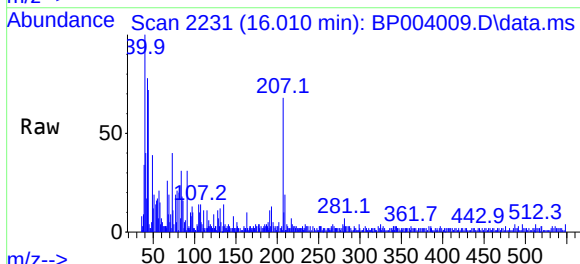
Instrument :
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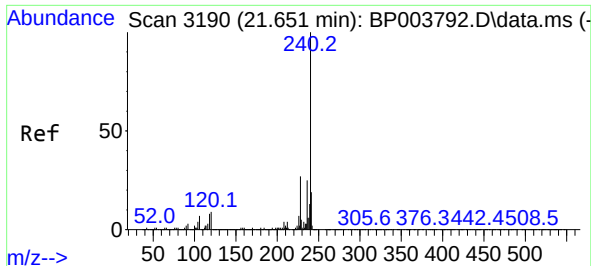
Tgt Ion:188 Resp: 662704
Ion Ratio Lower Upper
188 100
94 8.8 6.2 9.2
80 10.1 6.2 9.2#



#65
4,6-Dinitro-2-methylphenol
Concen: 6.35 ng
RT: 16.010 min Scan# 2231
Delta R.T. -0.012 min
Lab File: BP004009.D
Acq: 19 Nov 2020 17:42

Tgt Ion:198 Resp: 21
Ion Ratio Lower Upper
198 100
51 573.7 6.4 46.4#
105 431.6 18.9 58.9#

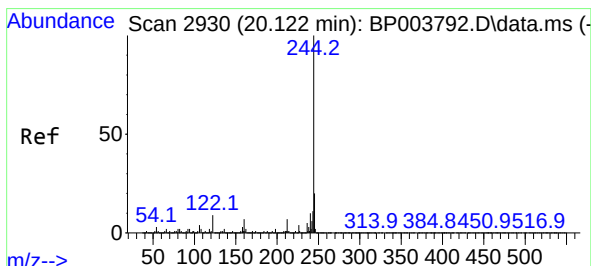
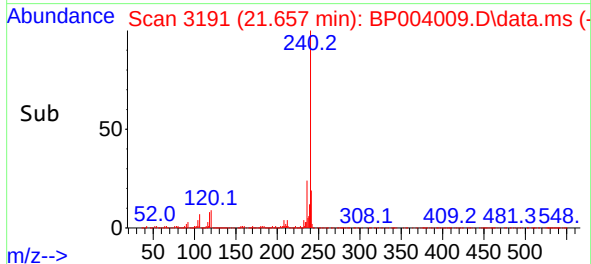
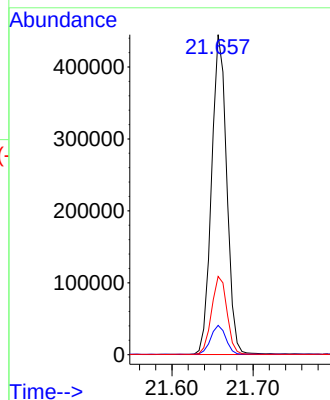
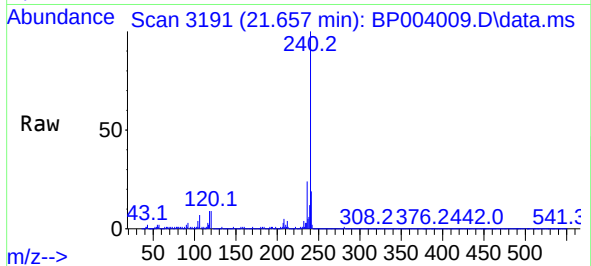




#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.657 min Scan# 3191
Delta R.T. -0.018 min
Lab File: BP004009.D
Acq: 19 Nov 2020 17:42

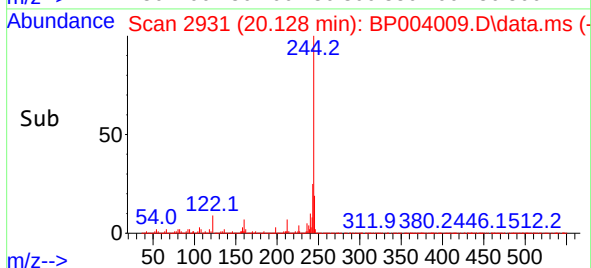
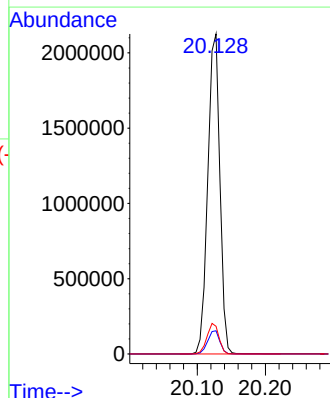
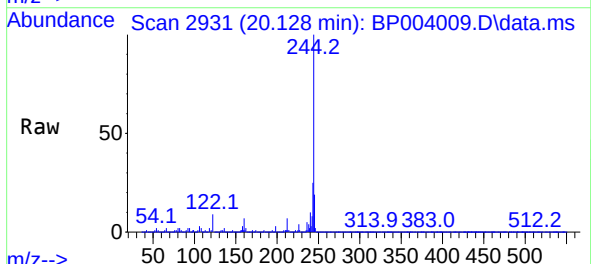
Instrument :
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PB133118BL

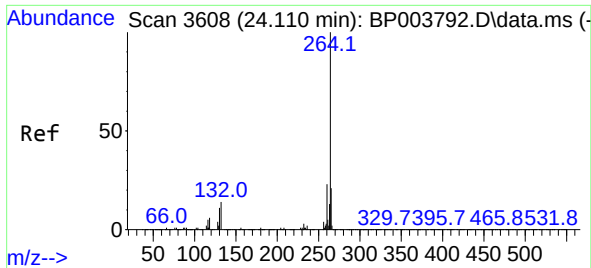
Tgt Ion:240 Resp: 576102
Ion Ratio Lower Upper
240 100
120 9.2 7.8 11.6
236 24.5 20.8 31.2



#79
Terphenyl-d14
Concen: 87.92 ng
RT: 20.128 min Scan# 2931
Delta R.T. -0.006 min
Lab File: BP004009.D
Acq: 19 Nov 2020 17:42

Tgt Ion:244 Resp: 2621695
Ion Ratio Lower Upper
244 100
212 7.3 5.8 8.6
122 8.7 7.8 11.8





#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 24.133 min Scan# 3612
 Delta R.T. -0.023 min
 Lab File: BP004009.D
 Acq: 19 Nov 2020 17:42

Instrument :
 BNA_P
 ClientSampleId :
 PB133118BL

Tgt Ion:264 Resp: 579670
 Ion Ratio Lower Upper
 264 100
 260 23.2 18.8 28.2
 265 21.5 17.4 26.2

