

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070821\
 Data File : BP006140.D
 Acq On : 08 Jul 2021 15:18
 Operator : CG/JU
 Sample : M2858-05
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PE-5

Quant Time: Jul 08 16:04:44 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP070721.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 07 16:08:13 2021
 Response via : Initial Calibration

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

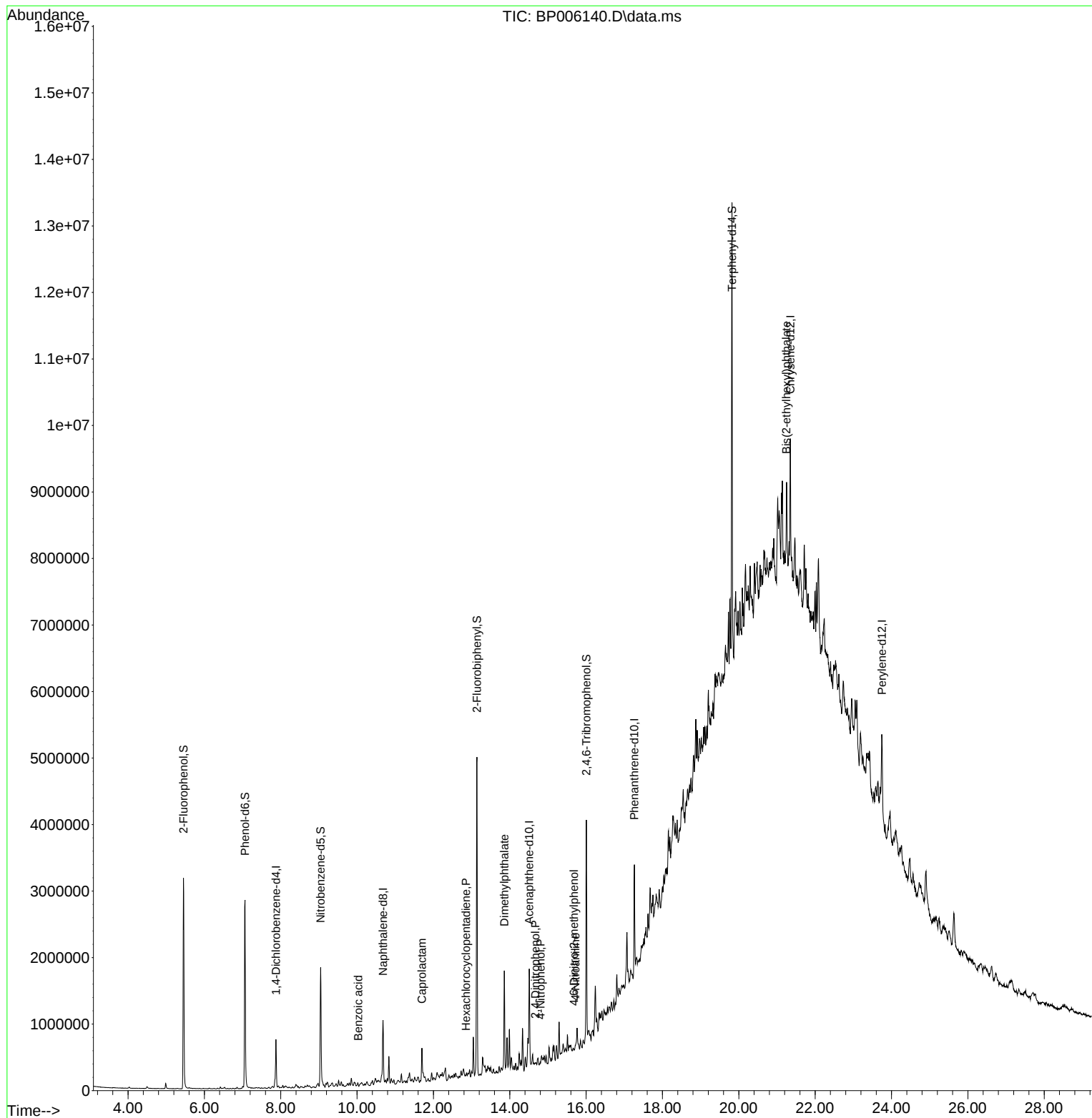
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.875	152	214643	20.000	ng	0.00
21) Naphthalene-d8	10.681	136	814823	20.000	ng	0.00
39) Acenaphthene-d10	14.510	164	455682	20.000	ng	0.00
64) Phenanthrene-d10	17.263	188	816483	20.000	ng	# 0.00
76) Chrysene-d12	21.351	240	781680	20.000	ng	# 0.00
86) Perylene-d12	23.751	264	893485	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.452	112	1601653	128.393	ng	0.00
7) Phenol-d6	7.064	99	1886255	114.315	ng	0.00
23) Nitrobenzene-d5	9.046	82	1081501	83.838	ng	0.00
42) 2,4,6-Tribromophenol	16.004	330	640154	117.997	ng	0.00
45) 2-Fluorobiphenyl	13.140	172	2503471	81.219	ng	0.00
79) Terphenyl-d14	19.822	244	3105089	78.319	ng	0.00
Target Compounds						
						Qvalue
32) Benzoic acid	10.034	122	92	6.912	ng	# 1
35) Caprolactam	11.699	113	23423	6.317	ng	# 29
41) Hexachlorocyclopentadiene	12.852	237	15	8.707	ng	90
50) Dimethylphthalate	13.857	163	99300	3.030	ng	# 93
54) 2,4-Dinitrophenol	14.669	184	197	8.925	ng	# 1
56) 4-Nitrophenol	14.804	139	364	7.182	ng	# 1
62) 4-Nitroaniline	15.716	138	2857	3.309	ng	95
65) 4,6-Dinitro-2-methylph...	15.681	198	1119	4.610	ng	# 1
84) Bis(2-ethylhexyl)phtha...	21.245	149	126655	3.274	ng	# 84

