

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111121\
 Data File : BP007958.D
 Acq On : 11 Nov 2021 22:19
 Operator : CG/JU
 Sample : M4630-11
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SB-13S-25.5-26

Quant Time: Nov 12 00:34:00 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP110221.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 11 13:53:53 2021
 Response via : Initial Calibration

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

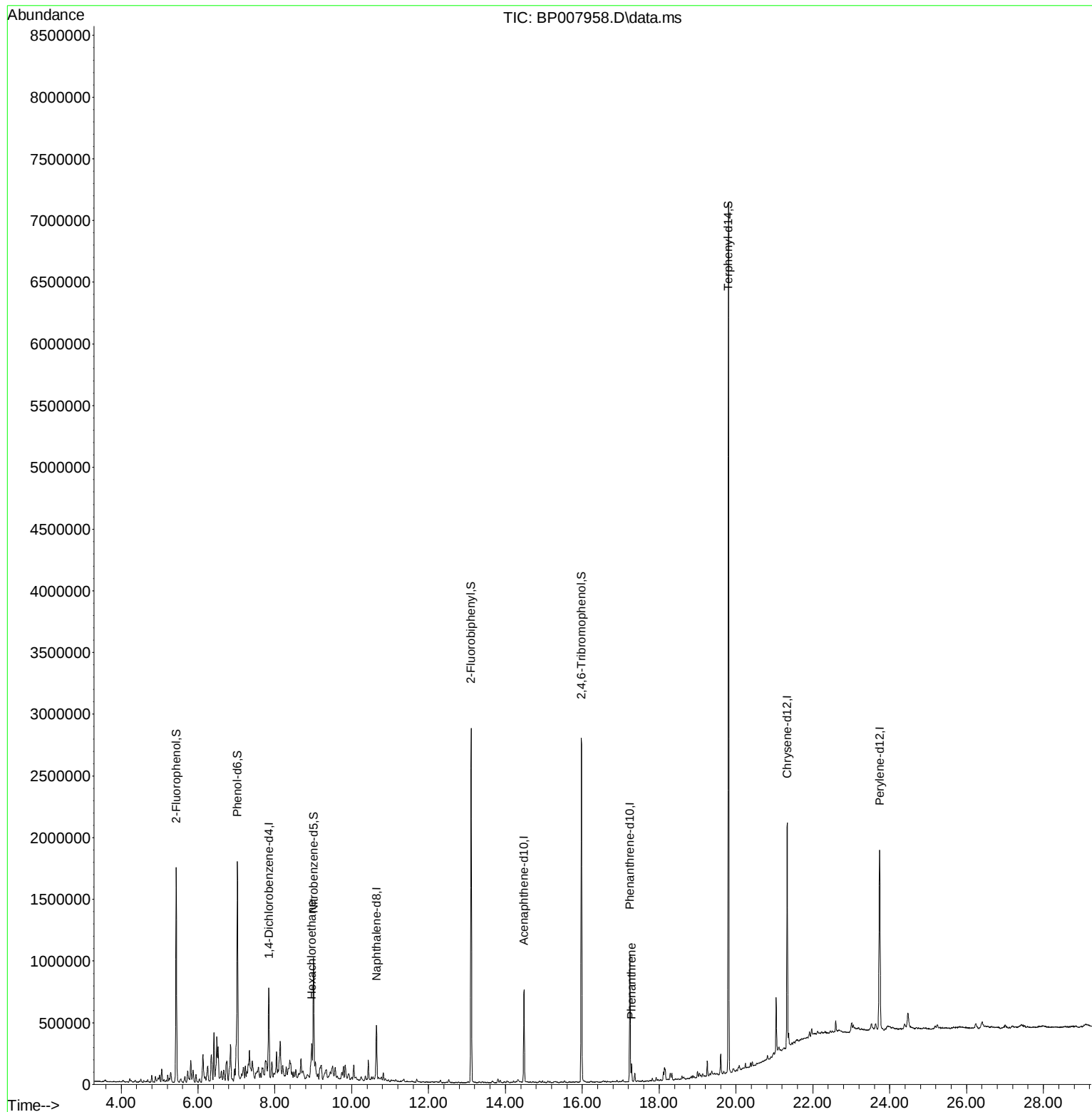
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.846	152	92329	20.00	ng	0.00
21) Naphthalene-d8	10.646	136	343349	20.00	ng	0.00
39) Acenaphthene-d10	14.487	164	255404	20.00	ng	0.00
64) Phenanthrene-d10	17.239	188	622882	20.00	ng	# 0.00
76) Chrysene-d12	21.333	240	906845	20.00	ng	# 0.00
86) Perylene-d12	23.739	264	1148420	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.434	112	740177	135.96	ng	0.00
7) Phenol-d6	7.022	99	960704	121.92	ng	0.00
23) Nitrobenzene-d5	9.004	82	531558	83.16	ng	0.00
42) 2,4,6-Tribromophenol	15.981	330	582931	159.93	ng	0.00
45) 2-Fluorobiphenyl	13.110	172	1428750	81.47	ng	0.00
79) Terphenyl-d14	19.804	244	3287415	73.82	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.322	88	80	Below Cal	#	1
18) Hexachloroethane	8.957	117	17770	7.54	ng	# 1
71) Phenanthrene	17.281	178	86260	2.63	ng	98

