

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111121\
 Data File : BP007961.D
 Acq On : 12 Nov 2021 00:01
 Operator : CG/JU
 Sample : M4630-07
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SB-13N-16.0-16.5

Quant Time: Nov 12 00:34:32 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)

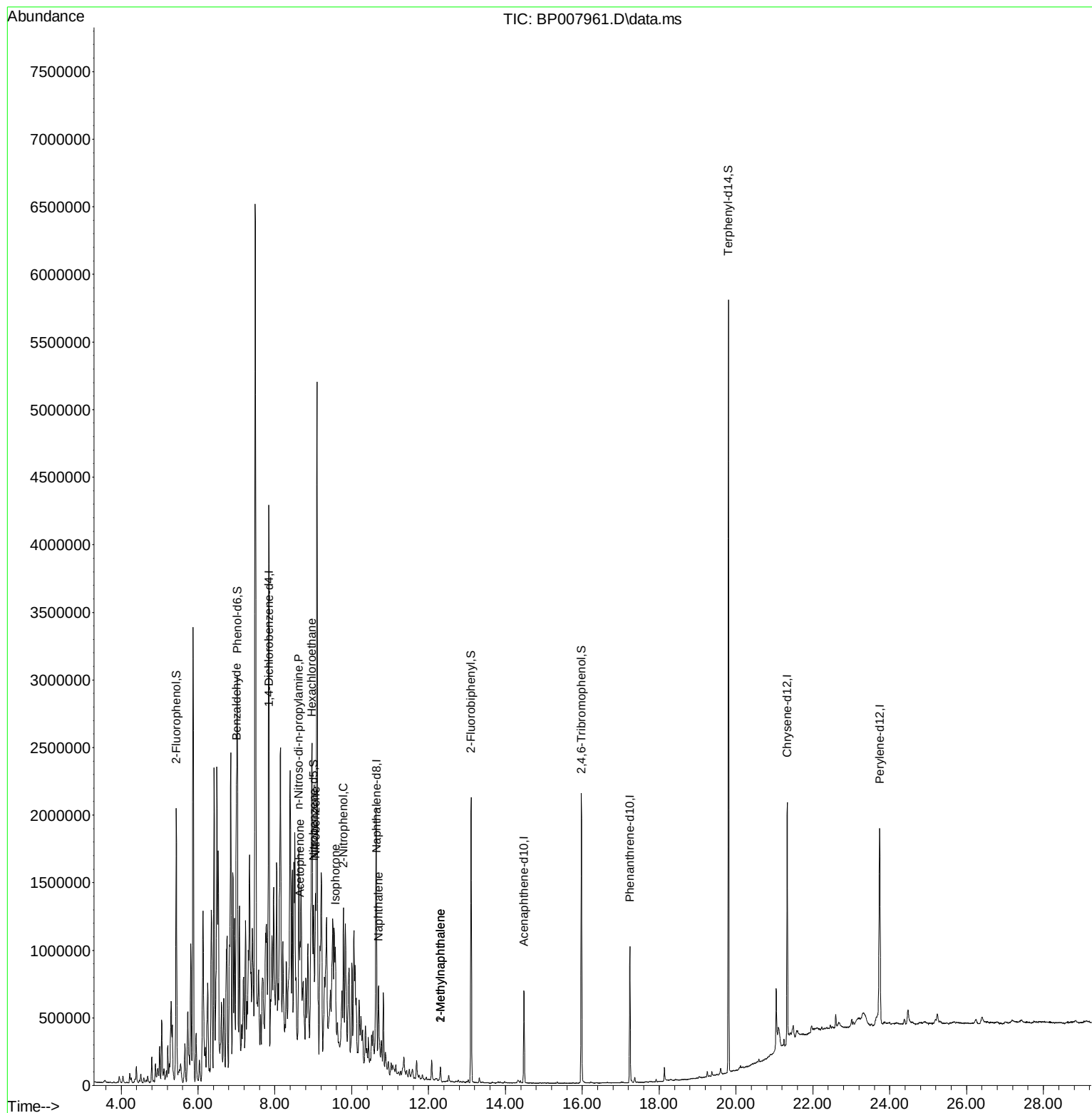
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.851	152	83833	20.00	ng	0.00
21) Naphthalene-d8	10.645	136	313679	20.00	ng	# 0.00
39) Acenaphthene-d10	14.481	164	237660	20.00	ng	-0.01
64) Phenanthrene-d10	17.239	188	587118	20.00	ng	# 0.00
76) Chrysene-d12	21.333	240	882599	20.00	ng	# 0.00
86) Perylene-d12	23.739	264	1143862	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.434	112	575928	116.51	ng	0.00
7) Phenol-d6	7.022	99	688218	96.19	ng	0.00
23) Nitrobenzene-d5	9.004	82	428754	73.42	ng	0.00
42) 2,4,6-Tribromophenol	15.980	330	430471	126.92	ng	0.00
45) 2-Fluorobiphenyl	13.110	172	1083055	66.36	ng	0.00
79) Terphenyl-d14	19.804	244	2499947	57.68	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.322	88	160	Below Cal	#	1
9) Benzaldehyde	6.999	77	42857	11.02	ng	# 1
18) Hexachloroethane	8.957	117	121220	56.63	ng	# 1
19) n-Nitroso-di-n-propyla...	8.622	70	60217	13.75	ng	# 62
22) Acetophenone	8.657	105	322726	40.83	ng	# 59
24) Nitrobenzene	9.051	77	17738	3.19	ng	# 43
25) Isophorone	9.575	82	75492	7.11	ng	# 1
26) 2-Nitrophenol	9.787	139	6207	2.21	ng	# 1
31) Naphthalene	10.698	128	362153	22.82	ng	96
37) 2-Methylnaphthalene	12.304	142	43546	3.72	ng	95
38) 1-Methylnaphthalene	12.304	142	43546	3.80	ng	99

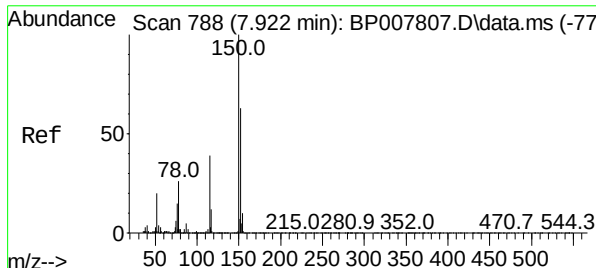
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial : 21 Sample Multiplier: 1

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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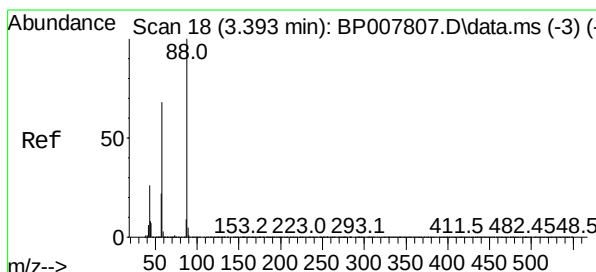
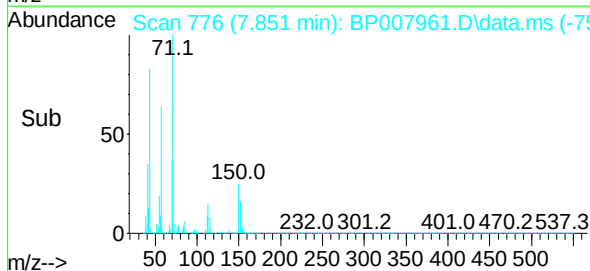
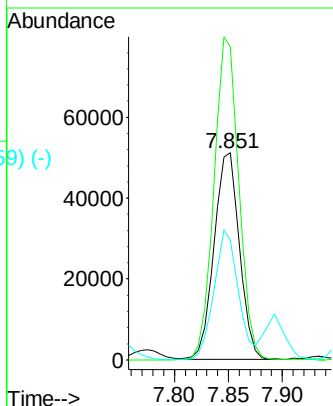
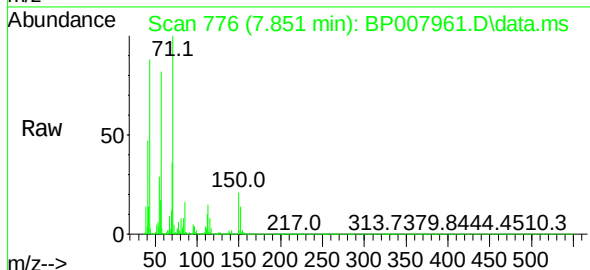




