

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111920\
 Data File : BP004008.D
 Acq On : 19 Nov 2020 17:08
 Operator : CG/JU
 Sample : PB133123BL
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB133123BL

Quant Time: Nov 19 17:44:55 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)

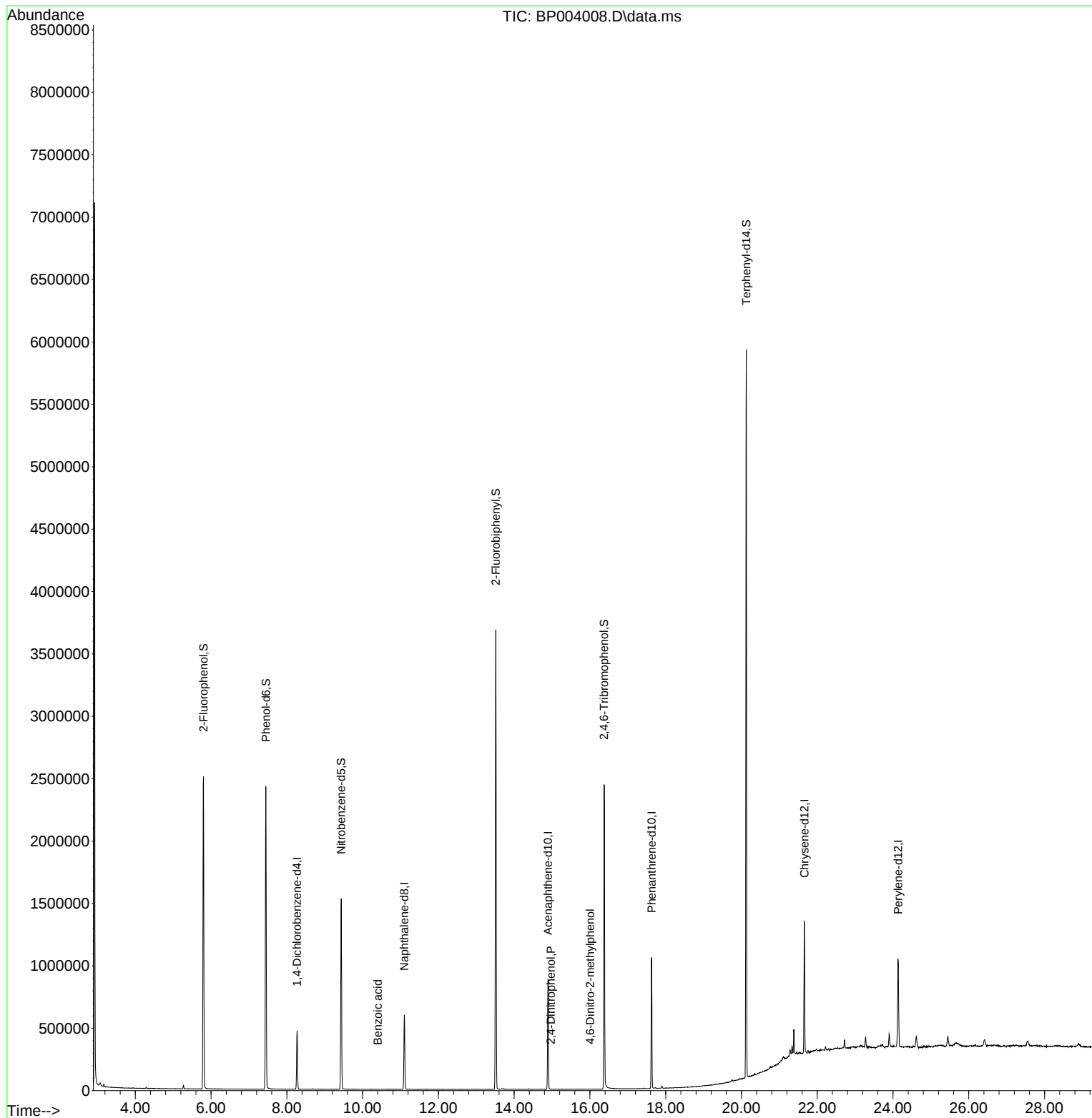
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.269	152	123926	20.00	ng	-0.01
21) Naphthalene-d8	11.099	136	472495	20.00	ng	#-0.02
39) Acenaphthene-d10	14.893	164	294657	20.00	ng	-0.02
64) Phenanthrene-d10	17.628	188	625333	20.00	ng	#-0.01
76) Chrysene-d12	21.663	240	539761	20.00	ng	-0.01
86) Perylene-d12	24.133	264	550970	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.799	112	1031676	138.94	ng	0.00
7) Phenol-d6	7.446	99	1317739	123.63	ng	0.00
23) Nitrobenzene-d5	9.434	82	845484	87.64	ng	-0.01
42) 2,4,6-Tribromophenol	16.375	330	462830	125.58	ng	-0.02
45) 2-Fluorobiphenyl	13.516	172	1820410	86.37	ng	-0.01
79) Terphenyl-d14	20.128	244	2462587	88.14	ng	0.00
Target Compounds						
9) Benzaldehyde	7.381	77	290	Below Cal	#	16
32) Benzoic acid	10.399	122	46	8.31	ng	# 63
54) 2,4-Dinitrophenol	14.969	184	24	2.74	ng	# 1
65) 4,6-Dinitro-2-methylph...	16.010	198	24	6.35	ng	# 1