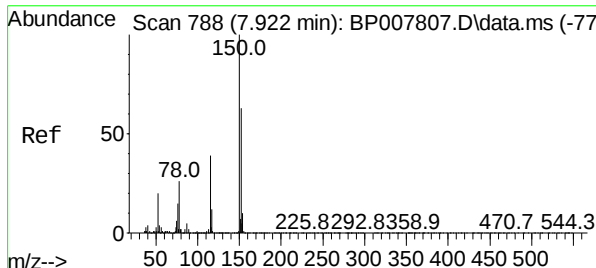
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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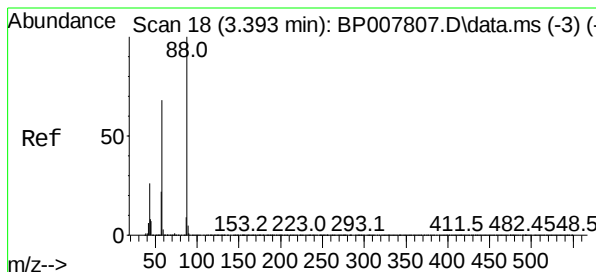
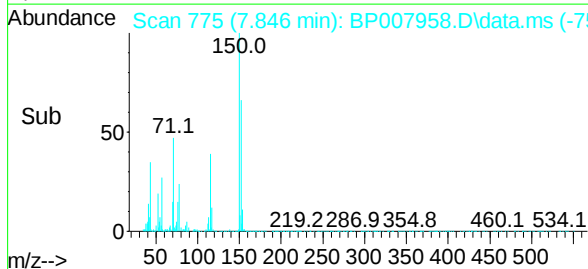
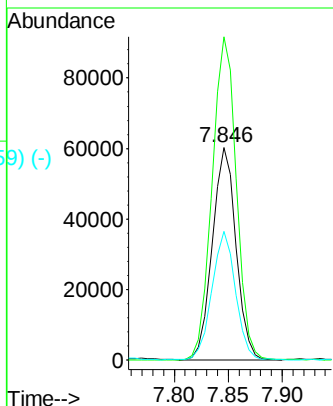
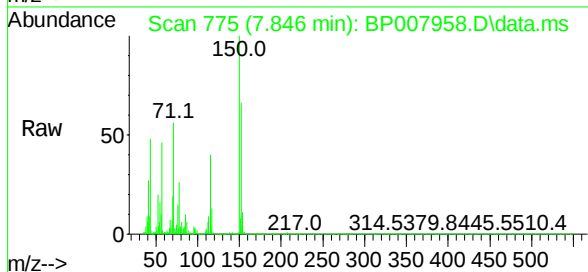




1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.846 min Scan#
Delta R.T. -0.006 min
Lab File: BP007958.D
Acq: 11 Nov 2021 22:19

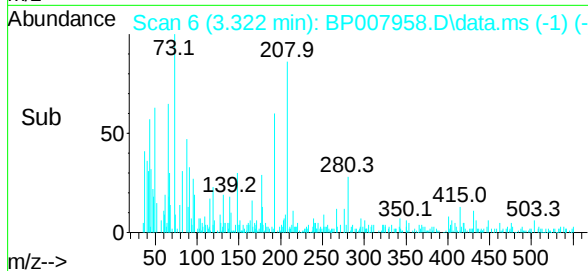
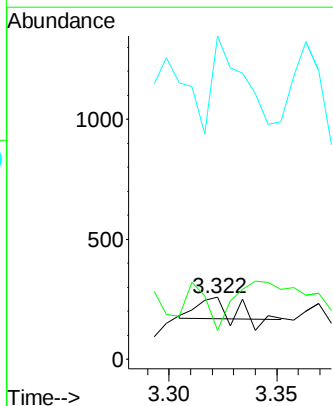
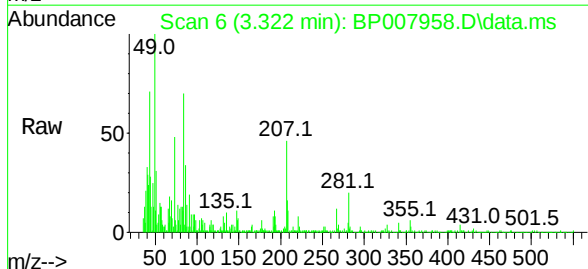
Instrument :
BNA_P
ClientSampleId :
SB-13S-25.5-26

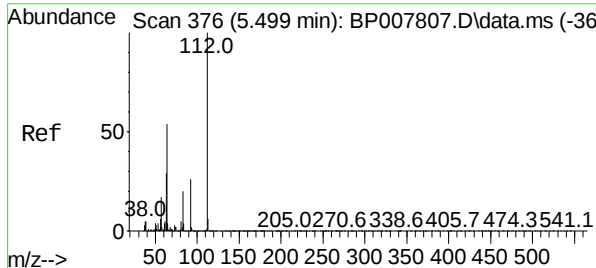
Tgt Ion:152 Resp: 92329
Ion Ratio Lower Upper
152 100
150 152.0 124.1 186.1
115 60.5 48.1 72.1