Scan 788 (7.922 min): BP007807.D\data.ms (-777) #1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.851 min Scan#
 Delta R.T. -0.001 min
 Lab File: BP007961.D
 Acq: 12 Nov 2021 00:01

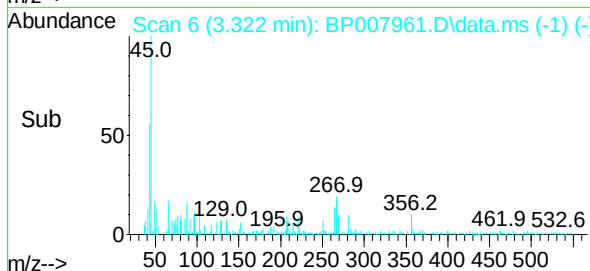
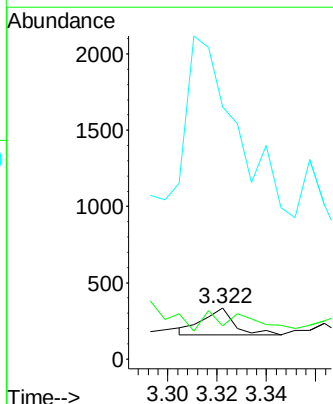
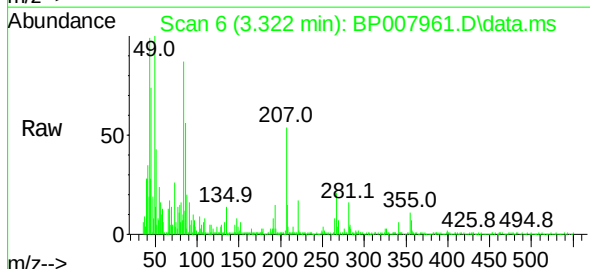
Instrument :
 BNA_P
 ClientSampleId :
 SB-13N-16.0-16.5

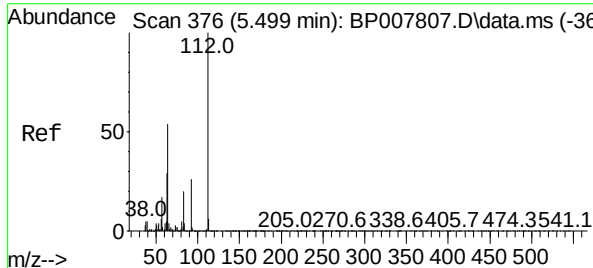
Tgt Ion:	152	Resp:	83833
Ion	Ratio	Lower	Upper
152	100		
150	151.0	124.1	186.1
115	57.8	48.1	72.1



Scan 18 (3.393 min): BP007807.D\data.ms (-3) (-) #2
 1,4-Dioxane
 Concen: Below Cal
 RT: 3.322 min Scan# 6
 Delta R.T. -0.018 min
 Lab File: BP007961.D
 Acq: 12 Nov 2021 00:01

Tgt Ion:	88	Resp:	160
Ion	Ratio	Lower	Upper
88	100		
58	36.9	58.1	87.1#
43	976.2	22.2	33.4#





2-Fluorophenol

Concen: 116.51 ng

RT: 5.434 min Scan#

Delta R.T. -0.000 min

Lab File: BP007961.D

Acq: 12 Nov 2021 00:01

Instrument :

BNA_P

ClientSampleId :

SB-13N-16.0-16.5

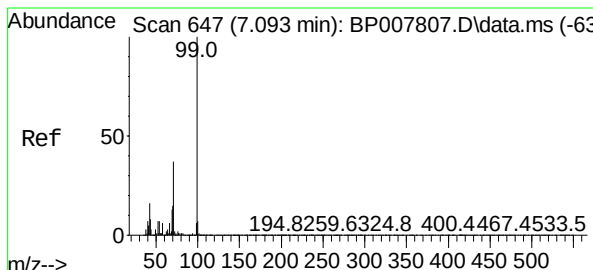
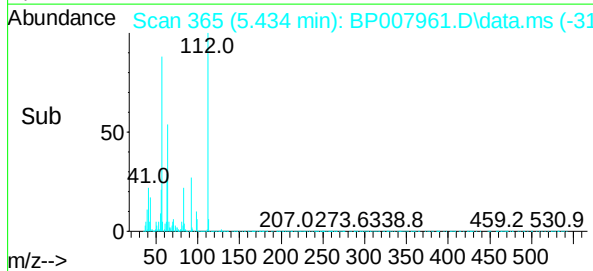
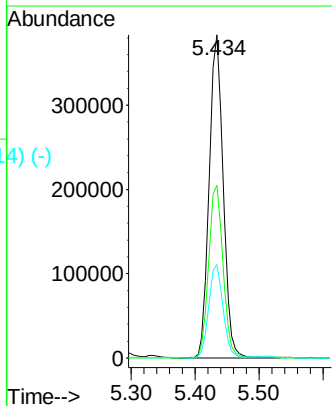
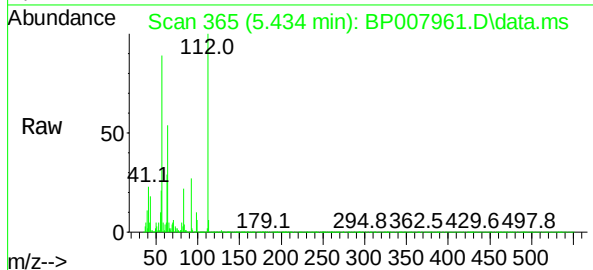
Tgt Ion:112 Resp: 575928

Ion Ratio Lower Upper

112 100

64 53.5 46.6 70.0

63 28.9 25.0 37.6



Phenol-d6

Concen: 96.19 ng

RT: 7.022 min Scan# 635

Delta R.T. -0.006 min

Lab File: BP007961.D

Acq: 12 Nov 2021 00:01

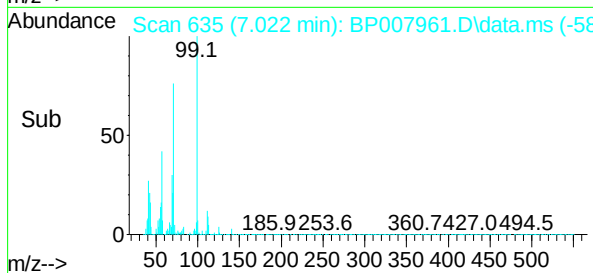
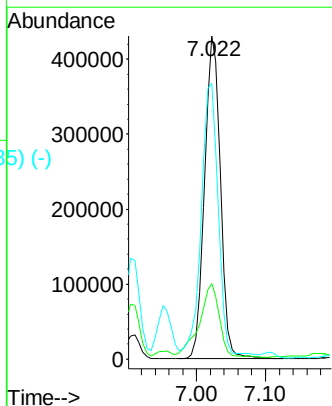
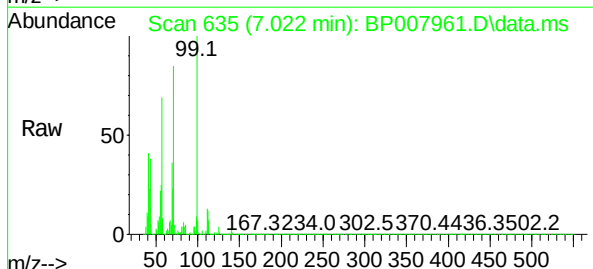
Tgt Ion: 99 Resp: 688218