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

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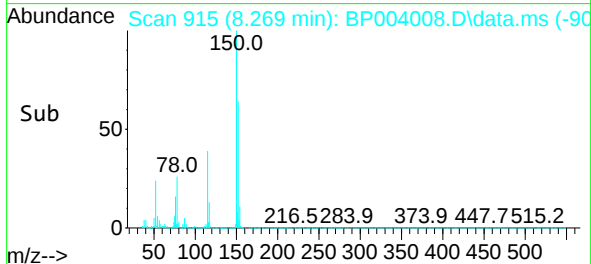
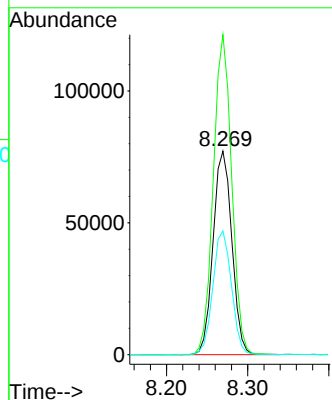
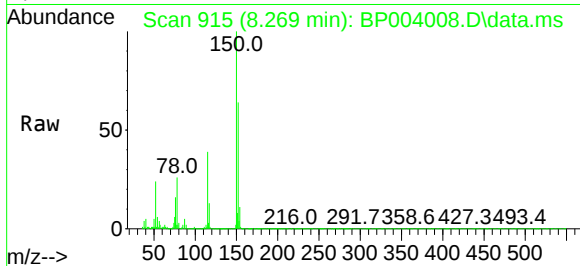




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.269 min Scan# 915
Delta R.T. -0.012 min
Lab File: BP004008.D
Acq: 19 Nov 2020 17:08

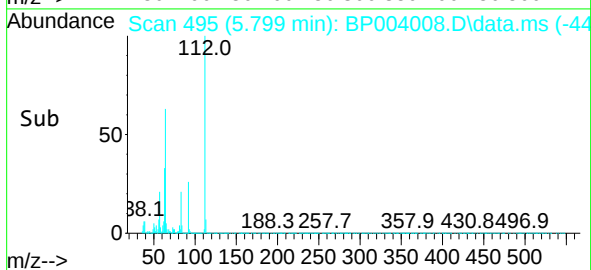
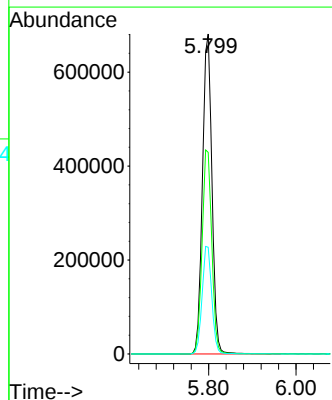
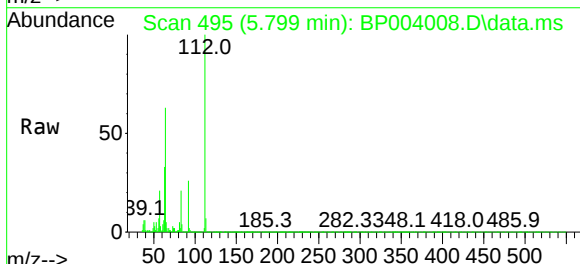
Instrument :
BNA_P
ClientSampleId :
PB133123BL

Tgt Ion:152 Resp: 123926
Ion Ratio Lower Upper
152 100
150 157.3 123.8 185.6
115 60.8 43.8 65.6



#5
2-Fluorophenol
Concen: 138.94 ng
RT: 5.799 min Scan# 495
Delta R.T. -0.006 min
Lab File: BP004008.D
Acq: 19 Nov 2020 17:08

Tgt Ion:112 Resp: 1031676
Ion Ratio Lower Upper
112 100
64 63.0 32.8 49.2#
63 33.4 17.0 25.4#

