

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070921\
 Data File : BP006171.D
 Acq On : 09 Jul 2021 20:57
 Operator : CG/JU
 Sample : M2990-16
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 TP-E

Quant Time: Jul 10 01:13:26 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)

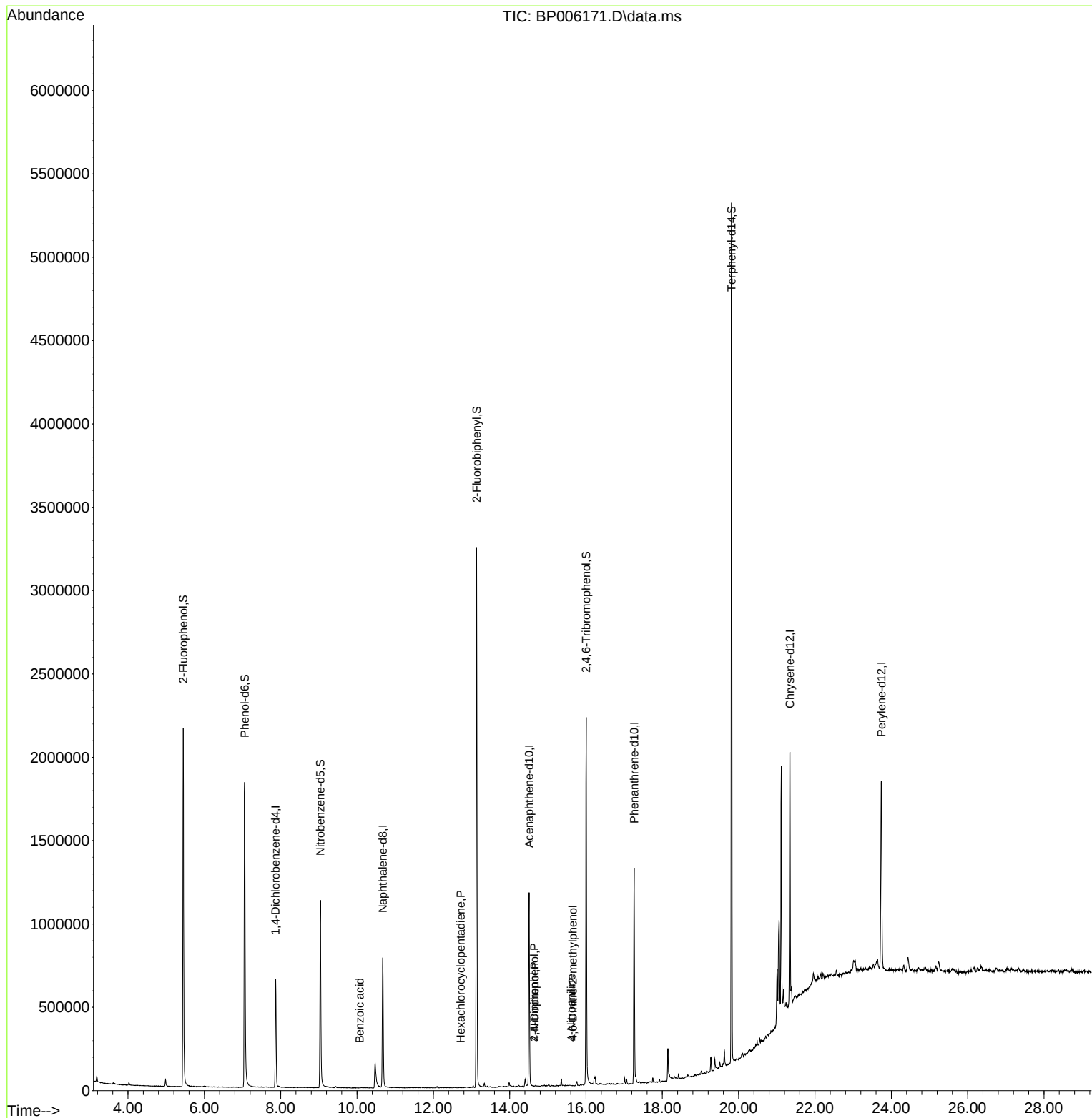
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.869	152	190646	20.00	ng	0.00
21) Naphthalene-d8	10.675	136	725032	20.00	ng	0.00
39) Acenaphthene-d10	14.510	164	403583	20.00	ng	0.00
64) Phenanthrene-d10	17.263	188	760773	20.00	ng	# 0.00
76) Chrysene-d12	21.345	240	711685	20.00	ng	# 0.00
86) Perylene-d12	23.739	264	822016	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.446	112	1075710	97.09	ng	-0.01
7) Phenol-d6	7.058	99	1262106	86.12	ng	0.00
23) Nitrobenzene-d5	9.040	82	719296	62.67	ng	0.00
42) 2,4,6-Tribromophenol	16.004	330	438092	91.18	ng	0.00
45) 2-Fluorobiphenyl	13.134	172	1660075	60.81	ng	0.00
79) Terphenyl-d14	19.816	244	2206886	61.14	ng	0.00
Target Compounds						
						Qvalue
32) Benzoic acid	10.069	122	34	6.91	ng	# 1
41) Hexachlorocyclopentadiene	12.716	237	9	8.70	ng	78
54) 2,4-Dinitrophenol	14.645	184	22	8.89	ng	# 47
56) 4-Nitrophenol	14.651	139	124	7.15	ng	97
62) 4-Nitroaniline	15.616	138	154	2.98	ng	87
65) 4,6-Dinitro-2-methylph...	15.657	198	48	4.43	ng	# 1