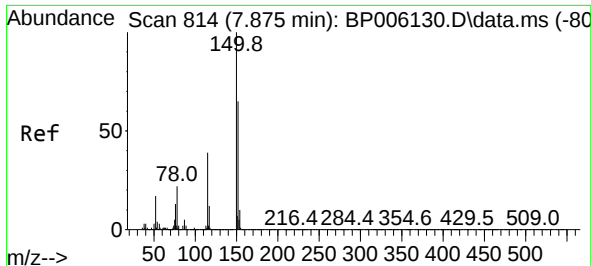
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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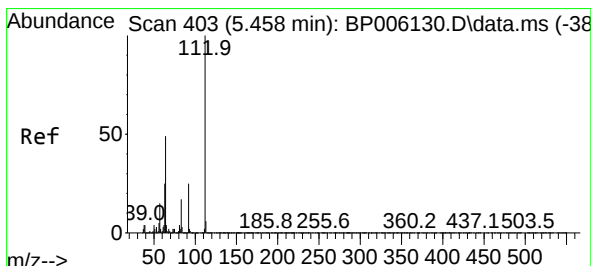
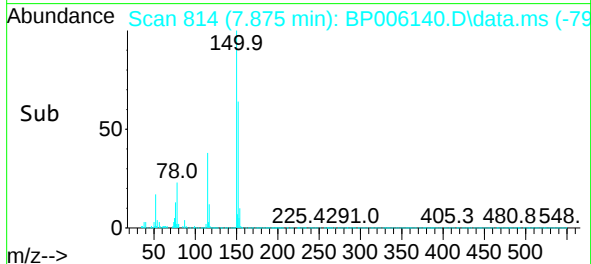
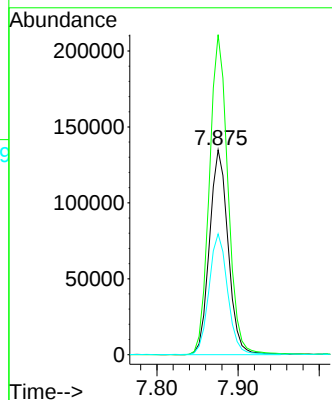
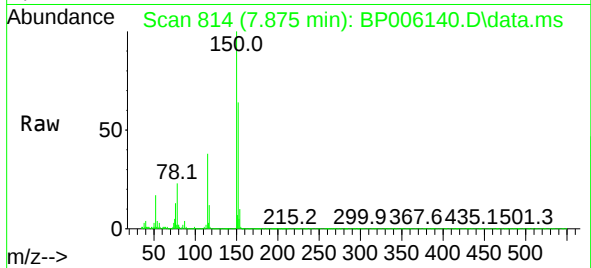




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.875 min Scan# 814
Delta R.T. 0.000 min
Lab File: BP006140.D
Acq: 08 Jul 2021 15:18

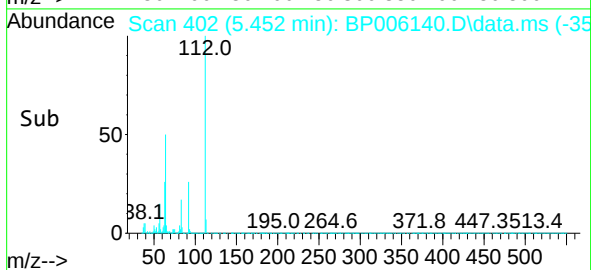
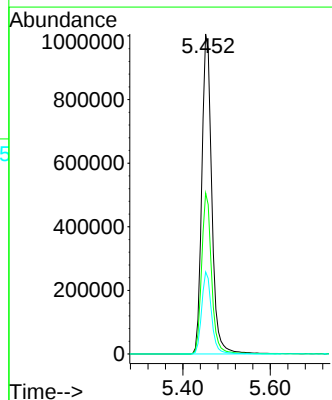
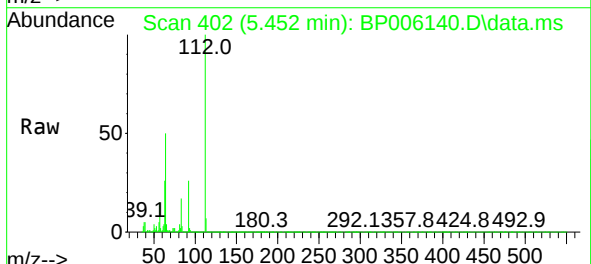
Instrument :
BNA_P
ClientSampleId :
PE-5

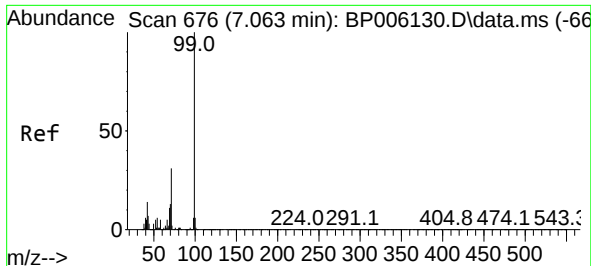
Tgt Ion:152 Resp: 214643
Ion Ratio Lower Upper
152 100
150 156.2 125.6 188.4
115 59.0 48.5 72.7



#5
2-Fluorophenol
Concen: 128.393 ng
RT: 5.452 min Scan# 402
Delta R.T. -0.006 min
Lab File: BP006140.D
Acq: 08 Jul 2021 15:18

Tgt Ion:112 Resp: 1601653
Ion Ratio Lower Upper
112 100
64 50.3 41.4 62.2
63 25.7 23.8 35.8

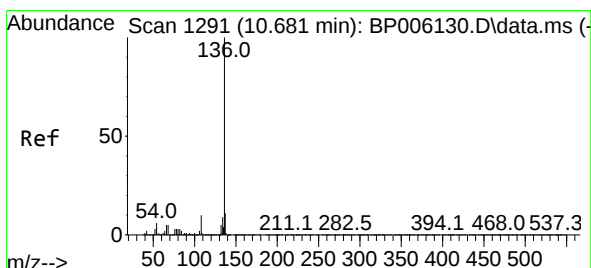
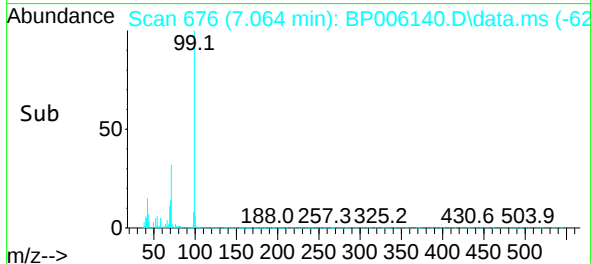
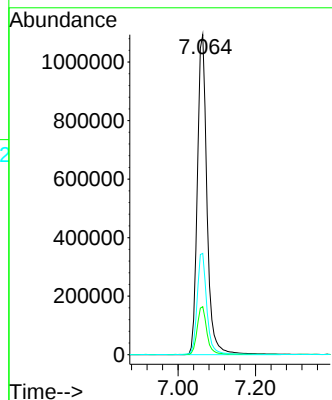
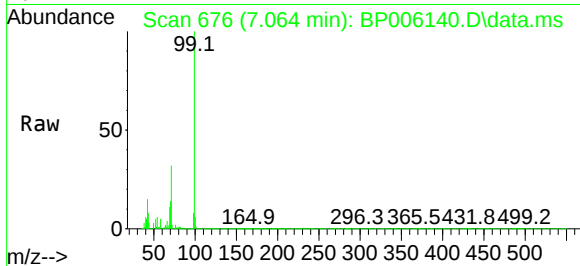




#7
Phenol-d6
Concen: 114.315 ng
RT: 7.064 min Scan# 676
Delta R.T. 0.000 min
Lab File: BP006140.D
Acq: 08 Jul 2021 15:18