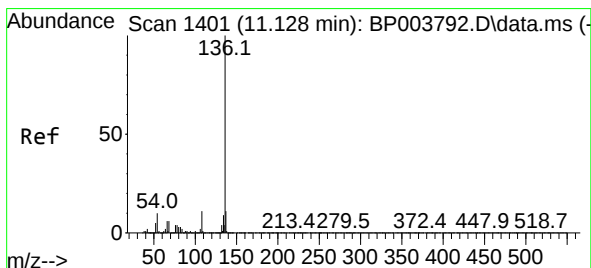
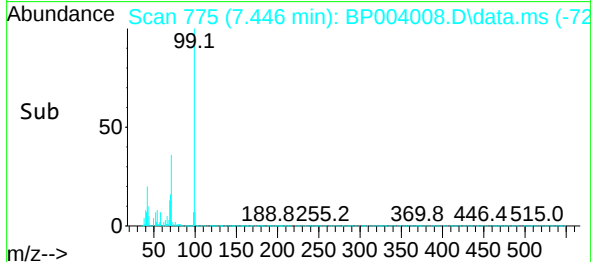
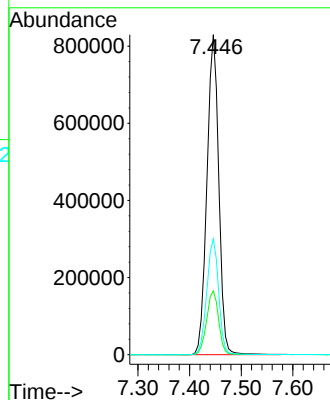
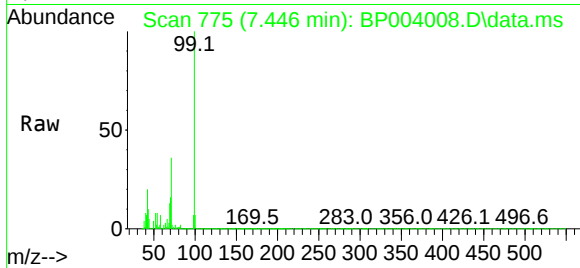




#7
Phenol-d6
Concen: 123.63 ng
RT: 7.446 min Scan# 775
Delta R.T. -0.006 min
Lab File: BP004008.D
Acq: 19 Nov 2020 17:08

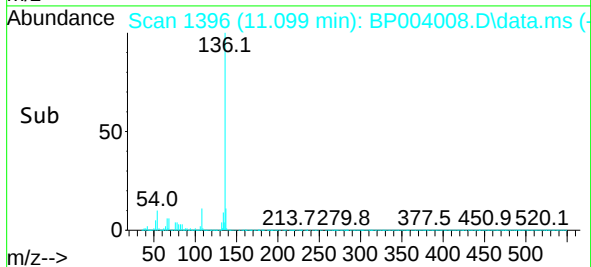
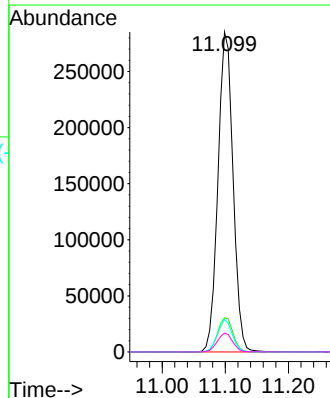
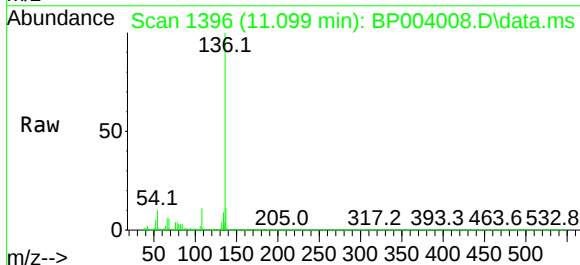
Instrument :
BNA_P
ClientSampleId :
PB133123BL

Tgt Ion: 99 Resp: 1317739
Ion Ratio Lower Upper
99 100
42 19.9 8.6 13.0#
71 36.2 23.4 35.2#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.099 min Scan# 1396
Delta R.T. -0.017 min
Lab File: BP004008.D
Acq: 19 Nov 2020 17:08

Tgt Ion: 136 Resp: 472495
Ion Ratio Lower Upper
136 100
137 10.7 8.6 13.0
54 10.1 3.6 5.4#
68 5.9 3.3 4.9#

