

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071021\
 Data File : BP006180.D
 Acq On : 10 Jul 2021 15:16
 Operator : CG/JU
 Sample : PB137592BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB137592BL

Quant Time: Jul 11 05:47:28 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)

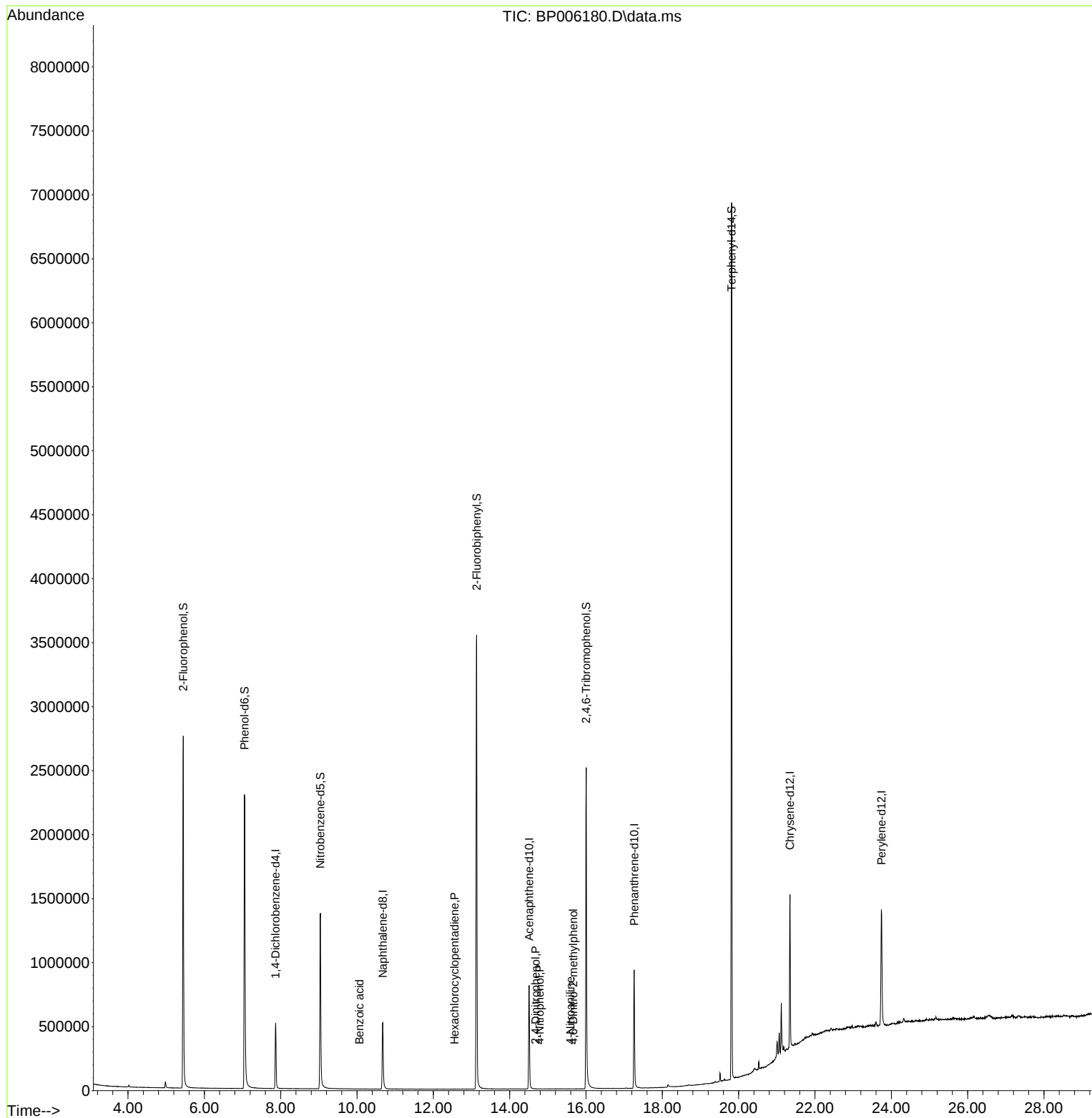
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.869	152	154384	20.00	ng	0.00
21) Naphthalene-d8	10.675	136	532204	20.00	ng	0.00
39) Acenaphthene-d10	14.510	164	306612	20.00	ng	0.00
64) Phenanthrene-d10	17.263	188	593203	20.00	ng	# 0.00
76) Chrysene-d12	21.345	240	562055	20.00	ng	# 0.00
86) Perylene-d12	23.739	264	668271	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.446	112	1382705	154.11	ng	-0.01
7) Phenol-d6	7.052	99	1596361	134.51	ng	-0.01
23) Nitrobenzene-d5	9.040	82	893704	106.07	ng	0.00
42) 2,4,6-Tribromophenol	16.004	330	501576	137.40	ng	0.00
45) 2-Fluorobiphenyl	13.134	172	1892372	91.24	ng	0.00
79) Terphenyl-d14	19.816	244	2778501	97.47	ng	0.00
Target Compounds						
						Qvalue
32) Benzoic acid	10.063	122	23	6.91	ng	# 1
41) Hexachlorocyclopentadiene	12.557	237	8	8.70	ng	85
54) 2,4-Dinitrophenol	14.681	184	43	8.89	ng	# 83
56) 4-Nitrophenol	14.786	139	19	7.13	ng	# 14
62) 4-Nitroaniline	15.592	138	40	2.97	ng	# 47
65) 4,6-Dinitro-2-methylph...	15.669	198	19	4.42	ng	# 1