1,4-Dioxane
Concen: Below Cal
RT: 3.322 min Scan# 6
Delta R.T. -0.018 min
Lab File: BP007958.D
Acq: 11 Nov 2021 22:19

Tgt Ion: 88 Resp: 80
Ion Ratio Lower Upper
88 100
58 151.3 58.1 87.1#
43 506.3 22.2 33.4#





2-Fluorophenol

Concen: 135.96 ng

RT: 5.434 min Scan#

Delta R.T. -0.000 min

Lab File: BP007958.D

Acq: 11 Nov 2021 22:19

Instrument :

BNA_P

ClientSampleId :

SB-13S-25.5-26

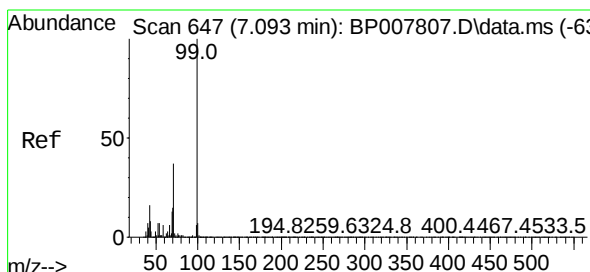
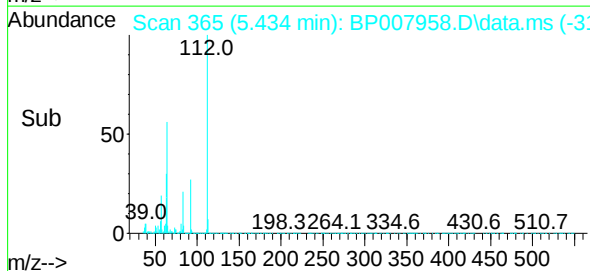
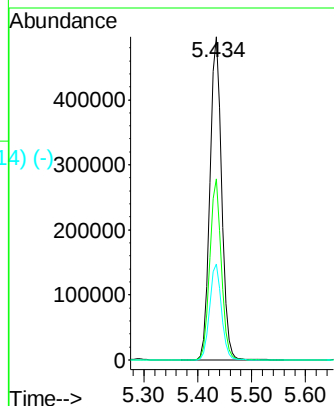
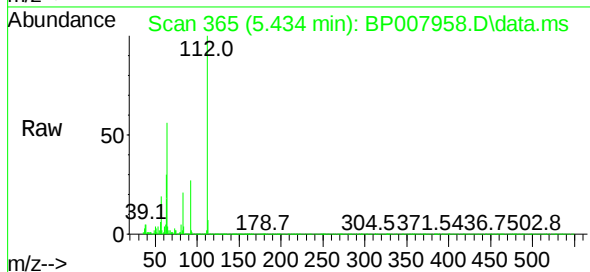
Tgt Ion:112 Resp: 740177

Ion Ratio Lower Upper

112 100

64 56.0 46.6 70.0

63 29.7 25.0 37.6



Phenol-d6

Concen: 121.92 ng

RT: 7.022 min Scan# 635

Delta R.T. -0.006 min

Lab File: BP007958.D

Acq: 11 Nov 2021 22:19

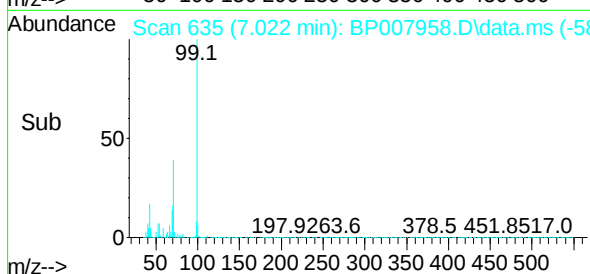
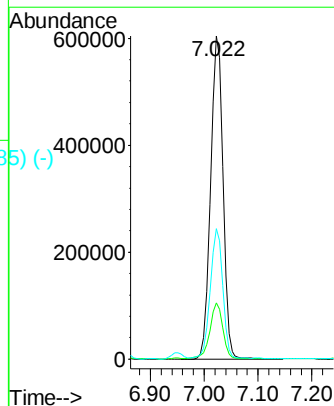
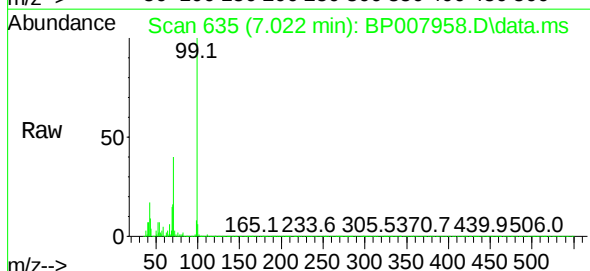
Tgt Ion: 99 Resp: 960704

