

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP113020\
 Data File : BP004111.D
 Acq On : 30 Nov 2020 14:00
 Operator : CG/JU
 Sample : PB133301BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB133301BL

Quant Time: Nov 30 14:35:09 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 16:42:41 2020
 Response via : Initial Calibration

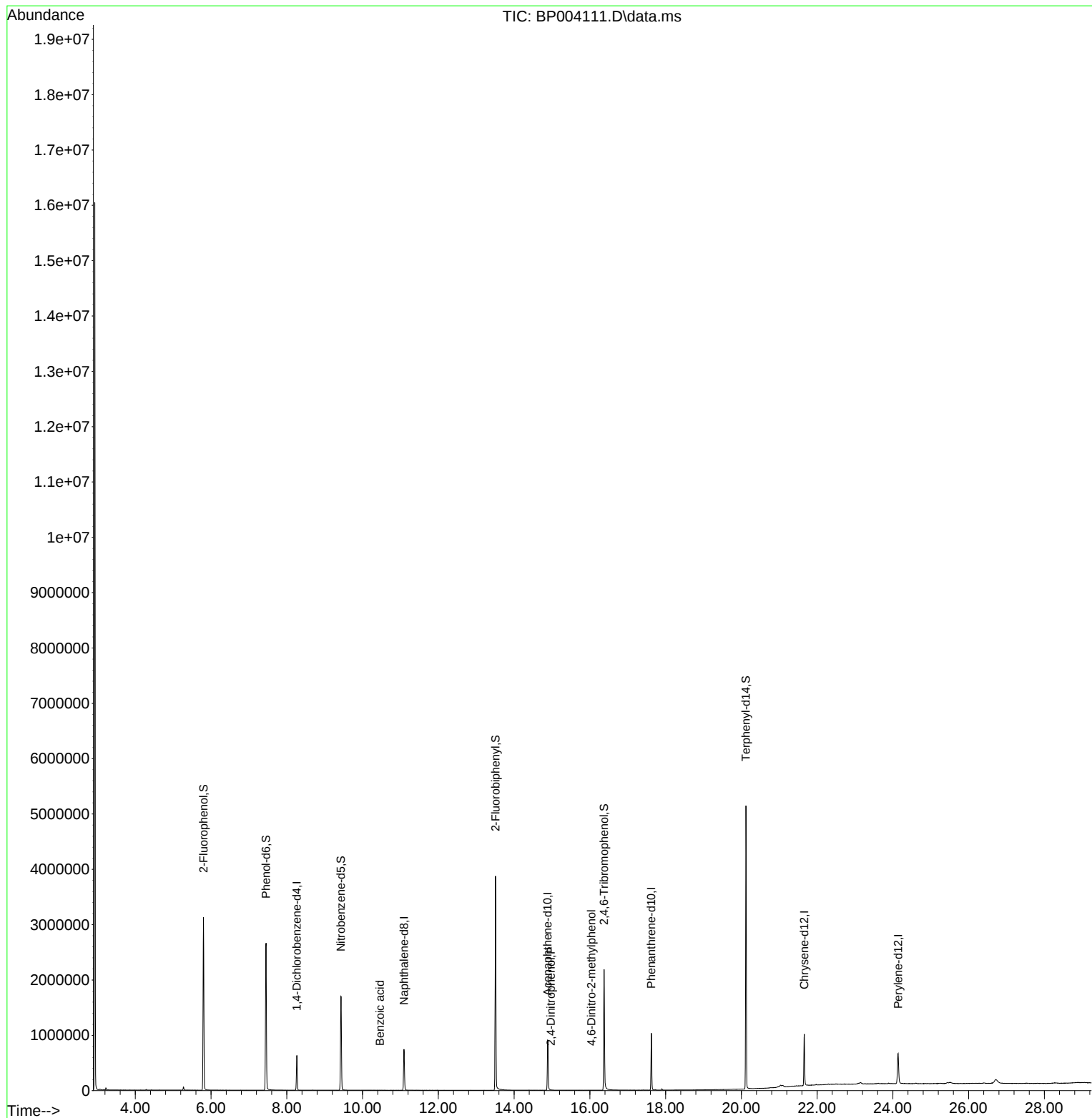
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.263	152	164097	20.00	ng	0.00
21) Naphthalene-d8	11.093	136	606769	20.00	ng	# 0.00
39) Acenaphthene-d10	14.887	164	335711	20.00	ng	0.00
64) Phenanthrene-d10	17.622	188	635103	20.00	ng	# 0.00
76) Chrysene-d12	21.663	240	504178	20.00	ng	0.00
86) Perylene-d12	24.139	264	478774	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.799	112	1240139	126.13	ng	0.00
7) Phenol-d6	7.452	99	1518510	107.59	ng	0.00
23) Nitrobenzene-d5	9.428	82	990446	79.94	ng	0.00
42) 2,4,6-Tribromophenol	16.375	330	445329	106.06	ng	0.00
45) 2-Fluorobiphenyl	13.510	172	2017017	84.00	ng	0.00
79) Terphenyl-d14	20.122	244	2165623	82.98	ng	0.00
Target Compounds						
9) Benzaldehyde	7.375	77	152	Below Cal	#	16
32) Benzoic acid	10.457	122	19	8.31	ng	# 79
54) 2,4-Dinitrophenol	14.969	184	22	2.74	ng	# 1
65) 4,6-Dinitro-2-methylph...	16.039	198	13	6.35	ng	# 1

