

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF040622\
 Data File : BF127672.D
 Acq On : 07 Apr 2022 02:53
 Operator : CG\JU
 Sample : N2263-01
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LINDEN-NORTH

Quant Time: Apr 07 04:06:07 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF040622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 06 13:55:27 2022
 Response via : Initial Calibration

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

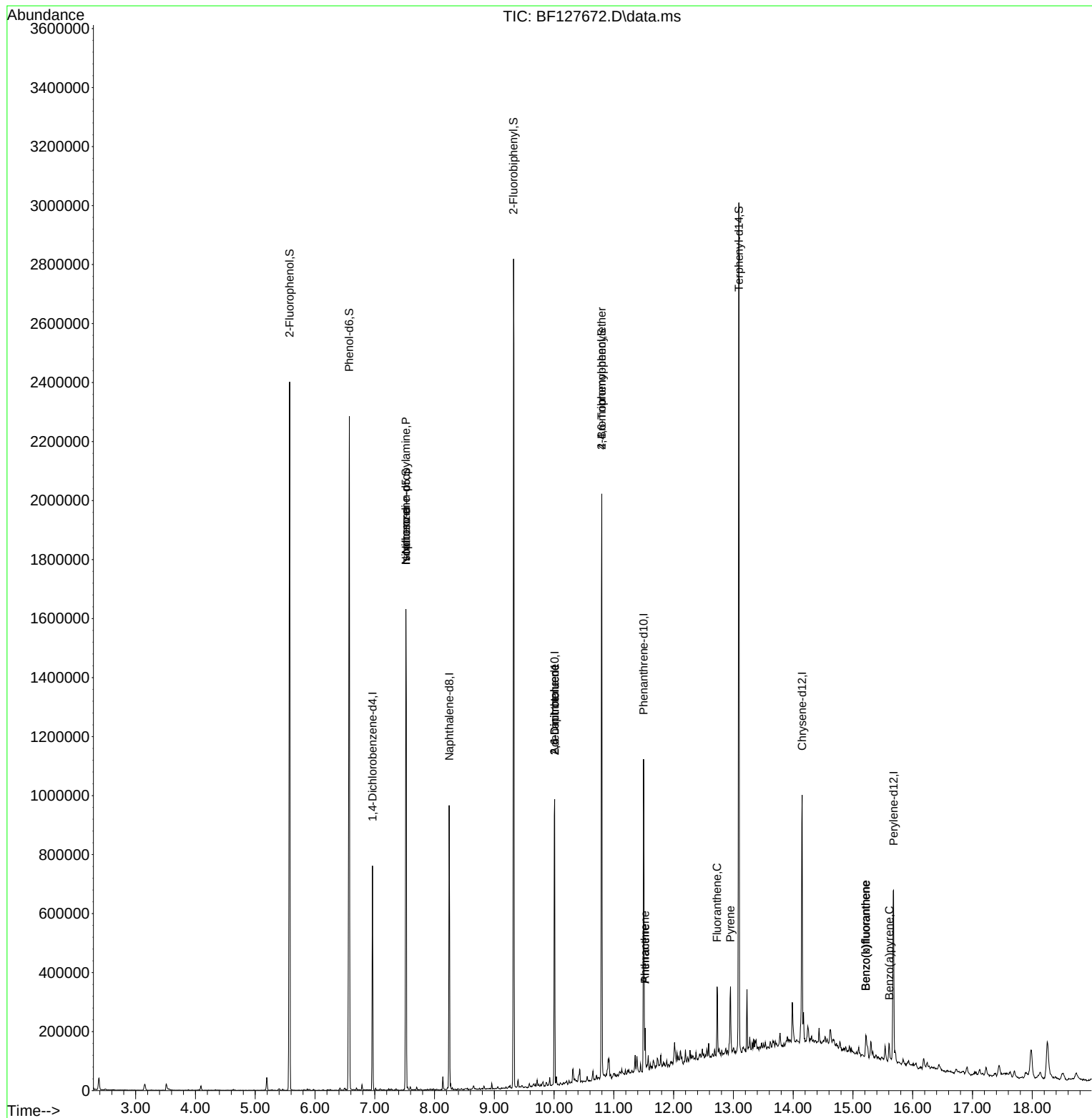
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.963	152	95570	20.000	ng	0.00
21) Naphthalene-d8	8.245	136	347353	20.000	ng	# 0.00
39) Acenaphthene-d10	10.010	164	197644	20.000	ng	0.00
64) Phenanthrene-d10	11.498	188	365718	20.000	ng	0.00
76) Chrysene-d12	14.151	240	287706	20.000	ng	0.00
86) Perylene-d12	15.680	264	290693	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.575	112	578347	98.332	ng	0.00
7) Phenol-d6	6.575	99	738544	95.985	ng	0.00
23) Nitrobenzene-d5	7.522	82	515722	66.191	ng	-0.01
42) 2,4,6-Tribromophenol	10.798	330	206337	98.105	ng	0.00
45) 2-Fluorobiphenyl	9.322	172	868582	62.170	ng	0.00
79) Terphenyl-d14	13.092	244	954881	54.783	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.516	77	320	Below Cal	#	1
19) n-Nitroso-di-n-propyla...	7.522	70	69961	14.058	ng	# 78
25) Isophorone	7.522	82	515813	37.940	ng	# 70
51) 2,6-Dinitrotoluene	10.010	165	25885	9.585	ng	# 17
57) 2,4-Dinitrotoluene	10.010	165	25885	7.731	ng	# 13
67) 4-Bromophenyl-phenylether	10.798	248	14130	3.184	ng	# 1
71) Phenanthrene	11.522	178	44411	2.292	ng	98
72) Anthracene	11.522	178	44411	2.317	ng	99
75) Fluoranthene	12.727	202	85824	4.059	ng	98
78) Pyrene	12.951	202	87189	3.589	ng	99
88) Benzo(b)fluoranthene	15.215	252	55172	2.950	ng	# 97
89) Benzo(k)fluoranthene	15.215	252	55172	2.975	ng	# 96
90) Benzo(a)pyrene	15.610	252	30635	2.016	ng	# 96