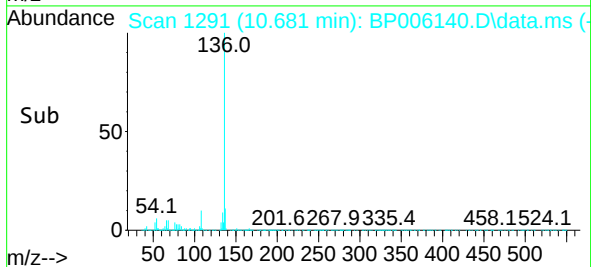
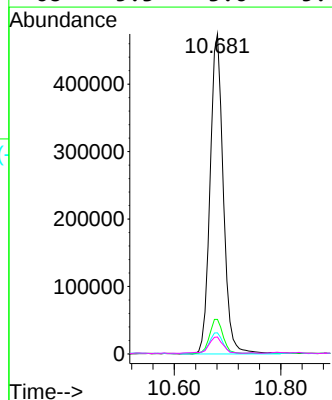
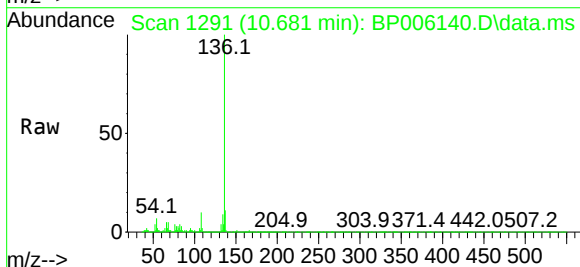
Instrument :
BNA_P
ClientSampleId :
PE-5

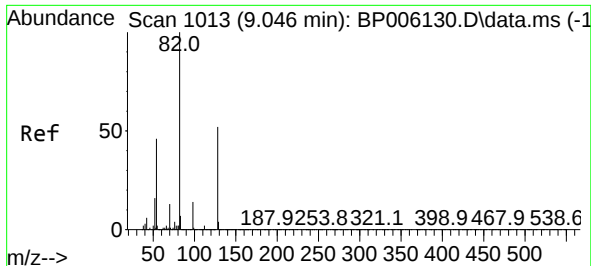
Tgt Ion: 99 Resp: 1886255
Ion Ratio Lower Upper
99 100
42 15.0 13.4 20.0
71 31.6 30.6 46.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.681 min Scan# 1291
Delta R.T. 0.000 min
Lab File: BP006140.D
Acq: 08 Jul 2021 15:18

Tgt Ion: 136 Resp: 814823
Ion Ratio Lower Upper
136 100
137 10.8 8.6 12.8
54 6.6 4.6 6.8
68 5.3 3.6 5.4

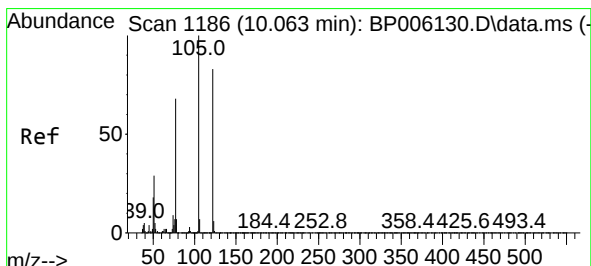
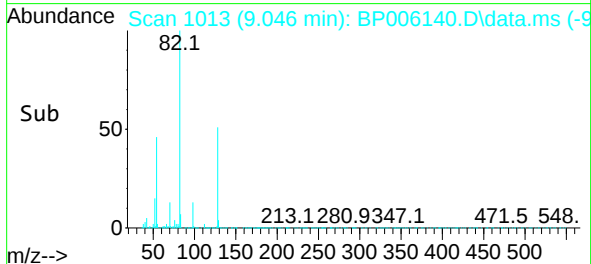
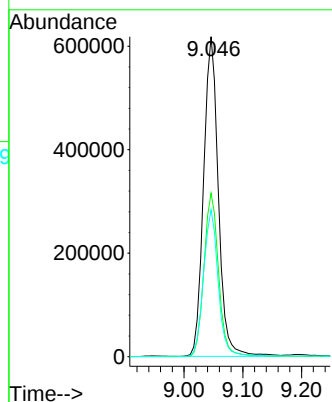
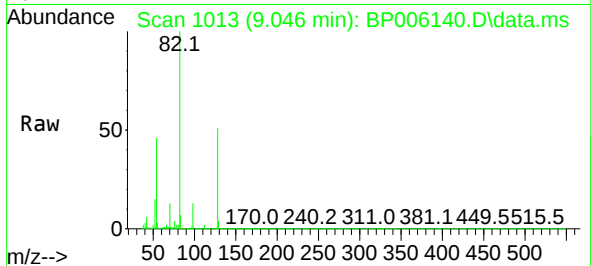




#23
Nitrobenzene-d5
Concen: 83.838 ng
RT: 9.046 min Scan# 1013
Delta R.T. 0.000 min
Lab File: BP006140.D
Acq: 08 Jul 2021 15:18

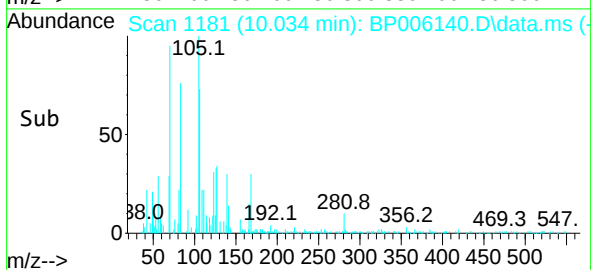
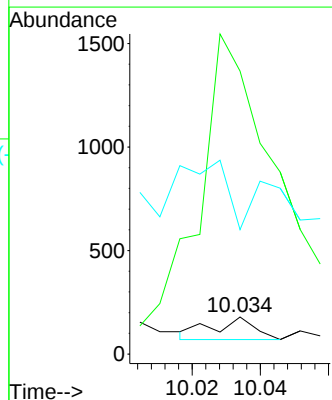
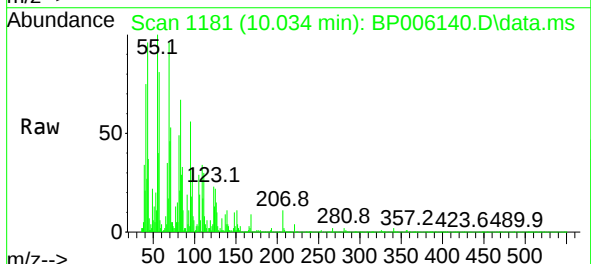
Instrument :
BNA_P
ClientSampleId :
PE-5

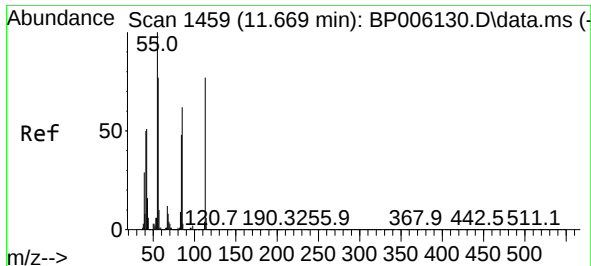
Tgt Ion: 82 Resp: 1081501
Ion Ratio Lower Upper
82 100
128 51.1 35.7 53.5
54 45.9 35.0 52.4



#32
Benzoic acid
Concen: 6.912 ng
RT: 10.034 min Scan# 1181
Delta R.T. -0.029 min
Lab File: BP006140.D
Acq: 08 Jul 2021 15:18