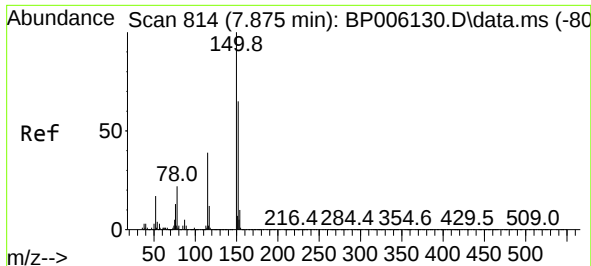
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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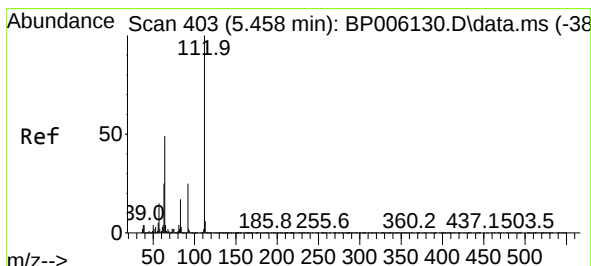
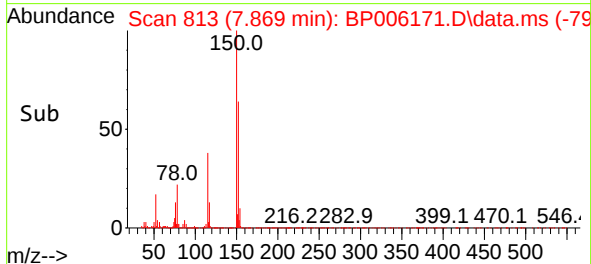
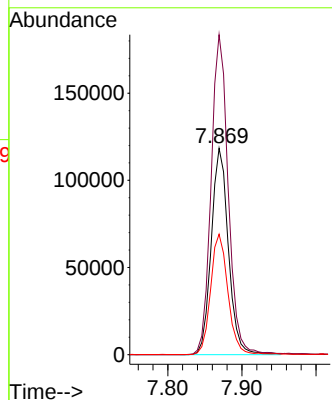
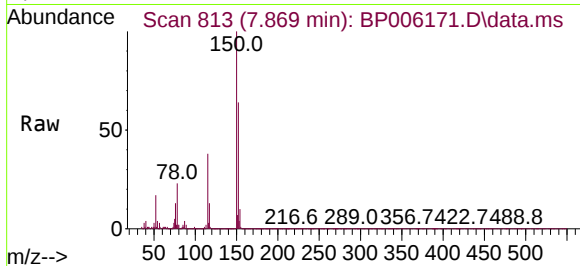




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.869 min Scan# 813
Delta R.T. -0.006 min
Lab File: BP006171.D
Acq: 09 Jul 2021 20:57

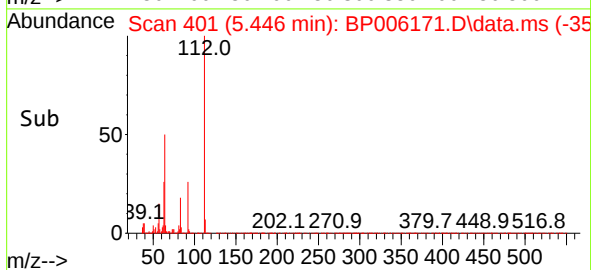
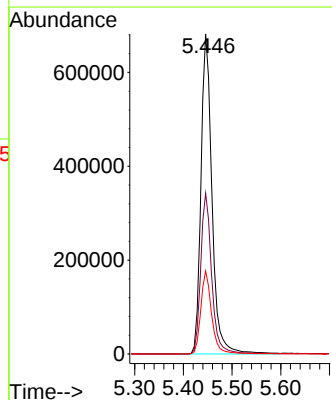
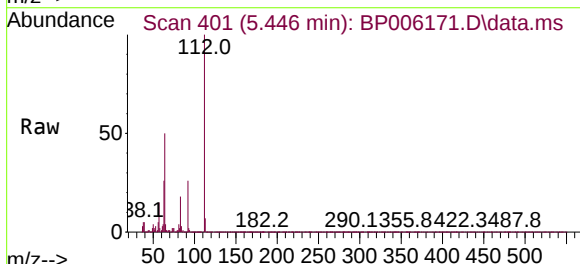
Instrument :
BNA_P
ClientSampleId :
TP-E

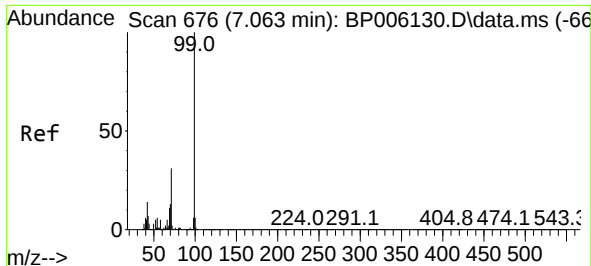
Tgt Ion:152 Resp: 190646
Ion Ratio Lower Upper
152 100
150 155.1 125.6 188.4
115 58.4 48.5 72.7



#5
2-Fluorophenol
Concen: 97.09 ng
RT: 5.446 min Scan# 401
Delta R.T. -0.012 min
Lab File: BP006171.D
Acq: 09 Jul 2021 20:57

Tgt Ion:112 Resp: 1075710
Ion Ratio Lower Upper
112 100
64 50.3 41.4 62.2
63 26.0 23.8 35.8

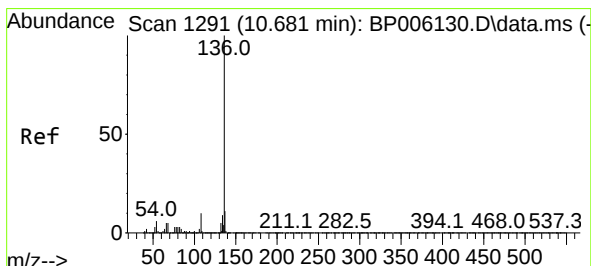
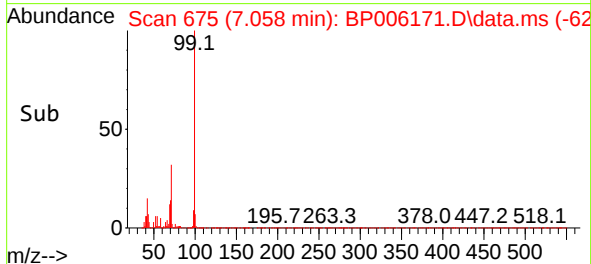
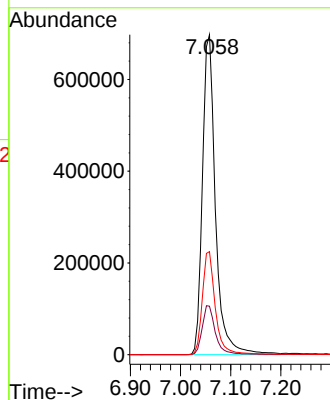
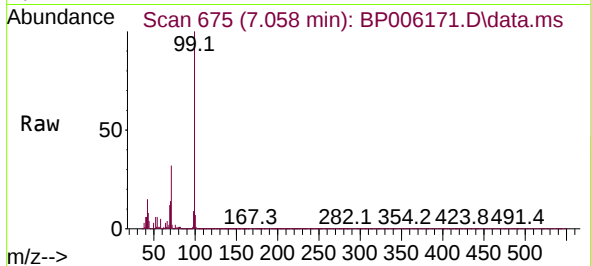




