

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071221\
 Data File : BP006186.D
 Acq On : 12 Jul 2021 17:56
 Operator : CG/JU
 Sample : M3002-01
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 TP-F

Quant Time: Jul 12 18:49:31 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP070721.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 12 14:59:51 2021
 Response via : Initial Calibration

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

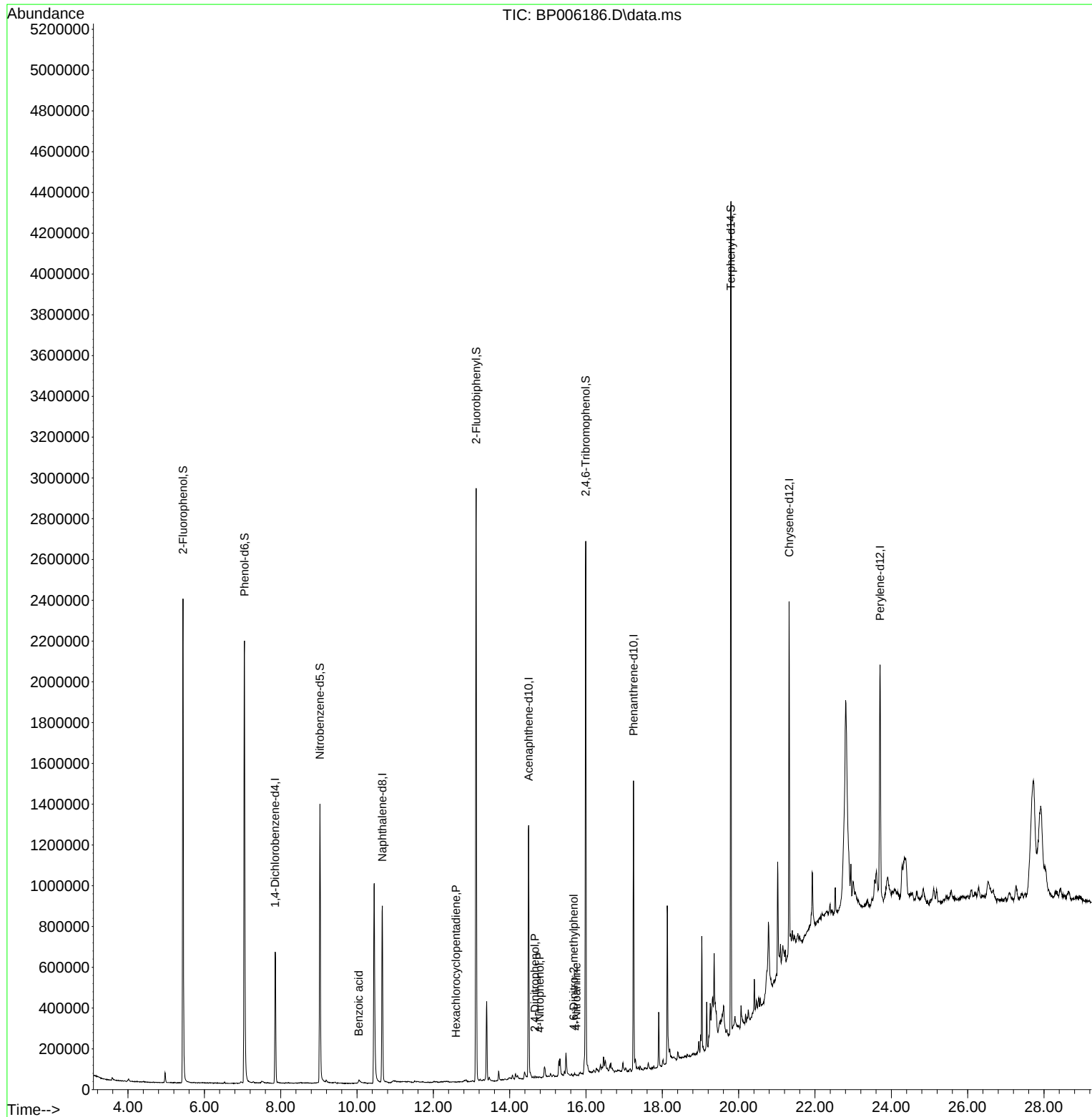
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.857	152	192105	20.000	ng	0.00
21) Naphthalene-d8	10.663	136	769431	20.000	ng	0.00
39) Acenaphthene-d10	14.498	164	441762	20.000	ng	0.00
64) Phenanthrene-d10	17.245	188	817116	20.000	ng	# 0.00
76) Chrysene-d12	21.321	240	737013	20.000	ng	# 0.00
86) Perylene-d12	23.704	264	822739	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.440	112	1185484	106.181	ng	0.00
7) Phenol-d6	7.052	99	1468040	99.407	ng	0.00
23) Nitrobenzene-d5	9.028	82	810835	66.564	ng	0.00
42) 2,4,6-Tribromophenol	15.992	330	510274	97.020	ng	0.00
45) 2-Fluorobiphenyl	13.122	172	1504174	50.337	ng	0.00
79) Terphenyl-d14	19.798	244	1771110	47.380	ng	0.00
Target Compounds						
						Qvalue
32) Benzoic acid	10.046	122	6692	7.649	ng	90
41) Hexachlorocyclopentadiene	12.593	237	22	8.712	ng	83
54) 2,4-Dinitrophenol	14.657	184	50	8.891	ng	# 1
56) 4-Nitrophenol	14.787	139	100	7.141	ng	# 36
62) 4-Nitroaniline	15.745	138	166	2.980	ng	88
65) 4,6-Dinitro-2-methylph...	15.681	198	19	4.422	ng	# 1