Tgt Ion:122 Resp: 92
Ion Ratio Lower Upper
122 100
105 763.7 103.2 143.2#
77 335.8 76.2 116.2#

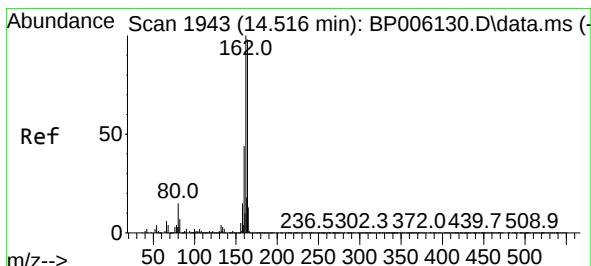
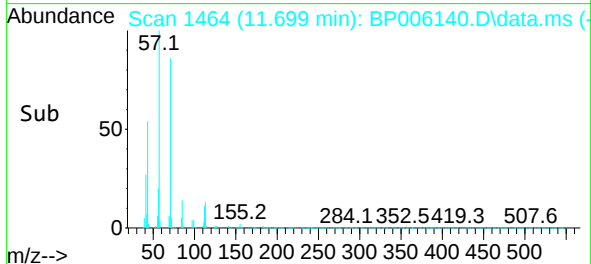
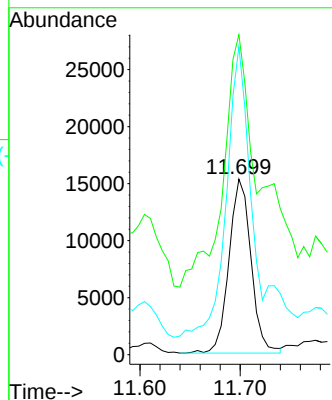
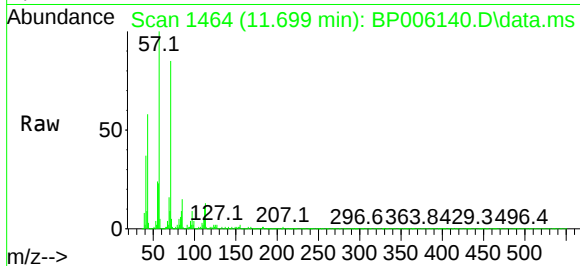




#35
Caprolactam
Concen: 6.317 ng
RT: 11.699 min Scan# 1464
Delta R.T. 0.030 min
Lab File: BP006140.D
Acq: 08 Jul 2021 15:18

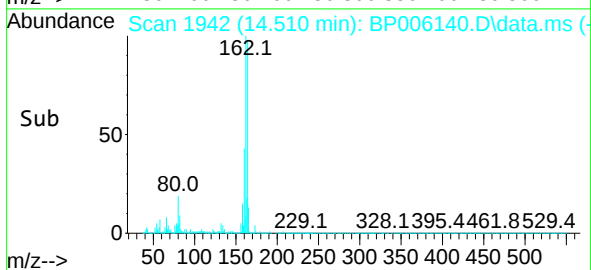
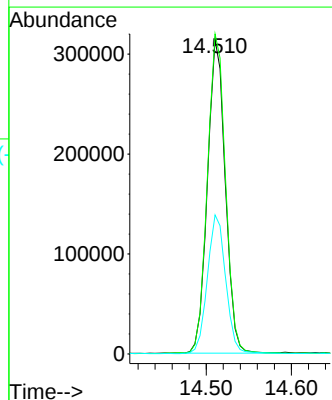
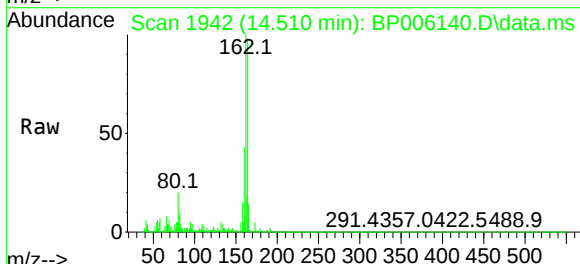
Instrument :
BNA_P
ClientSampled :
PE-5

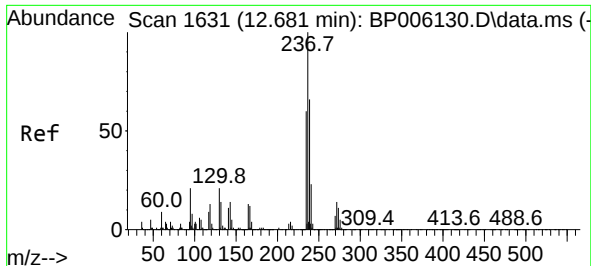
Tgt Ion:113 Resp: 23423
Ion Ratio Lower Upper
113 100
55 182.3 98.9 138.9#
56 175.5 71.7 111.7#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.510 min Scan# 1942
Delta R.T. -0.006 min
Lab File: BP006140.D
Acq: 08 Jul 2021 15:18

Tgt Ion:164 Resp: 455682
Ion Ratio Lower Upper
164 100
162 101.9 80.2 120.2
160 44.3 34.5 51.7

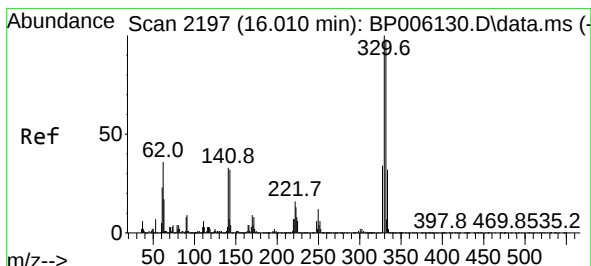
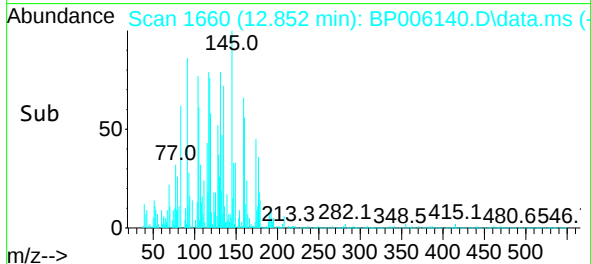
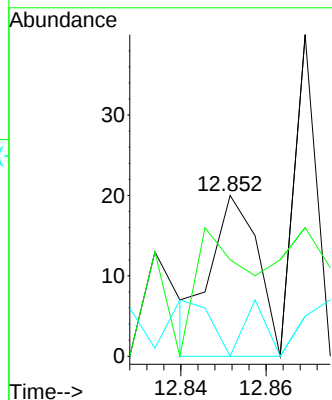
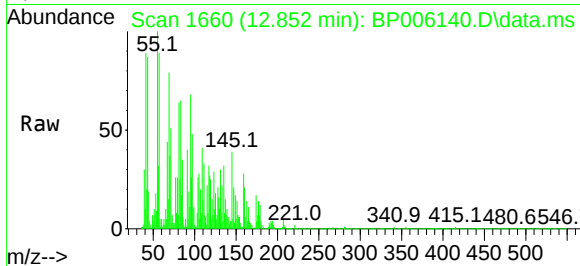