#7
Phenol-d6
Concen: 86.12 ng
RT: 7.058 min Scan# 675
Delta R.T. -0.006 min
Lab File: BP006171.D
Acq: 09 Jul 2021 20:57

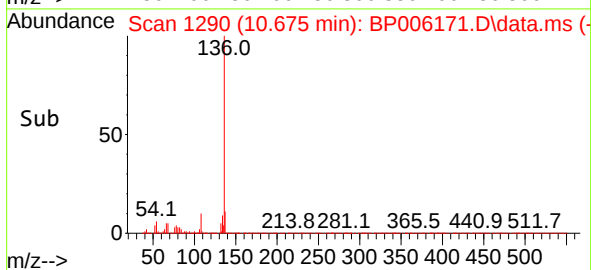
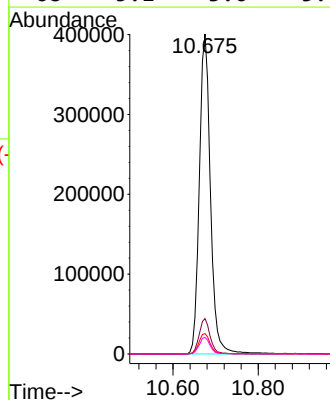
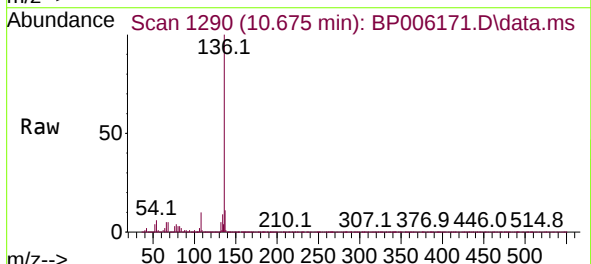
Instrument :
BNA_P
ClientSampleId :
TP-E

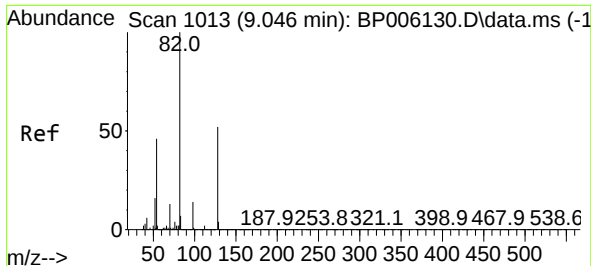
Tgt Ion: 99 Resp: 1262106
Ion Ratio Lower Upper
99 100
42 15.2 13.4 20.0
71 32.2 30.6 46.0



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.675 min Scan# 1290
Delta R.T. -0.006 min
Lab File: BP006171.D
Acq: 09 Jul 2021 20:57

Tgt Ion: 136 Resp: 725032
Ion Ratio Lower Upper
136 100
137 11.1 8.6 12.8
54 6.4 4.6 6.8
68 5.1 3.6 5.4

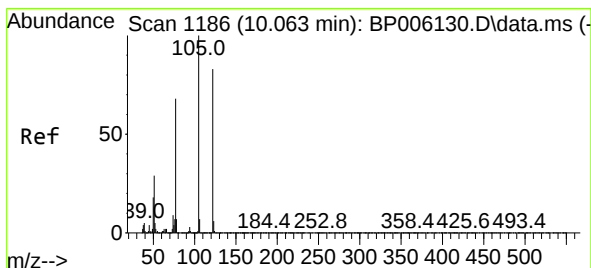
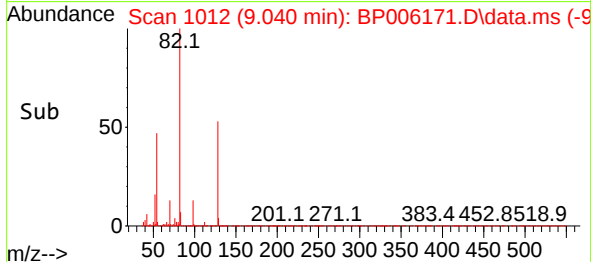
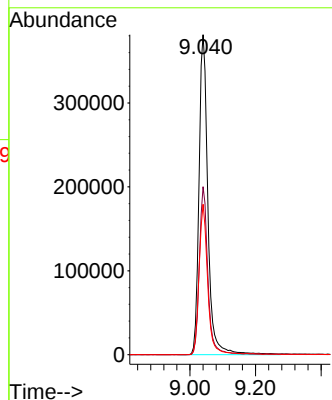
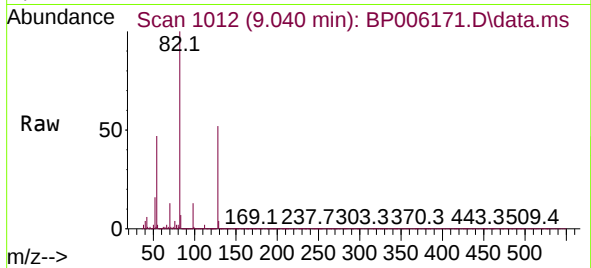