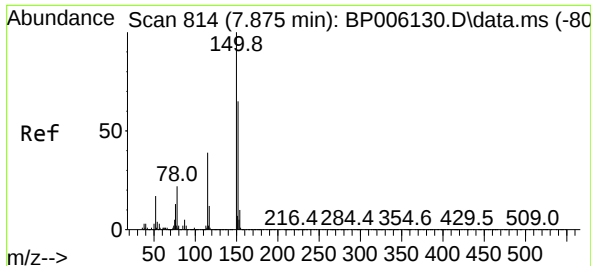
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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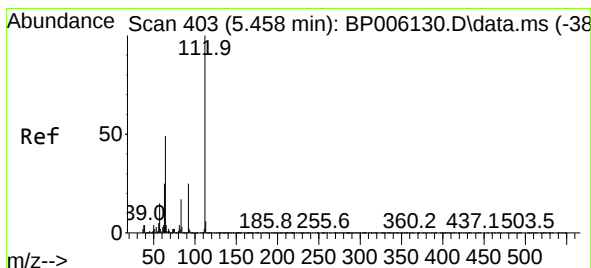
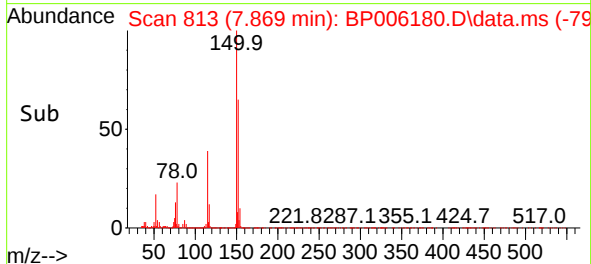
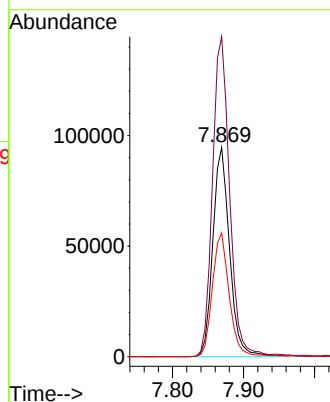
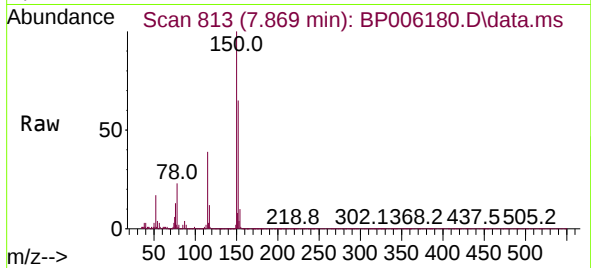




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.869 min Scan# 813
Delta R.T. -0.006 min
Lab File: BP006180.D
Acq: 10 Jul 2021 15:16

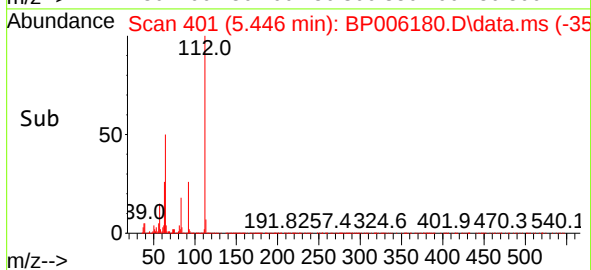
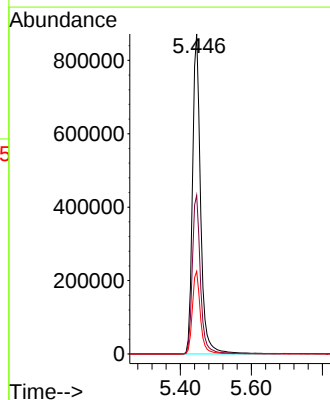
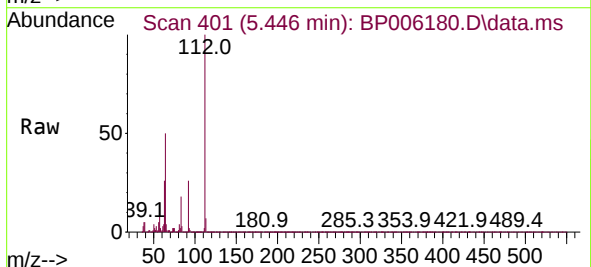
Instrument :
BNA_P
ClientSampleId :
PB137592BL

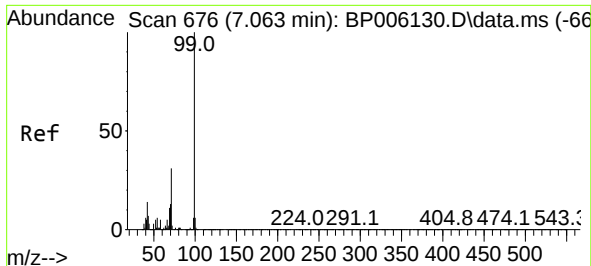
Tgt Ion:152 Resp: 154384
Ion Ratio Lower Upper
152 100
150 152.9 125.6 188.4
115 59.1 48.5 72.7



#5
2-Fluorophenol
Concen: 154.11 ng
RT: 5.446 min Scan# 401
Delta R.T. -0.012 min
Lab File: BP006180.D
Acq: 10 Jul 2021 15:16

Tgt Ion:112 Resp: 1382705
Ion Ratio Lower Upper
112 100
64 49.6 41.4 62.2
63 25.8 23.8 35.8

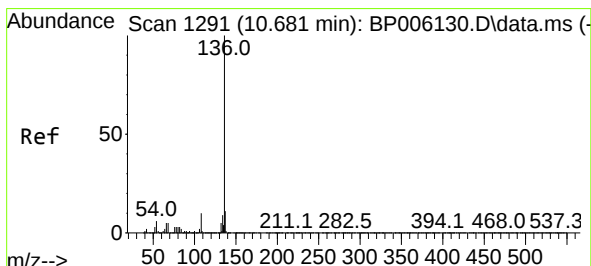
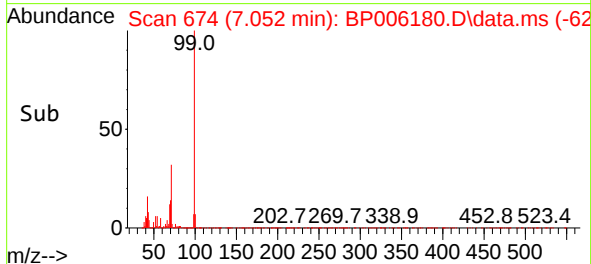
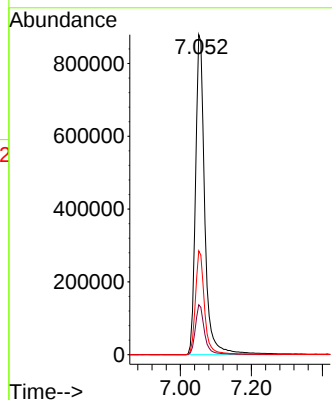
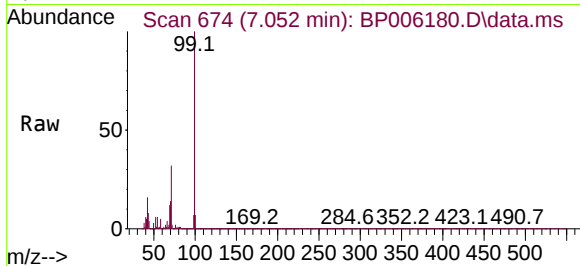