#41
Hexachlorocyclopentadiene
Concen: 8.707 ng
RT: 12.852 min Scan# 1660
Delta R.T. 0.171 min
Lab File: BP006140.D
Acq: 08 Jul 2021 15:18

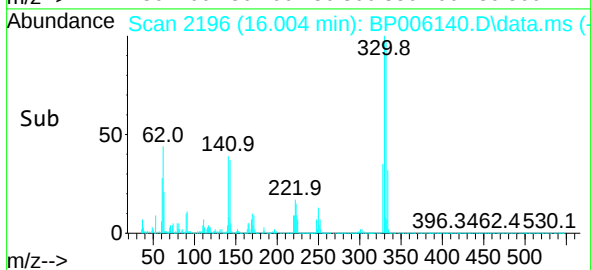
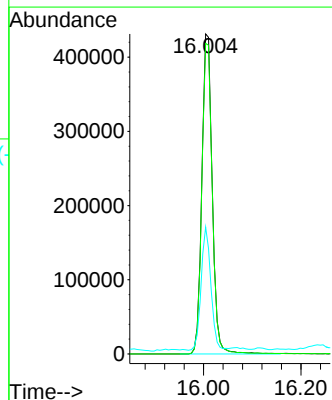
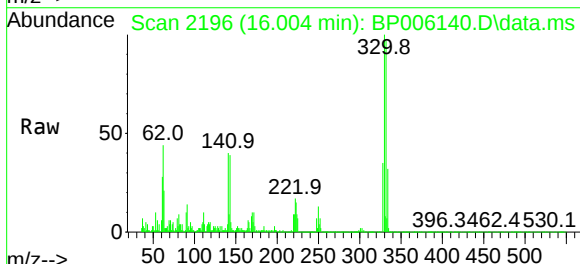
Instrument :
BNA_P
ClientSampleId :
PE-5

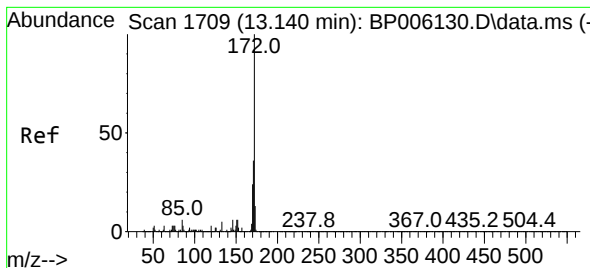
Tgt Ion:237	Resp:	15
Ion Ratio	Lower	Upper
237	100	
235	60.0	44.5 84.5
272	0.0	0.0 32.5



#42
2,4,6-Tribromophenol
Concen: 117.997 ng
RT: 16.004 min Scan# 2196
Delta R.T. -0.006 min
Lab File: BP006140.D
Acq: 08 Jul 2021 15:18

Tgt Ion:330	Resp:	640154
Ion Ratio	Lower	Upper
330	100	
332	97.4	77.8 116.8
141	36.4	25.4 38.2

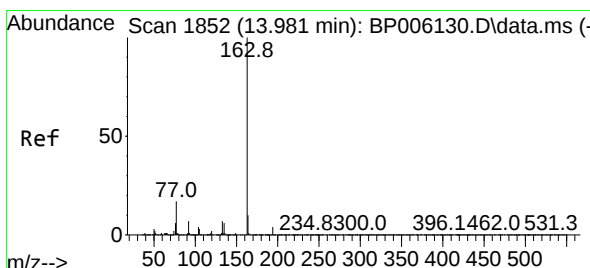
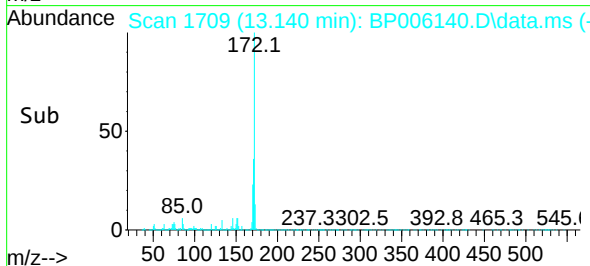
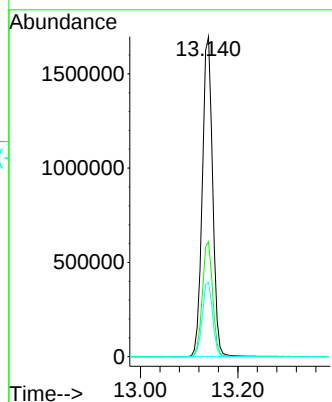
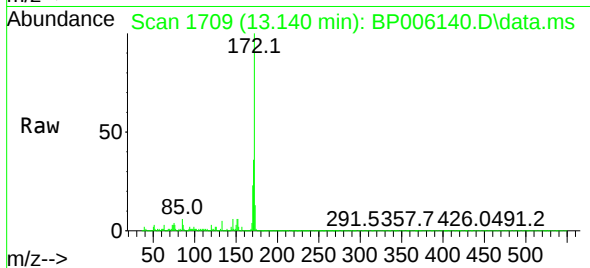




#45
2-Fluorobiphenyl
Concen: 81.219 ng
RT: 13.140 min Scan# 1709
Delta R.T. 0.000 min
Lab File: BP006140.D
Acq: 08 Jul 2021 15:18

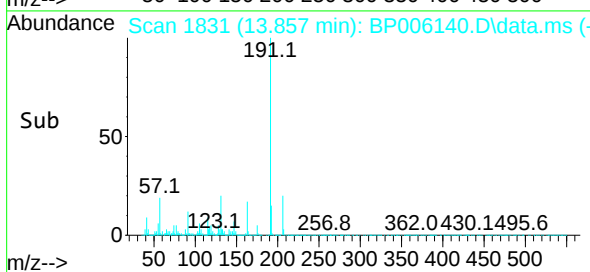
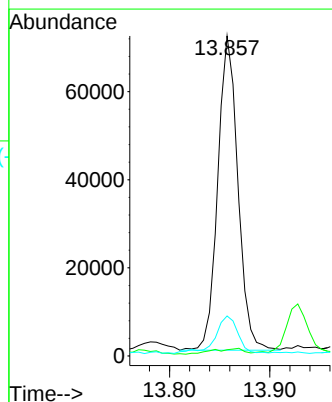
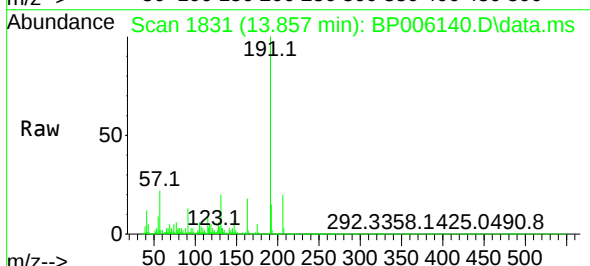
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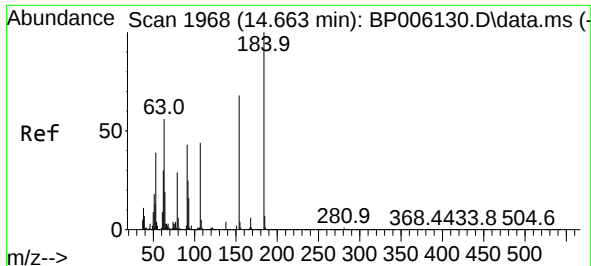
Tgt Ion:172 Resp: 2503471
Ion Ratio Lower Upper
172 100
171 35.9 27.9 41.9
170 23.3 18.6 27.8