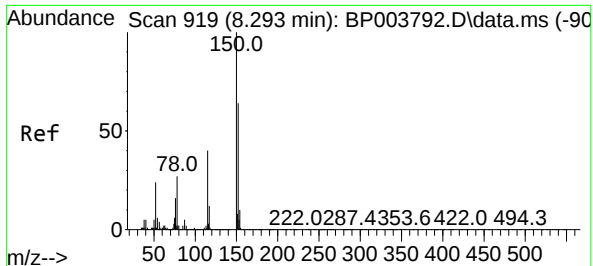
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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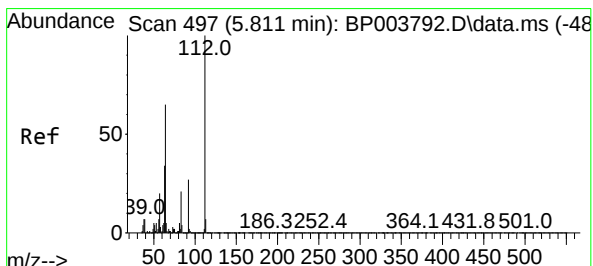
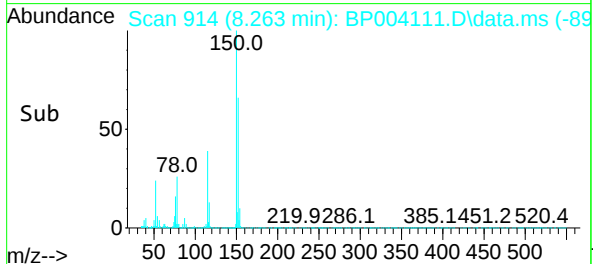
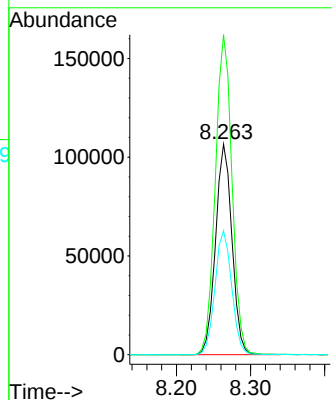
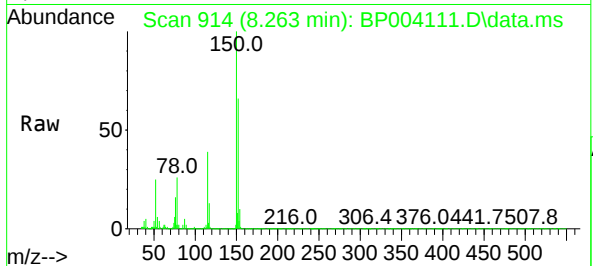




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.263 min Scan# 914
Delta R.T. -0.006 min
Lab File: BP004111.D
Acq: 30 Nov 2020 14:00

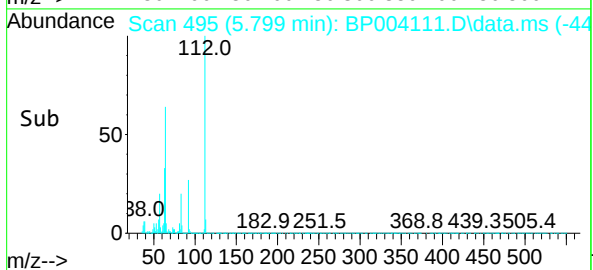
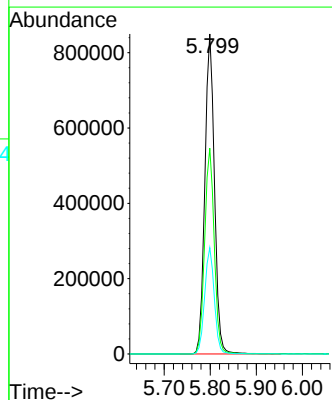
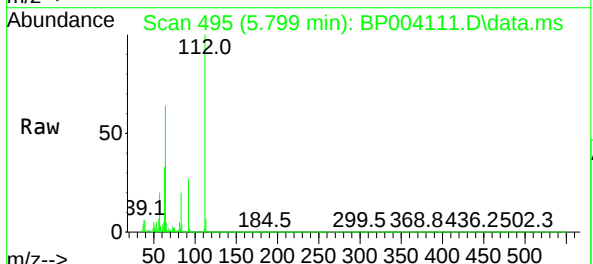
Instrument :
BNA_P
ClientSampleId :
PB133301BL

Tgt Ion:152 Resp: 164097
Ion Ratio Lower Upper
152 100
150 152.0 123.8 185.6
115 58.8 43.8 65.6



#5
2-Fluorophenol
Concen: 126.13 ng
RT: 5.799 min Scan# 495
Delta R.T. -0.006 min
Lab File: BP004111.D
Acq: 30 Nov 2020 14:00

Tgt Ion:112 Resp: 1240139
Ion Ratio Lower Upper
112 100
64 64.3 32.8 49.2#
63 33.2 17.0 25.4#