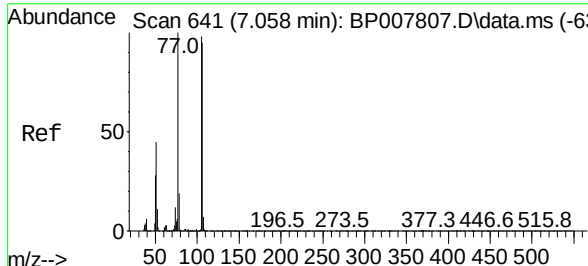
Ion Ratio Lower Upper

99 100

42 23.3 14.9 22.3#

71 85.3 29.2 43.8#





Benzaldehyde

Concen: 11.02 ng

RT: 6.999 min Scan# 641

Delta R.T. 0.006 min

Lab File: BP007961.D

Acq: 12 Nov 2021 00:01

Instrument :

BNA_P

ClientSampleId :

SB-13N-16.0-16.5

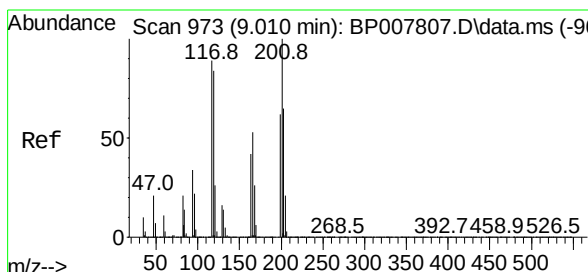
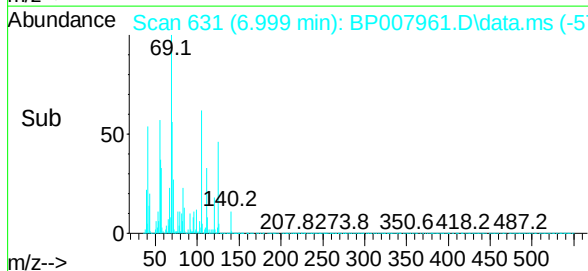
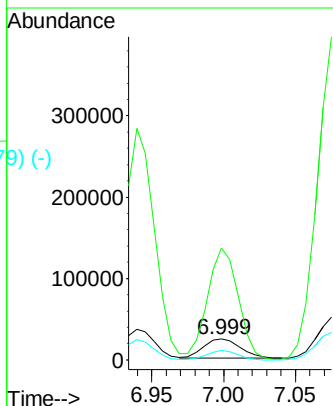
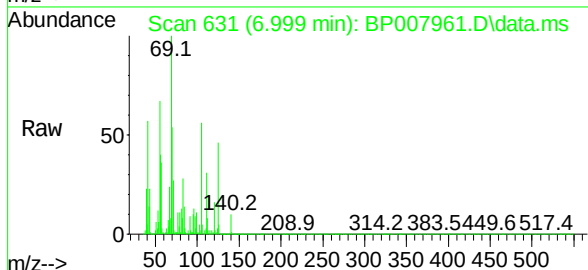
Tgt Ion: 77 Resp: 42857

Ion Ratio Lower Upper

77 100

105 525.3 77.5 117.5#

106 45.7 72.1 112.1#



Hexachloroethane

Concen: 56.63 ng

RT: 8.957 min Scan# 964

Delta R.T. 0.023 min

Lab File: BP007961.D

Acq: 12 Nov 2021 00:01

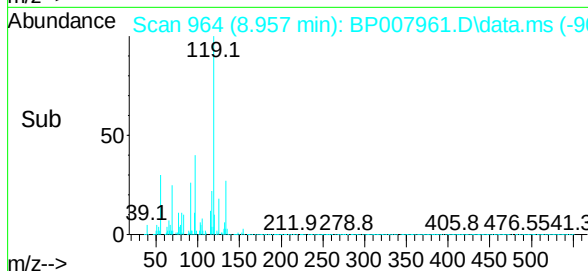
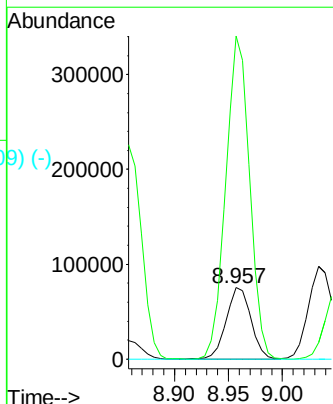
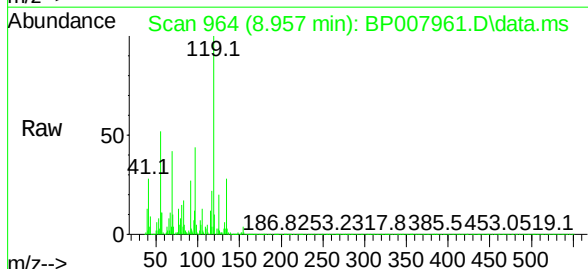
Tgt Ion: 117 Resp: 121220

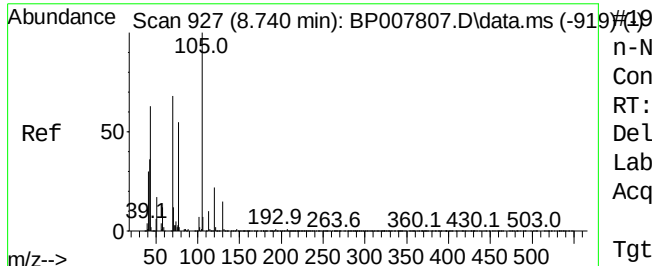
Ion Ratio Lower Upper

117 100

119 451.4 77.6 116.4#

201 0.0 82.9 124.3#

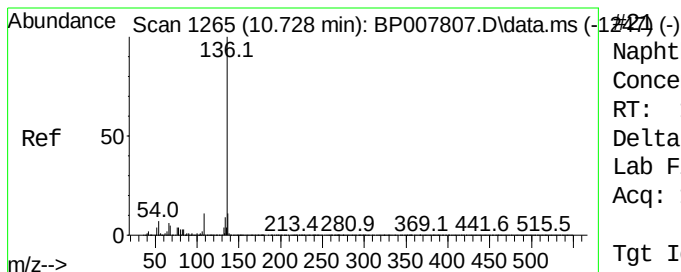
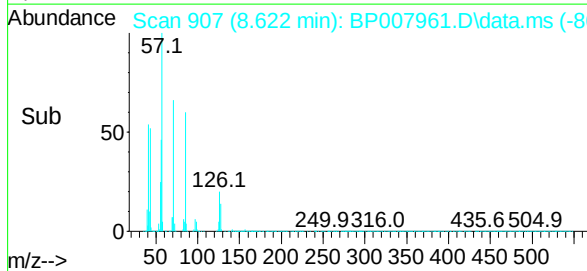
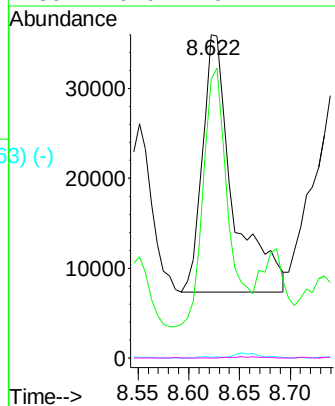
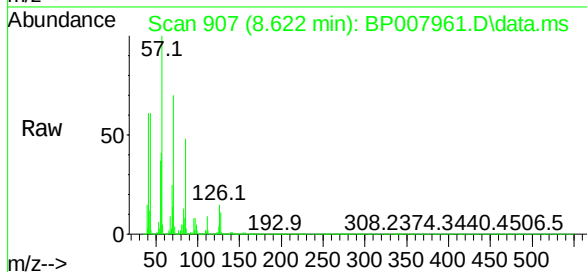




n-Nitroso-di-n-propylamine
 Concen: 13.75 ng
 RT: 8.622 min Scan# 119
 Delta R.T. -0.041 min
 Lab File: BP007961.D
 Acq: 12 Nov 2021 00:01

