

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070921\
 Data File : BP006173.D
 Acq On : 09 Jul 2021 22:06
 Operator : CG/JU
 Sample : M2990-04
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 TP-G

Quant Time: Jul 10 01:13:58 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)

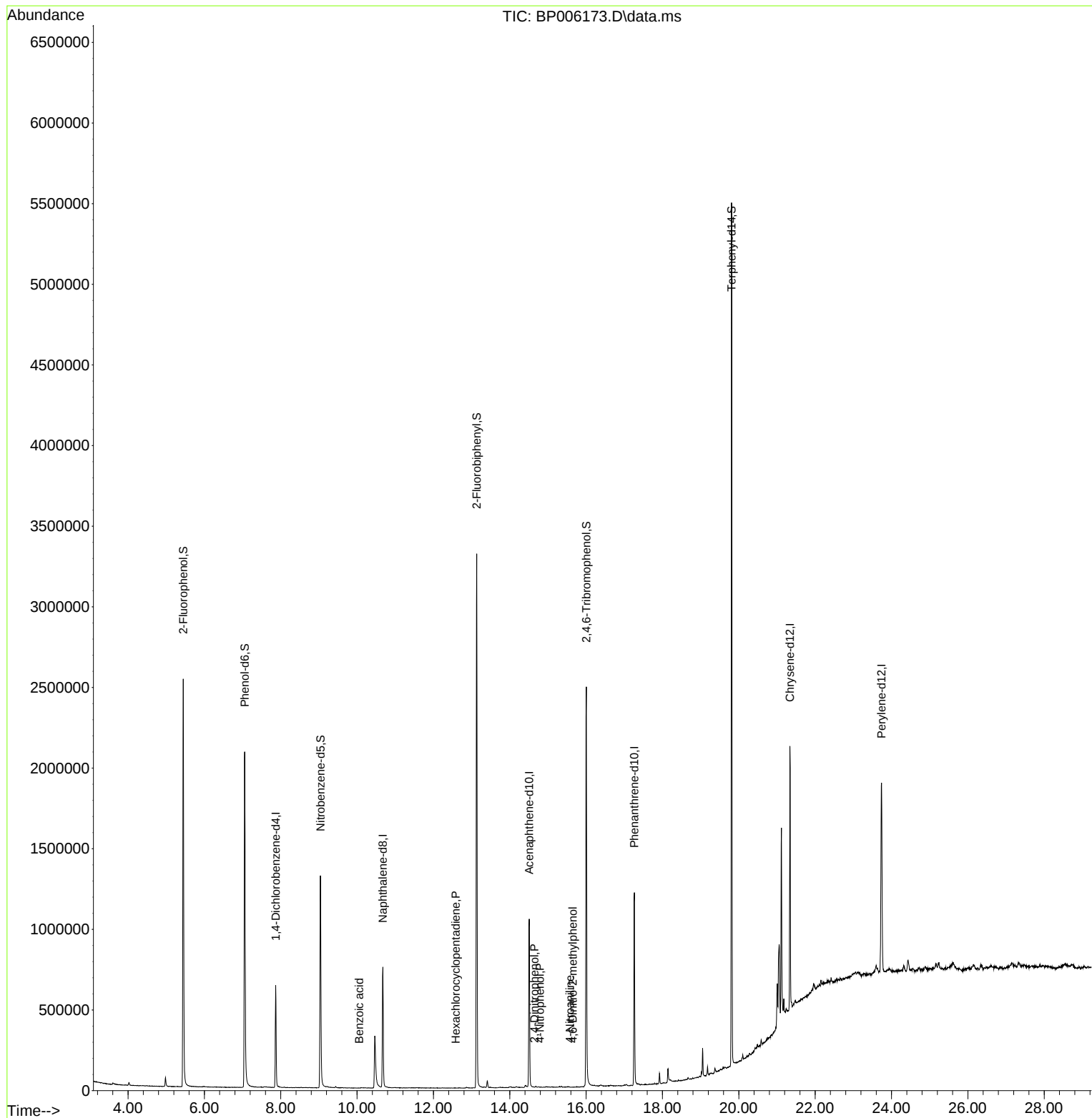
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.869	152	186876	20.00	ng	0.00
21) Naphthalene-d8	10.675	136	686754	20.00	ng	0.00
39) Acenaphthene-d10	14.510	164	383768	20.00	ng	0.00
64) Phenanthrene-d10	17.263	188	743678	20.00	ng	# 0.00
76) Chrysene-d12	21.339	240	742286	20.00	ng	# 0.00
86) Perylene-d12	23.739	264	861698	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.446	112	1261961	116.19	ng	-0.01
7) Phenol-d6	7.058	99	1458549	101.53	ng	0.00
23) Nitrobenzene-d5	9.040	82	819959	75.42	ng	0.00
42) 2,4,6-Tribromophenol	16.004	330	513226	112.33	ng	0.00
45) 2-Fluorobiphenyl	13.134	172	1727458	66.54	ng	0.00
79) Terphenyl-d14	19.810	244	2308431	61.32	ng	0.00
Target Compounds						
						Qvalue
32) Benzoic acid	10.057	122	23	6.91	ng	# 1
41) Hexachlorocyclopentadiene	12.587	237	20	8.71	ng	90
54) 2,4-Dinitrophenol	14.645	184	36	8.89	ng	# 1
56) 4-Nitrophenol	14.787	139	96	7.14	ng	92
62) 4-Nitroaniline	15.575	138	91	2.97	ng	# 74
65) 4,6-Dinitro-2-methylph...	15.651	198	31	4.42	ng	# 1