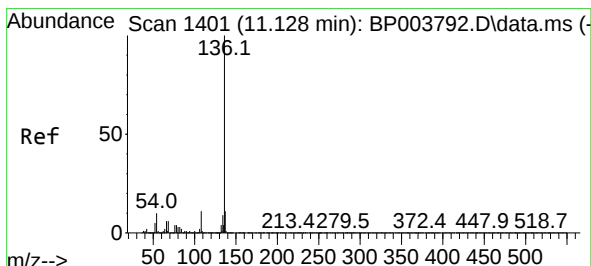
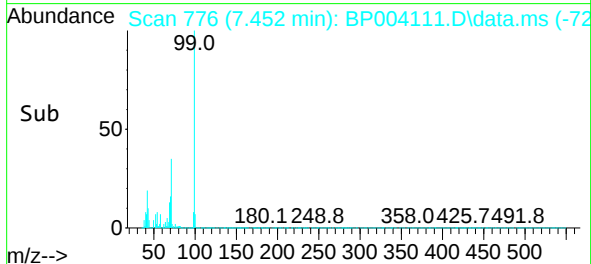
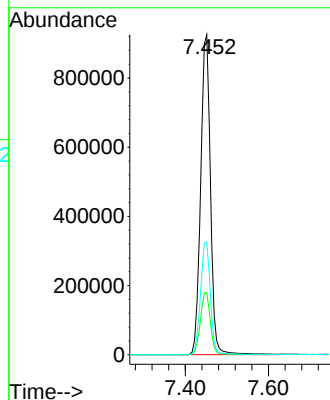
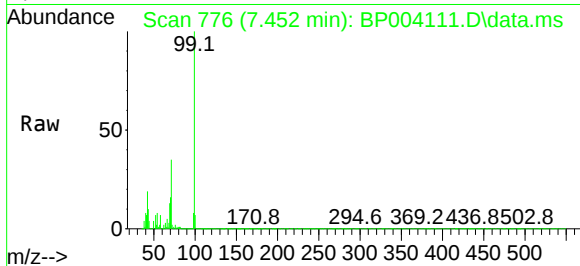




#7
Phenol-d6
Concen: 107.59 ng
RT: 7.452 min Scan# 776
Delta R.T. 0.000 min
Lab File: BP004111.D
Acq: 30 Nov 2020 14:00

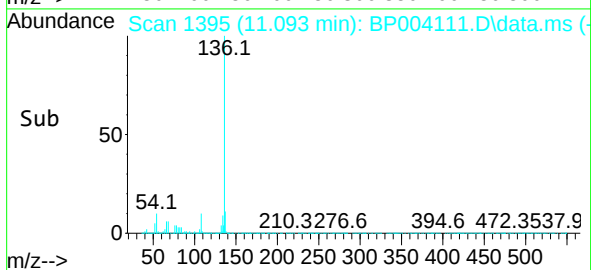
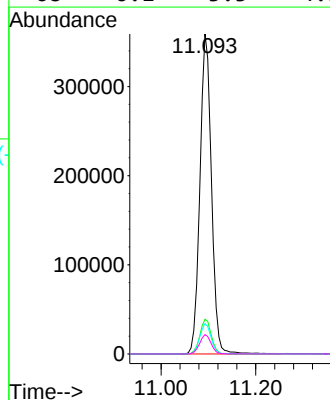
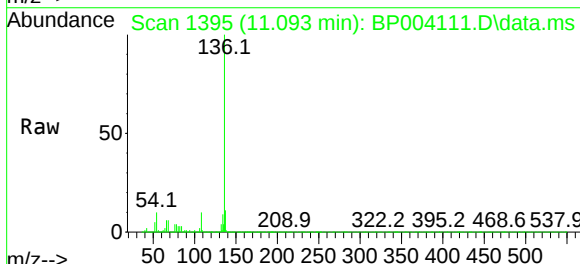
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BNA_P
ClientSampleId :
PB133301BL

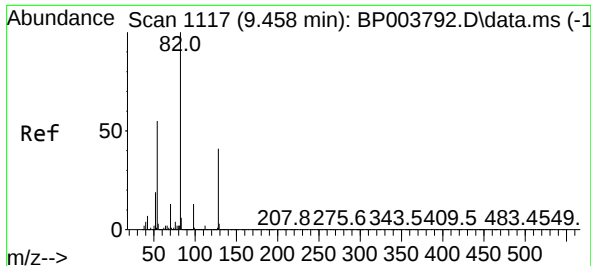
Tgt Ion: 99 Resp: 1518510
Ion Ratio Lower Upper
99 100
42 19.4 8.6 13.0#
71 35.2 23.4 35.2#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.093 min Scan# 1395
Delta R.T. -0.006 min
Lab File: BP004111.D
Acq: 30 Nov 2020 14:00

Tgt Ion: 136 Resp: 606769
Ion Ratio Lower Upper
136 100
137 10.8 8.6 13.0
54 9.5 3.6 5.4#
68 6.1 3.3 4.9#