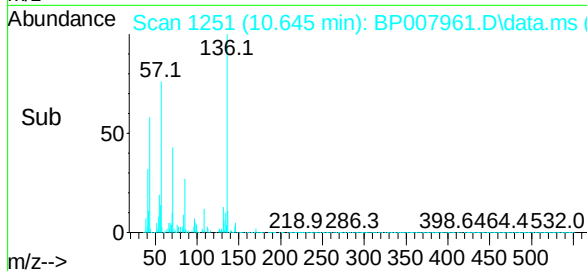
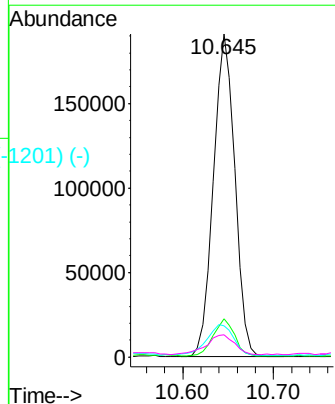
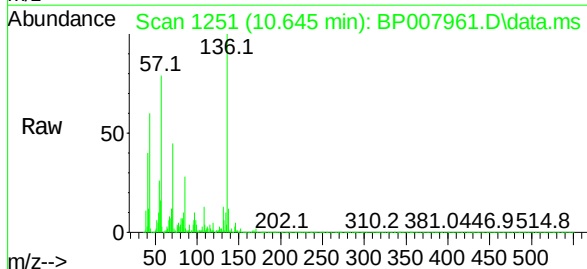
Instrument :
 BNA_P
 ClientSampleId :
 SB-13N-16.0-16.5

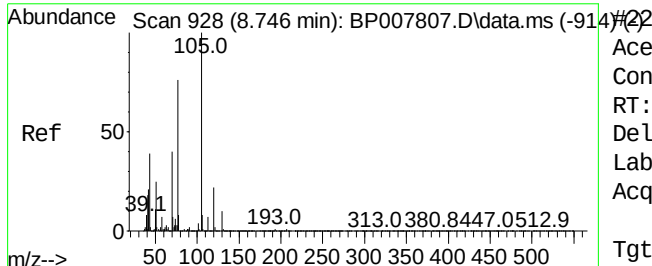
Tgt Ion:	70	Resp:	60217
Ion	Ratio	Lower	Upper
70	100		
42	86.4	46.2	69.2#
101	0.2	7.7	11.5#
130	0.0	16.2	24.4#



Naphthalene-d8
 Concen: 20.00 ng
 RT: 10.645 min Scan# 1251
 Delta R.T. -0.006 min
 Lab File: BP007961.D
 Acq: 12 Nov 2021 00:01

Tgt Ion:	136	Resp:	313679
Ion	Ratio	Lower	Upper
136	100		
137	11.9	8.6	13.0
54	9.6	6.2	9.4#
68	6.9	4.7	7.1





Acetophenone

Concen: 40.83 ng

RT: 8.657 min Scan# 914

Delta R.T. -0.018 min

Lab File: BP007961.D

Acq: 12 Nov 2021 00:01

Instrument :

BNA_P

ClientSampleId :

SB-13N-16.0-16.5

Tgt Ion:105 Resp: 322726

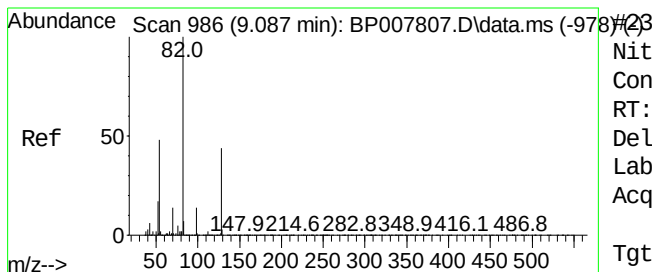
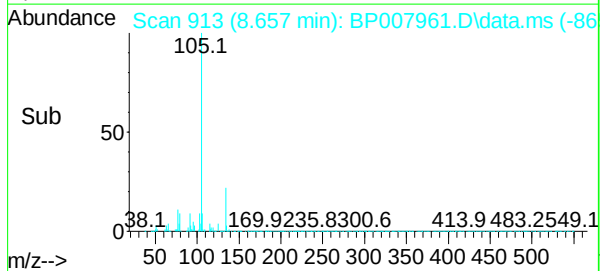
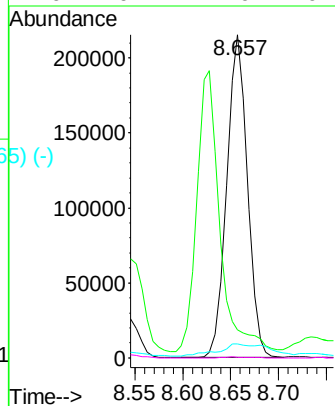
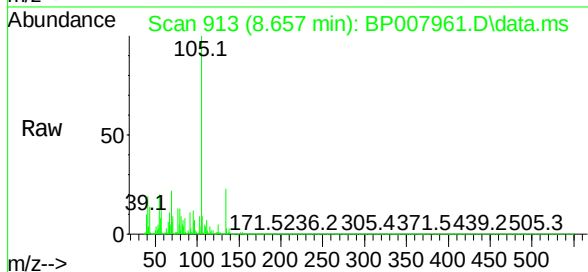
Ion Ratio Lower Upper

105 100

71 8.7 4.5 6.7#

51 4.4 21.8 32.8#

120 0.2 17.6 26.4#



Nitrobenzene-d5

Concen: 73.42 ng

RT: 9.004 min Scan# 972

Delta R.T. -0.006 min

Lab File: BP007961.D

Acq: 12 Nov 2021 00:01

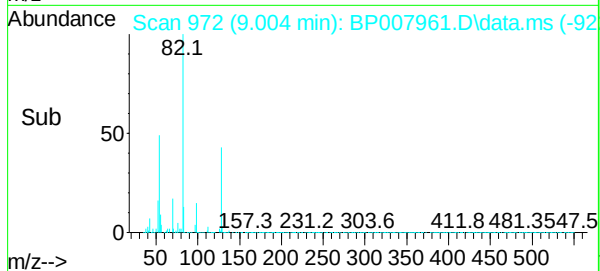
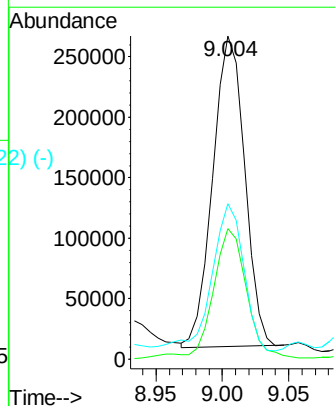
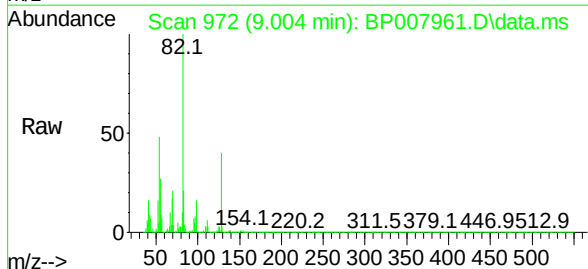
Tgt Ion: 82 Resp: 428754