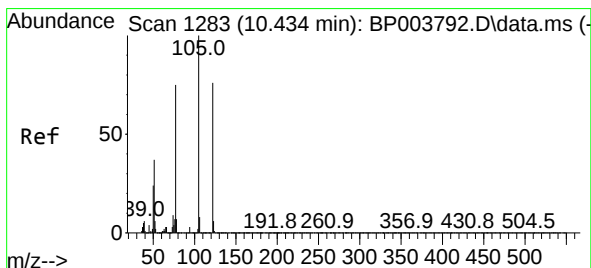
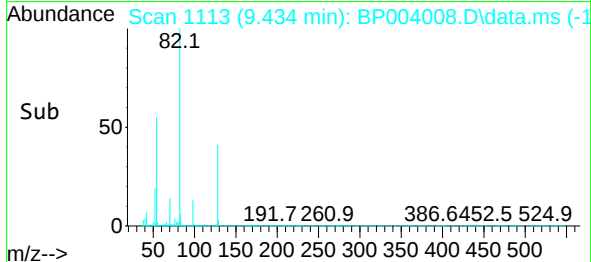
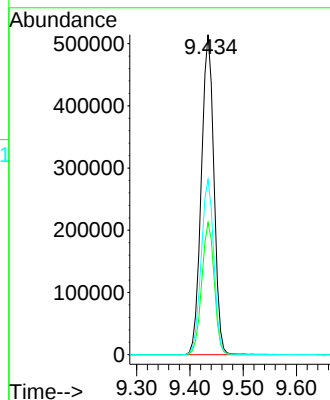
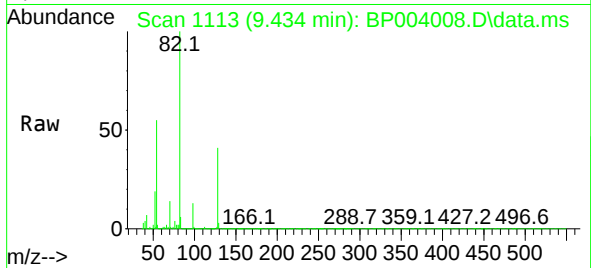




#23
Nitrobenzene-d5
Concen: 87.64 ng
RT: 9.434 min Scan# 1113
Delta R.T. -0.012 min
Lab File: BP004008.D
Acq: 19 Nov 2020 17:08

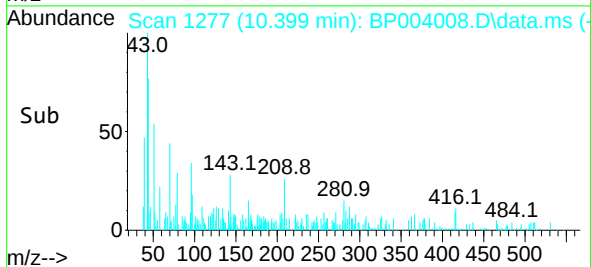
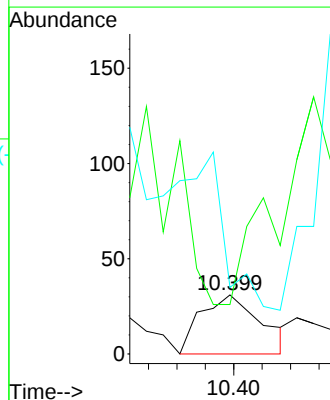
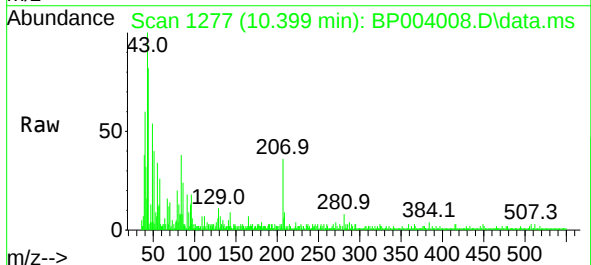
Instrument :
BNA_P
ClientSampleId :
PB133123BL

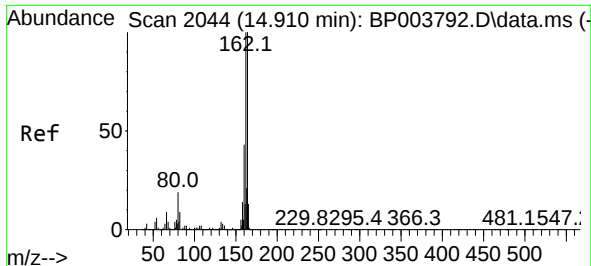
Tgt Ion: 82 Resp: 845484
Ion Ratio Lower Upper
82 100
128 41.3 45.6 68.4#
54 54.8 30.1 45.1#



#32
Benzoic acid
Concen: 8.31 ng
RT: 10.399 min Scan# 1277
Delta R.T. -0.041 min
Lab File: BP004008.D
Acq: 19 Nov 2020 17:08

Tgt Ion: 122 Resp: 46
Ion Ratio Lower Upper
122 100
105 83.9 94.1 134.1#
77 112.9 50.1 90.1#