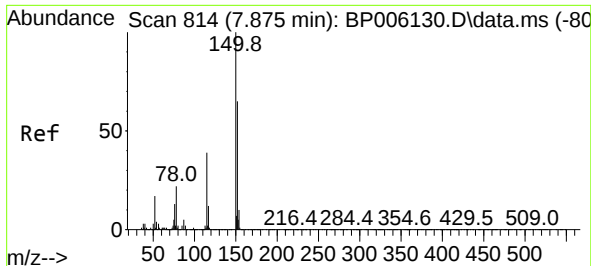
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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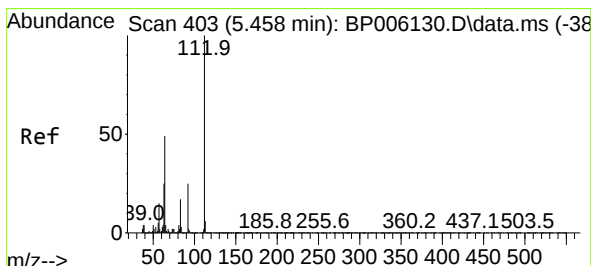
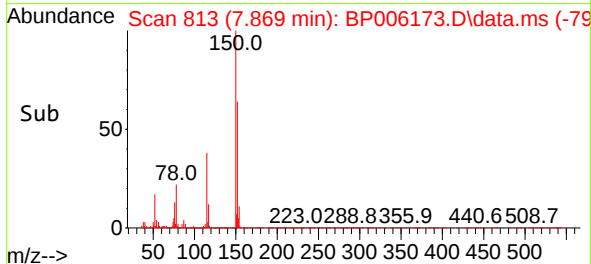
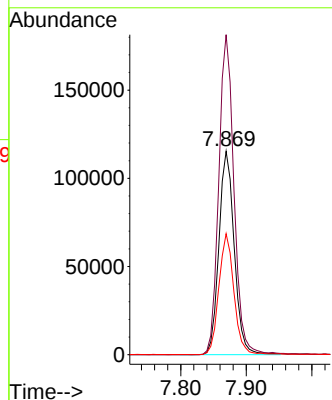
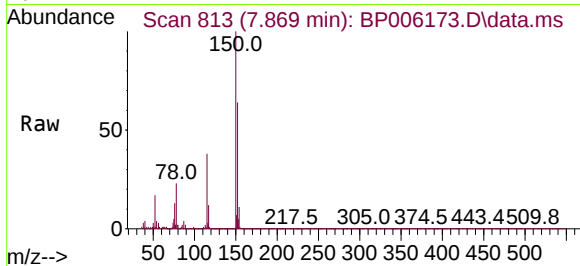




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.869 min Scan# 813
Delta R.T. -0.006 min
Lab File: BP006173.D
Acq: 09 Jul 2021 22:06

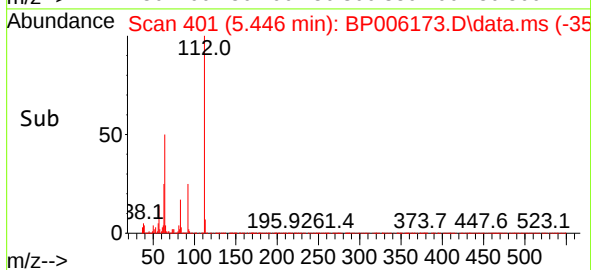
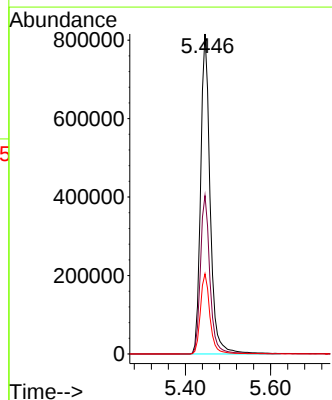
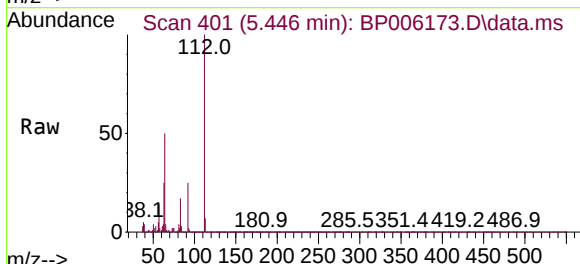
Instrument :
BNA_P
ClientSampleId :
TP-G

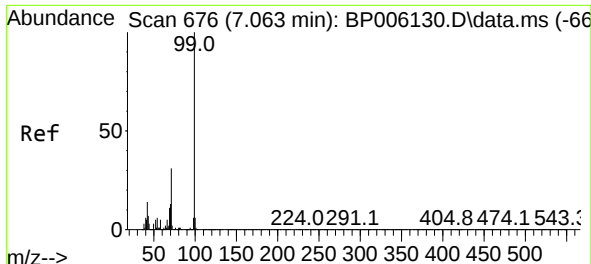
Tgt Ion:152 Resp: 186876
Ion Ratio Lower Upper
152 100
150 157.3 125.6 188.4
115 59.5 48.5 72.7



#5
2-Fluorophenol
Concen: 116.19 ng
RT: 5.446 min Scan# 401
Delta R.T. -0.012 min
Lab File: BP006173.D
Acq: 09 Jul 2021 22:06

Tgt Ion:112 Resp: 1261961
Ion Ratio Lower Upper
112 100
64 49.5 41.4 62.2
63 25.1 23.8 35.8

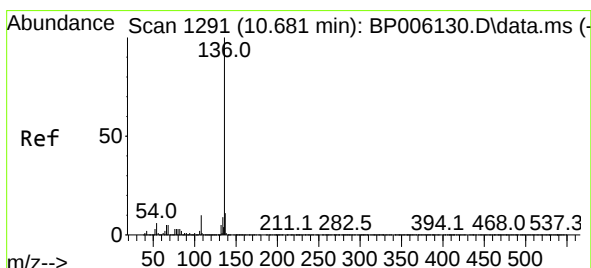
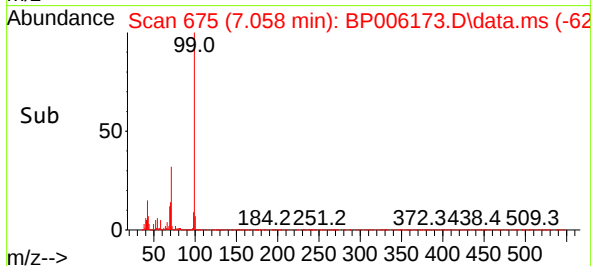
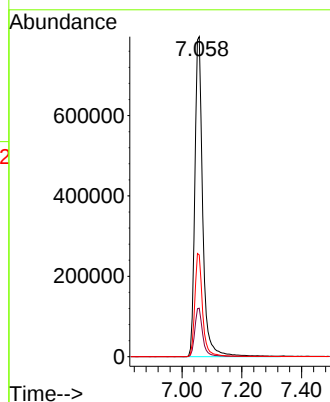
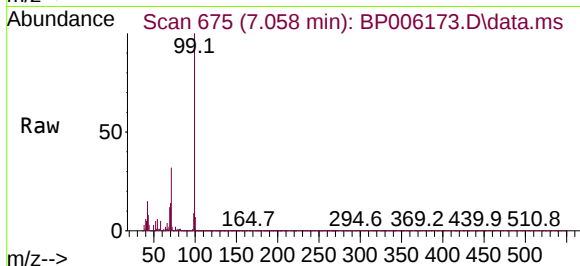