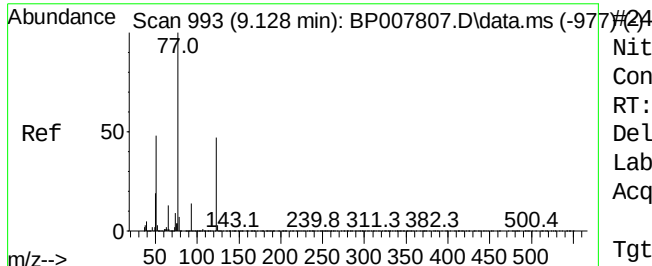
Ion Ratio Lower Upper

82 100

128 40.4 32.6 48.8

54 48.1 40.4 60.6





Nitrobenzene

Concen: 3.19 ng

RT: 9.051 min Scan# 1069

Delta R.T. -0.000 min

Lab File: BP007961.D

Acq: 12 Nov 2021 00:01

Instrument :

BNA_P

ClientSampleId :

SB-13N-16.0-16.5

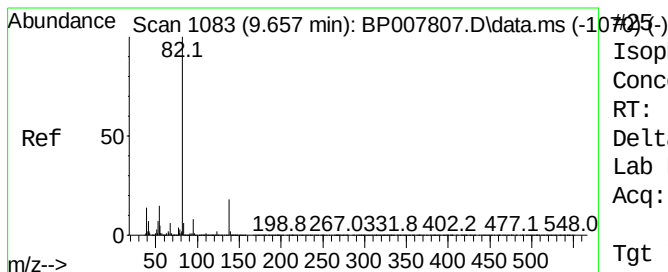
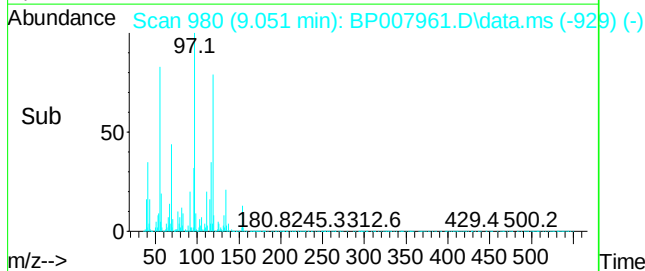
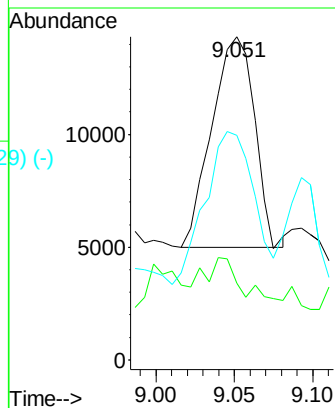
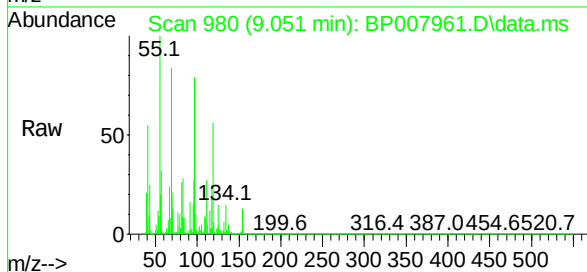
Tgt Ion: 77 Resp: 17738

Ion Ratio Lower Upper

77 100

123 23.8 35.3 52.9#

65 69.6 10.9 16.3#



Isophorone

Concen: 7.11 ng

RT: 9.575 min Scan# 1069

Delta R.T. -0.012 min

Lab File: BP007961.D

Acq: 12 Nov 2021 00:01

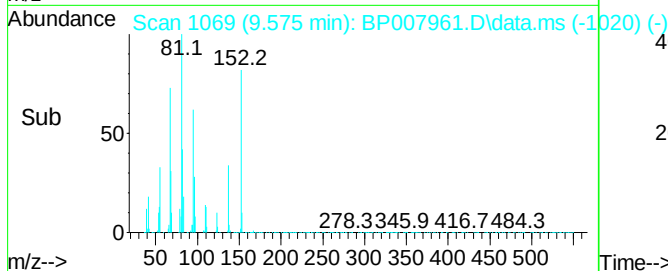
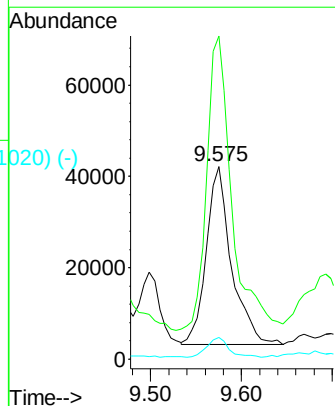
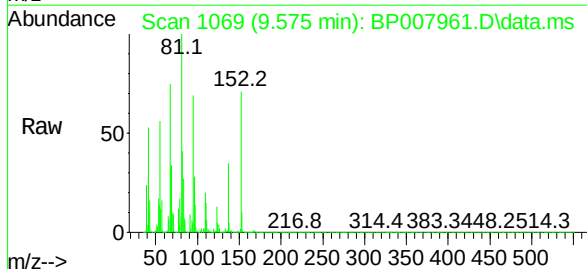
Tgt Ion: 82 Resp: 75492

Ion Ratio Lower Upper

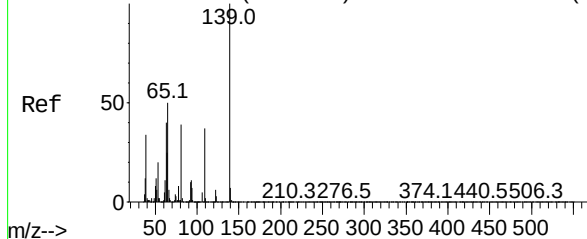
82 100

95 167.8 6.2 9.2#

138 11.2 14.0 21.0#



Abundance Scan 1114 (9.840 min): BP007807.D\data.ms (-1104) (-)



2-Nitrophenol

Concen: 2.21 ng

RT: 9.787 min Scan# 1105

Delta R.T. 0.023 min

Lab File: BP007961.D

Acq: 12 Nov 2021 00:01

Instrument :

BNA_P

ClientSampleId :

SB-13N-16.0-16.5

Tgt Ion:139 Resp: 6207

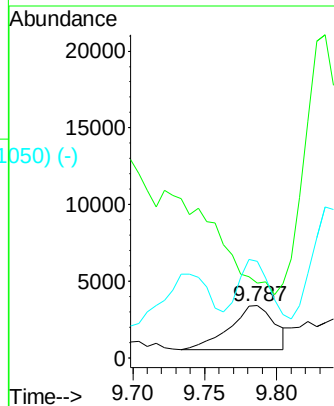
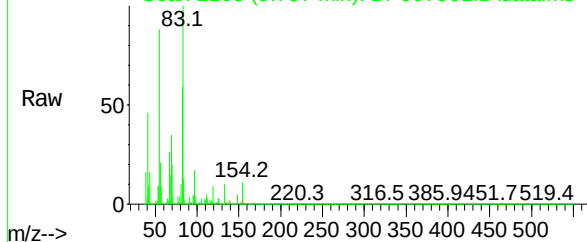
Ion Ratio Lower Upper

139 100

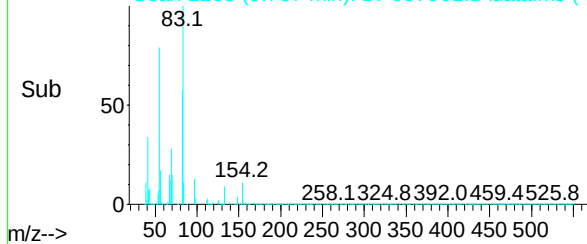
109 143.4 26.2 39.2#

65 185.1 40.3 60.5#

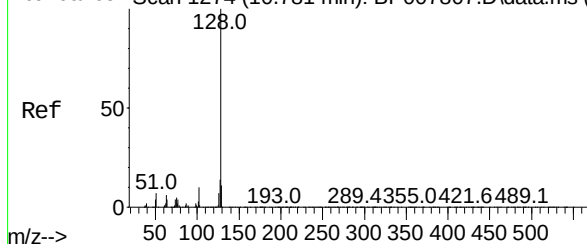
Abundance Scan 1105 (9.787 min): BP007961.D\data.ms