#7
Phenol-d6
Concen: 134.51 ng
RT: 7.052 min Scan# 674
Delta R.T. -0.012 min
Lab File: BP006180.D
Acq: 10 Jul 2021 15:16

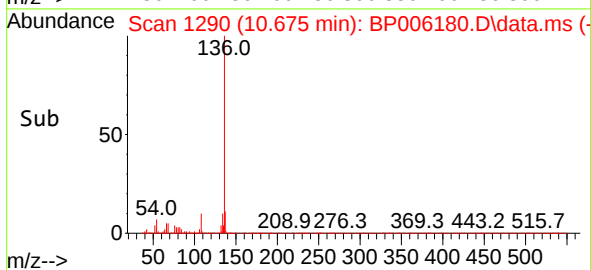
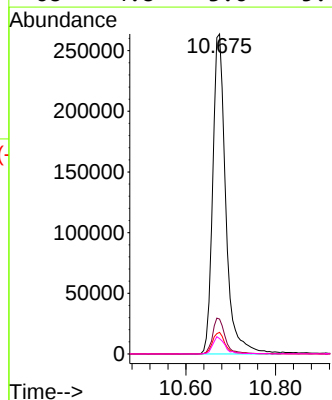
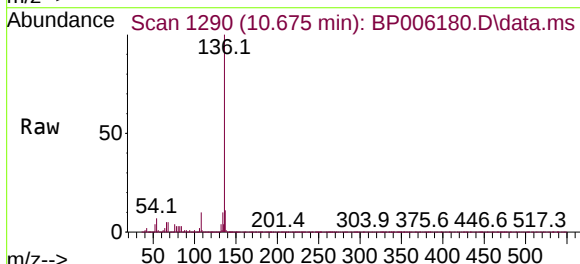
Instrument :
BNA_P
ClientSampleId :
PB137592BL

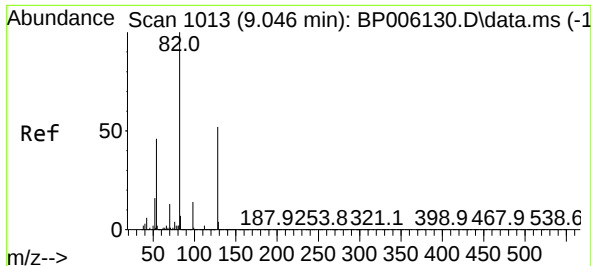
Tgt Ion: 99 Resp: 1596361
Ion Ratio Lower Upper
99 100
42 15.6 13.4 20.0
71 32.5 30.6 46.0



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.675 min Scan# 1290
Delta R.T. -0.006 min
Lab File: BP006180.D
Acq: 10 Jul 2021 15:16

Tgt Ion: 136 Resp: 532204
Ion Ratio Lower Upper
136 100
137 10.9 8.6 12.8
54 6.8 4.6 6.8
68 4.8 3.6 5.4

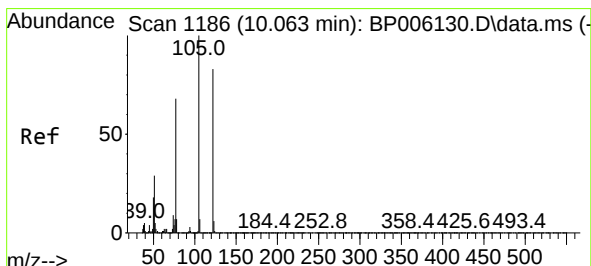
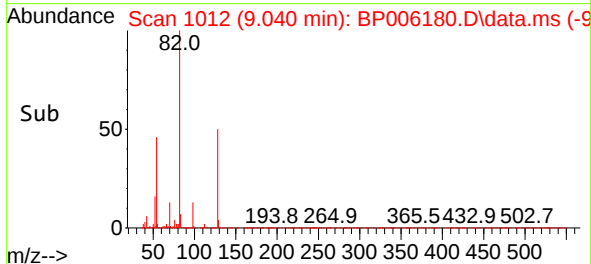
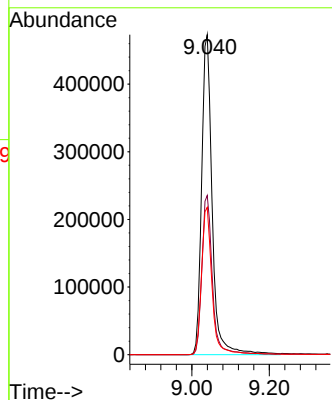
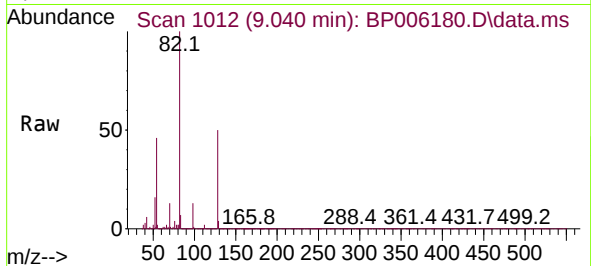




#23
Nitrobenzene-d5
Concen: 106.07 ng
RT: 9.040 min Scan# 1012
Delta R.T. -0.006 min
Lab File: BP006180.D
Acq: 10 Jul 2021 15:16