#7
Phenol-d6
Concen: 101.53 ng
RT: 7.058 min Scan# 675
Delta R.T. -0.006 min
Lab File: BP006173.D
Acq: 09 Jul 2021 22:06

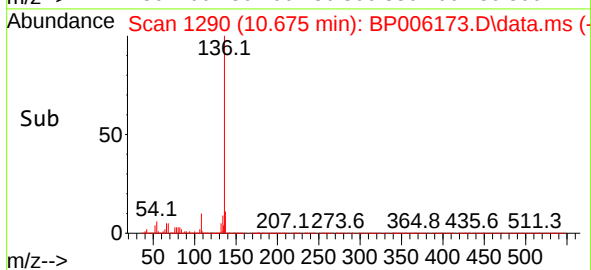
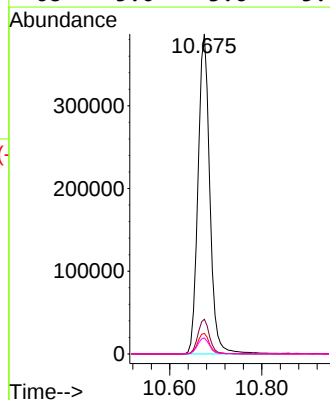
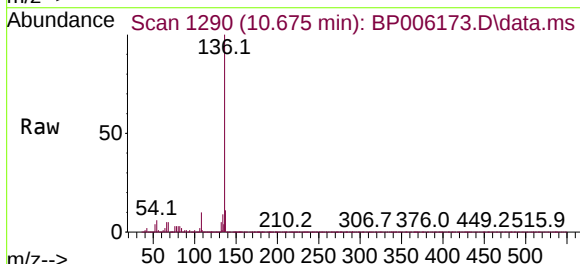
Instrument :
BNA_P
ClientSampleId :
TP-G

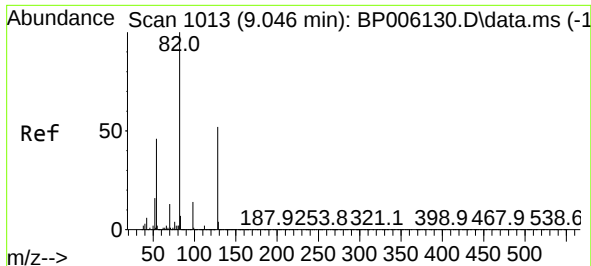
Tgt Ion: 99 Resp: 1458549
Ion Ratio Lower Upper
99 100
42 15.2 13.4 20.0
71 31.8 30.6 46.0



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.675 min Scan# 1290
Delta R.T. -0.006 min
Lab File: BP006173.D
Acq: 09 Jul 2021 22:06

Tgt Ion: 136 Resp: 686754
Ion Ratio Lower Upper
136 100
137 10.8 8.6 12.8
54 6.4 4.6 6.8
68 5.0 3.6 5.4

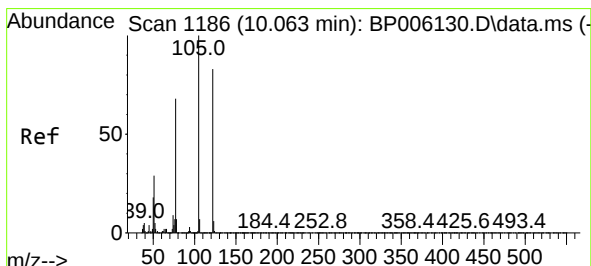
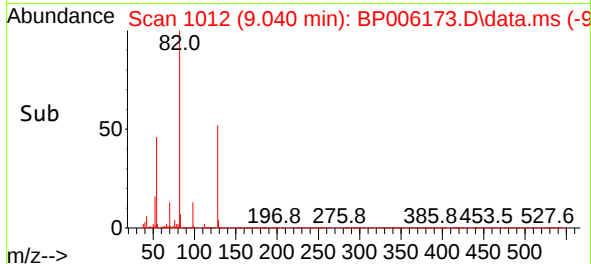
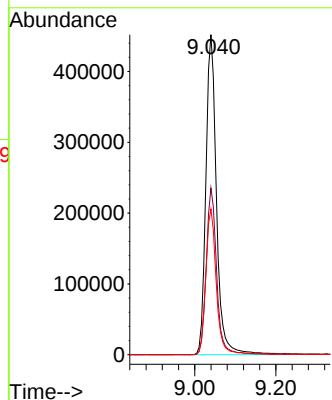
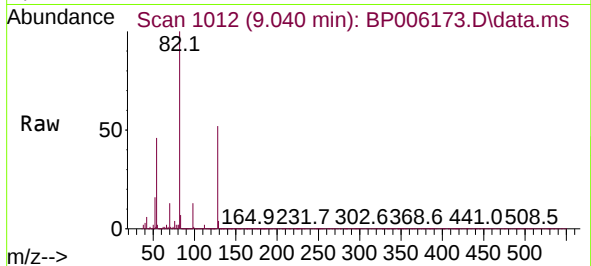