#23
Nitrobenzene-d5
Concen: 62.67 ng
RT: 9.040 min Scan# 1012
Delta R.T. -0.006 min
Lab File: BP006171.D
Acq: 09 Jul 2021 20:57

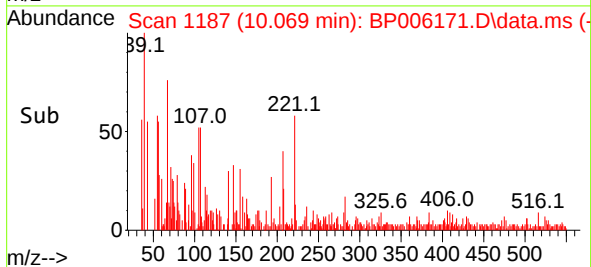
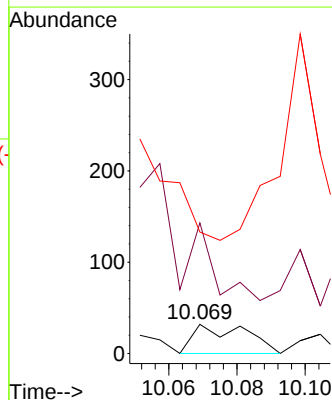
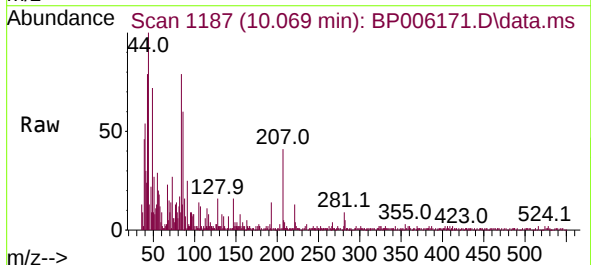
Instrument :
BNA_P
ClientSampleId :
TP-E

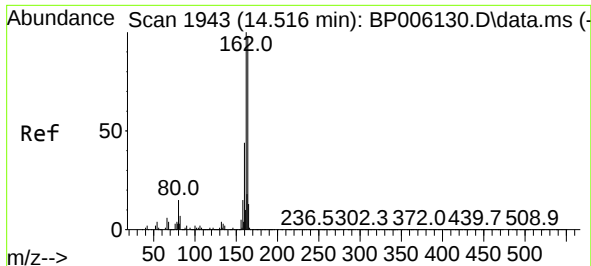
Tgt Ion: 82 Resp: 719296
Ion Ratio Lower Upper
82 100
128 52.5 35.7 53.5
54 47.0 35.0 52.4



#32
Benzoic acid
Concen: 6.91 ng
RT: 10.069 min Scan# 1187
Delta R.T. 0.006 min
Lab File: BP006171.D
Acq: 09 Jul 2021 20:57

Tgt Ion: 122 Resp: 34
Ion Ratio Lower Upper
122 100
105 446.9 103.2 143.2#
77 415.6 76.2 116.2#

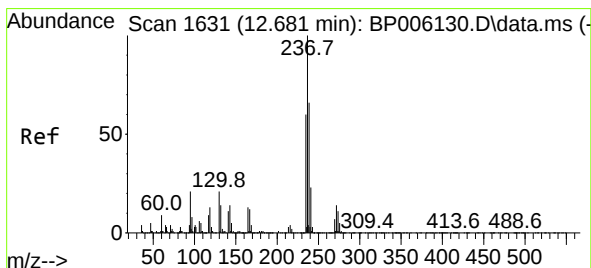
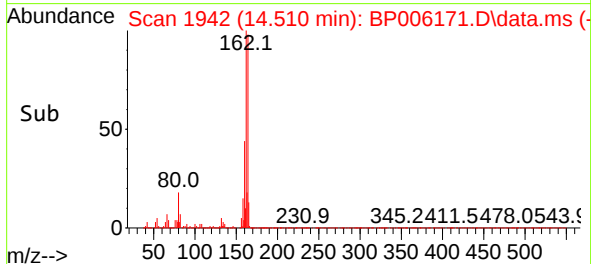
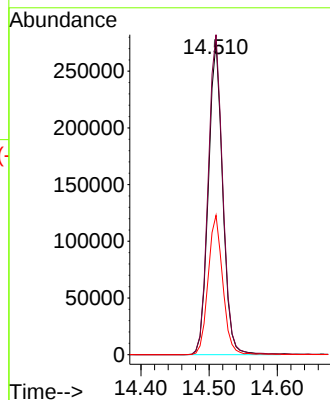
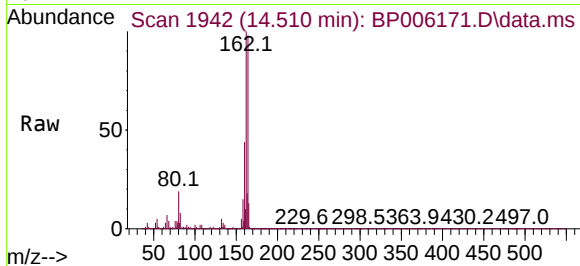




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.510 min Scan# 1942
Delta R.T. -0.006 min
Lab File: BP006171.D
Acq: 09 Jul 2021 20:57

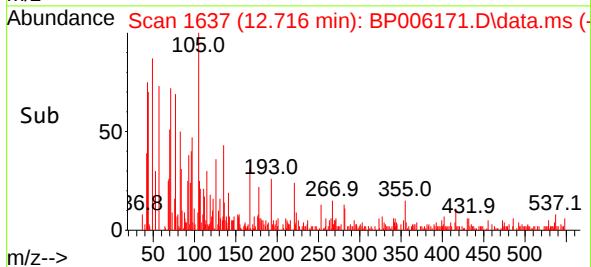
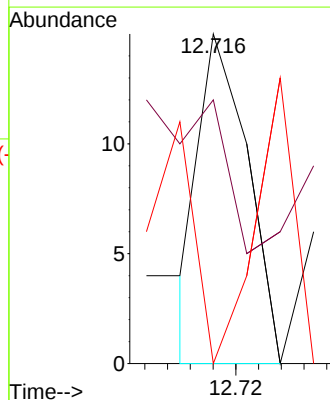
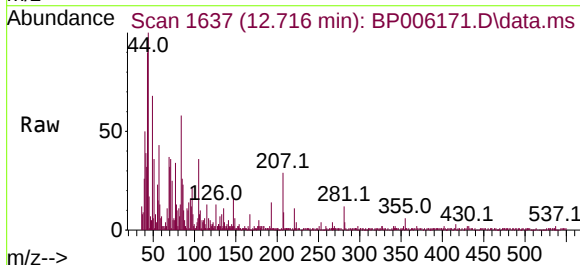
Instrument :
BNA_P
ClientSampleId :
TP-E