Abundance Scan 1105 (9.787 min): BP007961.D\data.ms (-1050) (-)



Abundance Scan 1274 (10.781 min): BP007807.D\data.ms (-1260) (-)



Naphthalene

Concen: 22.82 ng

RT: 10.698 min Scan# 1260

Delta R.T. -0.006 min

Lab File: BP007961.D

Acq: 12 Nov 2021 00:01

Tgt Ion:128 Resp: 362153

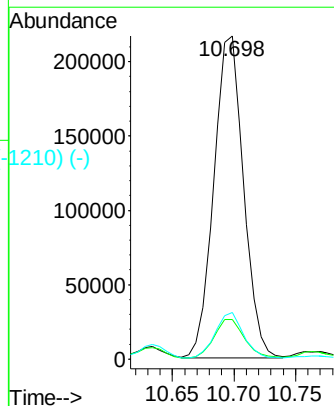
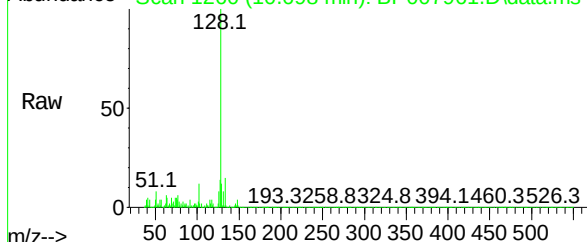
Ion Ratio Lower Upper

128 100

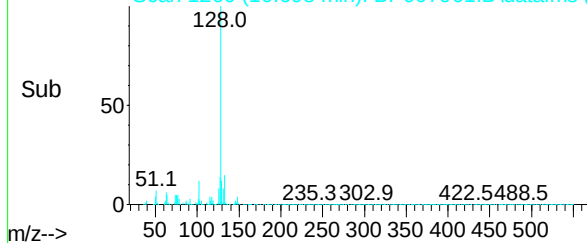
129 12.2 8.9 13.3

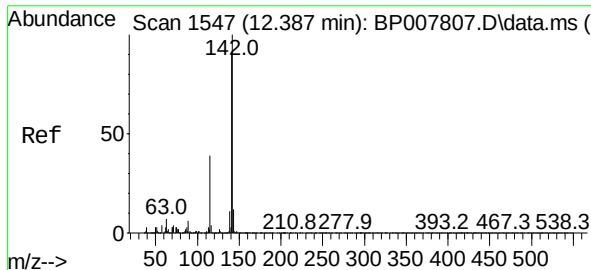
127 14.5 10.2 15.4

Abundance Scan 1260 (10.698 min): BP007961.D\data.ms



Abundance Scan 1260 (10.698 min): BP007961.D\data.ms (-1210) (-)

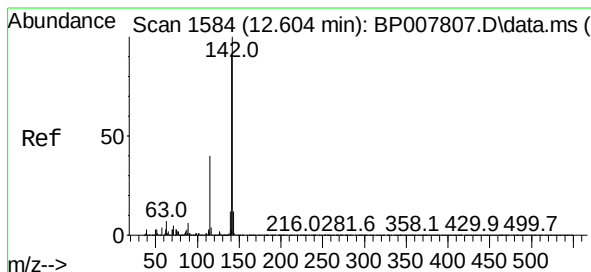
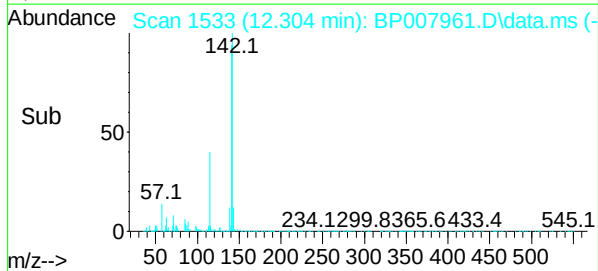
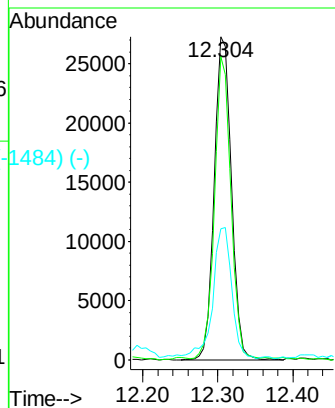
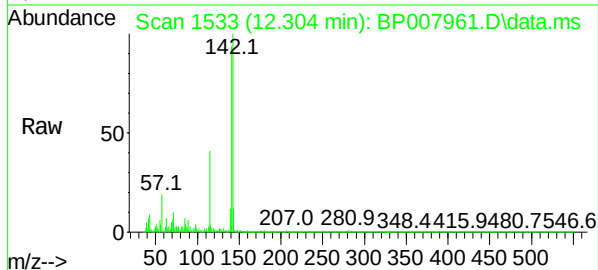




Scan 1547 (12.387 min): BP007807.D\data.ms (-1535) (-)
 2-Methylnaphthalene
 Concen: 3.72 ng
 RT: 12.304 min Scan# 1533
 Delta R.T. -0.012 min
 Lab File: BP007961.D
 Acq: 12 Nov 2021 00:01

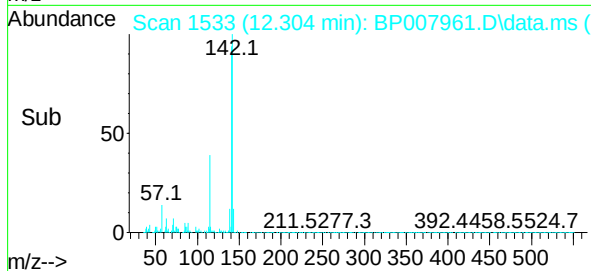
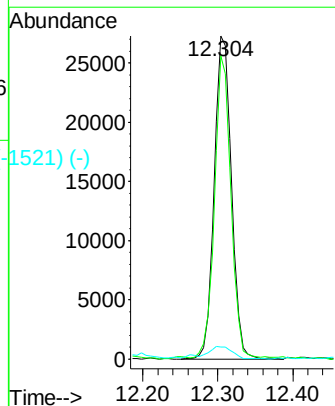
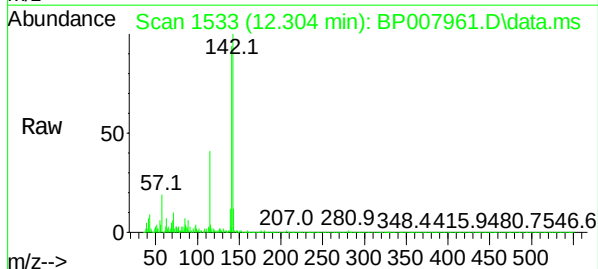
Instrument :
 BNA_P
 ClientSampleId :
 SB-13N-16.0-16.5

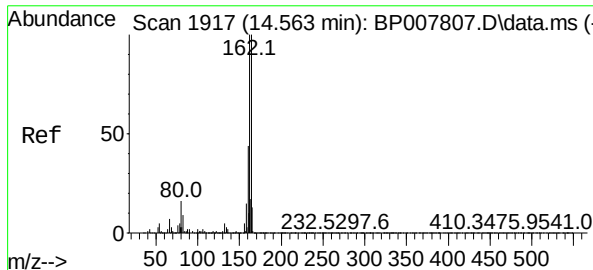
Tgt Ion:	142	Resp:	43546
Ion	Ratio	Lower	Upper
142	100		
141	93.9	71.4	107.0
115	40.7	29.5	44.3



Scan 1584 (12.604 min): BP007807.D\data.ms (-1535) (-)
 1-Methylnaphthalene
 Concen: 3.80 ng
 RT: 12.304 min Scan# 1533
 Delta R.T. -0.230 min
 Lab File: BP007961.D
 Acq: 12 Nov 2021 00:01

Tgt Ion:	142	Resp:	43546
Ion	Ratio	Lower	Upper
142	100		
141	93.9	74.4	111.6
116	3.7	3.4	5.0