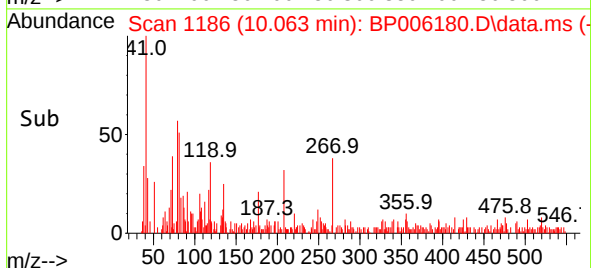
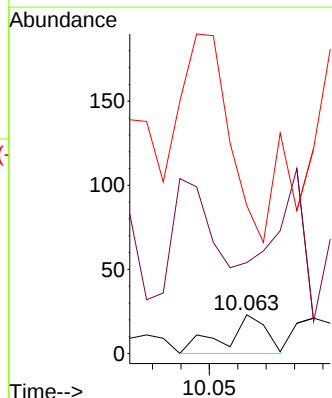
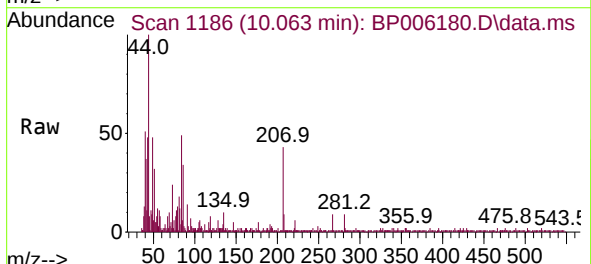
Instrument :
BNA_P
ClientSampleId :
PB137592BL

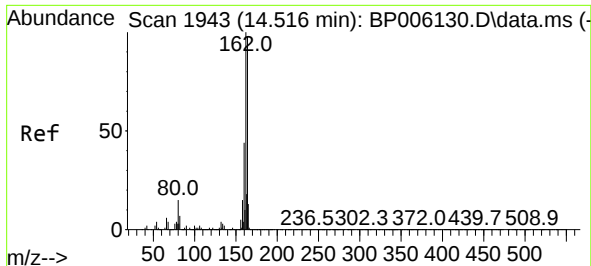
Tgt Ion: 82 Resp: 893704
Ion Ratio Lower Upper
82 100
128 49.8 35.7 53.5
54 46.1 35.0 52.4



#32
Benzoic acid
Concen: 6.91 ng
RT: 10.063 min Scan# 1186
Delta R.T. 0.000 min
Lab File: BP006180.D
Acq: 10 Jul 2021 15:16

Tgt Ion: 122 Resp: 23
Ion Ratio Lower Upper
122 100
105 234.8 103.2 143.2#
77 382.6 76.2 116.2#

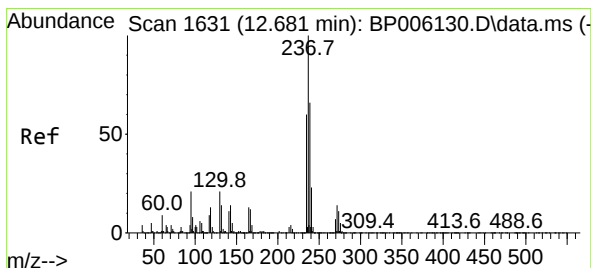
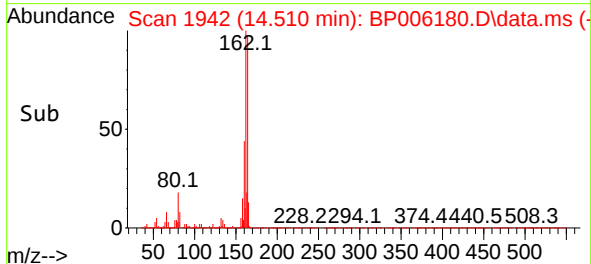
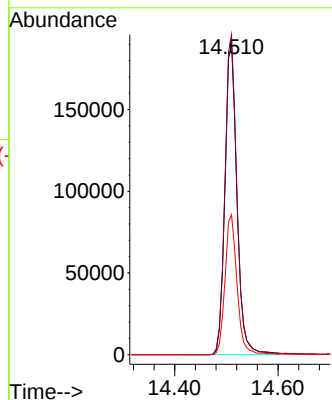
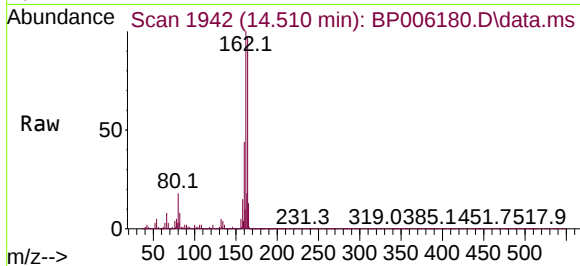




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.510 min Scan# 1942
Delta R.T. -0.006 min
Lab File: BP006180.D
Acq: 10 Jul 2021 15:16

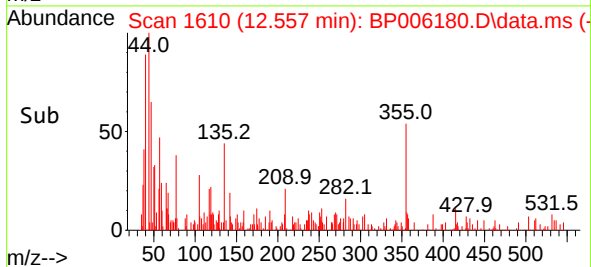
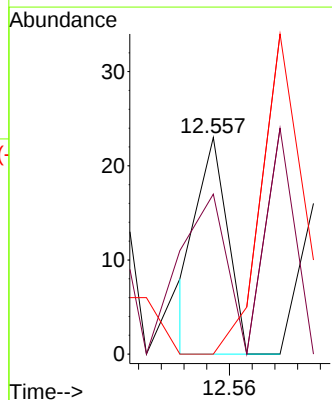
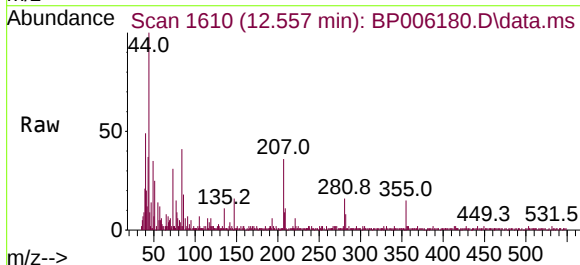
Instrument :
BNA_P
ClientSampleId :
PB137592BL