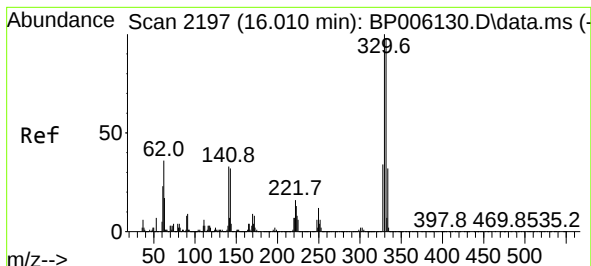
Tgt Ion:164 Resp: 403583
Ion Ratio Lower Upper
164 100
162 102.2 80.2 120.2
160 44.5 34.5 51.7



#41
Hexachlorocyclopentadiene
Concen: 8.70 ng
RT: 12.716 min Scan# 1637
Delta R.T. 0.035 min
Lab File: BP006171.D
Acq: 09 Jul 2021 20:57

Tgt Ion:237 Resp: 9
Ion Ratio Lower Upper
237 100
235 80.0 44.5 84.5
272 0.0 0.0 32.5

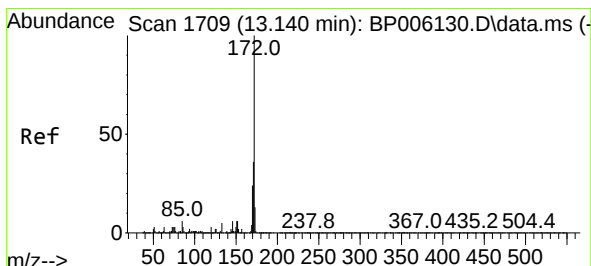
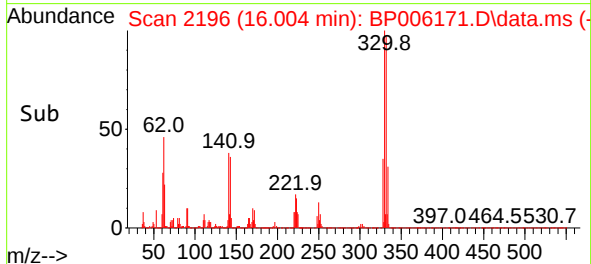
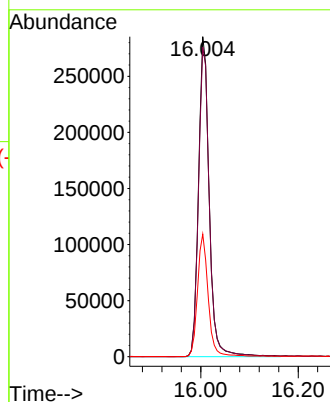
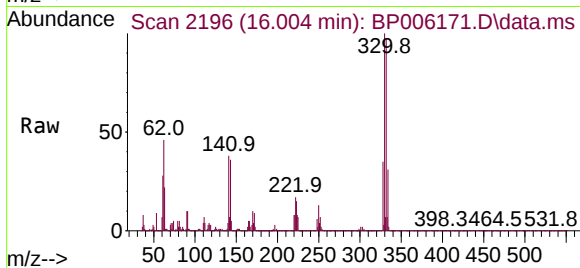




#42
2,4,6-Tribromophenol
Concen: 91.18 ng
RT: 16.004 min Scan# 2196
Delta R.T. -0.006 min
Lab File: BP006171.D
Acq: 09 Jul 2021 20:57

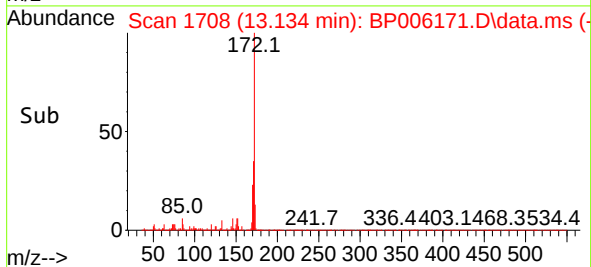
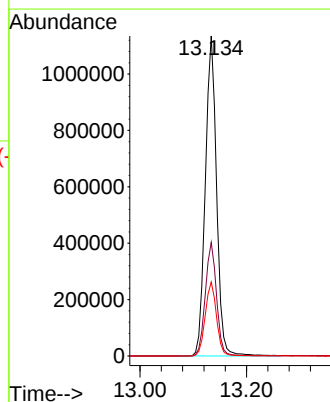
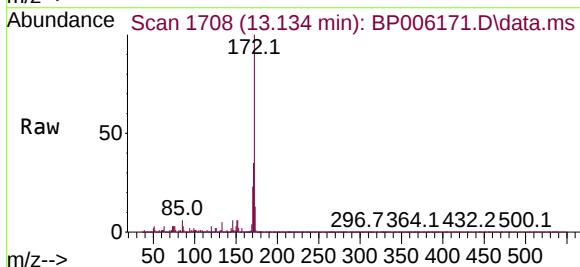
Instrument :
BNA_P
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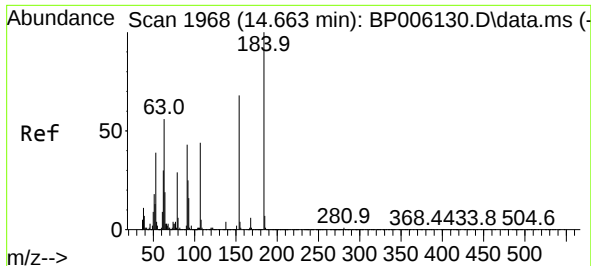
Tgt Ion:330 Resp: 438092
Ion Ratio Lower Upper
330 100
332 97.8 77.8 116.8
141 38.1 25.4 38.2