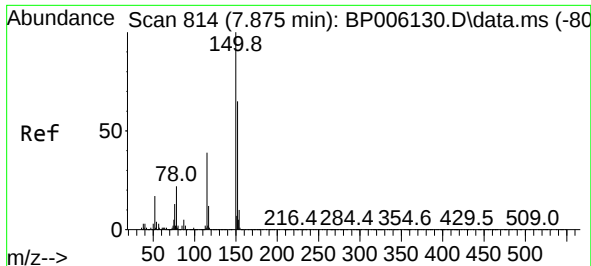
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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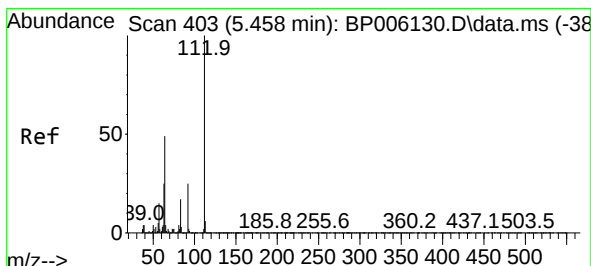
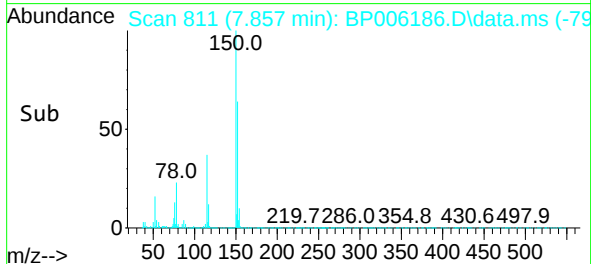
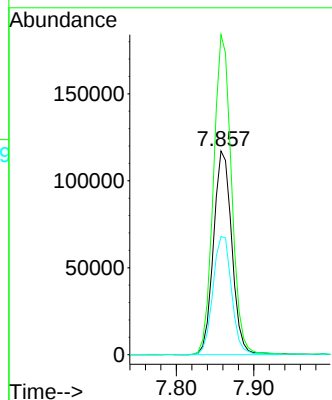
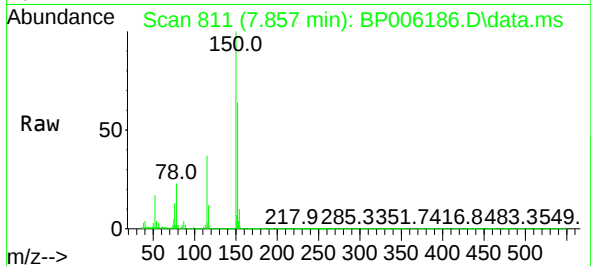




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.857 min Scan# 811
Delta R.T. -0.006 min
Lab File: BP006186.D
Acq: 12 Jul 2021 17:56

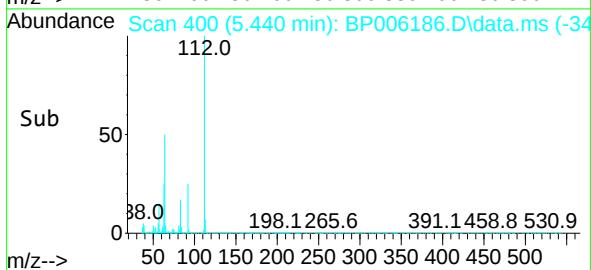
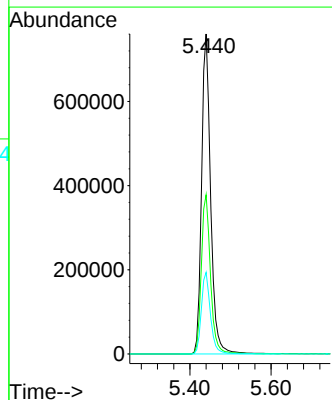
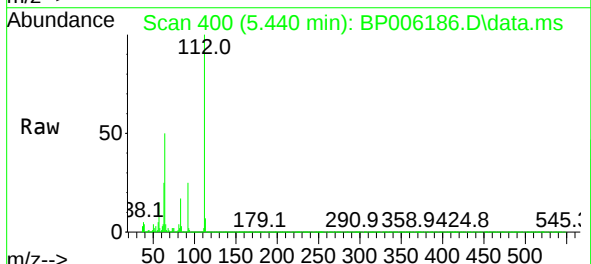
Instrument :
BNA_P
ClientSampleId :
TP-F

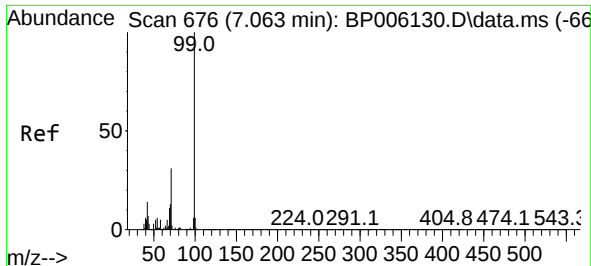
Tgt Ion:152 Resp: 192105
Ion Ratio Lower Upper
152 100
150 157.1 125.6 188.4
115 58.1 48.5 72.7



#5
2-Fluorophenol
Concen: 106.181 ng
RT: 5.440 min Scan# 400
Delta R.T. 0.000 min
Lab File: BP006186.D
Acq: 12 Jul 2021 17:56

Tgt Ion:112 Resp: 1185484
Ion Ratio Lower Upper
112 100
64 49.8 41.4 62.2
63 25.5 23.8 35.8

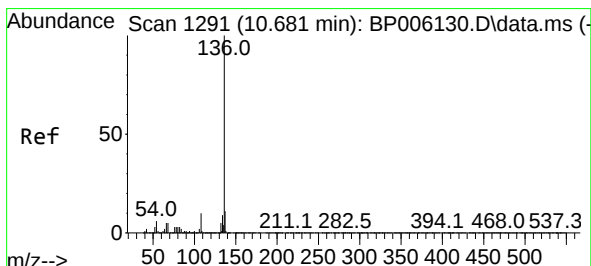
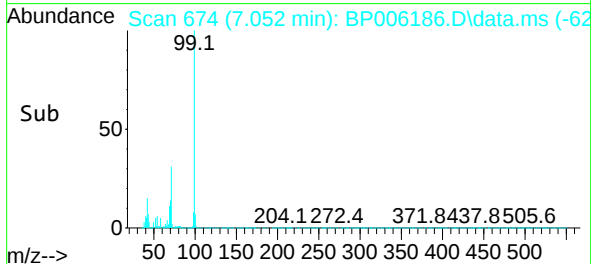
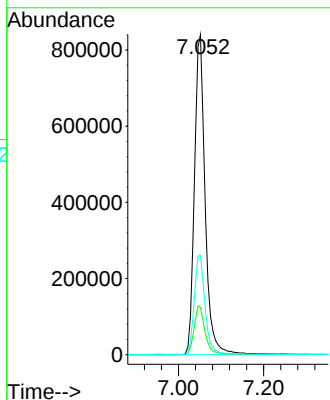
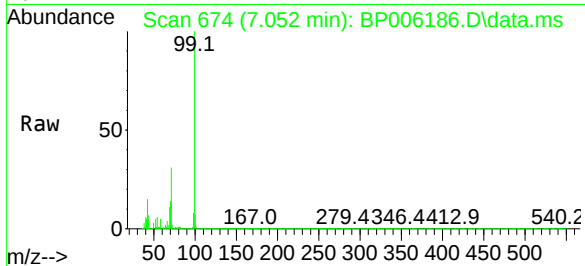