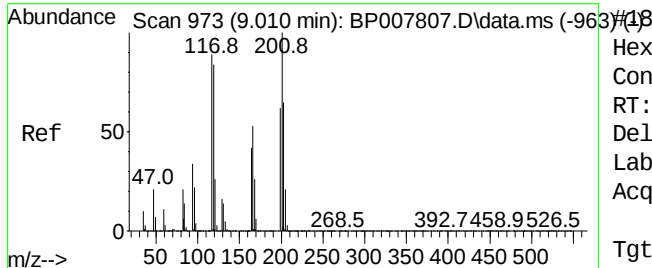
Ion Ratio Lower Upper

99 100

42 17.4 14.9 22.3

71 40.4 29.2 43.8





Hexachloroethane

Concen: 7.54 ng

RT: 8.957 min Scan# 973

Delta R.T. 0.023 min

Lab File: BP007958.D

Acq: 11 Nov 2021 22:19

Instrument :

BNA_P

ClientSampleId :

SB-13S-25.5-26

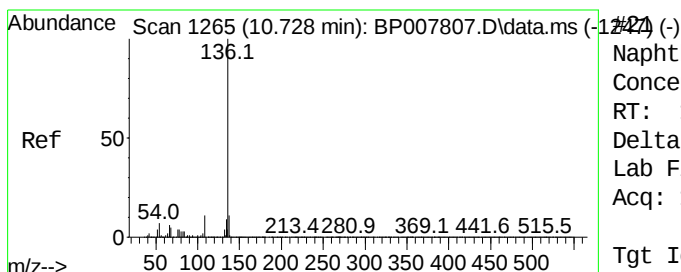
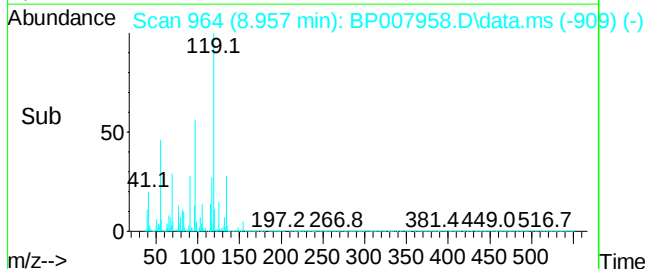
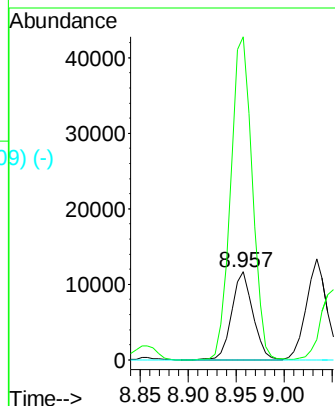
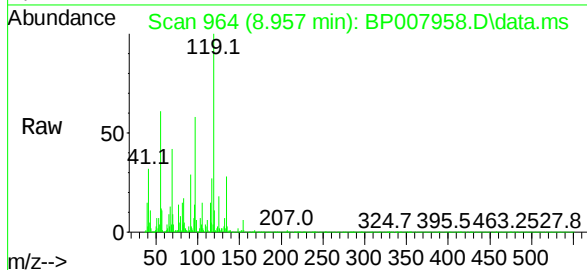
Tgt Ion:117 Resp: 17770

Ion Ratio Lower Upper

117 100

119 365.7 77.6 116.4#

201 0.0 82.9 124.3#



Naphthalene-d8

Concen: 20.00 ng

RT: 10.646 min Scan# 1251

Delta R.T. -0.006 min

Lab File: BP007958.D

Acq: 11 Nov 2021 22:19

Tgt Ion:136 Resp: 343349

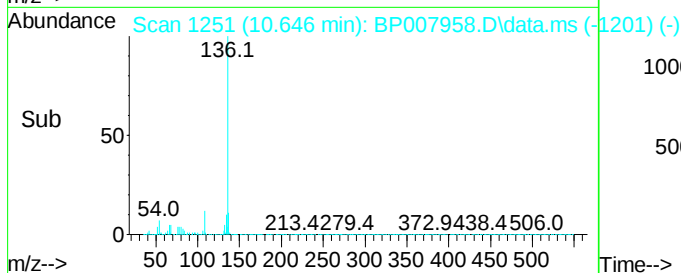
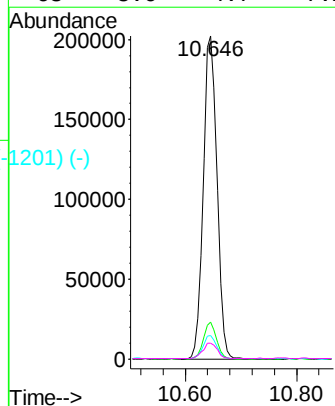
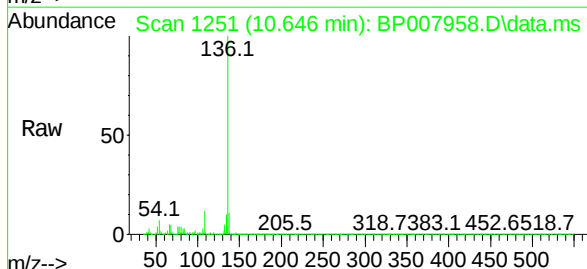
Ion Ratio Lower Upper