#45
2-Fluorobiphenyl
Concen: 60.81 ng
RT: 13.134 min Scan# 1708
Delta R.T. -0.006 min
Lab File: BP006171.D
Acq: 09 Jul 2021 20:57

Tgt Ion:172 Resp: 1660075
Ion Ratio Lower Upper
172 100
171 35.5 27.9 41.9
170 23.1 18.6 27.8

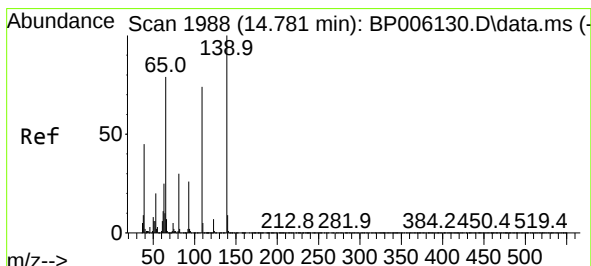
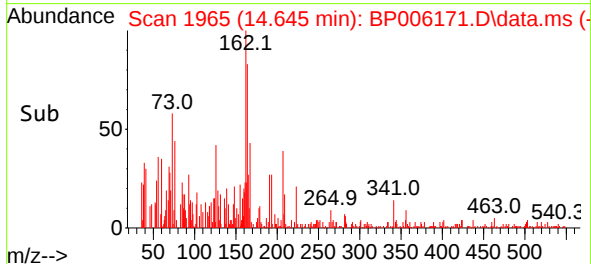
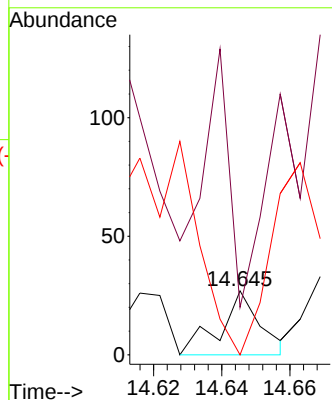
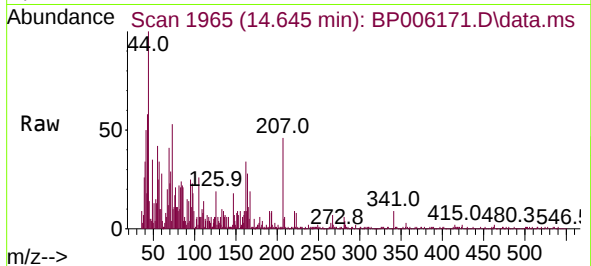




#54
2,4-Dinitrophenol
Concen: 8.89 ng
RT: 14.645 min Scan# 1965
Delta R.T. -0.018 min
Lab File: BP006171.D
Acq: 09 Jul 2021 20:57

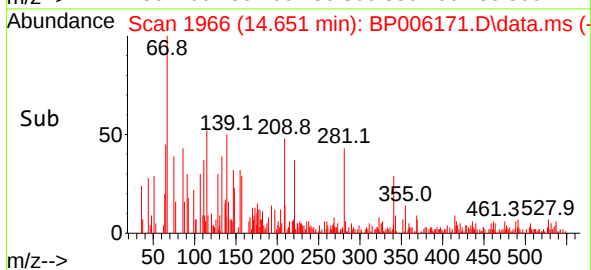
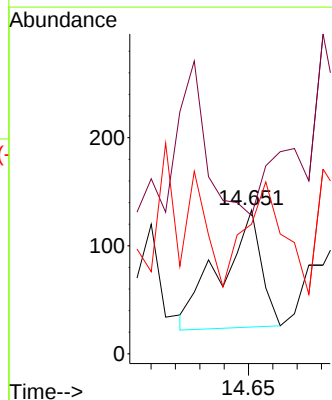
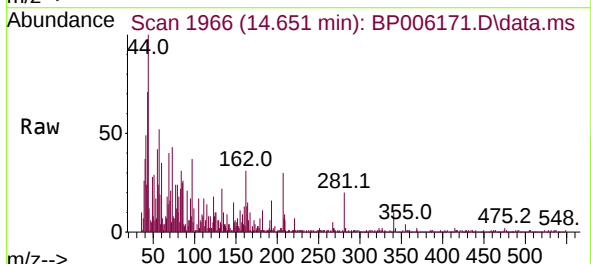
Instrument :
BNA_P
ClientSampled :
TP-E

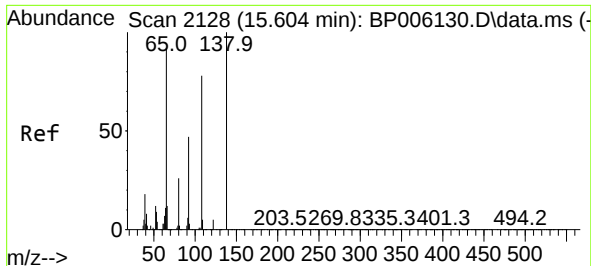
Tgt Ion:184 Resp: 22
Ion Ratio Lower Upper
184 100
63 74.1 47.0 70.6#
154 0.0 52.3 78.5#



#56
4-Nitrophenol
Concen: 7.15 ng
RT: 14.651 min Scan# 1966
Delta R.T. -0.130 min
Lab File: BP006171.D
Acq: 09 Jul 2021 20:57

Tgt Ion:139 Resp: 124
Ion Ratio Lower Upper
139 100
109 96.2 72.3 112.3
65 90.2 72.5 112.5