#23
Nitrobenzene-d5
Concen: 75.42 ng
RT: 9.040 min Scan# 1012
Delta R.T. -0.006 min
Lab File: BP006173.D
Acq: 09 Jul 2021 22:06

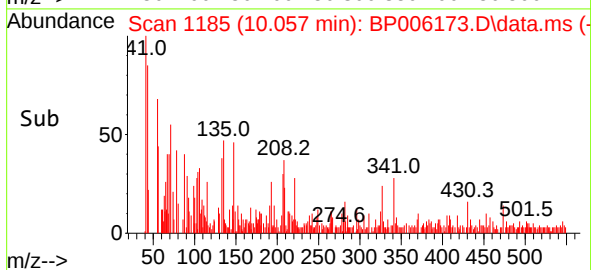
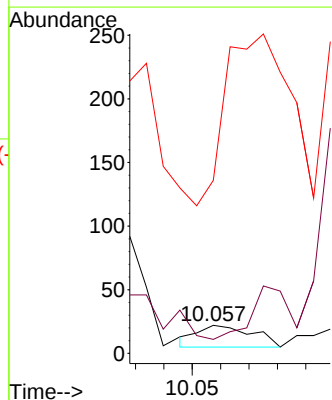
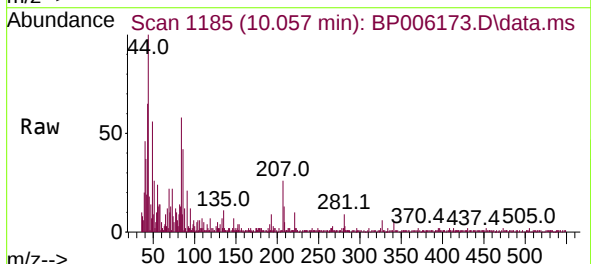
Instrument :
BNA_P
ClientSampleId :
TP-G

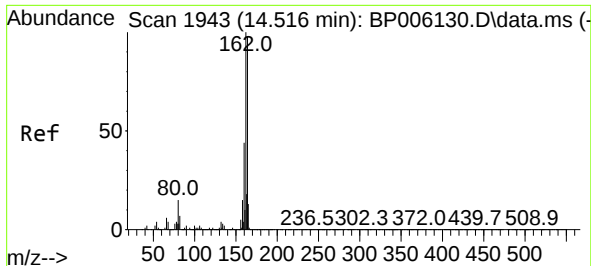
Tgt Ion: 82 Resp: 819959
Ion Ratio Lower Upper
82 100
128 52.1 35.7 53.5
54 45.6 35.0 52.4



#32
Benzoic acid
Concen: 6.91 ng
RT: 10.057 min Scan# 1185
Delta R.T. -0.006 min
Lab File: BP006173.D
Acq: 09 Jul 2021 22:06

Tgt Ion: 122 Resp: 23
Ion Ratio Lower Upper
122 100
105 50.0 103.2 143.2#
77 618.2 76.2 116.2#

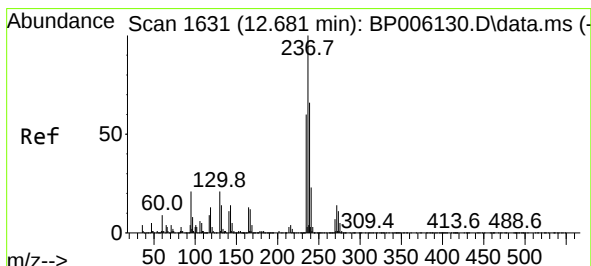
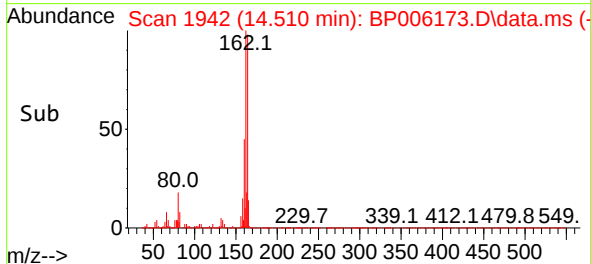
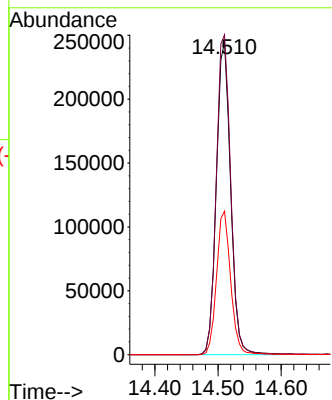
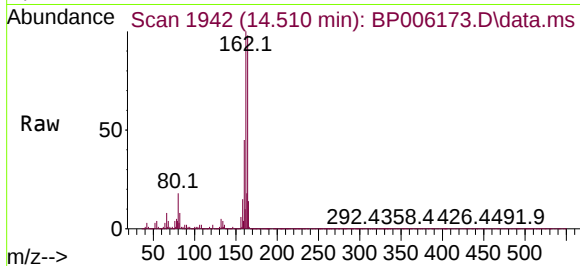




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.510 min Scan# 1942
Delta R.T. -0.006 min
Lab File: BP006173.D
Acq: 09 Jul 2021 22:06