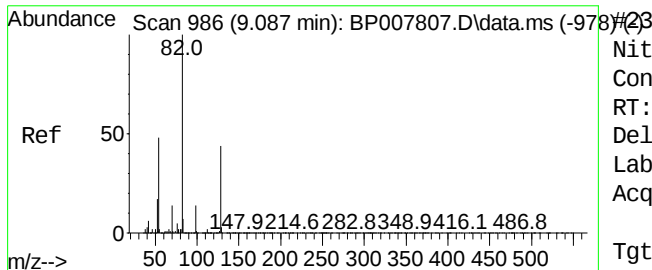
136 100

137 11.4 8.6 13.0

54 7.4 6.2 9.4

68 5.0 4.7 7.1





Nitrobenzene-d5

Concen: 83.16 ng

RT: 9.004 min Scan# 1904

Delta R.T. -0.006 min

Lab File: BP007958.D

Acq: 11 Nov 2021 22:19

Instrument :

BNP_P

ClientSampleId :

SB-13S-25.5-26

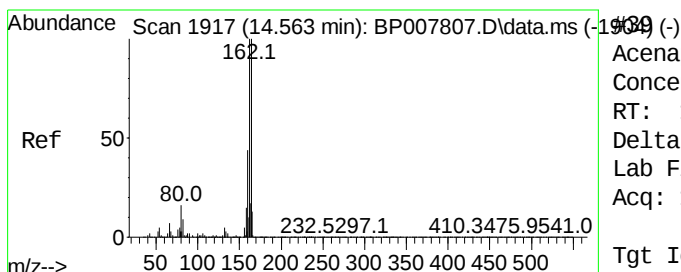
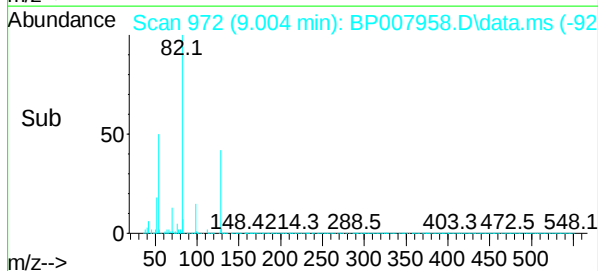
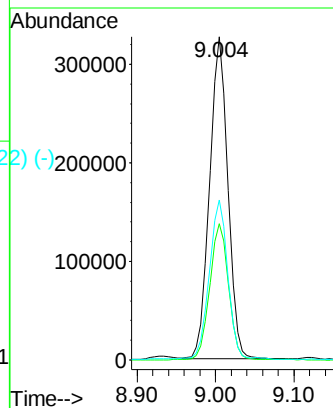
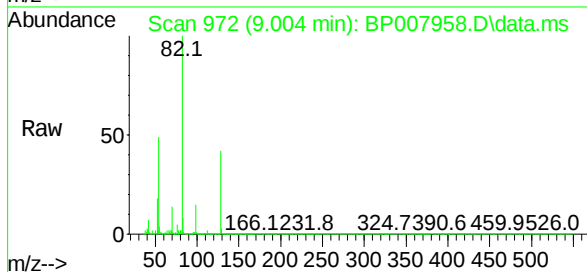
Tgt Ion: 82 Resp: 531558

Ion Ratio Lower Upper

82 100

128 42.2 32.6 48.8

54 49.5 40.4 60.6



Acenaphthene-d10

Concen: 20.00 ng

RT: 14.487 min Scan# 1904

Delta R.T. -0.006 min

Lab File: BP007958.D

Acq: 11 Nov 2021 22:19

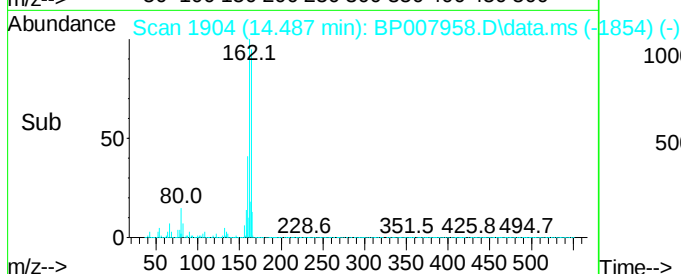
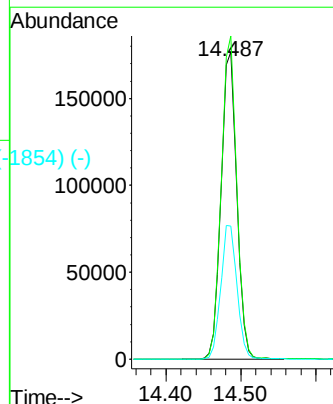
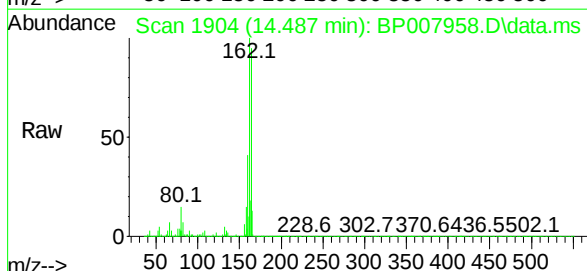
Tgt Ion: 164 Resp: 255404

Ion Ratio Lower Upper

164 100

162 105.1 81.1 121.7

160 43.3 36.0 54.0



Abundance Scan 2171 (16.057 min): BP007807.D\data.ms (-2162) (-)