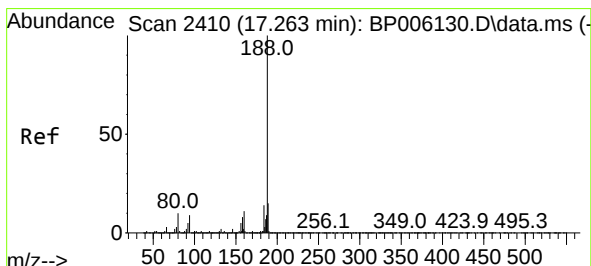
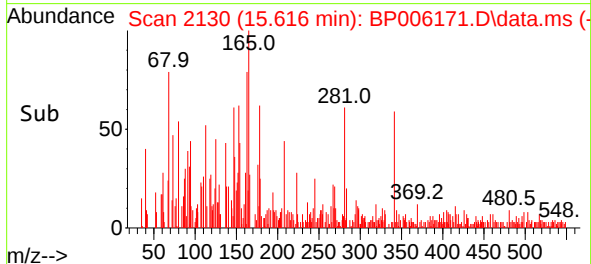
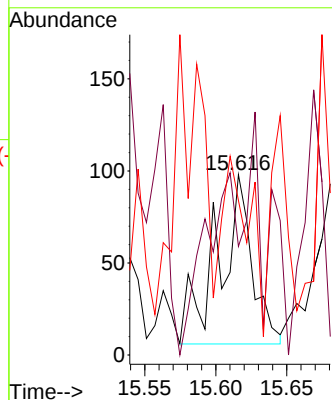
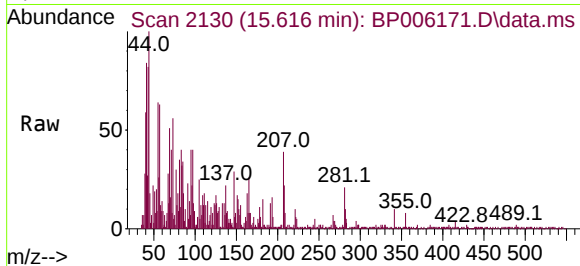




#62
4-Nitroaniline
Concen: 2.98 ng
RT: 15.616 min Scan# 2130
Delta R.T. 0.012 min
Lab File: BP006171.D
Acq: 09 Jul 2021 20:57

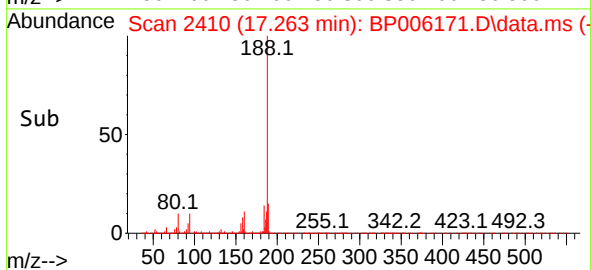
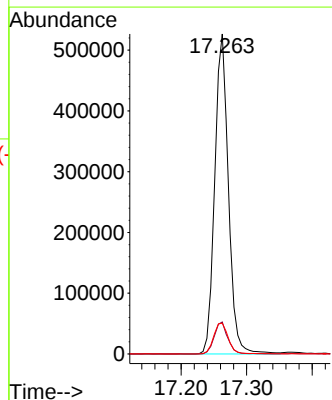
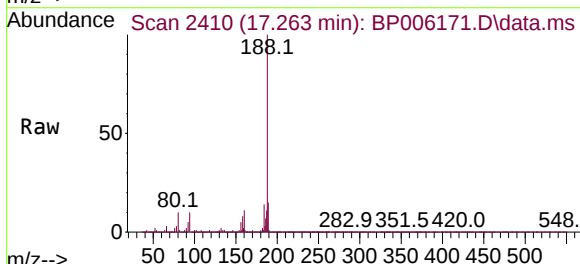
Instrument :
BNA_P
ClientSampled :
TP-E

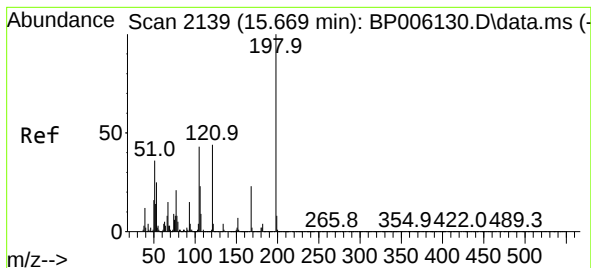
Tgt Ion:138 Resp: 154
Ion Ratio Lower Upper
138 100
92 60.2 31.2 71.2
108 85.7 78.6 118.6



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.263 min Scan# 2410
Delta R.T. -0.000 min
Lab File: BP006171.D
Acq: 09 Jul 2021 20:57

Tgt Ion:188 Resp: 760773
Ion Ratio Lower Upper
188 100
94 10.0 5.6 8.4#
80 9.6 6.3 9.5#

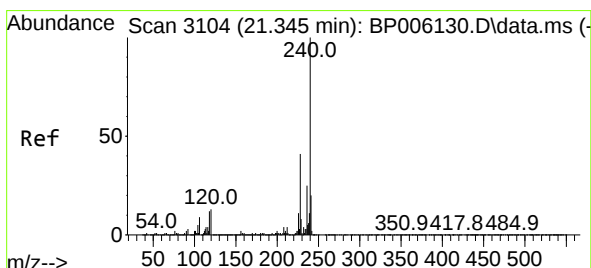
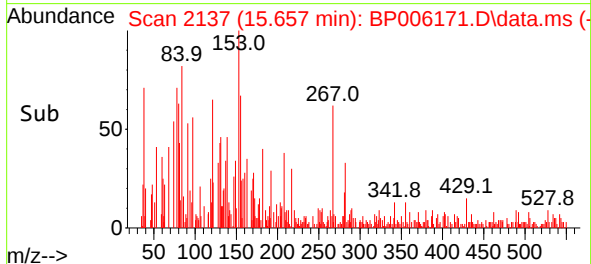
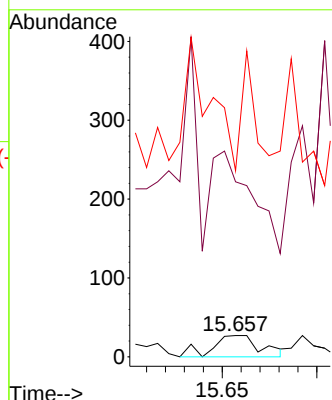
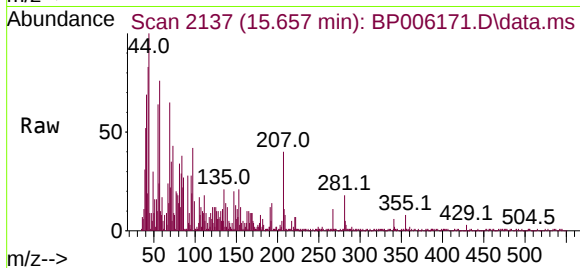