#50
Dimethylphthalate
Concen: 3.030 ng
RT: 13.857 min Scan# 1831
Delta R.T. -0.123 min
Lab File: BP006140.D
Acq: 08 Jul 2021 15:18

Tgt Ion:163 Resp: 99300
Ion Ratio Lower Upper
163 100
194 1.9 3.4 5.2#
164 12.5 8.2 12.2#

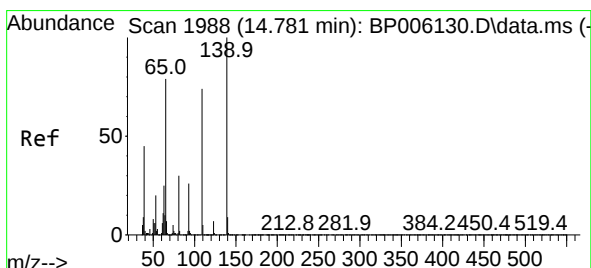
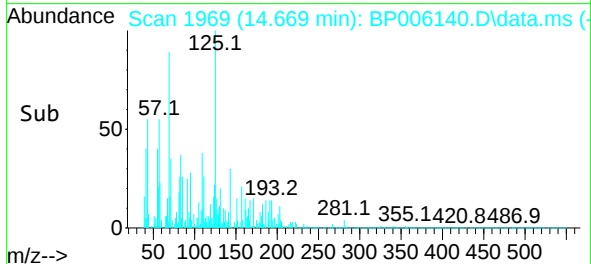
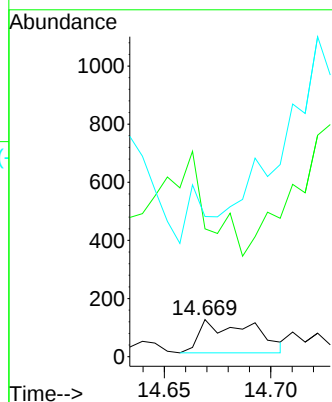
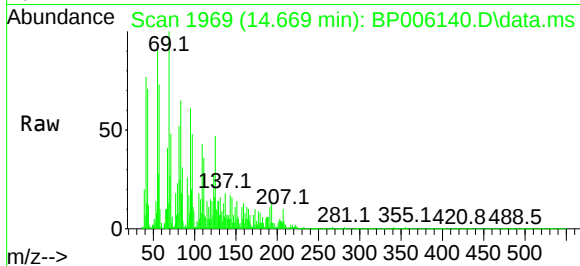




#54
2,4-Dinitrophenol
Concen: 8.925 ng
RT: 14.669 min Scan# 1969
Delta R.T. 0.006 min
Lab File: BP006140.D
Acq: 08 Jul 2021 15:18

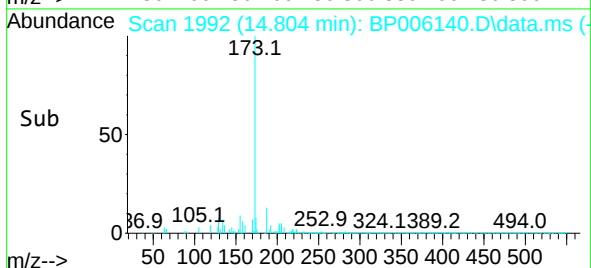
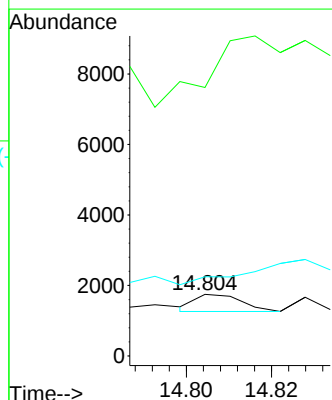
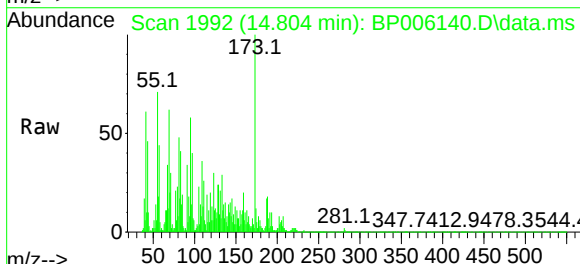
Instrument :
BNA_P
ClientSampled :
PE-5

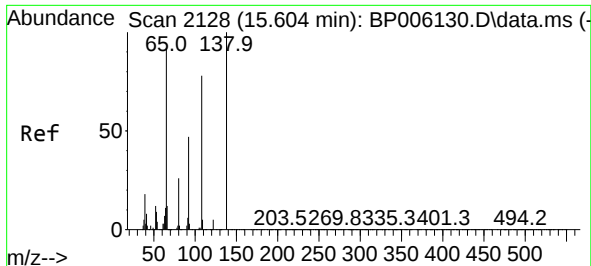
Tgt Ion:184 Resp: 197
Ion Ratio Lower Upper
184 100
63 343.8 47.0 70.6#
154 376.6 52.3 78.5#



#56
4-Nitrophenol
Concen: 7.182 ng
RT: 14.804 min Scan# 1992
Delta R.T. 0.023 min
Lab File: BP006140.D
Acq: 08 Jul 2021 15:18

Tgt Ion:139 Resp: 364
Ion Ratio Lower Upper
139 100
109 436.1 72.3 112.3#
65 128.6 72.5 112.5#

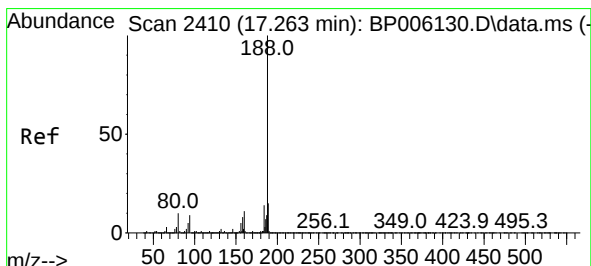
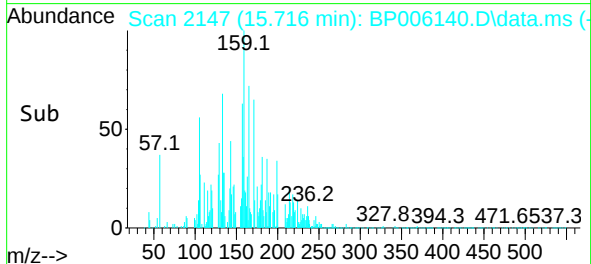
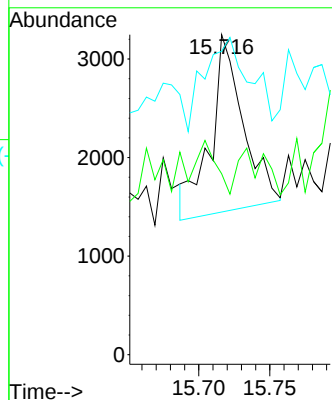
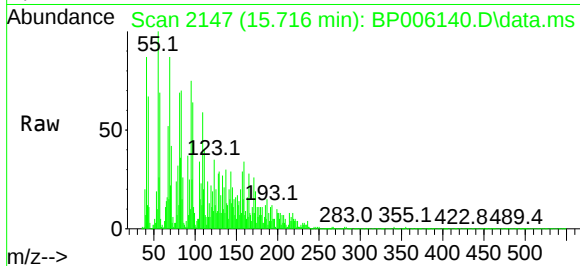