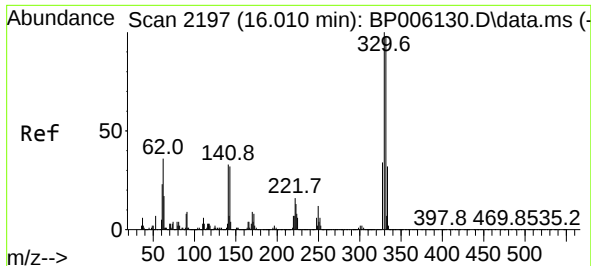
Tgt Ion:164 Resp: 306612
Ion Ratio Lower Upper
164 100
162 103.0 80.2 120.2
160 45.1 34.5 51.7



#41
Hexachlorocyclopentadiene
Concen: 8.70 ng
RT: 12.557 min Scan# 1610
Delta R.T. -0.124 min
Lab File: BP006180.D
Acq: 10 Jul 2021 15:16

Tgt Ion:237 Resp: 8
Ion Ratio Lower Upper
237 100
235 73.9 44.5 84.5
272 0.0 0.0 32.5

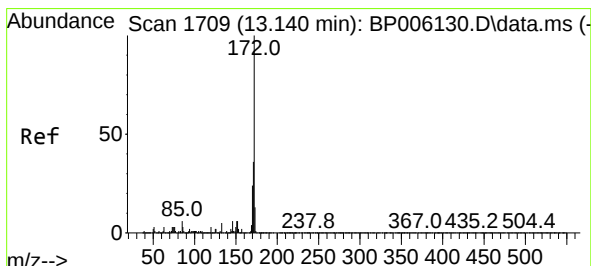
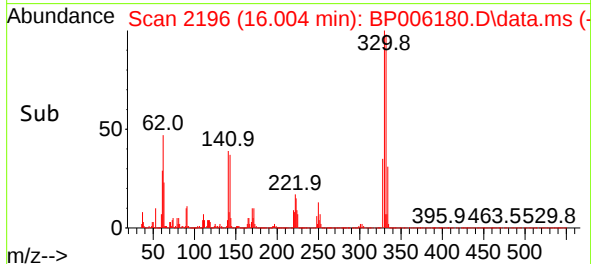
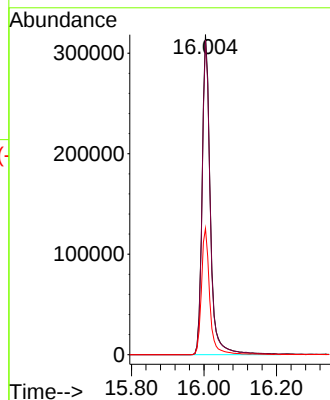
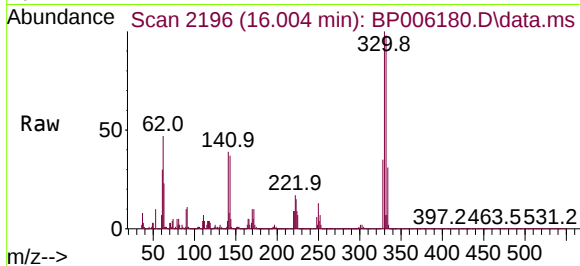




#42
2,4,6-Tribromophenol
Concen: 137.40 ng
RT: 16.004 min Scan# 2196
Delta R.T. -0.006 min
Lab File: BP006180.D
Acq: 10 Jul 2021 15:16

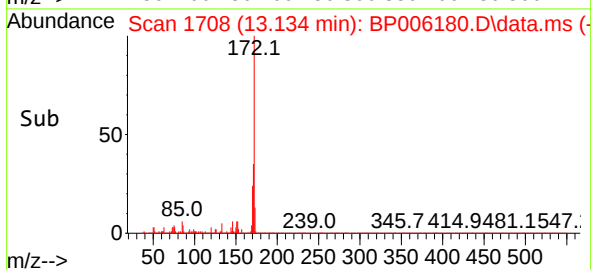
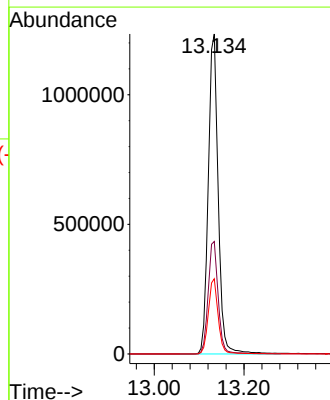
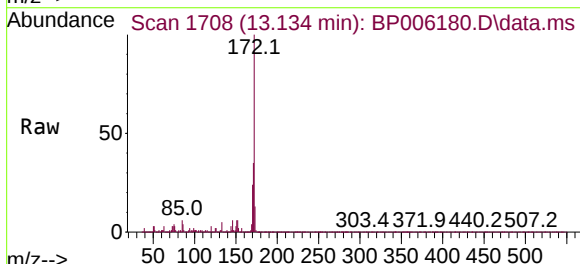
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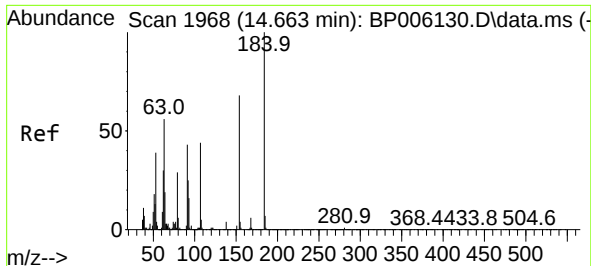
Tgt Ion:330 Resp: 501576
Ion Ratio Lower Upper
330 100
332 97.8 77.8 116.8
141 39.6 25.4 38.2#