#65
4,6-Dinitro-2-methylphenol
Concen: 4.43 ng
RT: 15.657 min Scan# 2137
Delta R.T. -0.012 min
Lab File: BP006171.D
Acq: 09 Jul 2021 20:57

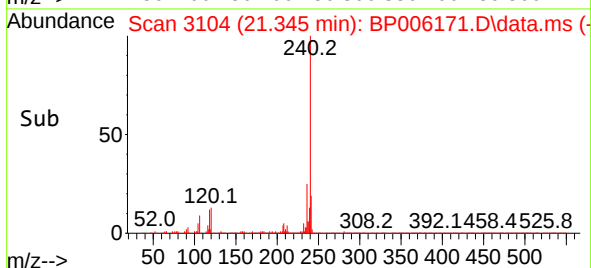
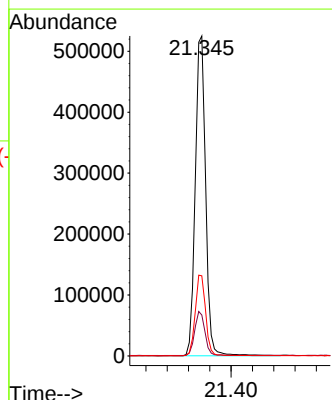
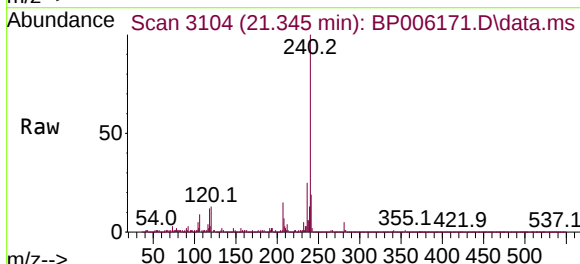
Instrument :
BNA_P
ClientSampled :
TP-E

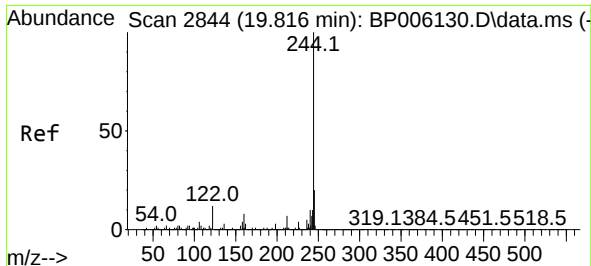
Tgt Ion:198 Resp: 48
Ion Ratio Lower Upper
198 100
51 822.2 14.0 54.0#
105 874.1 19.5 59.5#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.345 min Scan# 3104
Delta R.T. 0.000 min
Lab File: BP006171.D
Acq: 09 Jul 2021 20:57

Tgt Ion:240 Resp: 711685
Ion Ratio Lower Upper
240 100
120 12.8 6.5 9.7#
236 25.0 20.6 31.0

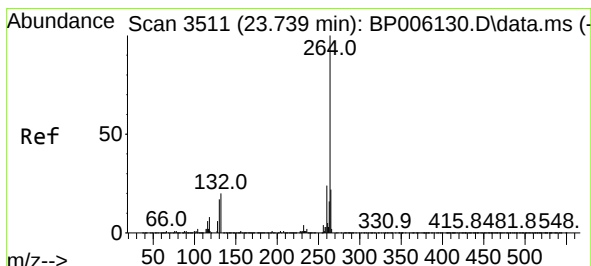
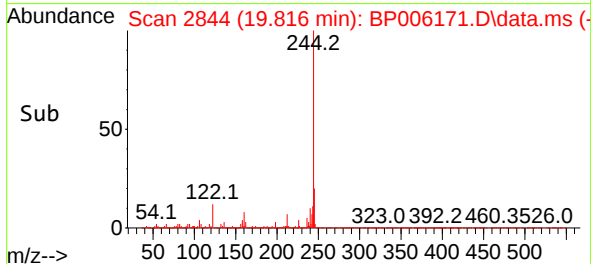
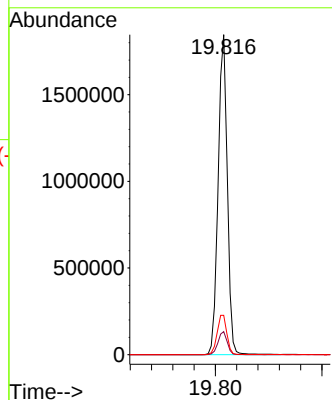
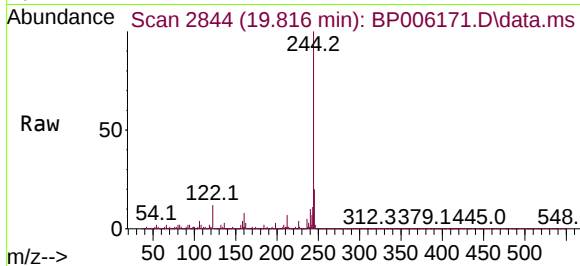




#79
 Terphenyl-d14
 Concen: 61.14 ng
 RT: 19.816 min Scan# 2844
 Delta R.T. 0.000 min
 Lab File: BP006171.D
 Acq: 09 Jul 2021 20:57

Instrument :
 BNA_P
 ClientSampleId :
 TP-E

Tgt Ion:244 Resp: 2206886
 Ion Ratio Lower Upper
 244 100
 212 7.2 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: BP006171.D
 Acq: 09 Jul 2021 20:57

Tgt Ion:264 Resp: 822016
 Ion Ratio Lower Upper
 264 100
 260 24.3 18.6 28.0
 265 22.0 17.6 26.4