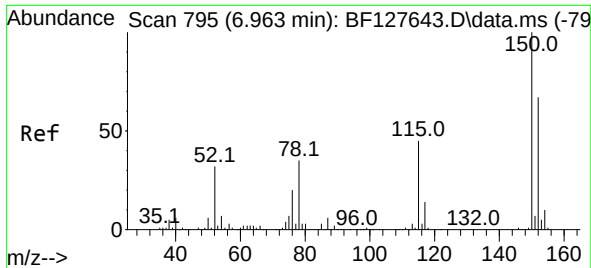
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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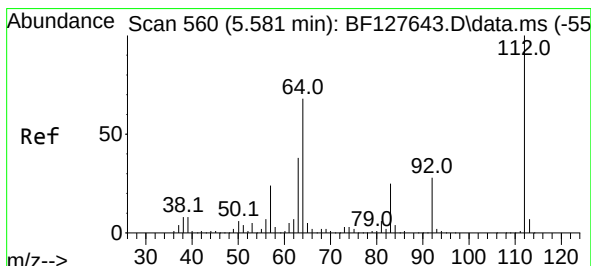
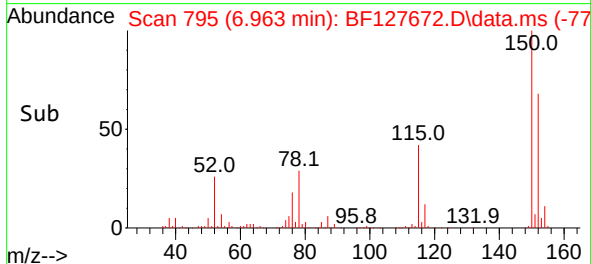
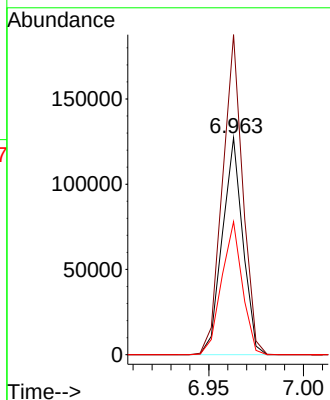
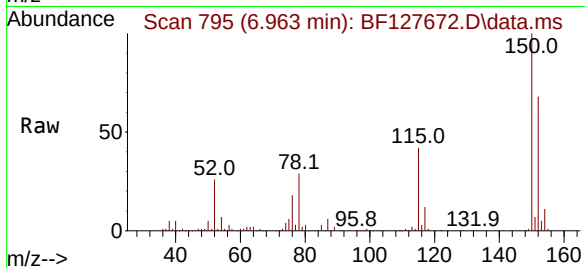




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.963 min Scan# 795
 Delta R.T. 0.000 min
 Lab File: BF127672.D
 Acq: 07 Apr 2022 02:53