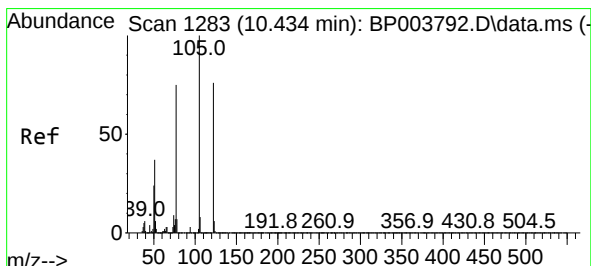
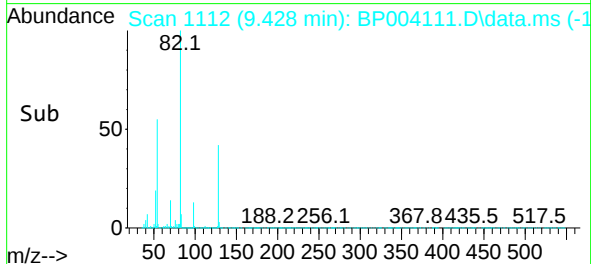
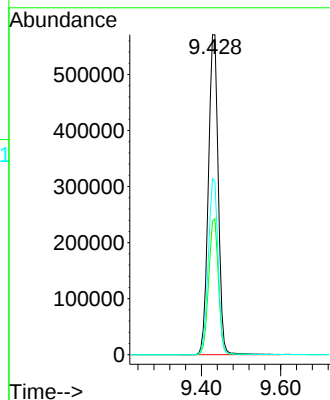
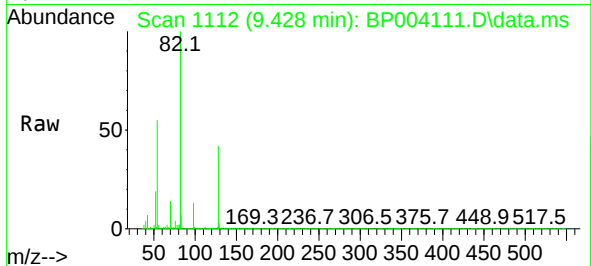




#23
Nitrobenzene-d5
Concen: 79.94 ng
RT: 9.428 min Scan# 1112
Delta R.T. -0.006 min
Lab File: BP004111.D
Acq: 30 Nov 2020 14:00

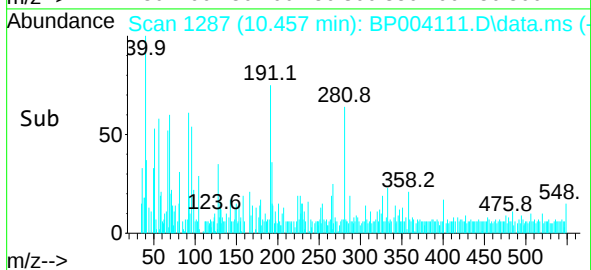
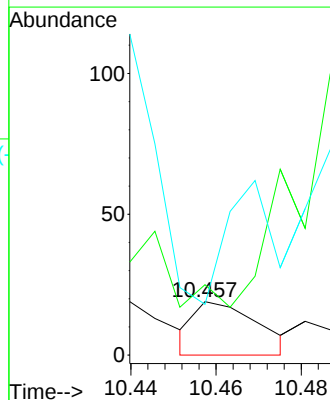
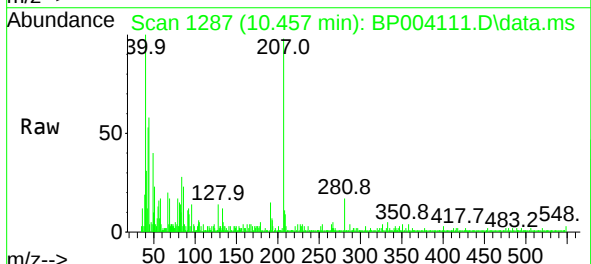
Instrument :
BNA_P
ClientSampleId :
PB133301BL

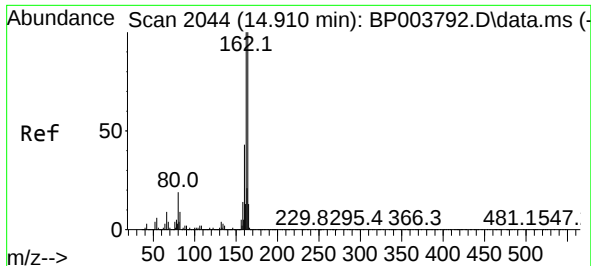
Tgt Ion: 82 Resp: 990446
Ion Ratio Lower Upper
82 100
128 41.8 45.6 68.4#
54 55.0 30.1 45.1#



#32
Benzoic acid
Concen: 8.31 ng
RT: 10.457 min Scan# 1287
Delta R.T. 0.000 min
Lab File: BP004111.D
Acq: 30 Nov 2020 14:00

Tgt Ion: 122 Resp: 19
Ion Ratio Lower Upper
122 100
105 131.6 94.1 134.1
77 94.7 50.1 90.1#