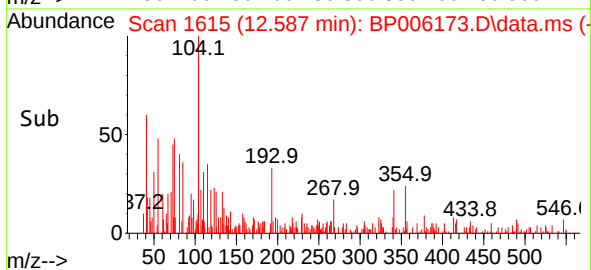
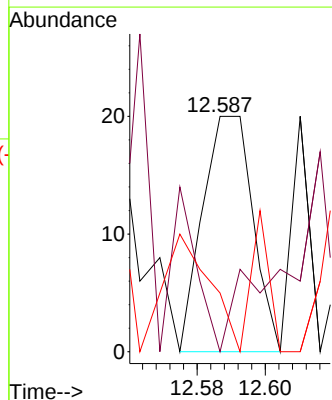
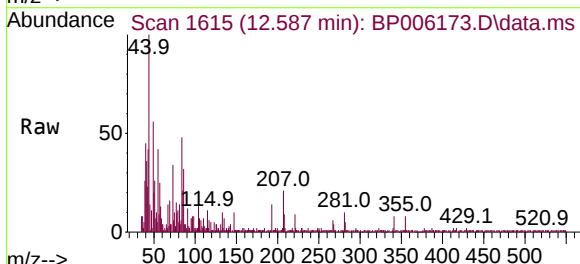
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ClientSampleId :
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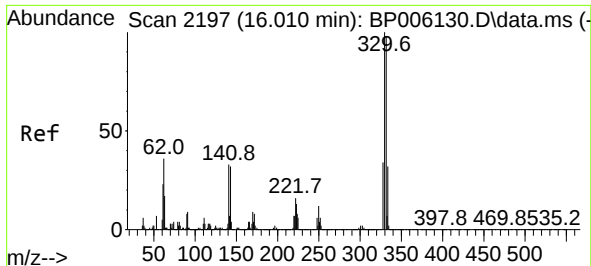
Tgt Ion:164 Resp: 383768
Ion Ratio Lower Upper
164 100
162 102.3 80.2 120.2
160 45.9 34.5 51.7



#41
Hexachlorocyclopentadiene
Concen: 8.71 ng
RT: 12.587 min Scan# 1615
Delta R.T. -0.094 min
Lab File: BP006173.D
Acq: 09 Jul 2021 22:06

Tgt Ion:237 Resp: 20
Ion Ratio Lower Upper
237 100
235 60.0 44.5 84.5
272 25.0 0.0 32.5

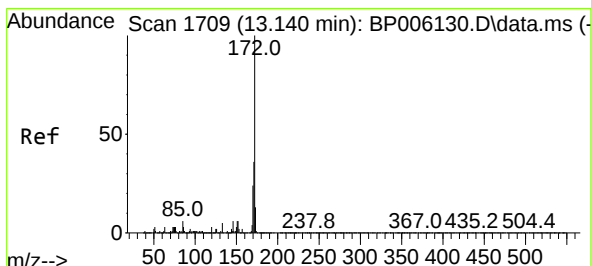
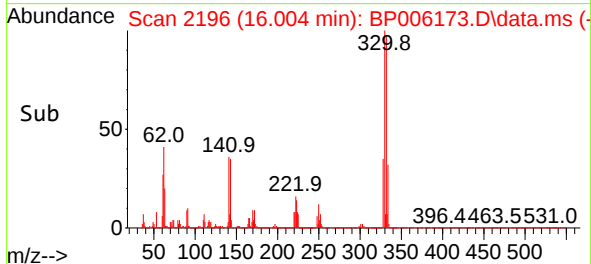
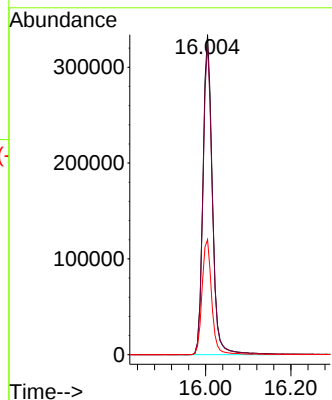
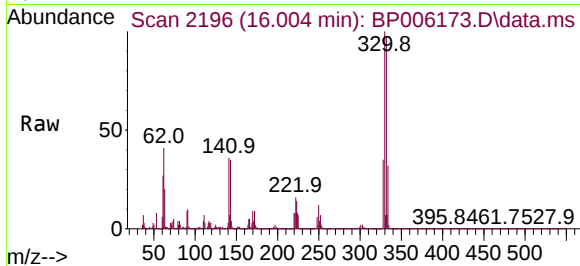




#42
2,4,6-Tribromophenol
Concen: 112.33 ng
RT: 16.004 min Scan# 2196
Delta R.T. -0.006 min
Lab File: BP006173.D
Acq: 09 Jul 2021 22:06

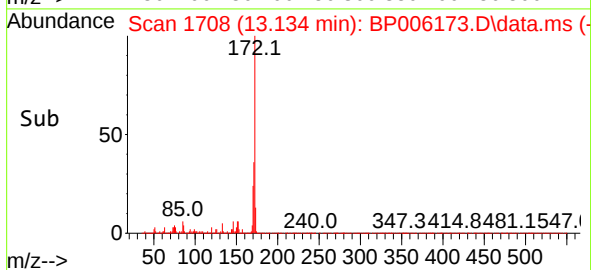
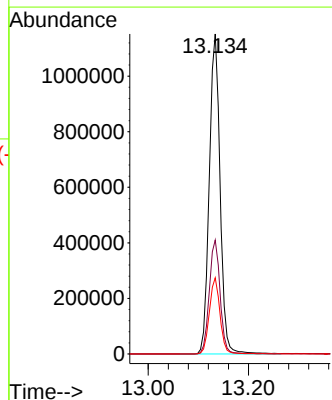
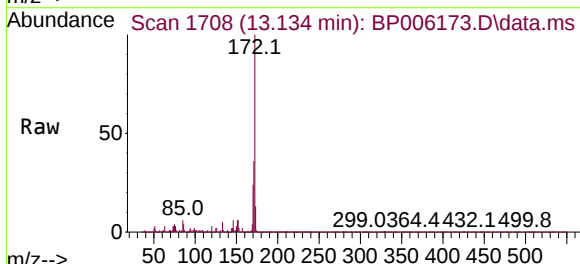
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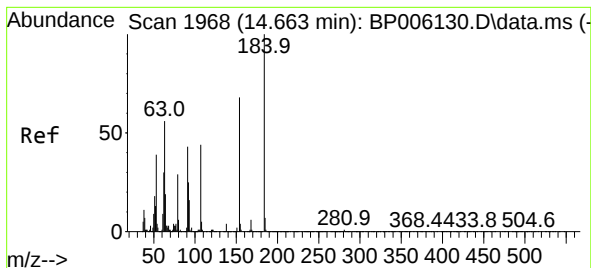
Tgt Ion:330 Resp: 513226
Ion Ratio Lower Upper
330 100
332 96.8 77.8 116.8
141 36.9 25.4 38.2