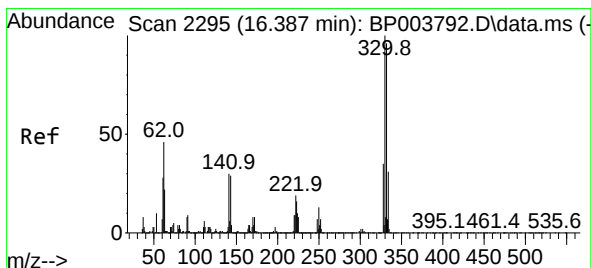
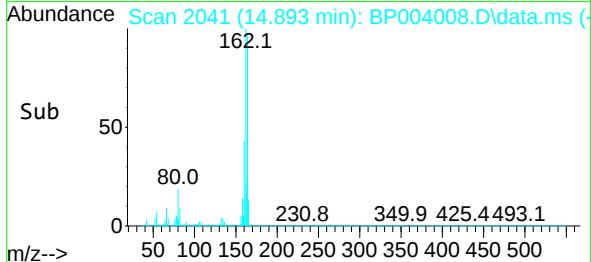
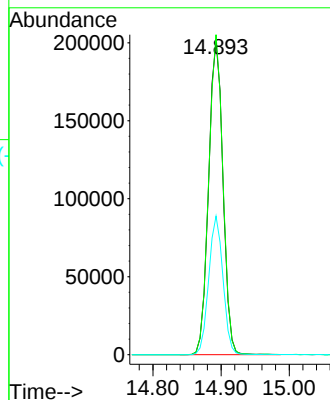
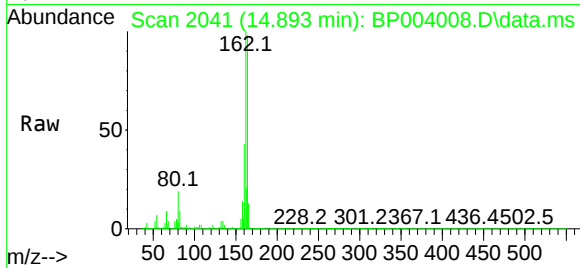




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.893 min Scan# 2041
Delta R.T. -0.017 min
Lab File: BP004008.D
Acq: 19 Nov 2020 17:08

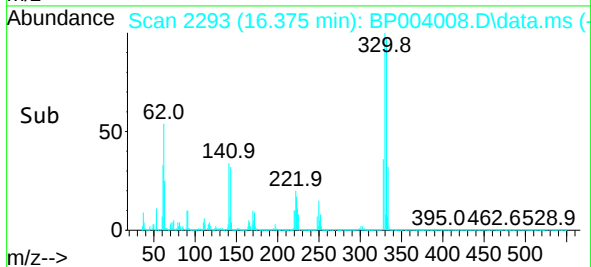
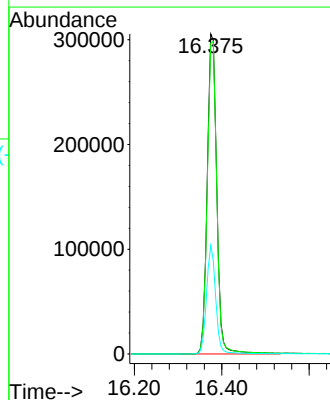
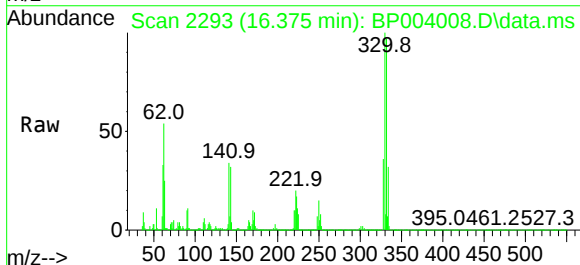
Instrument :
BNA_P
ClientSampleId :
PB133123BL

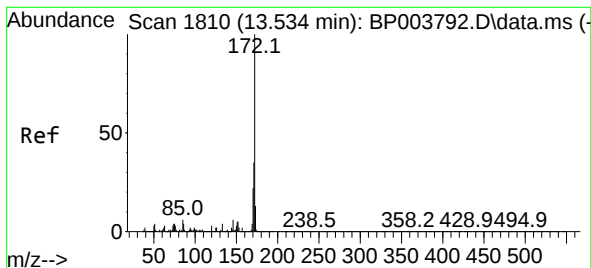
Tgt Ion:164 Resp: 294657
Ion Ratio Lower Upper
164 100
162 102.1 79.4 119.2
160 44.2 36.1 54.1



#42
2,4,6-Tribromophenol
Concen: 125.58 ng
RT: 16.375 min Scan# 2293
Delta R.T. -0.017 min
Lab File: BP004008.D
Acq: 19 Nov 2020 17:08

Tgt Ion:330 Resp: 462830
Ion Ratio Lower Upper
330 100
332 97.9 77.1 115.7
141 32.7 23.4 35.2