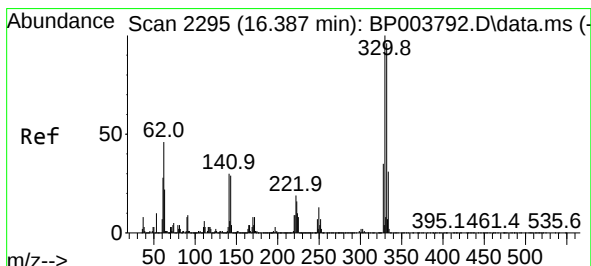
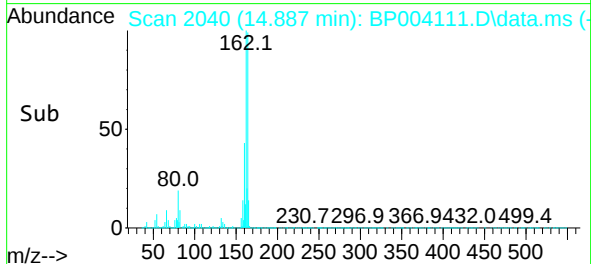
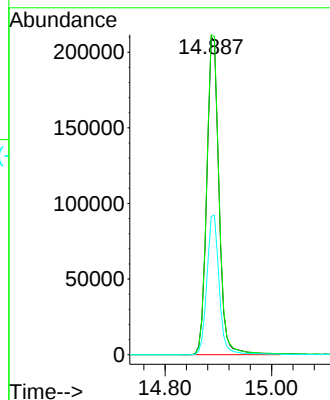
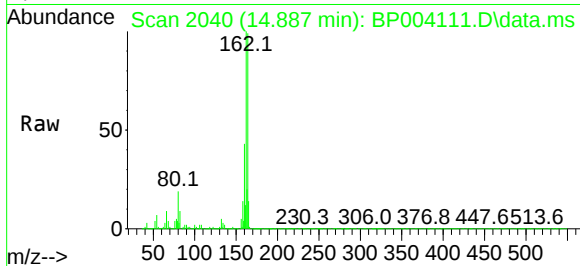




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.887 min Scan# 2040
Delta R.T. -0.006 min
Lab File: BP004111.D
Acq: 30 Nov 2020 14:00

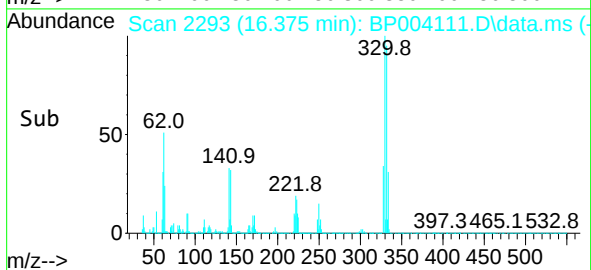
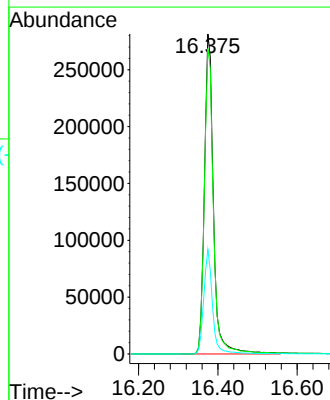
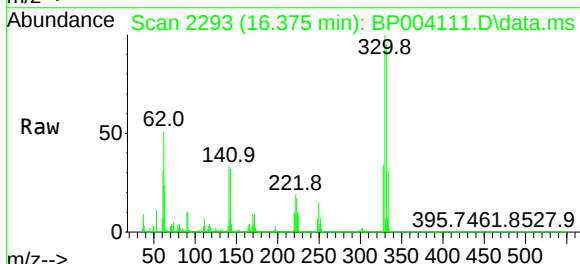
Instrument :
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ClientSampleId :
PB133301BL

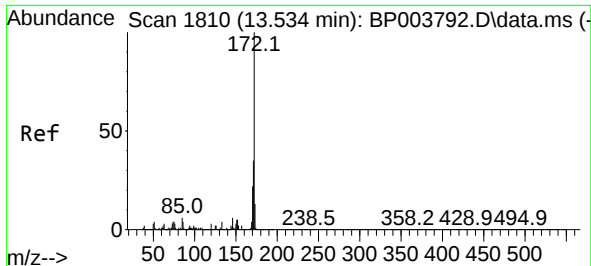
Tgt Ion:164 Resp: 335711
Ion Ratio Lower Upper
164 100
162 100.7 79.4 119.2
160 43.5 36.1 54.1



#42
2,4,6-Tribromophenol
Concen: 106.06 ng
RT: 16.375 min Scan# 2293
Delta R.T. 0.000 min
Lab File: BP004111.D
Acq: 30 Nov 2020 14:00

Tgt Ion:330 Resp: 445329
Ion Ratio Lower Upper
330 100
332 96.6 77.1 115.7
141 31.7 23.4 35.2