#45
2-Fluorobiphenyl
Concen: 66.54 ng
RT: 13.134 min Scan# 1708
Delta R.T. -0.006 min
Lab File: BP006173.D
Acq: 09 Jul 2021 22:06

Tgt Ion:172 Resp: 1727458
Ion Ratio Lower Upper
172 100
171 35.6 27.9 41.9
170 23.8 18.6 27.8

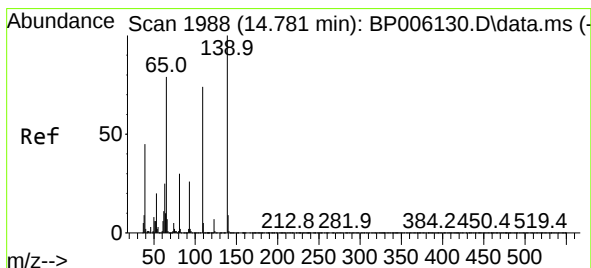
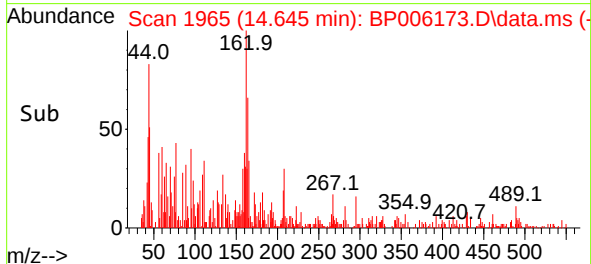
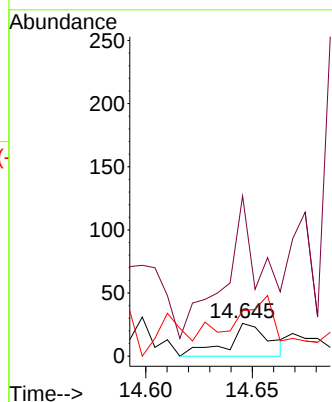
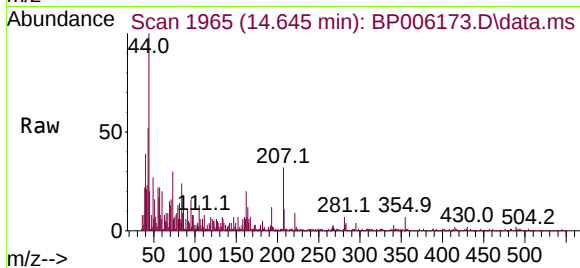




#54
2,4-Dinitrophenol
Concen: 8.89 ng
RT: 14.645 min Scan# 1965
Delta R.T. -0.018 min
Lab File: BP006173.D
Acq: 09 Jul 2021 22:06

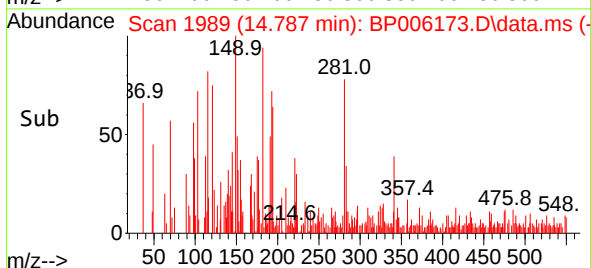
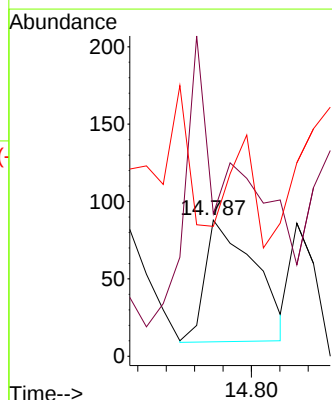
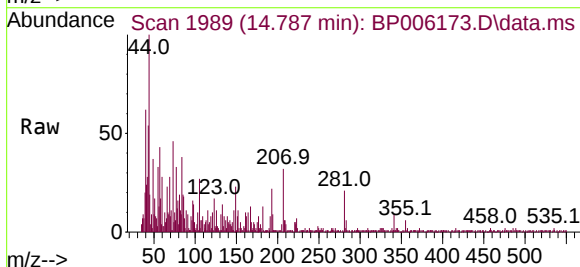
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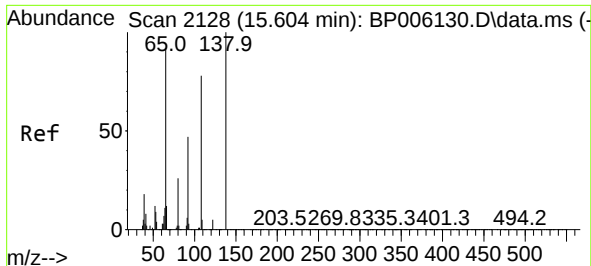
Tgt Ion:	184	Resp:	36
Ion	Ratio	Lower	Upper
184	100		
63	334.2	47.0	70.6#
154	152.6	52.3	78.5#



#56
4-Nitrophenol
Concen: 7.14 ng
RT: 14.787 min Scan# 1989
Delta R.T. 0.006 min
Lab File: BP006173.D
Acq: 09 Jul 2021 22:06

Tgt Ion:	139	Resp:	96
Ion	Ratio	Lower	Upper
139	100		
109	104.5	72.3	112.3
65	95.5	72.5	112.5