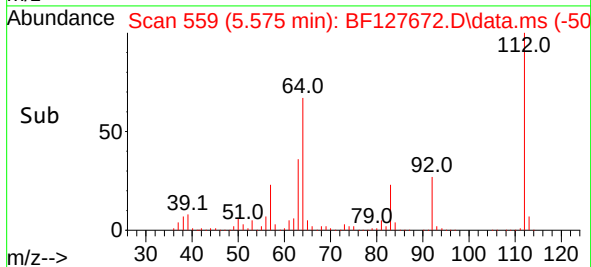
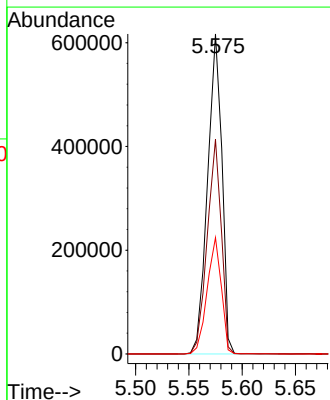
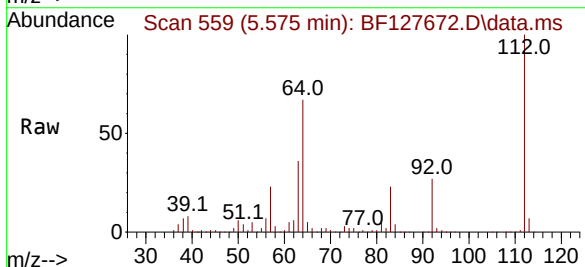
Instrument :
 BNA_F
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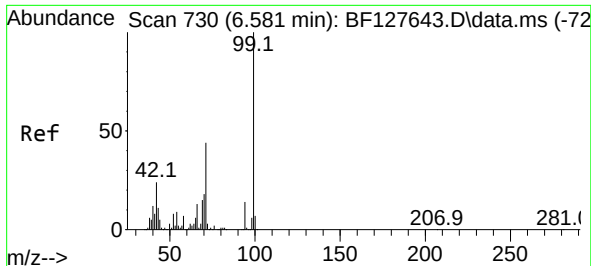
Tgt Ion:152 Resp: 95570
 Ion Ratio Lower Upper
 152 100
 150 147.4 117.2 175.8
 115 61.3 49.8 74.6



#5
 2-Fluorophenol
 Concen: 98.332 ng
 RT: 5.575 min Scan# 559
 Delta R.T. -0.006 min
 Lab File: BF127672.D
 Acq: 07 Apr 2022 02:53

Tgt Ion:112 Resp: 578347
 Ion Ratio Lower Upper
 112 100
 64 67.1 58.4 87.6
 63 36.3 30.1 45.1

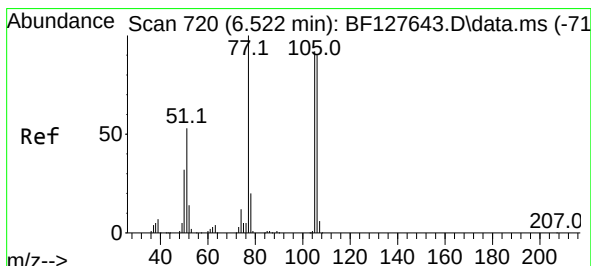
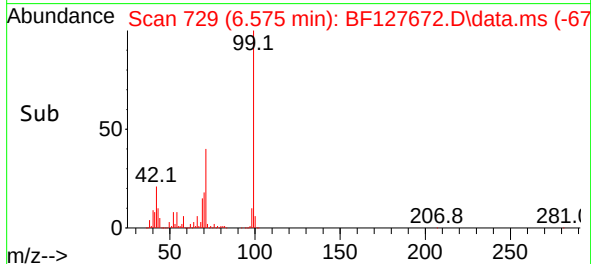
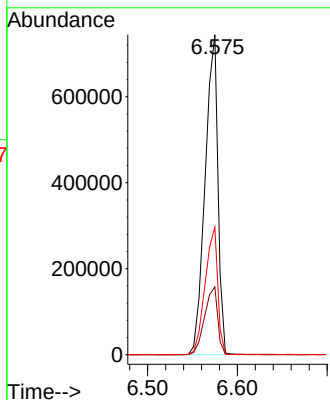
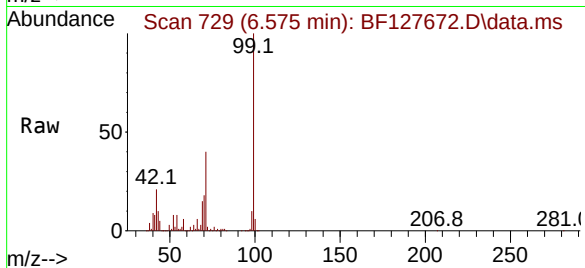




#7
Phenol-d6
Concen: 95.985 ng
RT: 6.575 min Scan# 719
Delta R.T. -0.006 min
Lab File: BF127672.D
Acq: 07 Apr 2022 02:53