#45

2-Fluorobiphenyl

Concen: 86.37 ng

RT: 13.516 min Scan# 1807

Delta R.T. -0.012 min

Lab File: BP004008.D

Acq: 19 Nov 2020 17:08

Tgt Ion:172 Resp: 1820410

Ion Ratio Lower Upper

172 100

171 35.3 28.5 42.7

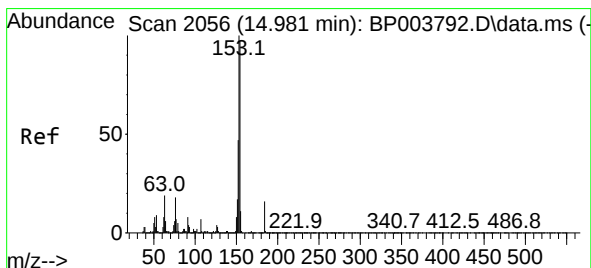
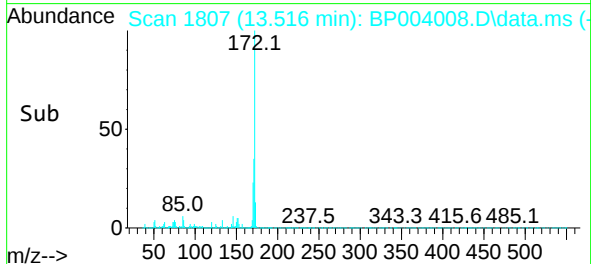
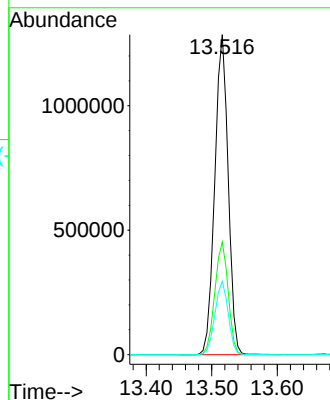
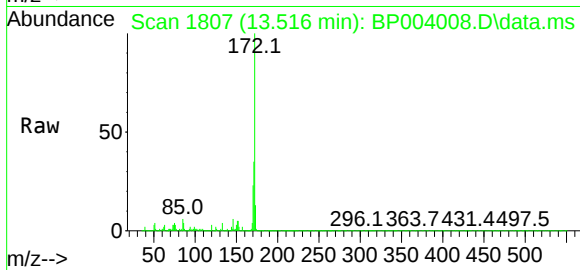
170 22.9 19.2 28.8

Instrument :

BNA_P

ClientSampleId :

PB133123BL



#54

2,4-Dinitrophenol

Concen: 2.74 ng

RT: 14.969 min Scan# 2054

Delta R.T. -0.029 min

Lab File: BP004008.D

Acq: 19 Nov 2020 17:08

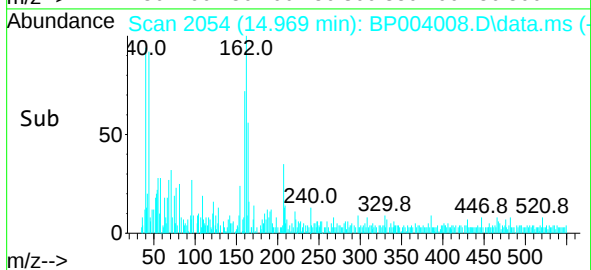
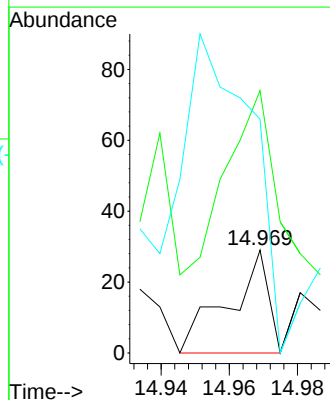
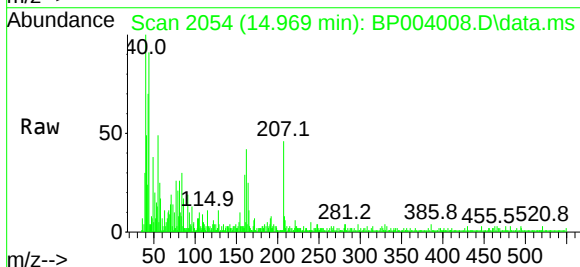
Tgt Ion:184 Resp: 24