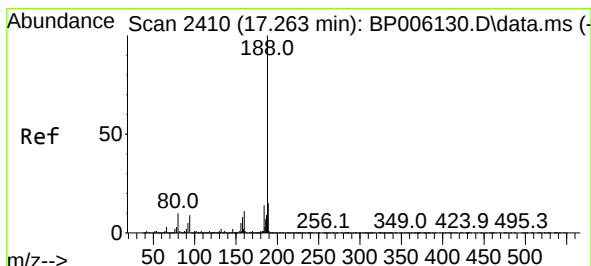
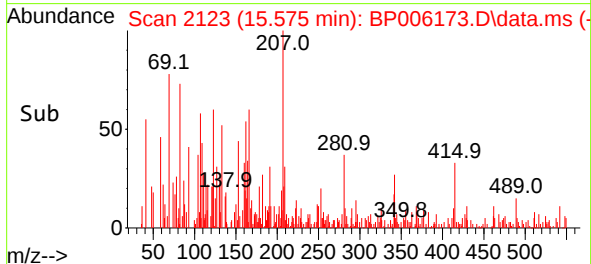
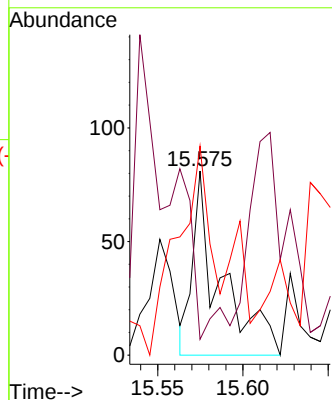
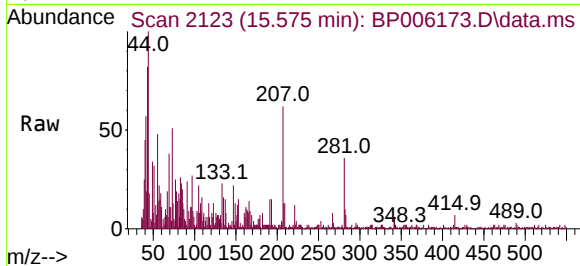




#62
4-Nitroaniline
Concen: 2.97 ng
RT: 15.575 min Scan# 2123
Delta R.T. -0.029 min
Lab File: BP006173.D
Acq: 09 Jul 2021 22:06

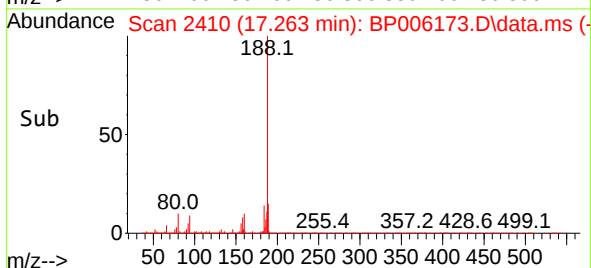
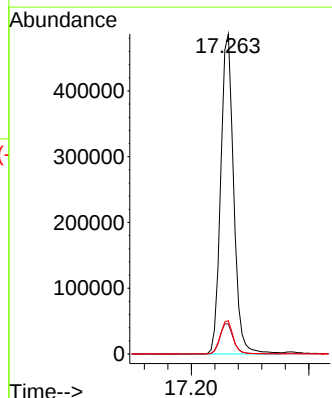
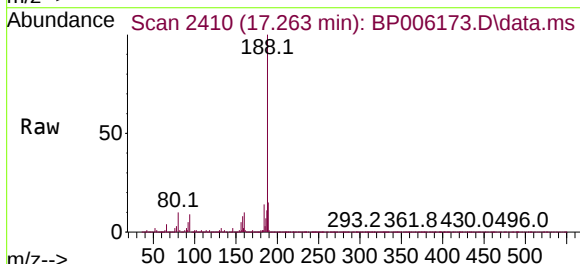
Instrument :
BNA_P
ClientSampleId :
TP-G

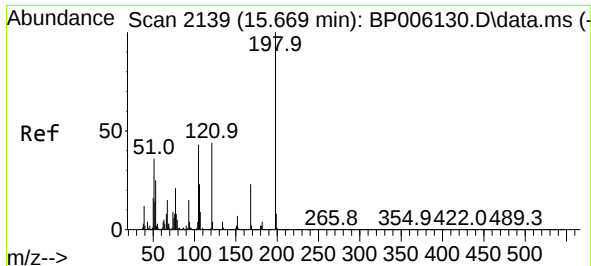
Tgt Ion:138 Resp: 91
Ion Ratio Lower Upper
138 100
92 8.0 31.2 71.2#
108 105.7 78.6 118.6



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.263 min Scan# 2410
Delta R.T. -0.000 min
Lab File: BP006173.D
Acq: 09 Jul 2021 22:06

Tgt Ion:188 Resp: 743678
Ion Ratio Lower Upper
188 100
94 9.4 5.6 8.4#
80 10.4 6.3 9.5#

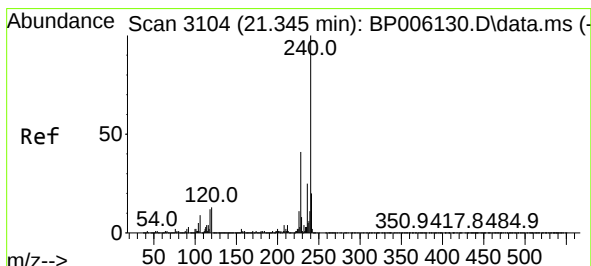
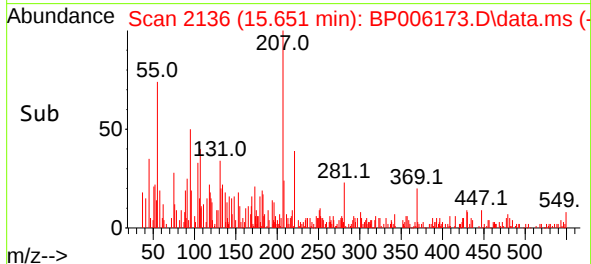
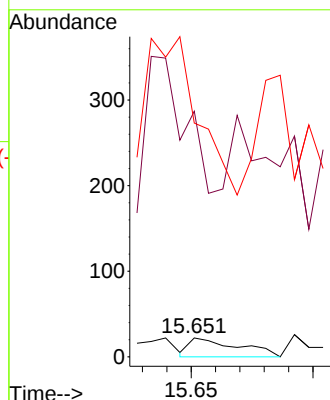
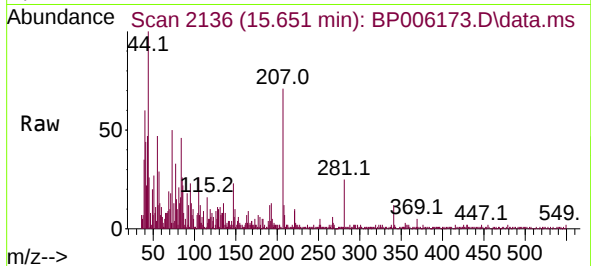