Acenaphthene-d10

Concen: 20.00 ng

RT: 14.481 min Scan# 1903

Delta R.T. -0.012 min

Lab File: BP007961.D

Acq: 12 Nov 2021 00:01

Instrument :

BNA_P

ClientSampleId :

SB-13N-16.0-16.5

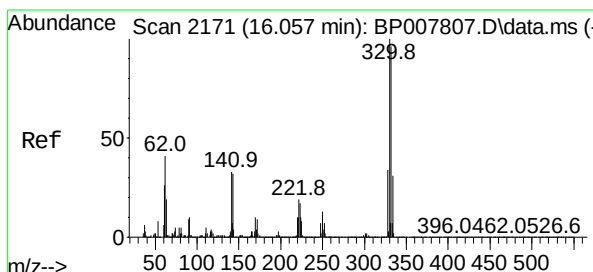
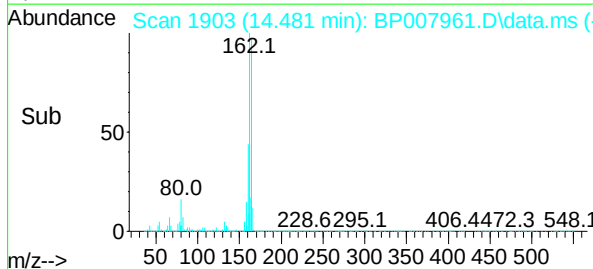
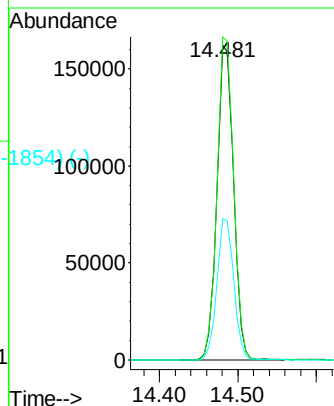
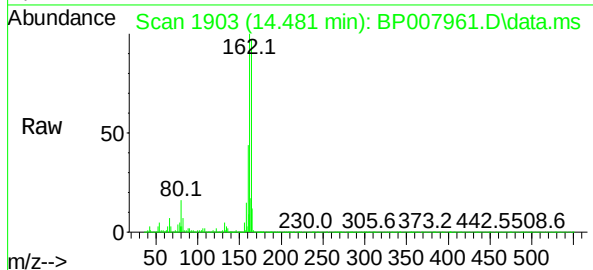
Tgt Ion:164 Resp: 237660

Ion Ratio Lower Upper

164 100

162 102.7 81.1 121.7

160 44.9 36.0 54.0



2,4,6-Tribromophenol

Concen: 126.92 ng

RT: 15.980 min Scan# 2158

Delta R.T. -0.006 min

Lab File: BP007961.D

Acq: 12 Nov 2021 00:01

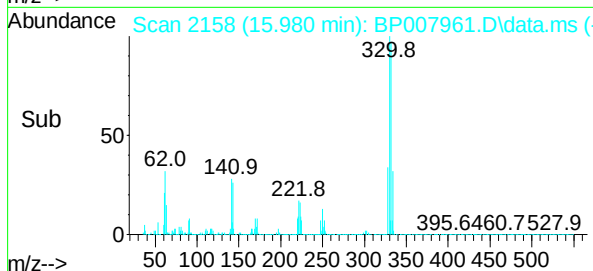
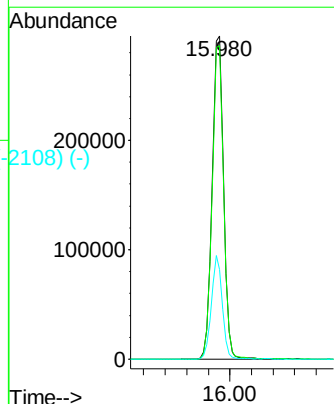
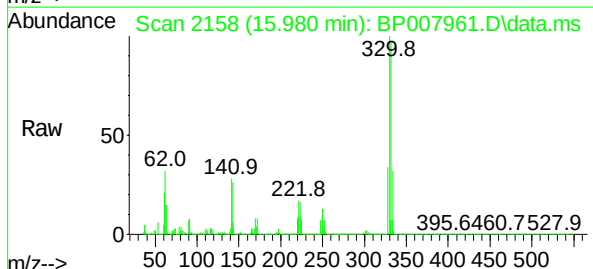
Tgt Ion:330 Resp: 430471

Ion Ratio Lower Upper

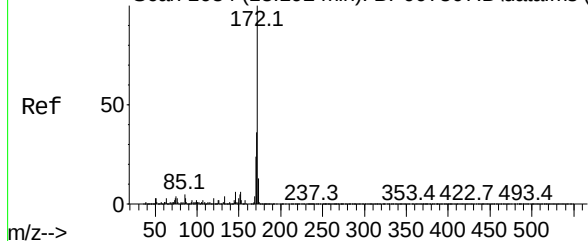
330 100

332 97.0 78.9 118.3

141 30.4 30.7 46.1#



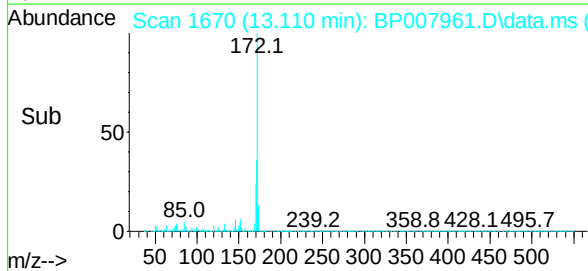
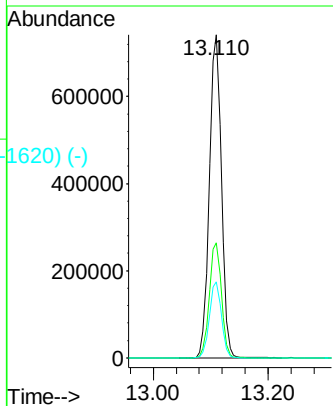
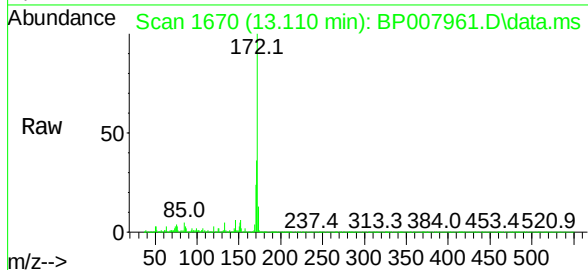
Abundance Scan 1684 (13.192 min): BP007807.D\data.ms (-16745) (-)



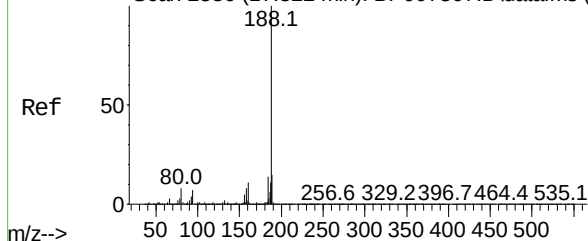
2-Fluorobiphenyl
Concen: 66.36 ng
RT: 13.110 min Scan# 16745
Delta R.T. -0.006 min
Lab File: BP007961.D
Acq: 12 Nov 2021 00:01

Instrument :
BNA_P
ClientSampleId :
SB-13N-16.0-16.5

Tgt Ion:	172	Resp:	1083055
Ion	Ratio	Lower	Upper
172	100		
171	35.6	28.2	42.2
170	23.6	19.0	28.4