#62
4-Nitroaniline
Concen: 3.309 ng
RT: 15.716 min Scan# 2147
Delta R.T. 0.112 min
Lab File: BP006140.D
Acq: 08 Jul 2021 15:18

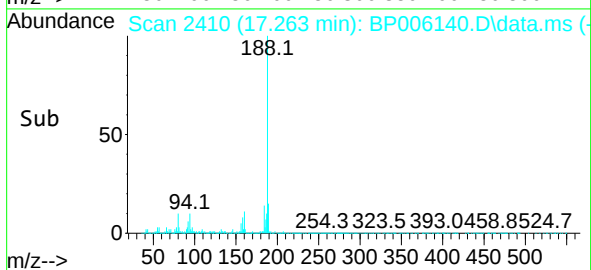
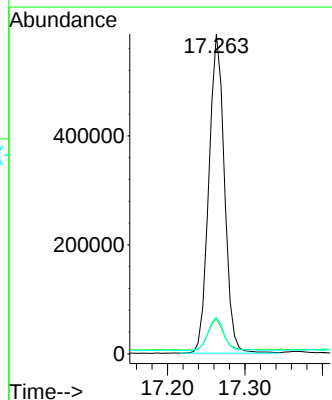
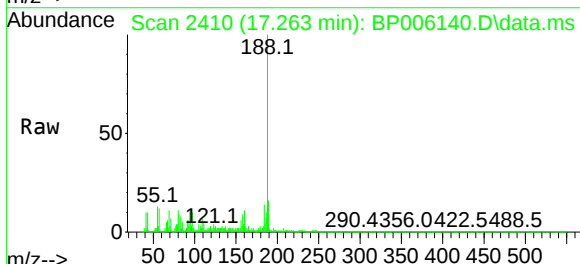
Instrument :
BNA_P
ClientSampled :
PE-5

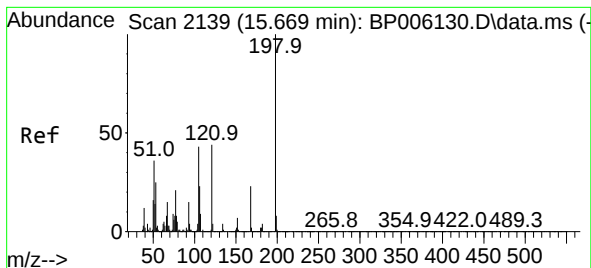
Tgt Ion:138 Resp: 2857
Ion Ratio Lower Upper
138 100
92 56.5 31.2 71.2
108 94.8 78.6 118.6



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.263 min Scan# 2410
Delta R.T. 0.000 min
Lab File: BP006140.D
Acq: 08 Jul 2021 15:18

Tgt Ion:188 Resp: 816483
Ion Ratio Lower Upper
188 100
94 11.1 5.6 8.4#
80 11.4 6.3 9.5#

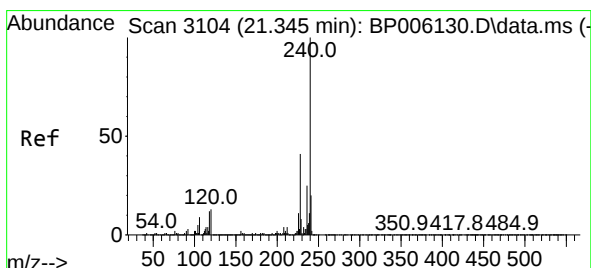
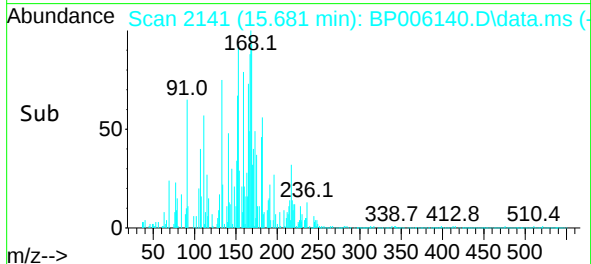
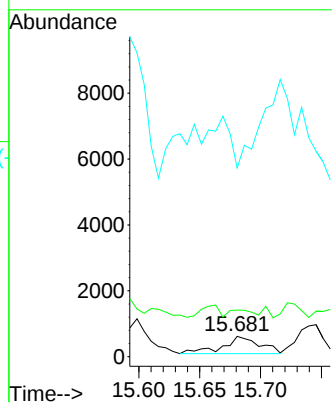
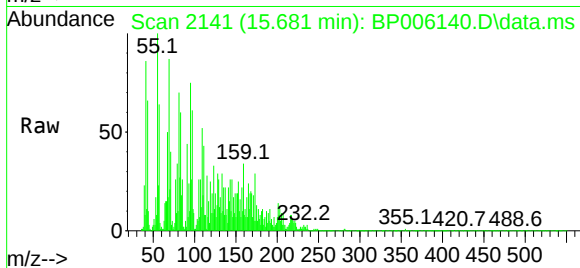




#65
4,6-Dinitro-2-methylphenol
Concen: 4.610 ng
RT: 15.681 min Scan# 2141
Delta R.T. 0.012 min
Lab File: BP006140.D
Acq: 08 Jul 2021 15:18

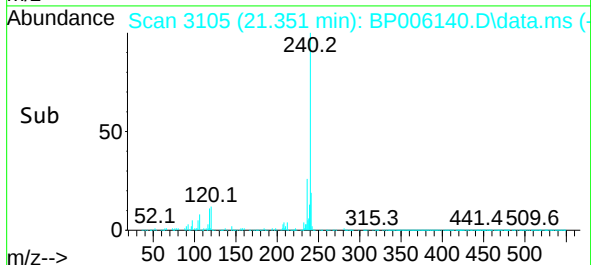
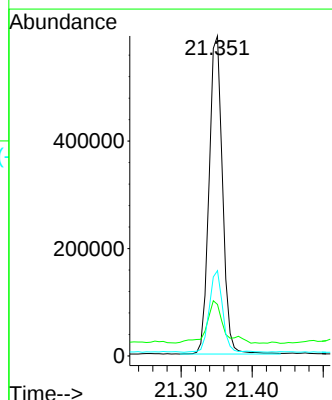
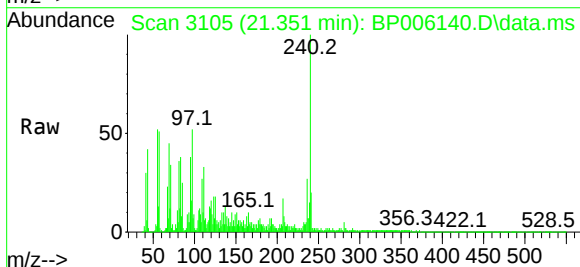
Instrument :
BNA_P
ClientSampled :
PE-5