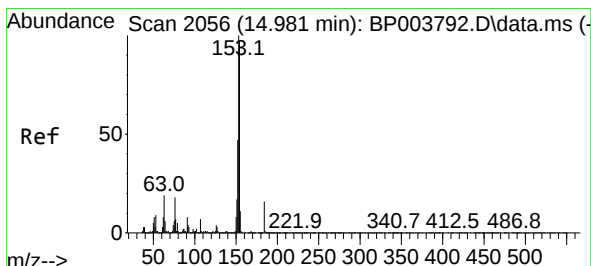
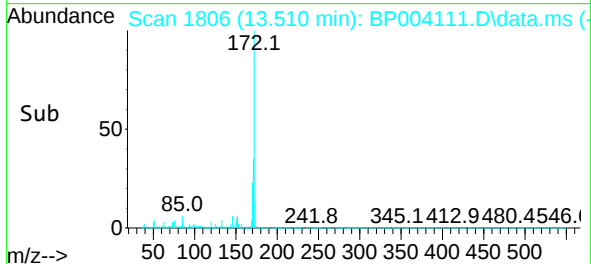
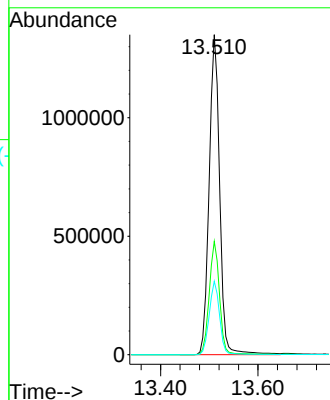
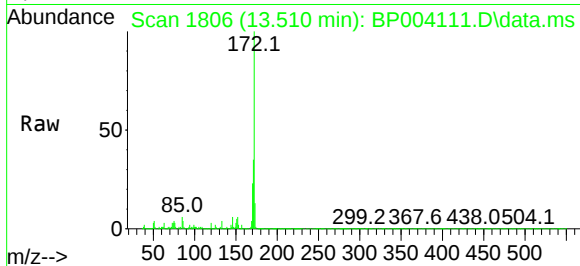




#45
2-Fluorobiphenyl
Concen: 84.00 ng
RT: 13.510 min Scan# 1806
Delta R.T. 0.000 min
Lab File: BP004111.D
Acq: 30 Nov 2020 14:00

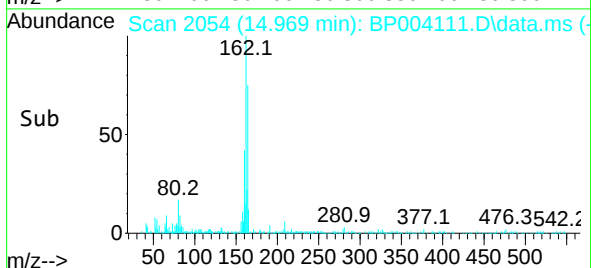
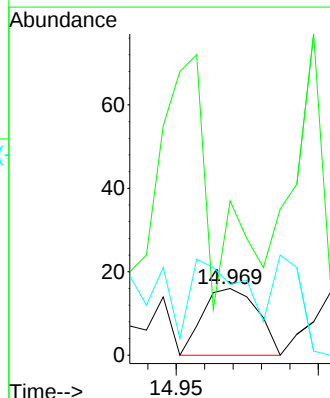
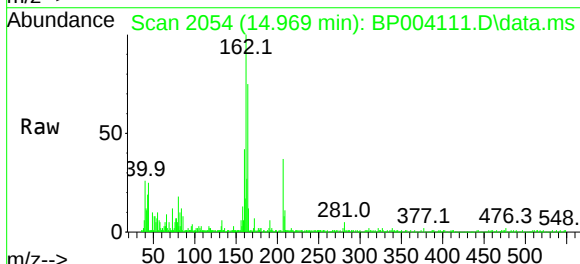
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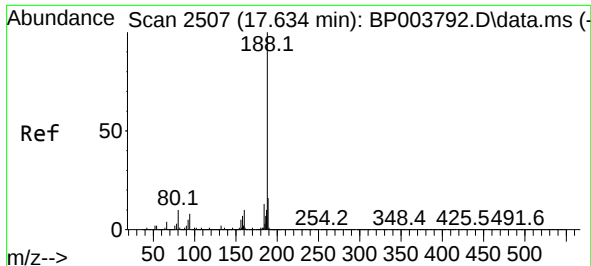
Tgt Ion:172 Resp: 2017017
Ion Ratio Lower Upper
172 100
171 35.4 28.5 42.7
170 22.9 19.2 28.8



#54
2,4-Dinitrophenol
Concen: 2.74 ng
RT: 14.969 min Scan# 2054
Delta R.T. -0.023 min
Lab File: BP004111.D
Acq: 30 Nov 2020 14:00

Tgt Ion:184 Resp: 22
Ion Ratio Lower Upper
184 100
63 231.3 32.3 48.5#
154 106.3 49.1 73.7#

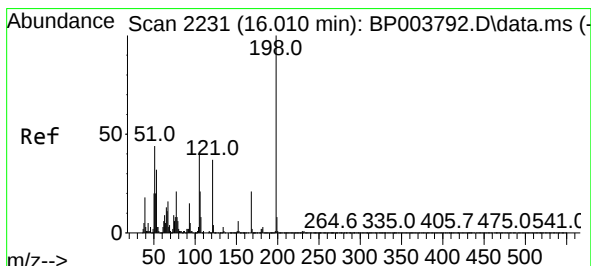
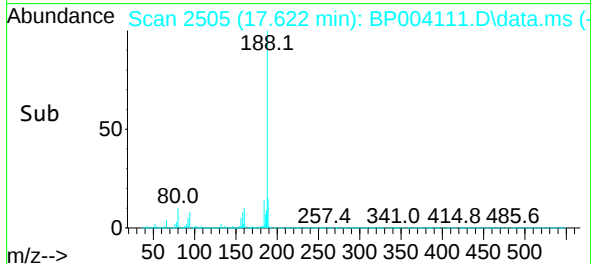
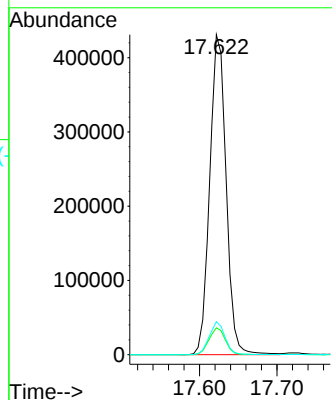
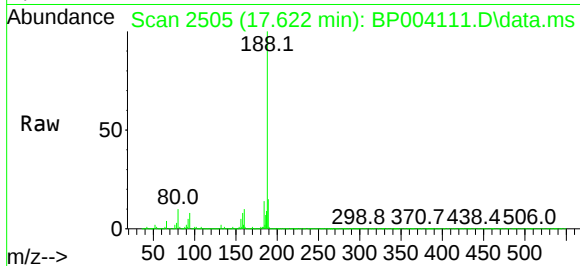