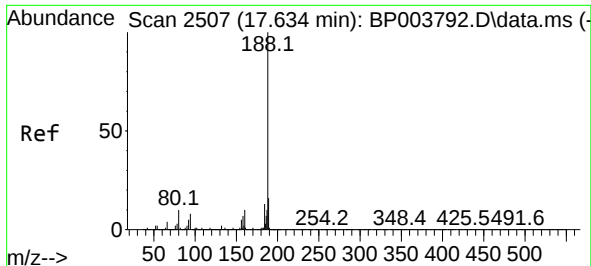
Ion Ratio Lower Upper

184 100

63 255.2 32.3 48.5#

154 227.6 49.1 73.7#

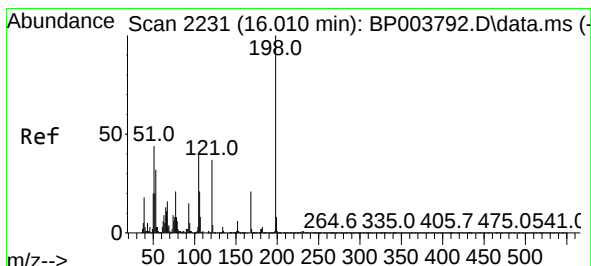
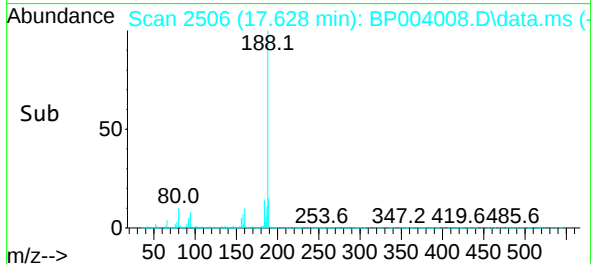
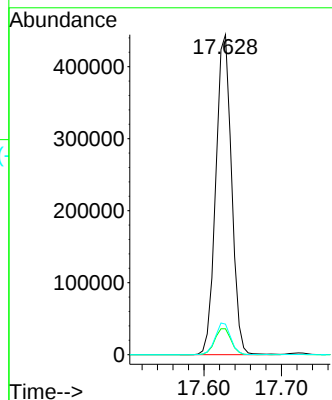
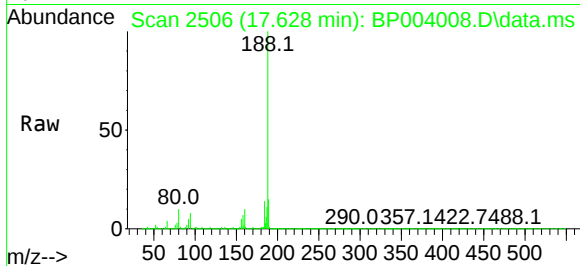




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.628 min Scan# 2506
Delta R.T. -0.012 min
Lab File: BP004008.D
Acq: 19 Nov 2020 17:08

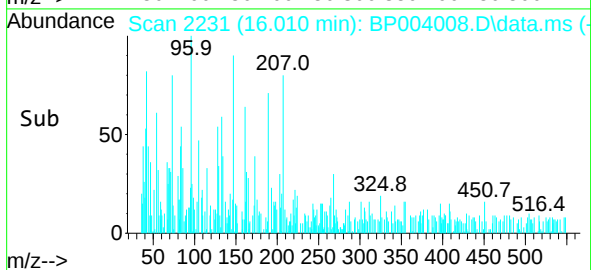
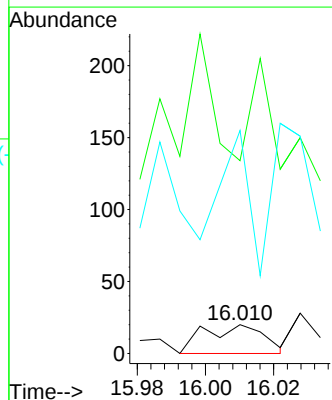
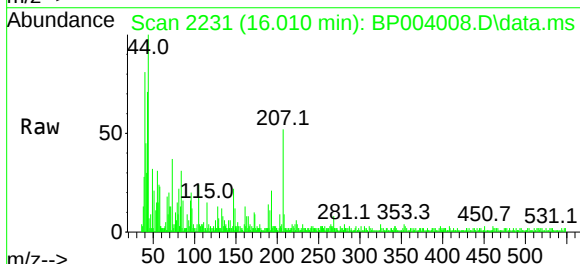
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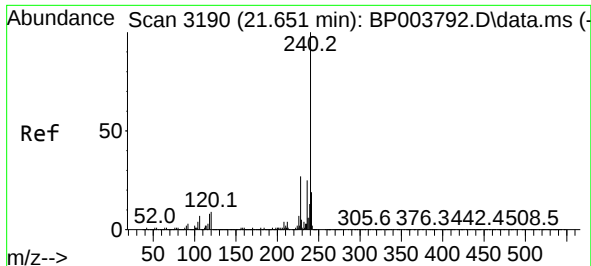
Tgt Ion:188 Resp: 625333
Ion Ratio Lower Upper
188 100
94 8.1 6.2 9.2
80 9.5 6.2 9.2#



#65
4,6-Dinitro-2-methylphenol
Concen: 6.35 ng
RT: 16.010 min Scan# 2231
Delta R.T. -0.012 min
Lab File: BP004008.D
Acq: 19 Nov 2020 17:08

Tgt Ion:198 Resp: 24
Ion Ratio Lower Upper
198 100
51 670.0 6.4 46.4#
105 775.0 18.9 58.9#