2,4,6-Tribromophenol

Concen: 159.93 ng

RT: 15.981 min Scan# 1612

Delta R.T. -0.006 min

Lab File: BP007958.D

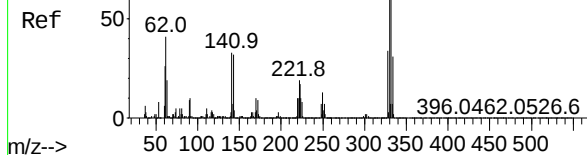
Acq: 11 Nov 2021 22:19

Instrument :

BNA_P

ClientSampleId :

SB-13S-25.5-26



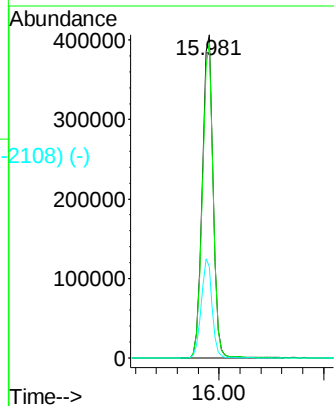
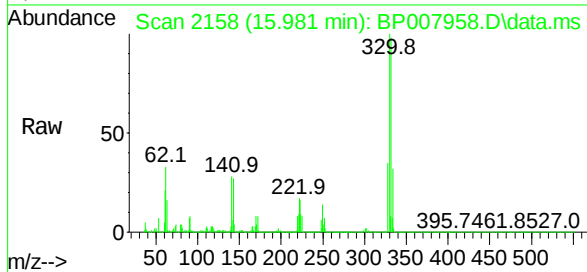
Tgt Ion:330 Resp: 582931

Ion Ratio Lower Upper

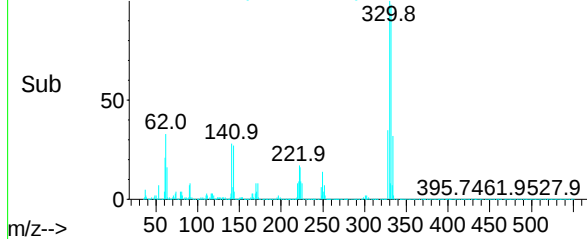
330 100

332 96.6 78.9 118.3

141 30.5 30.7 46.1#



Abundance Scan 2158 (15.981 min): BP007958.D\data.ms (-2108) (-)



Abundance Scan 1684 (13.192 min): BP007807.D\data.ms (-1674) (-)

2-Fluorobiphenyl

Concen: 81.47 ng

RT: 13.110 min Scan# 1670

Delta R.T. -0.006 min

Lab File: BP007958.D

Acq: 11 Nov 2021 22:19

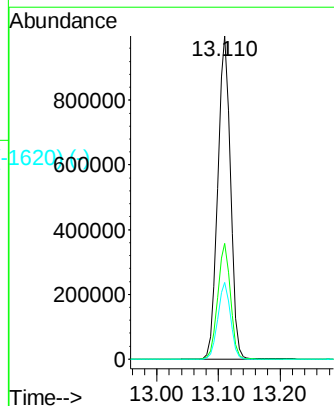
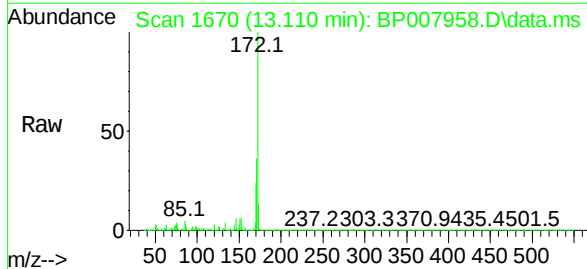
Tgt Ion:172 Resp: 1428750

Ion Ratio Lower Upper

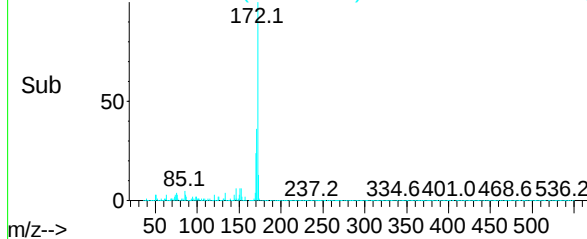
172 100

171 35.8 28.2 42.2

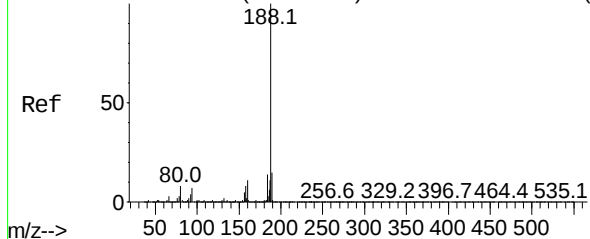
170 23.8 19.0 28.4



Abundance Scan 1670 (13.110 min): BP007958.D\data.ms (-1620) (-)