#45
2-Fluorobiphenyl
Concen: 91.24 ng
RT: 13.134 min Scan# 1708
Delta R.T. -0.006 min
Lab File: BP006180.D
Acq: 10 Jul 2021 15:16

Tgt Ion:172 Resp: 1892372
Ion Ratio Lower Upper
172 100
171 35.2 27.9 41.9
170 23.5 18.6 27.8

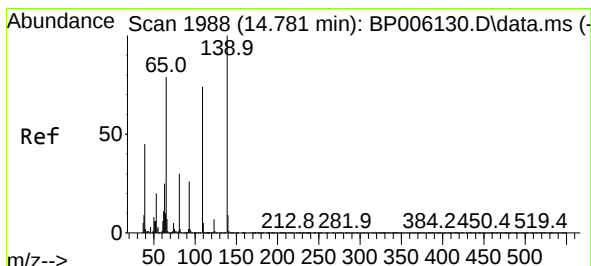
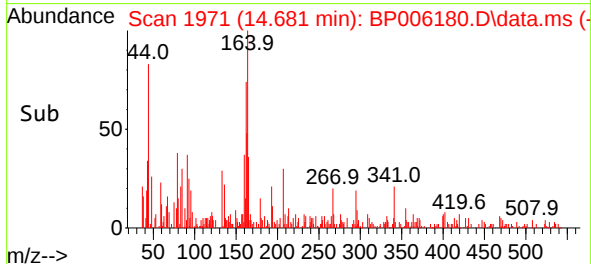
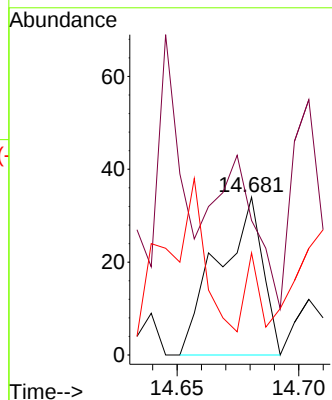
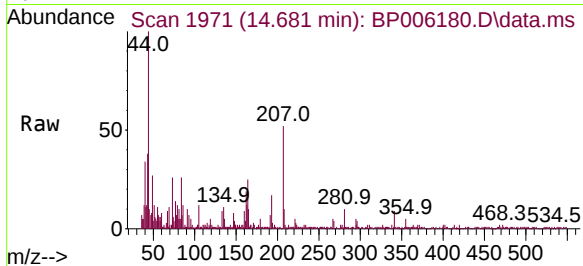




#54
2,4-Dinitrophenol
Concen: 8.89 ng
RT: 14.681 min Scan# 1971
Delta R.T. 0.018 min
Lab File: BP006180.D
Acq: 10 Jul 2021 15:16

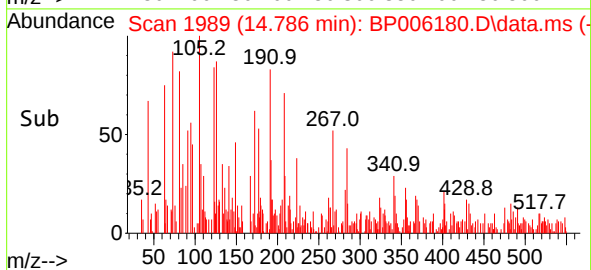
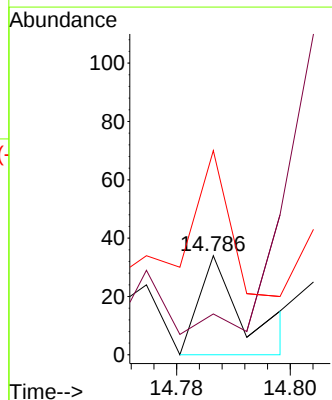
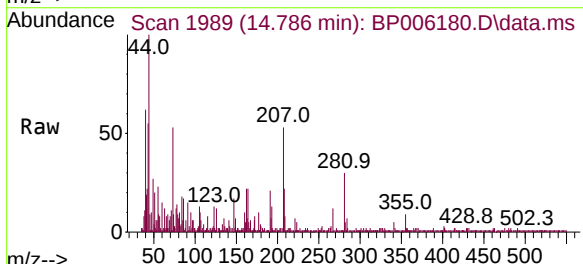
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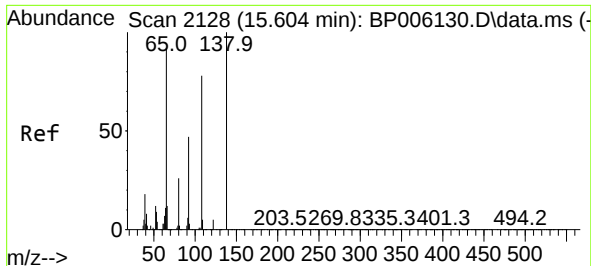
Tgt Ion:184 Resp: 43
Ion Ratio Lower Upper
184 100
63 85.3 47.0 70.6#
154 64.7 52.3 78.5



#56
4-Nitrophenol
Concen: 7.13 ng
RT: 14.786 min Scan# 1989
Delta R.T. 0.005 min
Lab File: BP006180.D
Acq: 10 Jul 2021 15:16

Tgt Ion:139 Resp: 19
Ion Ratio Lower Upper
139 100
109 41.2 72.3 112.3#
65 205.9 72.5 112.5#