#7
Phenol-d6
Concen: 99.407 ng
RT: 7.052 min Scan# 674
Delta R.T. 0.006 min
Lab File: BP006186.D
Acq: 12 Jul 2021 17:56

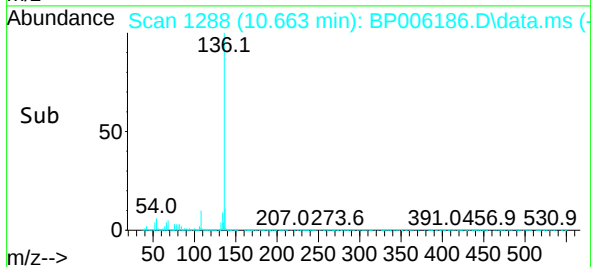
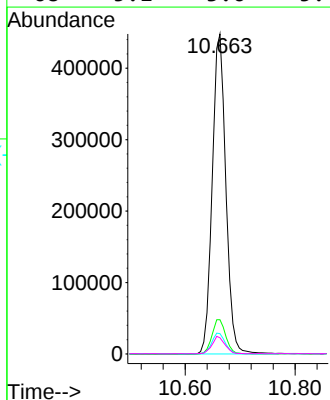
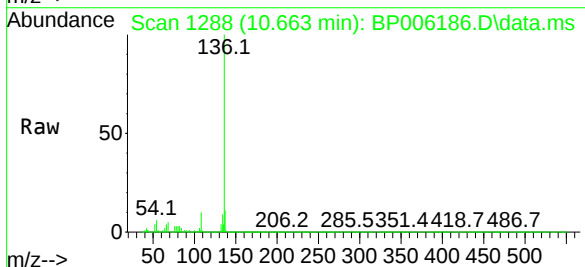
Instrument :
BNA_P
ClientSampled :
TP-F

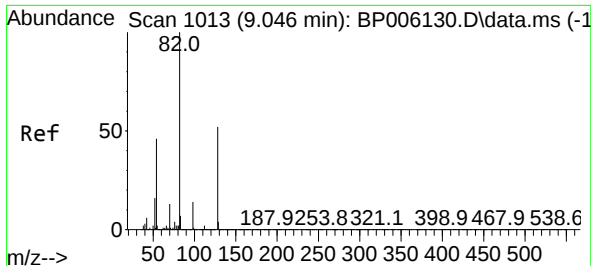
Tgt Ion: 99 Resp: 1468040
Ion Ratio Lower Upper
99 100
42 14.7 13.4 20.0
71 31.1 30.6 46.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.663 min Scan# 1288
Delta R.T. 0.000 min
Lab File: BP006186.D
Acq: 12 Jul 2021 17:56

Tgt Ion: 136 Resp: 769431
Ion Ratio Lower Upper
136 100
137 10.7 8.6 12.8
54 6.3 4.6 6.8
68 5.1 3.6 5.4

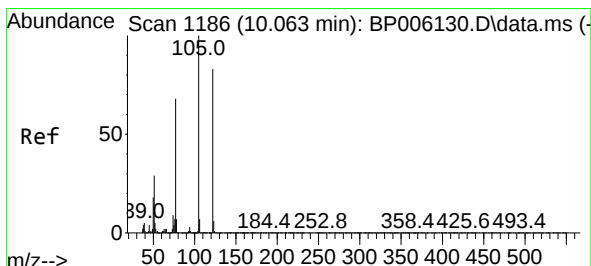
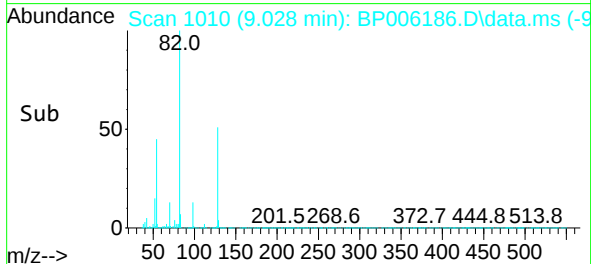
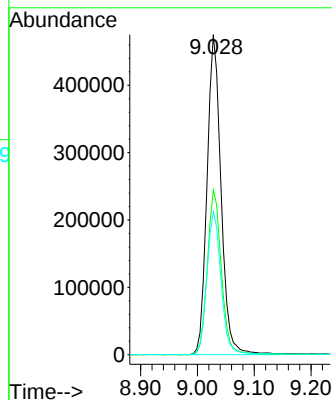
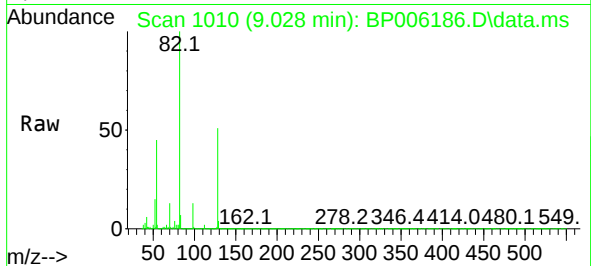