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.622 min Scan# 2505
Delta R.T. 0.000 min
Lab File: BP004111.D
Acq: 30 Nov 2020 14:00

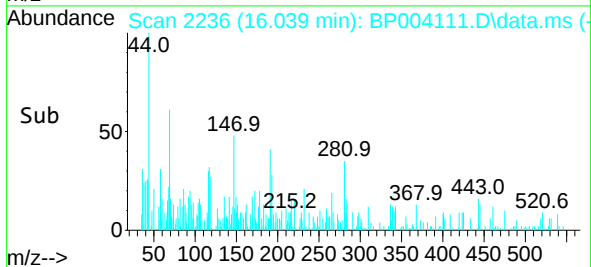
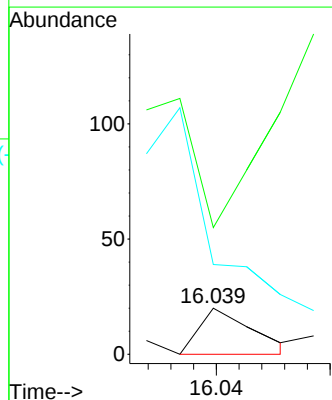
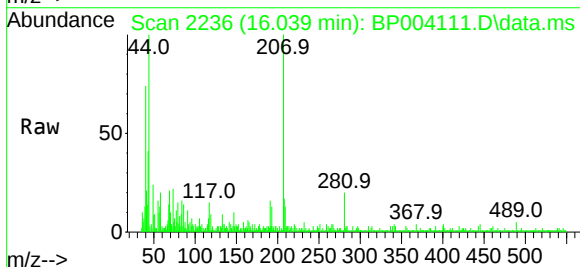
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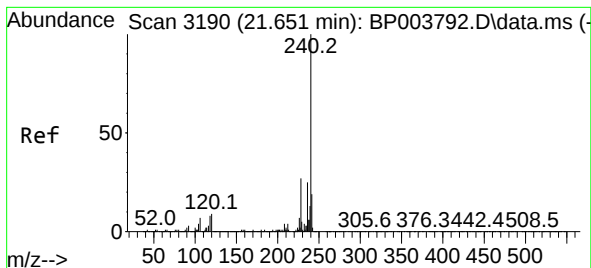
Tgt Ion:188 Resp: 635103
Ion Ratio Lower Upper
188 100
94 8.4 6.2 9.2
80 10.3 6.2 9.2#



#65
4,6-Dinitro-2-methylphenol
Concen: 6.35 ng
RT: 16.039 min Scan# 2236
Delta R.T. 0.024 min
Lab File: BP004111.D
Acq: 30 Nov 2020 14:00

Tgt Ion:198 Resp: 13
Ion Ratio Lower Upper
198 100
51 345.0 6.4 46.4#
105 195.0 18.9 58.9#





#76

Chrysene-d12

Concen: 20.00 ng

RT: 21.663 min Scan# 3192

Delta R.T. 0.000 min

Lab File: BP004111.D

Acq: 30 Nov 2020 14:00

Tgt Ion:240 Resp: 504178

Ion Ratio Lower Upper

240 100

120 9.1 7.8 11.6

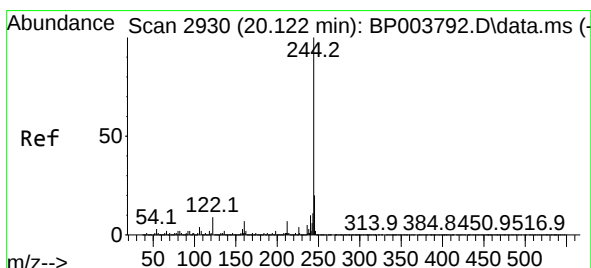
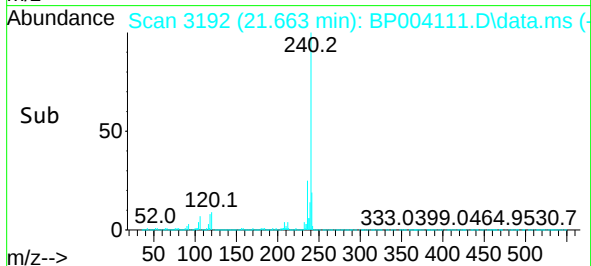
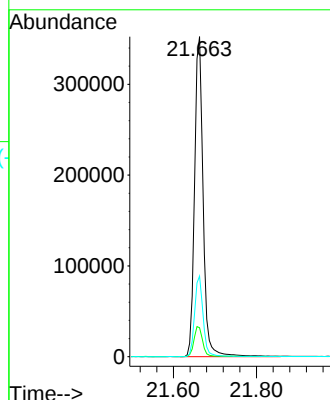
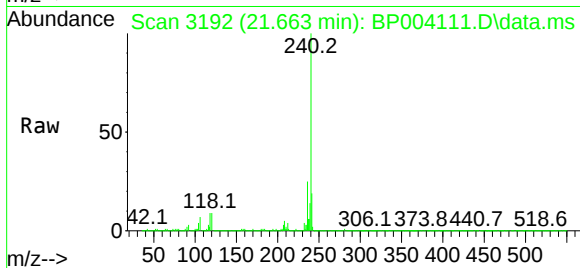
236 25.2 20.8 31.2