#65
4,6-Dinitro-2-methylphenol
Concen: 4.42 ng
RT: 15.651 min Scan# 2136
Delta R.T. -0.018 min
Lab File: BP006173.D
Acq: 09 Jul 2021 22:06

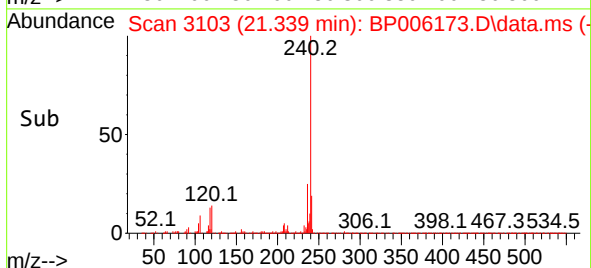
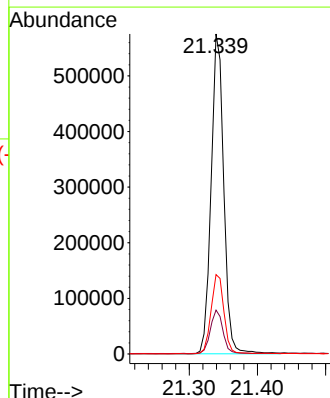
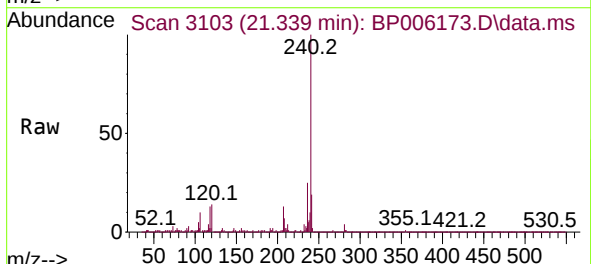
Instrument :
BNA_P
ClientSampled :
TP-G

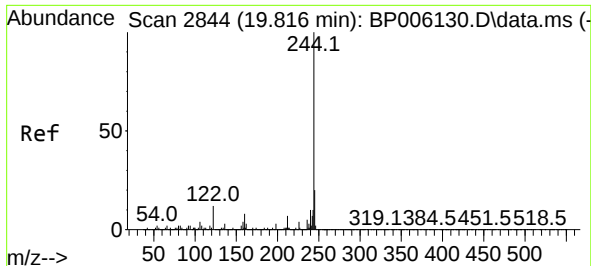
Tgt Ion:198 Resp: 31
Ion Ratio Lower Upper
198 100
51 1304.5 14.0 54.0#
105 1240.9 19.5 59.5#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.339 min Scan# 3103
Delta R.T. -0.006 min
Lab File: BP006173.D
Acq: 09 Jul 2021 22:06

Tgt Ion:240 Resp: 742286
Ion Ratio Lower Upper
240 100
120 13.7 6.5 9.7#
236 24.8 20.6 31.0

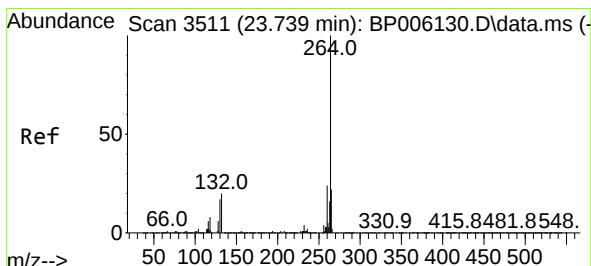
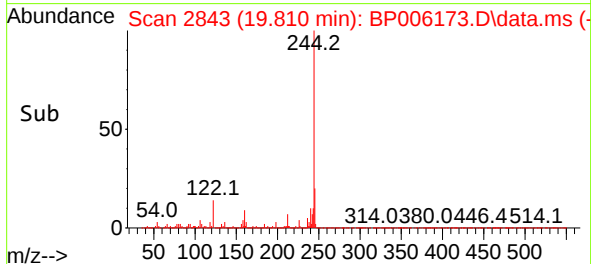
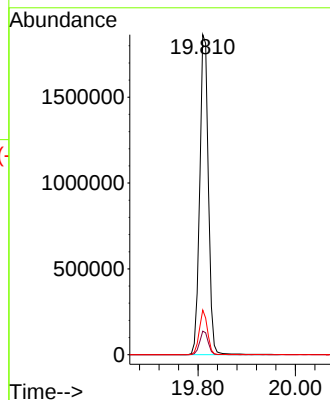
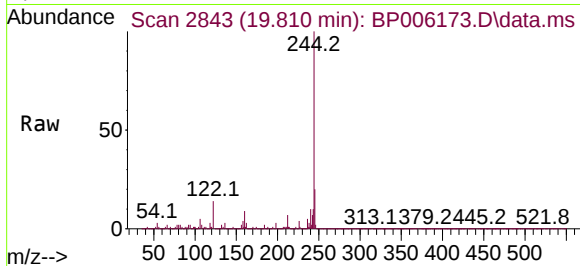




#79
 Terphenyl-d14
 Concen: 61.32 ng
 RT: 19.810 min Scan# 2843
 Delta R.T. -0.006 min
 Lab File: BP006173.D
 Acq: 09 Jul 2021 22:06

Instrument :
 BNA_P
 ClientSampleId :
 TP-G

Tgt Ion:244 Resp: 2308431
 Ion Ratio Lower Upper
 244 100
 212 7.3 6.0 9.0
 122 13.9 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: BP006173.D
 Acq: 09 Jul 2021 22:06

Tgt Ion:264 Resp: 861698
 Ion Ratio Lower Upper
 264 100
 260 23.3 18.6 28.0
 265 22.2 17.6 26.4