#23
Nitrobenzene-d5
Concen: 66.564 ng
RT: 9.028 min Scan# 1010
Delta R.T. -0.006 min
Lab File: BP006186.D
Acq: 12 Jul 2021 17:56

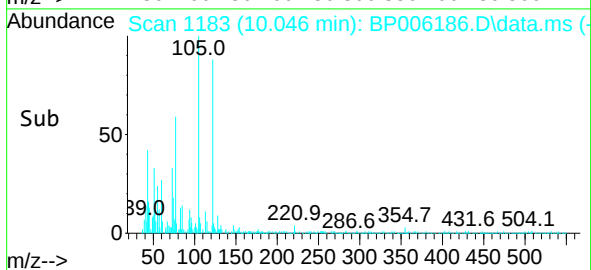
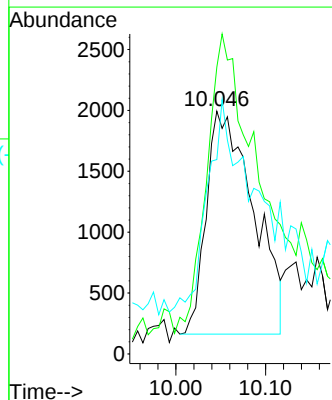
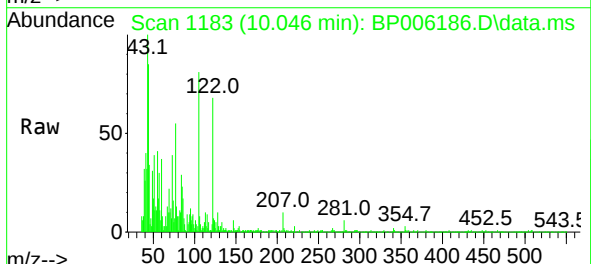
Instrument :
BNA_P
ClientSampleId :
TP-F

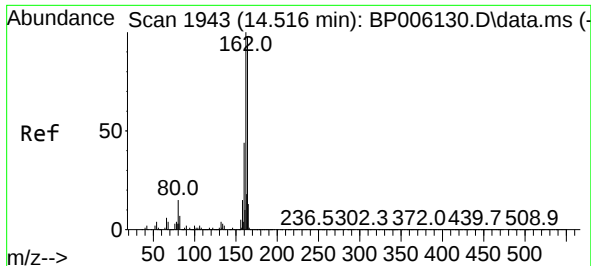
Tgt Ion: 82 Resp: 810835
Ion Ratio Lower Upper
82 100
128 51.5 35.7 53.5
54 44.7 35.0 52.4



#32
Benzoic acid
Concen: 7.649 ng
RT: 10.046 min Scan# 1183
Delta R.T. -0.017 min
Lab File: BP006186.D
Acq: 12 Jul 2021 17:56

Tgt Ion: 122 Resp: 6692
Ion Ratio Lower Upper
122 100
105 118.2 103.2 143.2
77 80.1 76.2 116.2

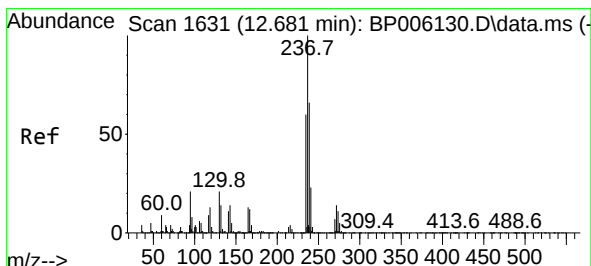
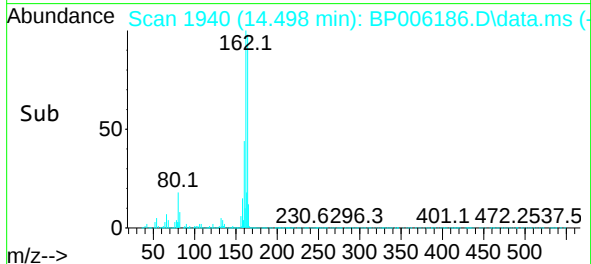
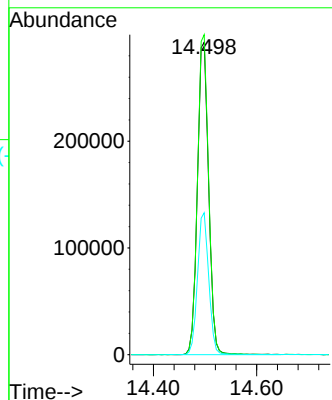
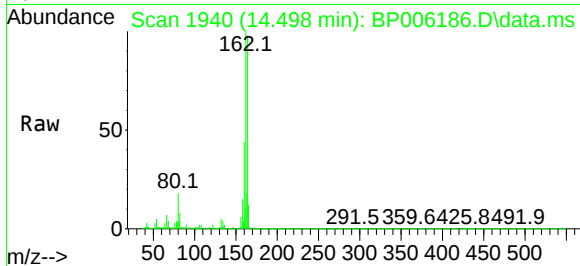




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.498 min Scan# 1940
Delta R.T. 0.000 min
Lab File: BP006186.D
Acq: 12 Jul 2021 17:56

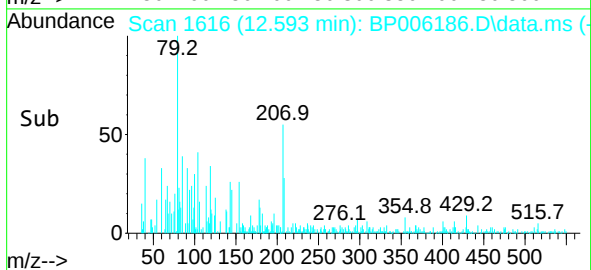
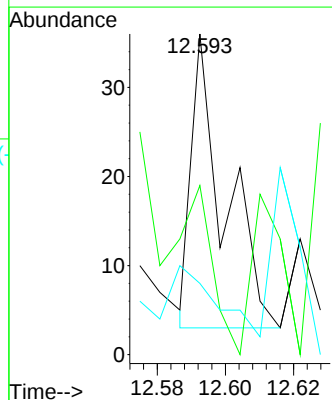
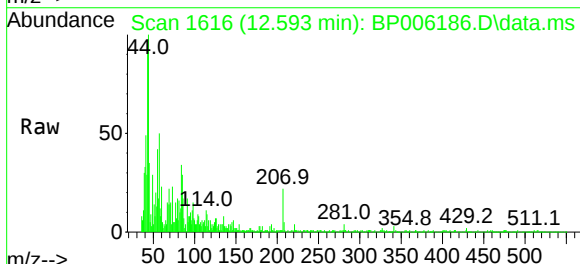
Instrument :
BNA_P
ClientSampled :
TP-F