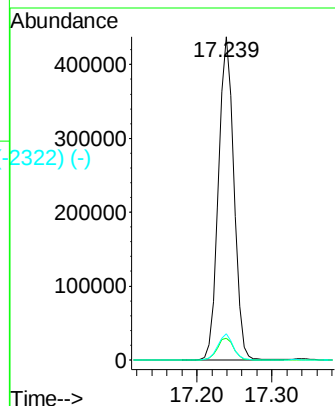
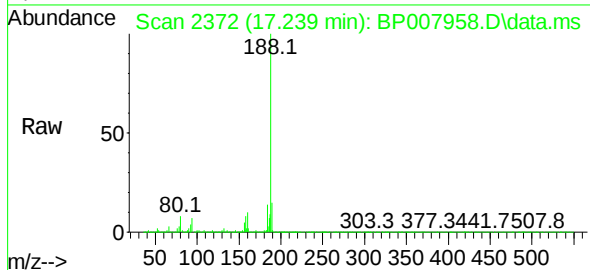
Abundance Scan 2386 (17.322 min): BP007807.D\data.ms (-2386) (-)



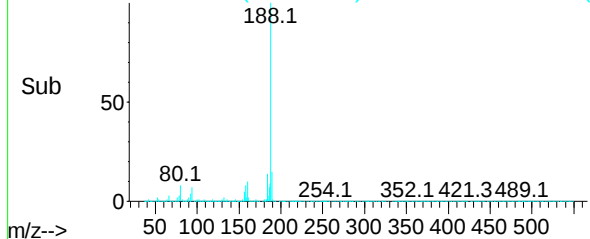
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.239 min Scan# 2386
Delta R.T. -0.006 min
Lab File: BP007958.D
Acq: 11 Nov 2021 22:19

Instrument :
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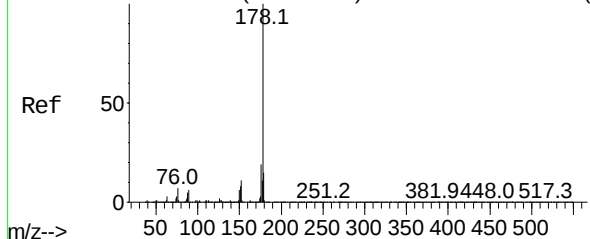
Tgt Ion:188 Resp: 622882
Ion Ratio Lower Upper
188 100
94 6.7 7.1 10.7#
80 8.1 7.8 11.6



Abundance Scan 2372 (17.239 min): BP007958.D\data.ms (-2372) (-)

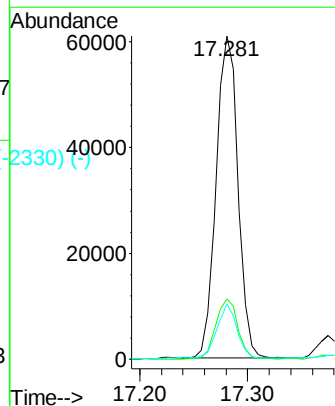
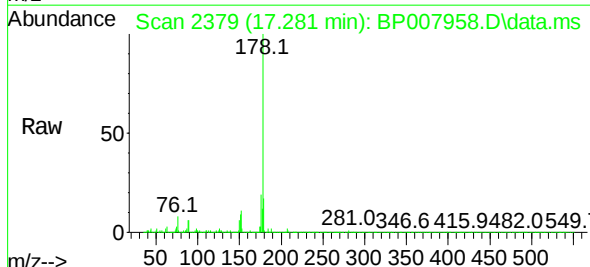


Abundance Scan 2393 (17.363 min): BP007807.D\data.ms (-2393) (-)

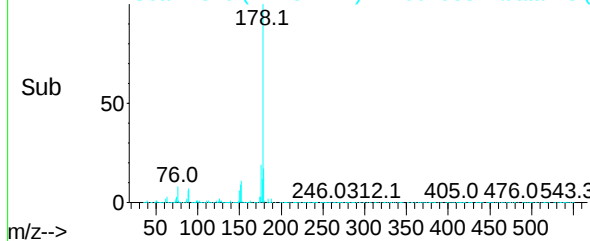


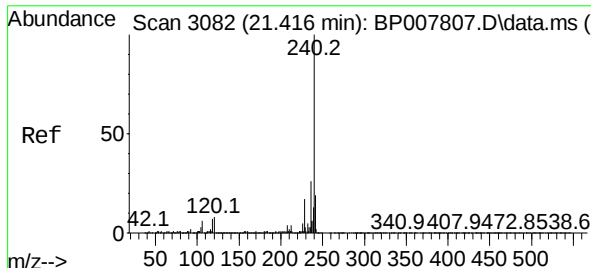
Phenanthrene
Concen: 2.63 ng
RT: 17.281 min Scan# 2379
Delta R.T. -0.012 min
Lab File: BP007958.D
Acq: 11 Nov 2021 22:19

Tgt Ion:178 Resp: 86260
Ion Ratio Lower Upper
178 100
176 18.7 15.4 23.0
179 17.0 12.3 18.5



Abundance Scan 2379 (17.281 min): BP007958.D\data.ms (-2379) (-)





Chrysene-d12

Concen: 20.00 ng

RT: 21.333 min Scan# 3068

Delta R.T. -0.006 min

Lab File: BP007958.D

Acq: 11 Nov 2021 22:19

Instrument :

BNA_P

ClientSampleId :