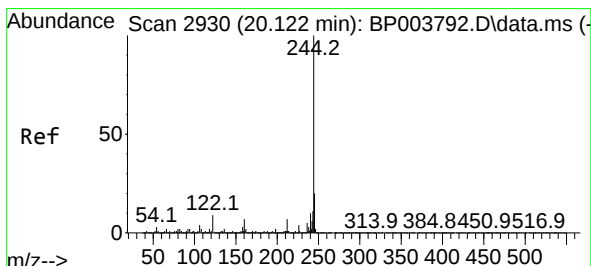
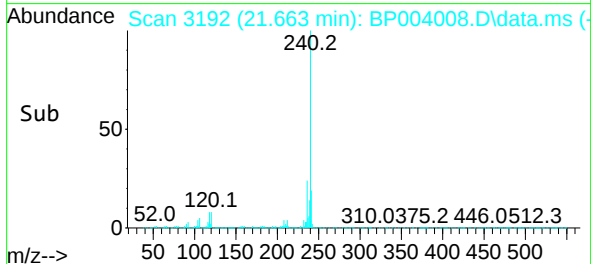
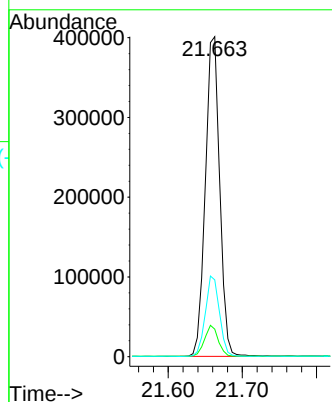
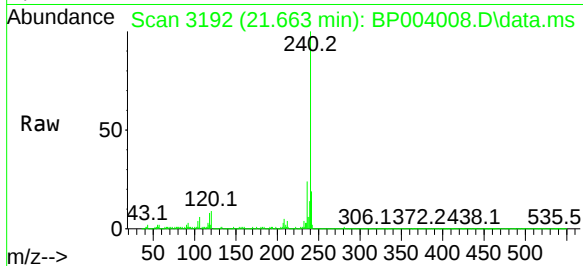




#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.663 min Scan# 3192
Delta R.T. -0.012 min
Lab File: BP004008.D
Acq: 19 Nov 2020 17:08

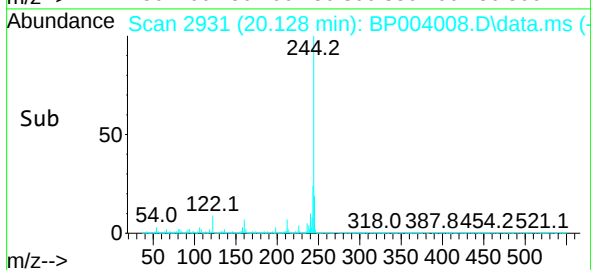
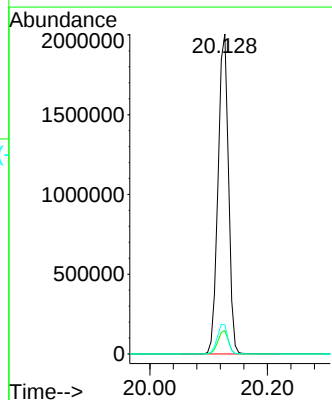
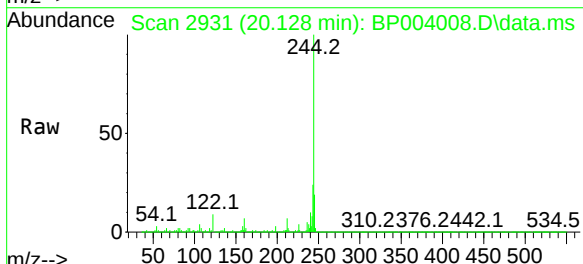
Instrument :
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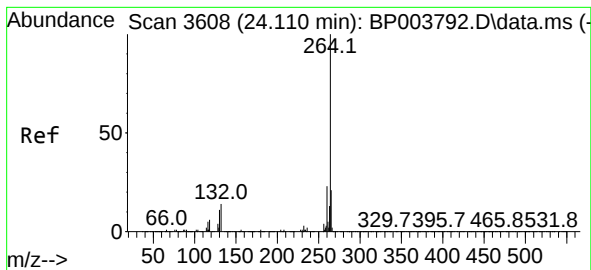
Tgt Ion:240 Resp: 539761
Ion Ratio Lower Upper
240 100
120 8.6 7.8 11.6
236 24.0 20.8 31.2



#79
Terphenyl-d14
Concen: 88.14 ng
RT: 20.128 min Scan# 2931
Delta R.T. -0.006 min
Lab File: BP004008.D
Acq: 19 Nov 2020 17:08

Tgt Ion:244 Resp: 2462587
Ion Ratio Lower Upper
244 100
212 7.3 5.8 8.6
122 9.1 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: BP004008.D

Acq: 19 Nov 2020 17:08

Instrument :

BNA_P

ClientSampleId :

PB133123BL

Tgt Ion:264 Resp: 550970

Ion Ratio Lower Upper

264 100

260 23.3 18.8 28.2

265 21.5 17.4 26.2