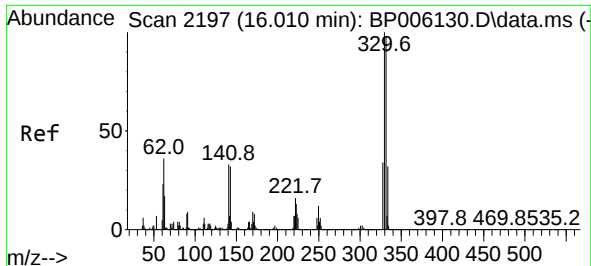
Tgt Ion:164 Resp: 441762
Ion Ratio Lower Upper
164 100
162 102.4 80.2 120.2
160 45.4 34.5 51.7



#41
Hexachlorocyclopentadiene
Concen: 8.712 ng
RT: 12.593 min Scan# 1616
Delta R.T. -0.076 min
Lab File: BP006186.D
Acq: 12 Jul 2021 17:56

Tgt Ion:237 Resp: 22
Ion Ratio Lower Upper
237 100
235 52.8 44.5 84.5
272 22.2 0.0 32.5

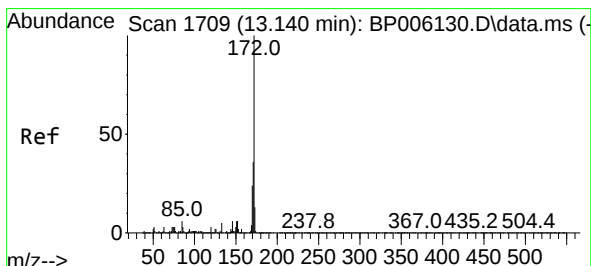
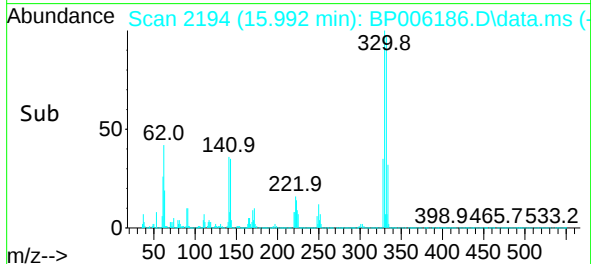
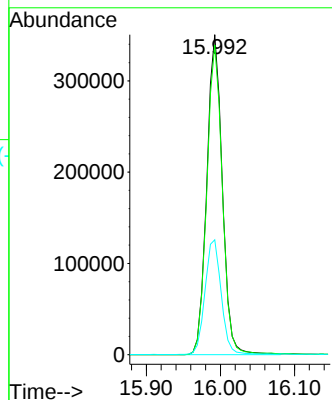
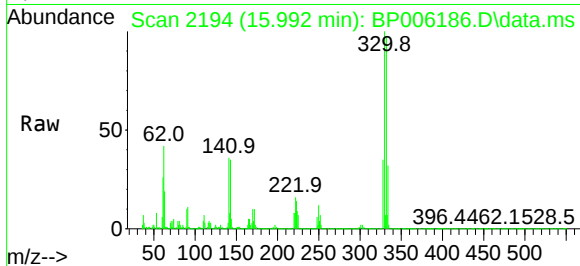




#42
2,4,6-Tribromophenol
Concen: 97.020 ng
RT: 15.992 min Scan# 2194
Delta R.T. -0.006 min
Lab File: BP006186.D
Acq: 12 Jul 2021 17:56

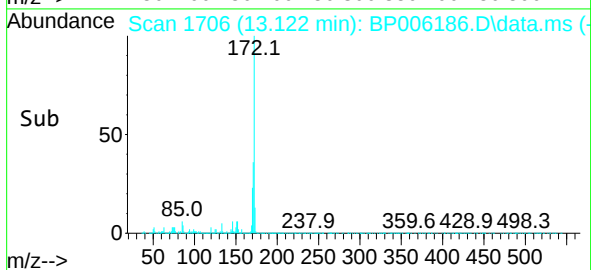
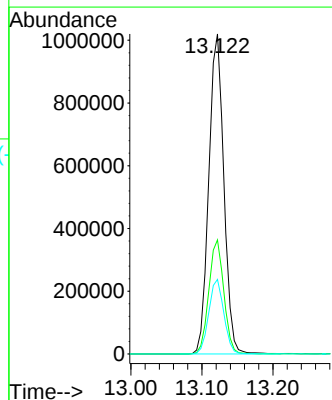
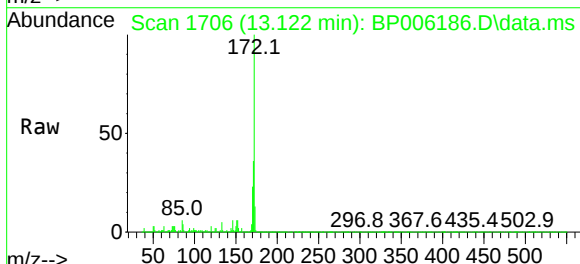
Instrument :
BNA_P
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TP-F

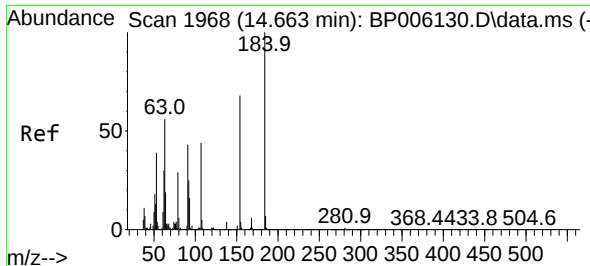
Tgt Ion:330 Resp: 510274
Ion Ratio Lower Upper
330 100
332 97.3 77.8 116.8
141 37.6 25.4 38.2