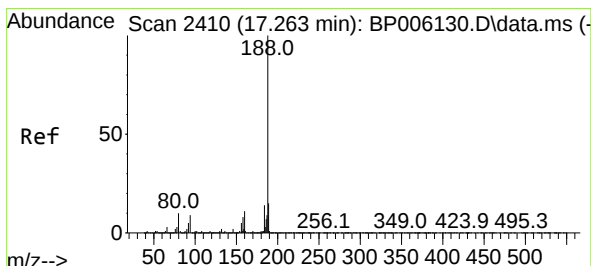
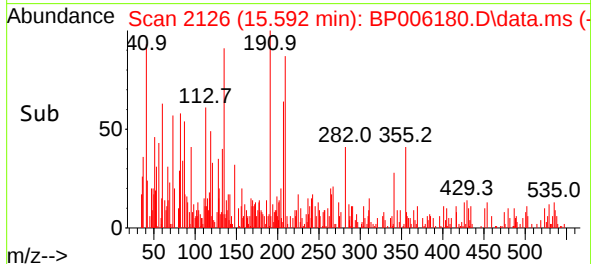
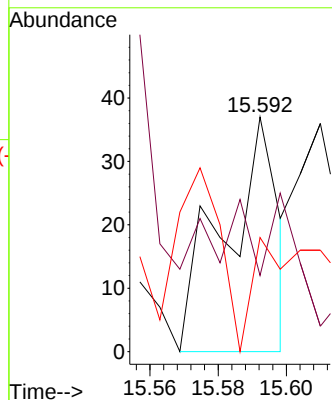
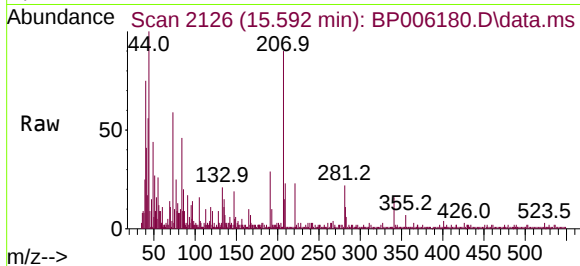




#62
4-Nitroaniline
Concen: 2.97 ng
RT: 15.592 min Scan# 2126
Delta R.T. -0.012 min
Lab File: BP006180.D
Acq: 10 Jul 2021 15:16

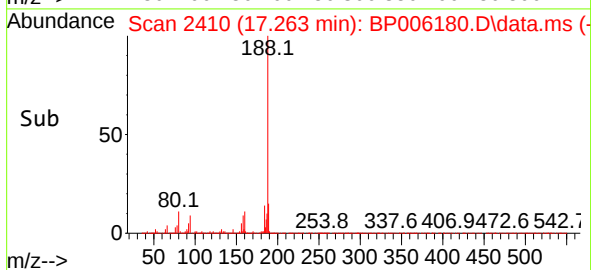
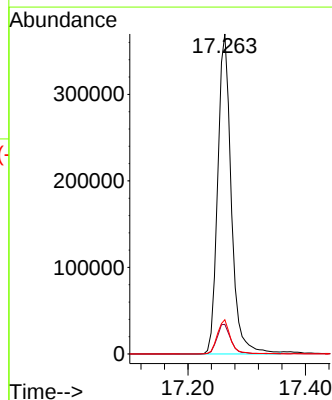
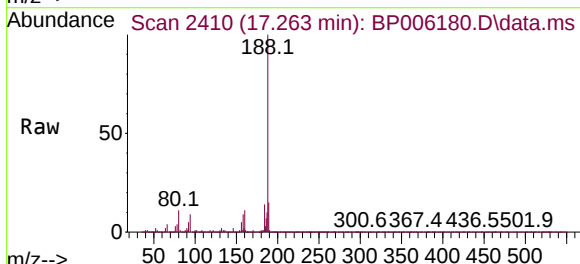
Instrument :
BNA_P
ClientSampleId :
PB137592BL

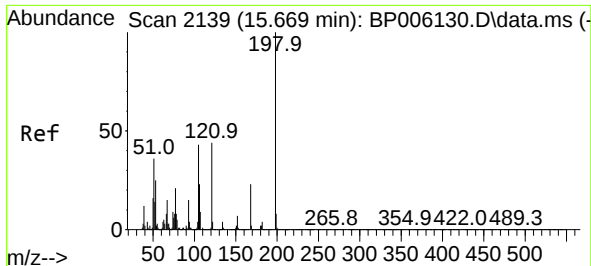
Tgt Ion:138 Resp: 40
Ion Ratio Lower Upper
138 100
92 25.0 31.2 71.2#
108 37.5 78.6 118.6#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.263 min Scan# 2410
Delta R.T. -0.000 min
Lab File: BP006180.D
Acq: 10 Jul 2021 15:16

Tgt Ion:188 Resp: 593203
Ion Ratio Lower Upper
188 100
94 9.2 5.6 8.4#
80 10.7 6.3 9.5#

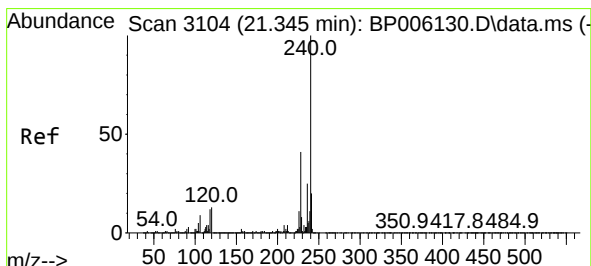
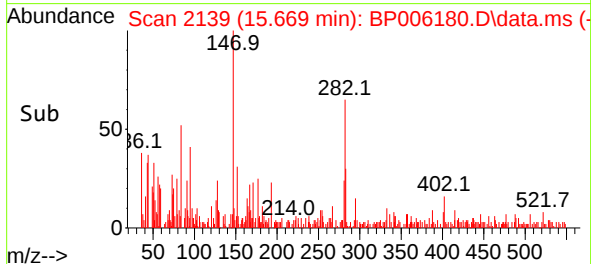
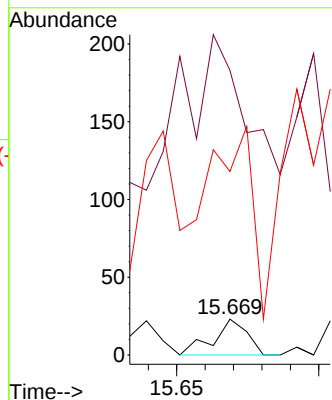
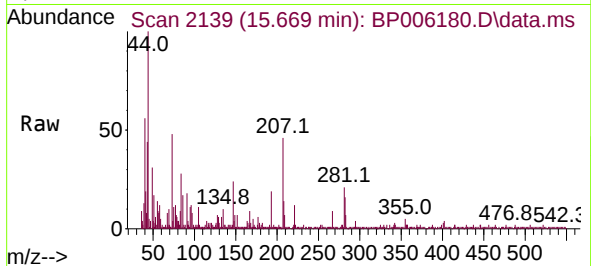