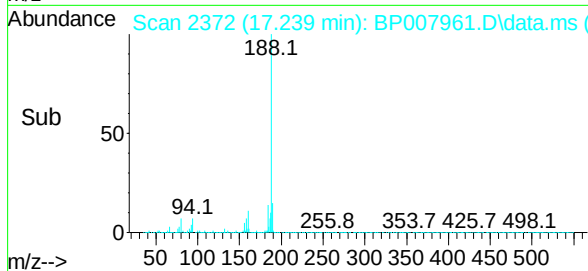
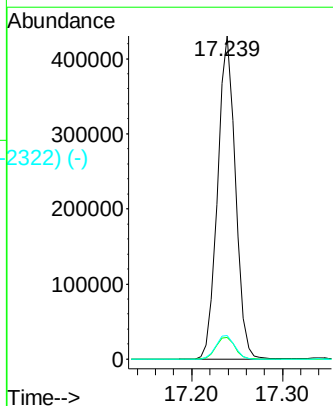
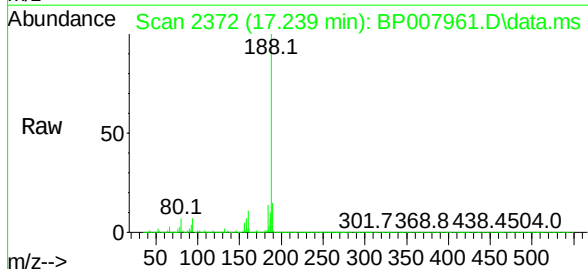


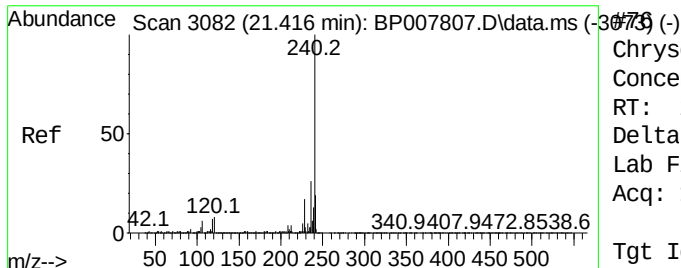
Abundance Scan 2386 (17.322 min): BP007807.D\data.ms (-2378) (-)



Phenanthrene-d10
Concen: 20.00 ng
RT: 17.239 min Scan# 2372
Delta R.T. -0.006 min
Lab File: BP007961.D
Acq: 12 Nov 2021 00:01

Tgt Ion:	188	Resp:	587118
Ion	Ratio	Lower	Upper
188	100		
94	6.8	7.1	10.7#
80	7.2	7.8	11.6#





Chrysene-d12

Concen: 20.00 ng

RT: 21.333 min Scan# 3068

Delta R.T. -0.006 min

Lab File: BP007961.D

Acq: 12 Nov 2021 00:01

Instrument :

BNA_P

ClientSampleId :

SB-13N-16.0-16.5

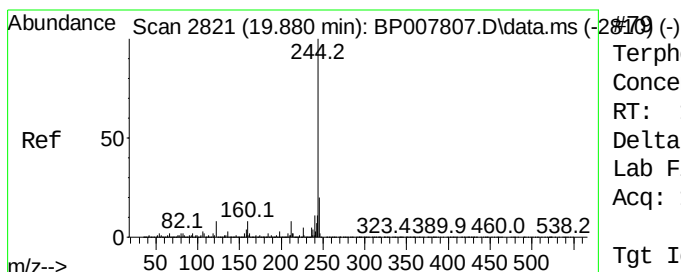
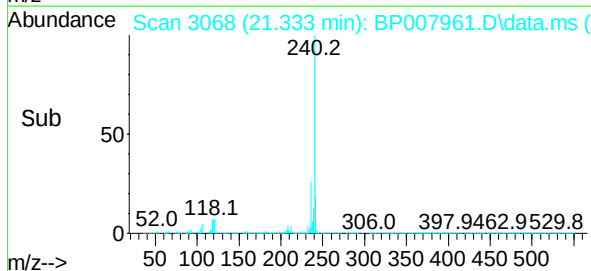
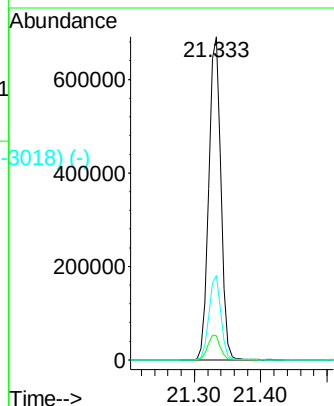
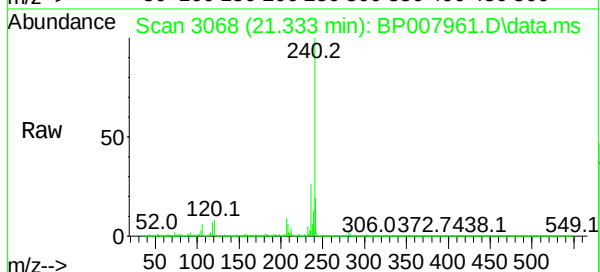
Tgt Ion:240 Resp: 882599

Ion Ratio Lower Upper

240 100

120 7.6 7.8 11.8#

236 26.0 20.6 30.8



Terphenyl-d14

Concen: 57.68 ng

RT: 19.804 min Scan# 2808

Delta R.T. -0.006 min

Lab File: BP007961.D

Acq: 12 Nov 2021 00:01

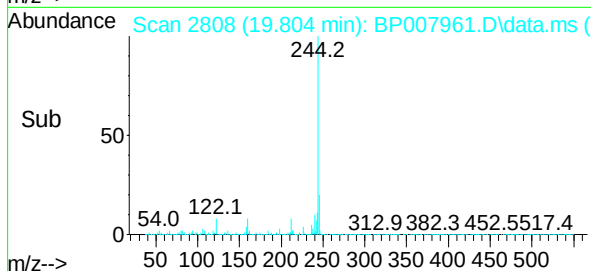
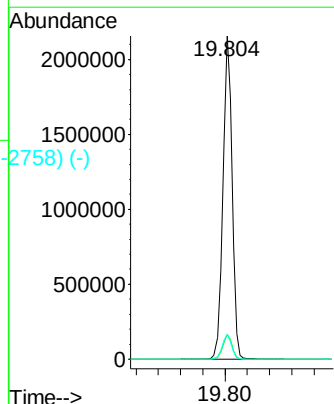
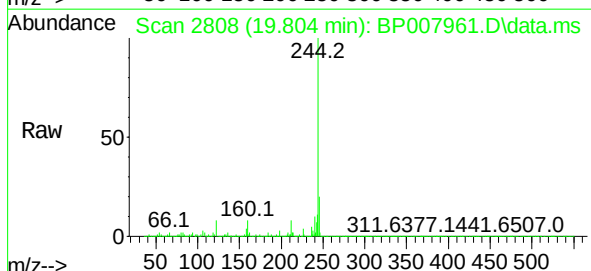
Tgt Ion:244 Resp: 2499947

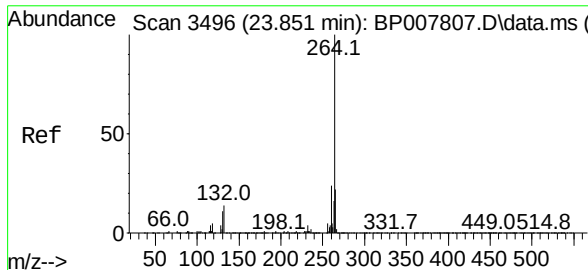
Ion Ratio Lower Upper

244 100

212 7.7 6.2 9.2

122 7.7 7.8 11.8#





Perylene-d12
 Concen: 20.00 ng
 RT: 23.739 min Scan# 488
 Delta R.T. -0.012 min
 Lab File: BP007961.D
 Acq: 12 Nov 2021 00:01

Instrument :
 BNA_P
 ClientSampleId :
 SB-13N-16.0-16.5

Tgt Ion:264 Resp: 1143862

Ion	Ratio	Lower	Upper
264	100		
260	24.7	19.1	28.7
265	22.2	16.7	25.1