#45
2-Fluorobiphenyl
Concen: 50.337 ng
RT: 13.122 min Scan# 1706
Delta R.T. 0.000 min
Lab File: BP006186.D
Acq: 12 Jul 2021 17:56

Tgt Ion:172 Resp: 1504174
Ion Ratio Lower Upper
172 100
171 35.6 27.9 41.9
170 23.3 18.6 27.8

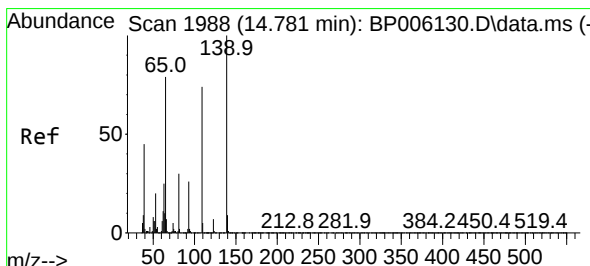
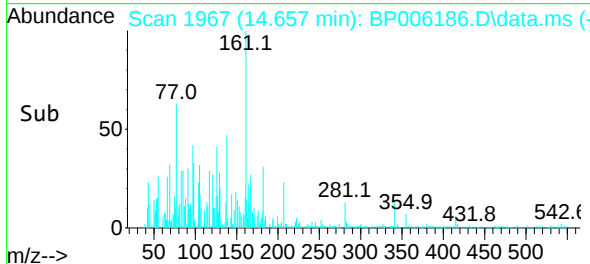
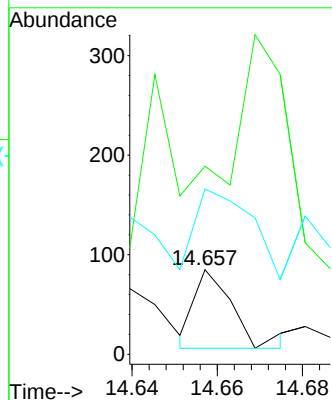
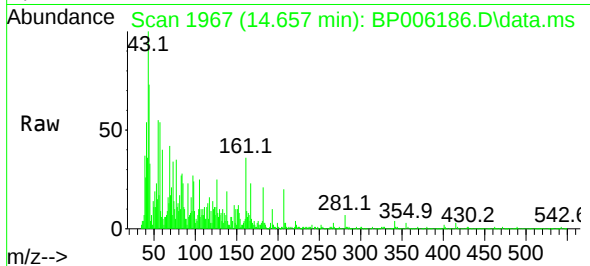




#54
2,4-Dinitrophenol
Concen: 8.891 ng
RT: 14.657 min Scan# 1967
Delta R.T. 0.000 min
Lab File: BP006186.D
Acq: 12 Jul 2021 17:56

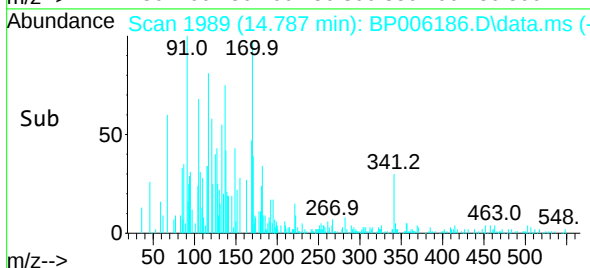
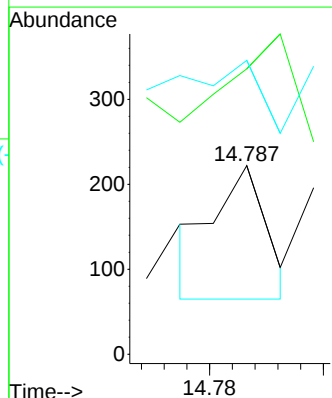
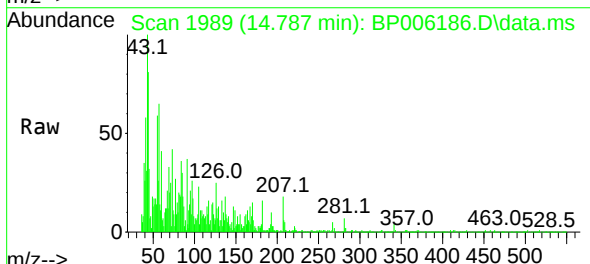
Instrument :
BNA_P
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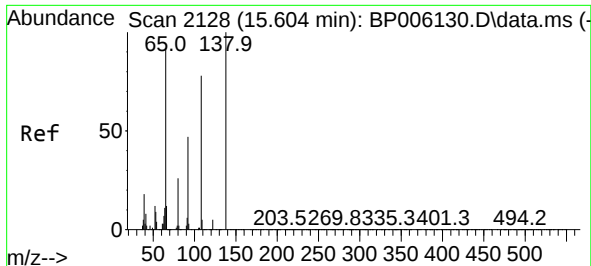
Tgt Ion:184 Resp: 50
Ion Ratio Lower Upper
184 100
63 222.4 47.0 70.6#
154 195.3 52.3 78.5#



#56
4-Nitrophenol
Concen: 7.141 ng
RT: 14.787 min Scan# 1989
Delta R.T. 0.018 min
Lab File: BP006186.D
Acq: 12 Jul 2021 17:56

Tgt Ion:139 Resp: 100
Ion Ratio Lower Upper
139 100
109 151.4 72.3 112.3#
65 155.9 72.5 112.5#