#65
4,6-Dinitro-2-methylphenol
Concen: 4.42 ng
RT: 15.669 min Scan# 2139
Delta R.T. -0.000 min
Lab File: BP006180.D
Acq: 10 Jul 2021 15:16

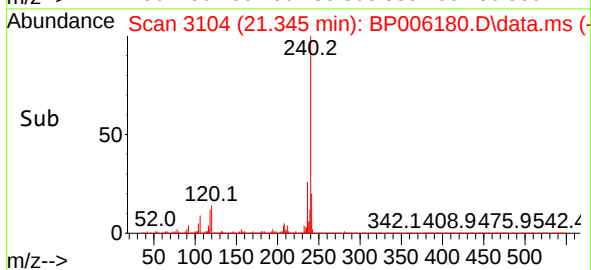
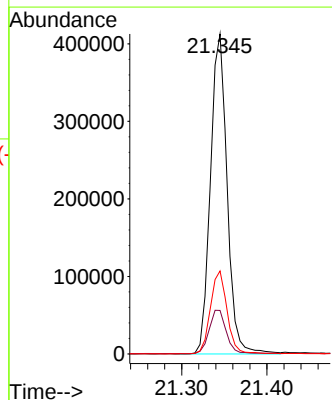
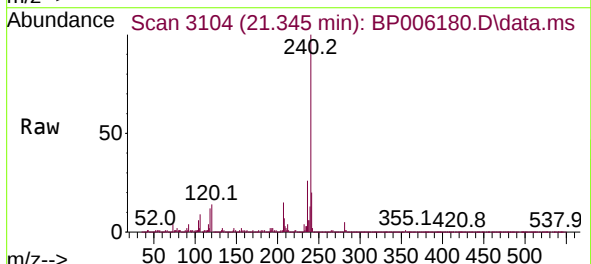
Instrument :
BNA_P
ClientSampleId :
PB137592BL

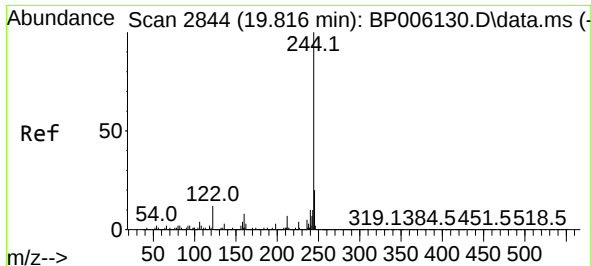
Tgt Ion:198 Resp: 19
Ion Ratio Lower Upper
198 100
51 843.5 14.0 54.0#
105 513.0 19.5 59.5#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.345 min Scan# 3104
Delta R.T. -0.000 min
Lab File: BP006180.D
Acq: 10 Jul 2021 15:16

Tgt Ion:240 Resp: 562055
Ion Ratio Lower Upper
240 100
120 13.6 6.5 9.7#
236 25.9 20.6 31.0

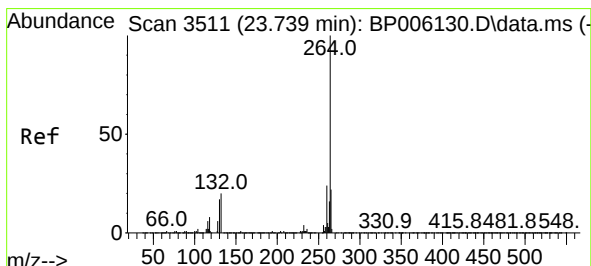
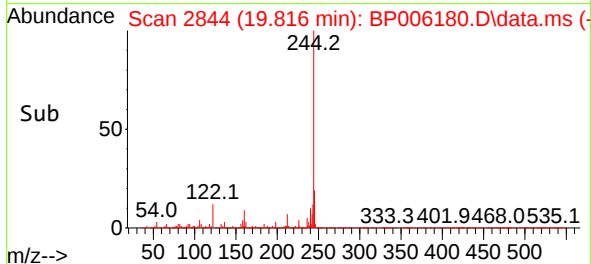
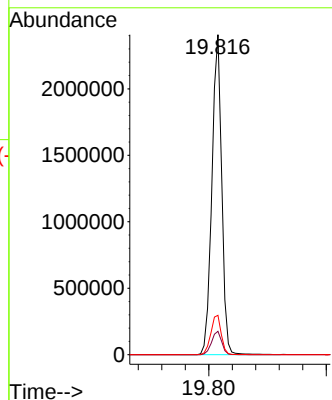
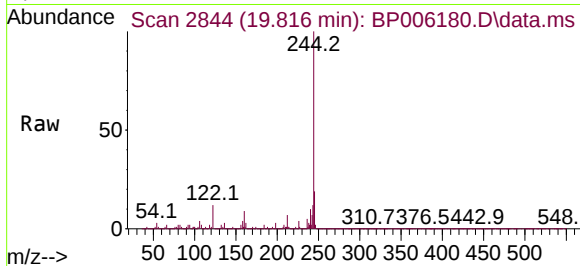




#79
Terphenyl-d14
Concen: 97.47 ng
RT: 19.816 min Scan# 2844
Delta R.T. -0.000 min
Lab File: BP006180.D
Acq: 10 Jul 2021 15:16

Instrument :
BNA_P
ClientSampleId :
PB137592BL

Tgt Ion:244 Resp: 2778501
Ion Ratio Lower Upper
244 100
212 7.3 6.0 9.0
122 12.3 7.1 10.7#



#86
Perylene-d12
Concen: 20.00 ng
RT: 23.739 min Scan# 3511
Delta R.T. -0.000 min
Lab File: BP006180.D
Acq: 10 Jul 2021 15:16

Tgt Ion:264 Resp: 668271
Ion Ratio Lower Upper
264 100
260 23.4 18.6 28.0
265 22.0 17.6 26.4