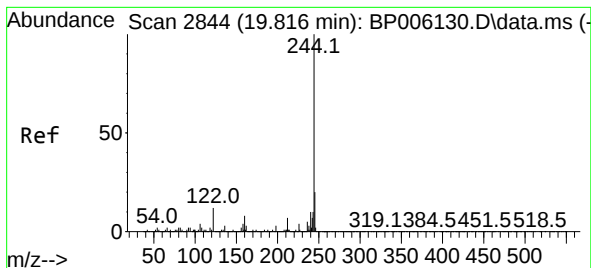
Tgt Ion:198 Resp: 1119
Ion Ratio Lower Upper
198 100
51 228.8 14.0 54.0#
105 928.4 19.5 59.5#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.351 min Scan# 3105
Delta R.T. 0.006 min
Lab File: BP006140.D
Acq: 08 Jul 2021 15:18

Tgt Ion:240 Resp: 781680
Ion Ratio Lower Upper
240 100
120 16.1 6.5 9.7#
236 26.6 20.6 31.0





#79

Terphenyl-d14

Concen: 78.319 ng

RT: 19.822 min Scan# 2845

Delta R.T. 0.006 min

Lab File: BP006140.D

Acq: 08 Jul 2021 15:18

Instrument :

BNA_P

ClientSampleId :

PE-5

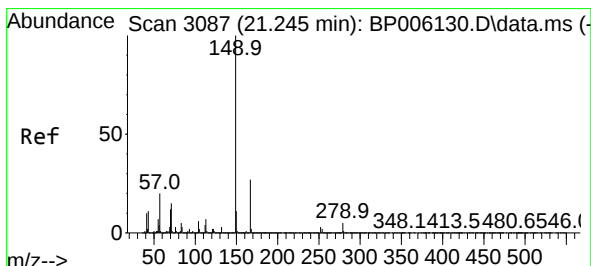
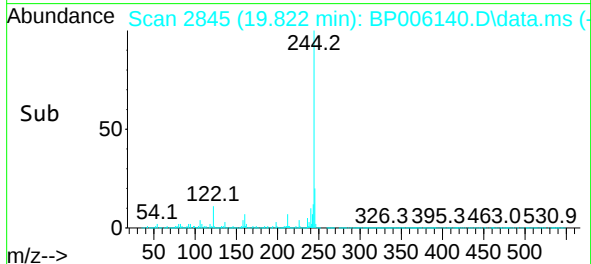
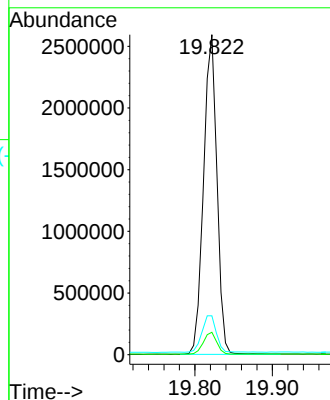
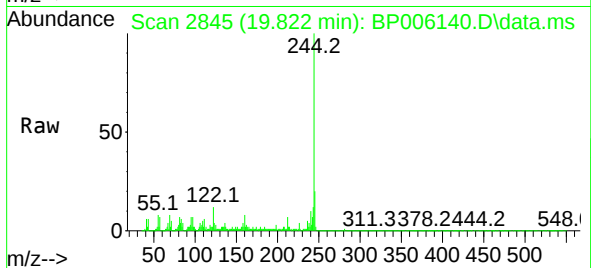
Tgt Ion:244 Resp: 3105089

Ion Ratio Lower Upper

244 100

212 7.0 6.0 9.0

122 12.1 7.1 10.7#



#84

Bis(2-ethylhexyl)phthalate

Concen: 3.274 ng

RT: 21.245 min Scan# 3087

Delta R.T. 0.000 min

Lab File: BP006140.D

Acq: 08 Jul 2021 15:18

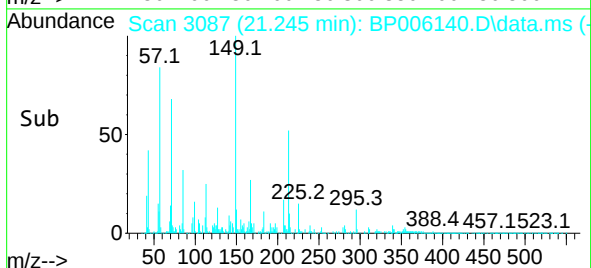
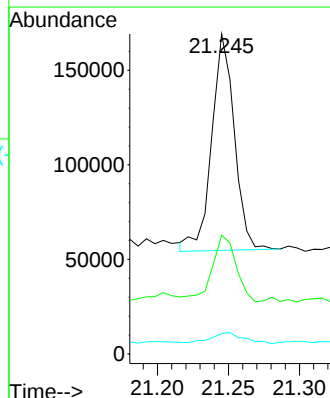
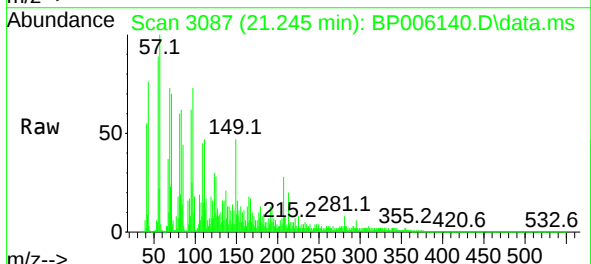
Tgt Ion:149 Resp: 126655

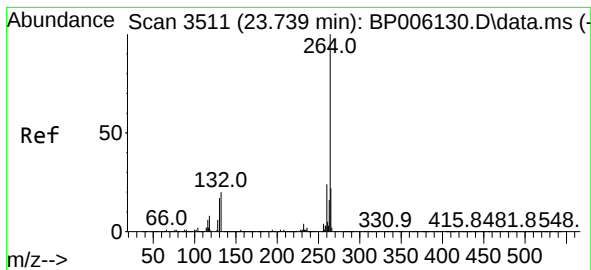
Ion Ratio Lower Upper

149 100

167 37.1 21.9 32.9#

279 6.4 4.3 6.5





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.751 min Scan# 3513
 Delta R.T. 0.012 min
 Lab File: BP006140.D
 Acq: 08 Jul 2021 15:18

Instrument :
 BNA_P
 ClientSampleId :
 PE-5

Tgt Ion:264 Resp: 893485
 Ion Ratio Lower Upper
 264 100
 260 24.0 18.6 28.0
 265 22.3 17.6 26.4