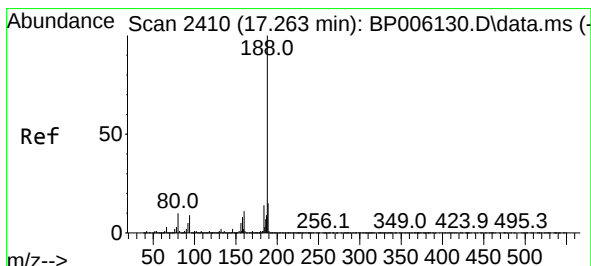
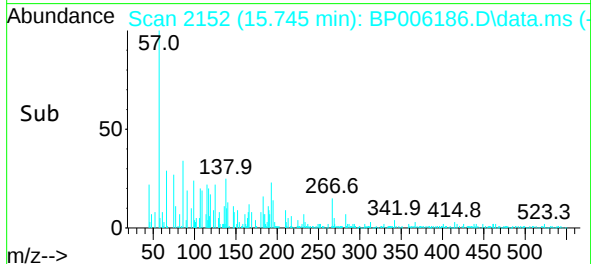
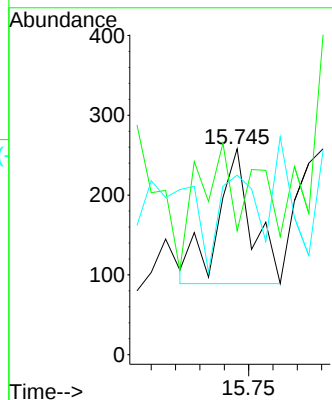
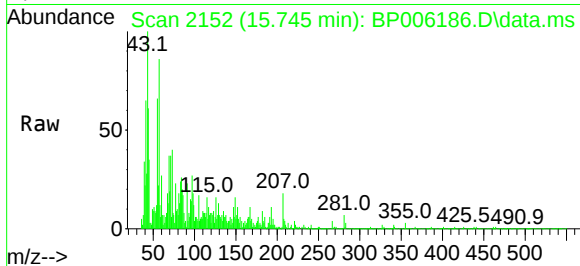




#62
4-Nitroaniline
Concen: 2.980 ng
RT: 15.745 min Scan# 2152
Delta R.T. 0.153 min
Lab File: BP006186.D
Acq: 12 Jul 2021 17:56

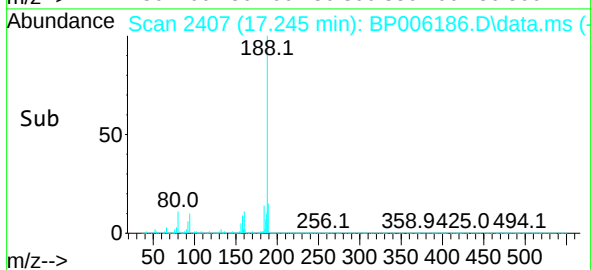
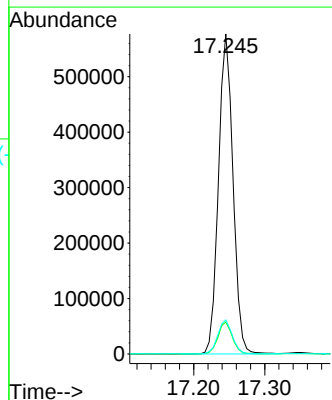
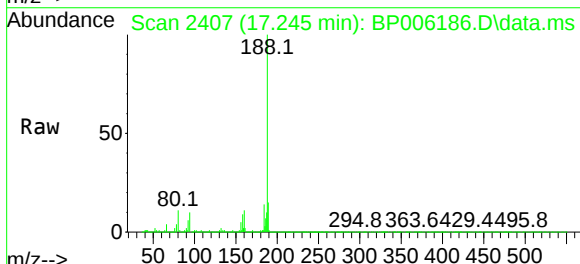
Instrument :
BNA_P
ClientSampled :
TP-F

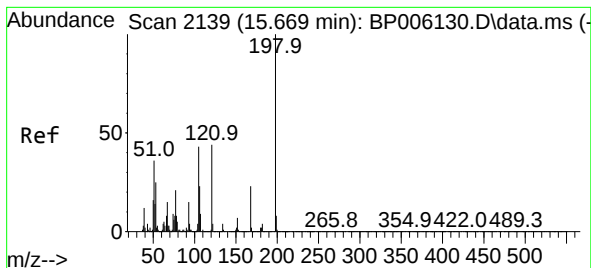
Tgt Ion:138 Resp: 166
Ion Ratio Lower Upper
138 100
92 60.1 31.2 71.2
108 87.2 78.6 118.6



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.245 min Scan# 2407
Delta R.T. -0.006 min
Lab File: BP006186.D
Acq: 12 Jul 2021 17:56

Tgt Ion:188 Resp: 817116
Ion Ratio Lower Upper
188 100
94 10.0 5.6 8.4#
80 10.6 6.3 9.5#

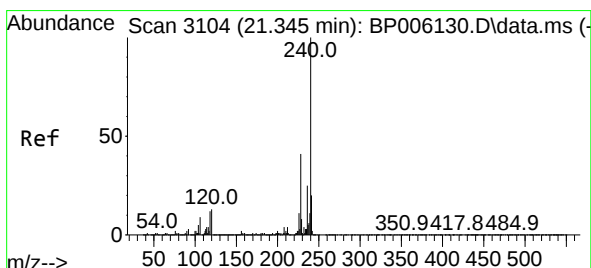
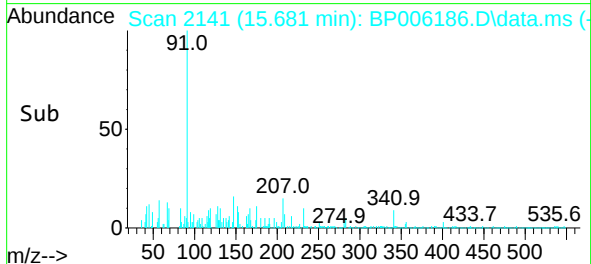
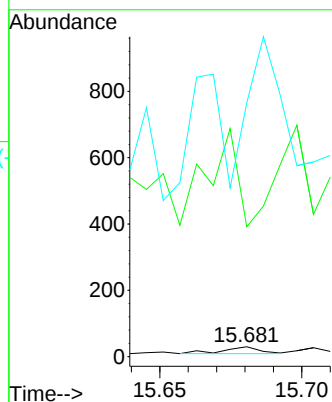
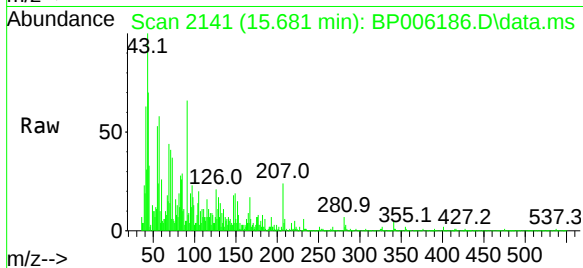