Instrument :

BNA_P

ClientSampleId :

PB133301BL



#79

Terphenyl-d14

Concen: 82.98 ng

RT: 20.122 min Scan# 2930

Delta R.T. 0.000 min

Lab File: BP004111.D

Acq: 30 Nov 2020 14:00

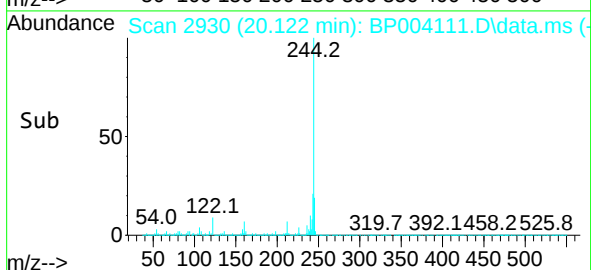
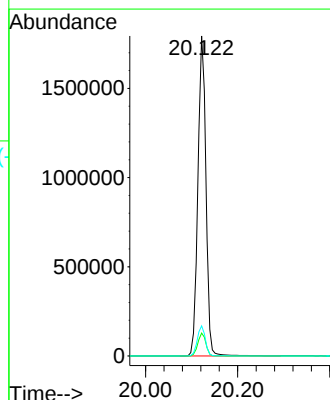
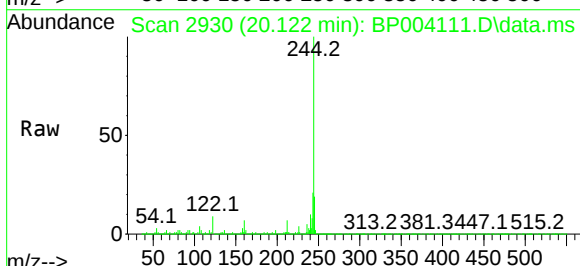
Tgt Ion:244 Resp: 2165623

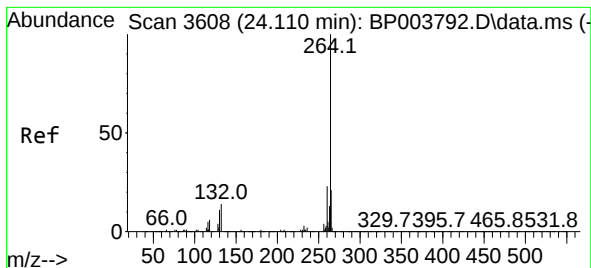
Ion Ratio Lower Upper

244 100

212 7.2 5.8 8.6

122 9.4 7.8 11.8





#86

Perylene-d12

Concen: 20.00 ng

RT: 24.139 min Scan# 3613

Delta R.T. 0.012 min

Lab File: BP004111.D

Acq: 30 Nov 2020 14:00

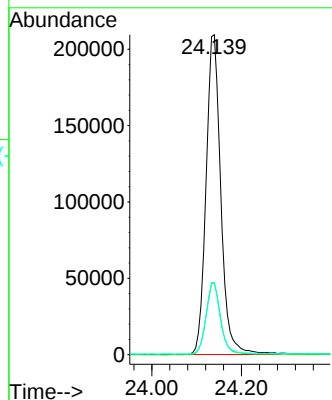
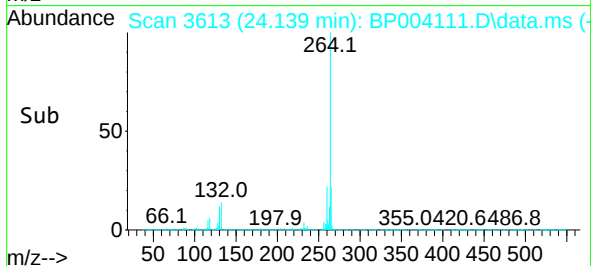
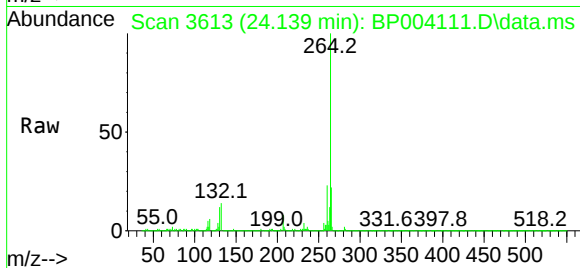
Tgt Ion:264 Resp: 478774

Ion Ratio Lower Upper

264 100

260 22.6 18.8 28.2

265 22.4 17.4 26.2



Instrument :

BNA_P

ClientSampleId :

PB133301BL