SB-13S-25.5-26

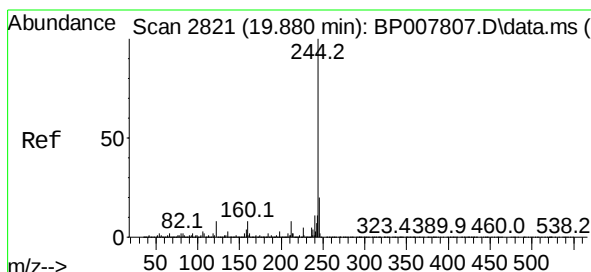
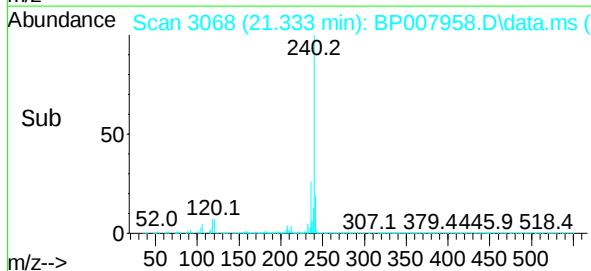
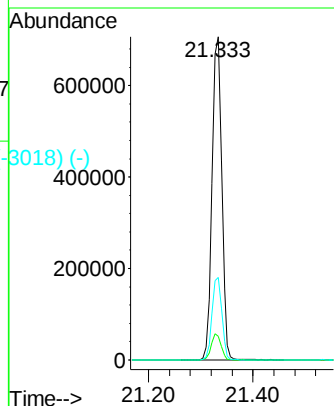
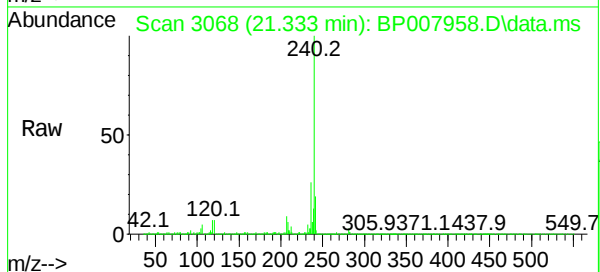
Tgt Ion:240 Resp: 906845

Ion Ratio Lower Upper

240 100

120 7.4 7.8 11.8#

236 25.6 20.6 30.8



Terphenyl-d14

Concen: 73.82 ng

RT: 19.804 min Scan# 2808

Delta R.T. -0.006 min

Lab File: BP007958.D

Acq: 11 Nov 2021 22:19

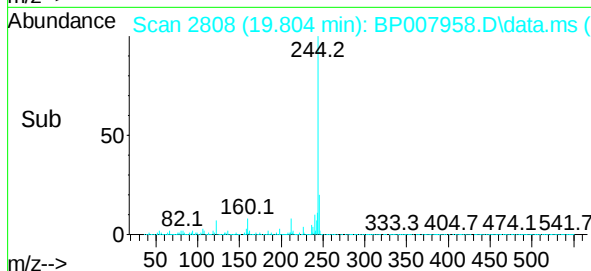
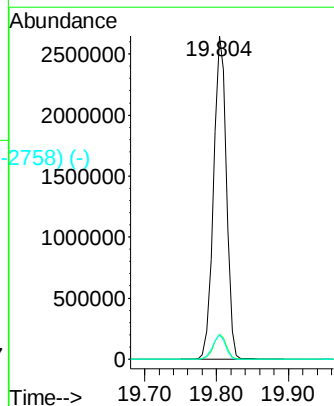
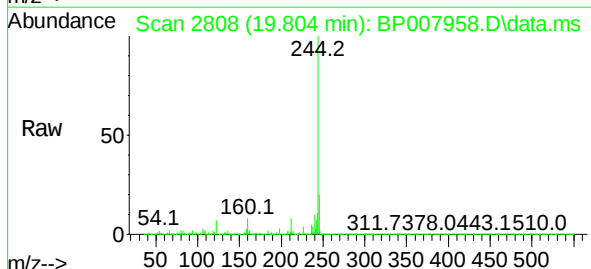
Tgt Ion:244 Resp: 3287415

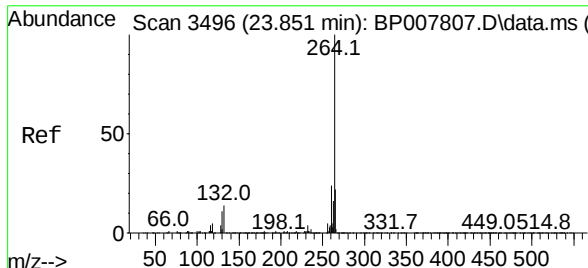
Ion Ratio Lower Upper

244 100

212 7.7 6.2 9.2

122 7.5 7.8 11.8#





Perylene-d12
 Concen: 20.00 ng
 RT: 23.739 min Scan# 1
 Delta R.T. -0.012 min
 Lab File: BP007958.D
 Acq: 11 Nov 2021 22:19

Instrument :
 BNA_P
 ClientSampleId :
 SB-13S-25.5-26

Tgt Ion:264 Resp: 1148420

Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.1	28.7
265	21.9	16.7	25.1