#65
4,6-Dinitro-2-methylphenol
Concen: 4.422 ng
RT: 15.681 min Scan# 2141
Delta R.T. 0.024 min
Lab File: BP006186.D
Acq: 12 Jul 2021 17:56

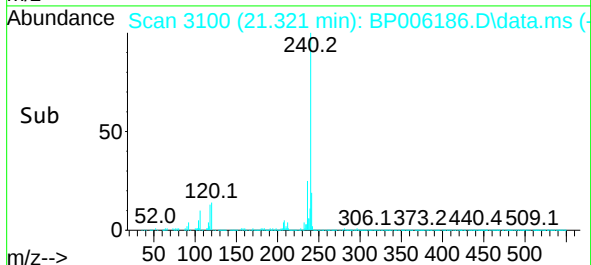
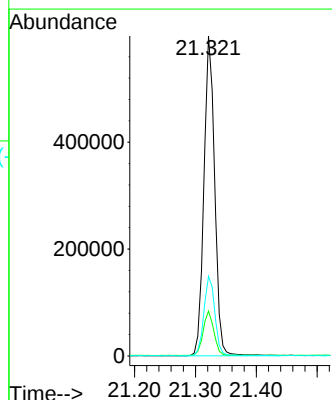
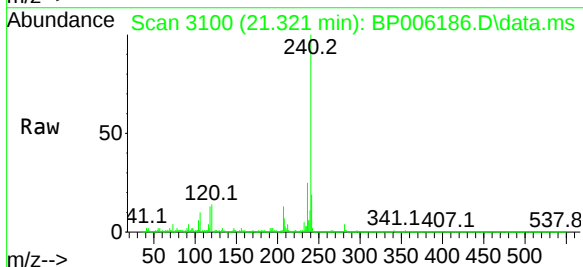
Instrument :
BNA_P
ClientSampleId :
TP-F

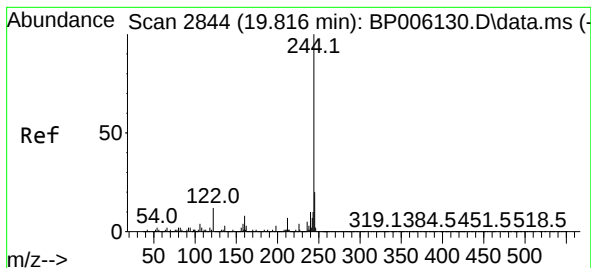
Tgt Ion:198 Resp: 19
Ion Ratio Lower Upper
198 100
51 1306.7 14.0 54.0#
105 2550.0 19.5 59.5#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.321 min Scan# 3100
Delta R.T. -0.006 min
Lab File: BP006186.D
Acq: 12 Jul 2021 17:56

Tgt Ion:240 Resp: 737013
Ion Ratio Lower Upper
240 100
120 14.0 6.5 9.7#
236 24.9 20.6 31.0





#79

Terphenyl-d14

Concen: 47.380 ng

RT: 19.798 min Scan# 2841

Delta R.T. -0.006 min

Lab File: BP006186.D

Acq: 12 Jul 2021 17:56

Instrument :

BNA_P

ClientSampleId :

TP-F

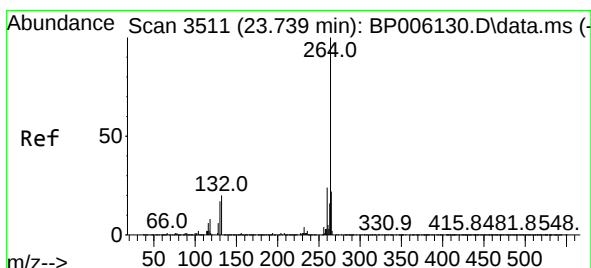
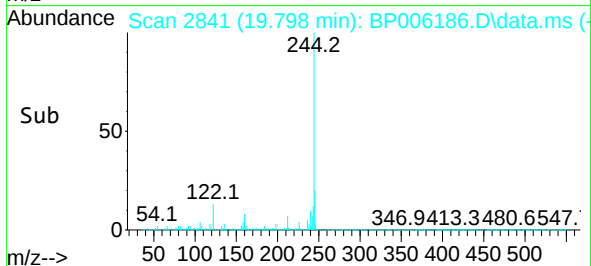
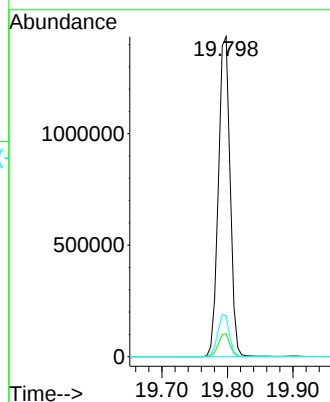
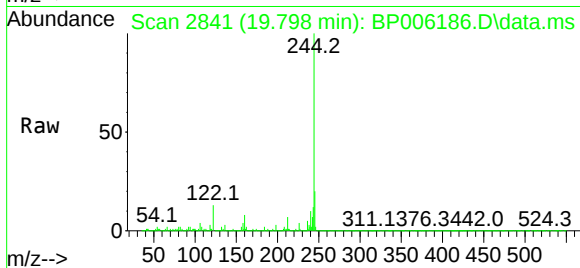
Tgt Ion:244 Resp: 1771110

Ion Ratio Lower Upper

244 100

212 7.2 6.0 9.0

122 12.8 7.1 10.7#



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.704 min Scan# 3505

Delta R.T. -0.011 min

Lab File: BP006186.D

Acq: 12 Jul 2021 17:56

Tgt Ion:264 Resp: 822739

Ion Ratio Lower Upper

264 100

260 23.8 18.6 28.0

265 22.2 17.6 26.4