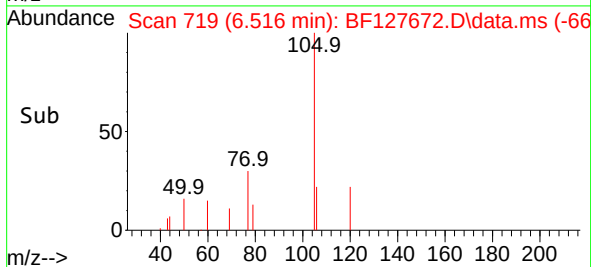
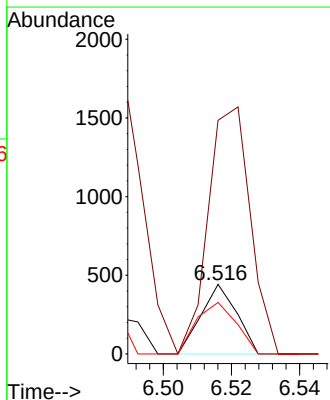
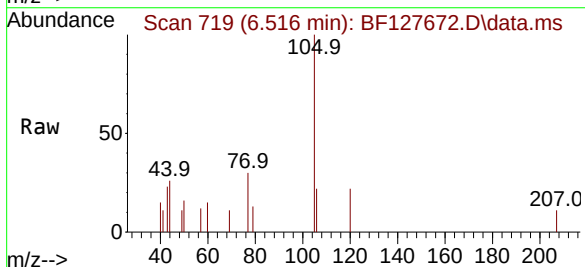
Instrument :
BNA_F
ClientSampleId :
LINDEN-NORTH

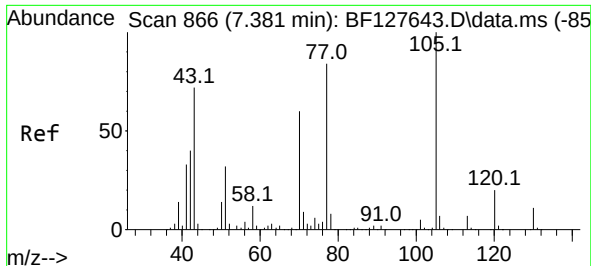
Tgt Ion: 99 Resp: 738544
Ion Ratio Lower Upper
99 100
42 21.2 17.8 26.6
71 39.8 29.6 44.4



#9
Benzaldehyde
Concen: Below Cal
RT: 6.516 min Scan# 719
Delta R.T. -0.006 min
Lab File: BF127672.D
Acq: 07 Apr 2022 02:53

Tgt Ion: 77 Resp: 320
Ion Ratio Lower Upper
77 100
105 336.0 66.8 106.8#
106 74.2 64.3 104.3





#19

n-Nitroso-di-n-propylamine

Concen: 14.058 ng

RT: 7.522 min Scan# 81

Delta R.T. 0.141 min

Lab File: BF127672.D

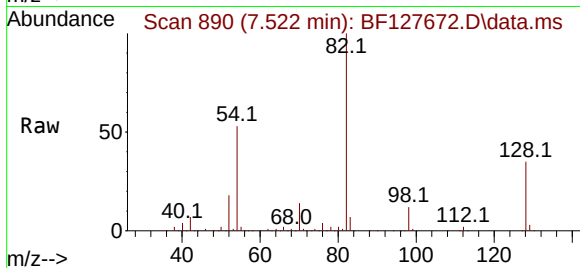
Acq: 07 Apr 2022 02:53

Instrument :

BNA_F

ClientSampleId :

LINDEN-NORTH



Tgt Ion: 70 Resp: 69961

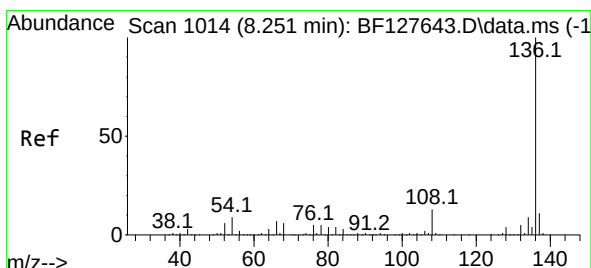
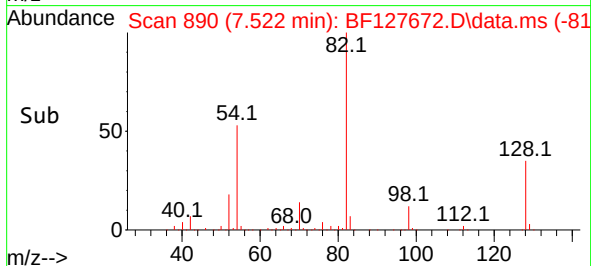
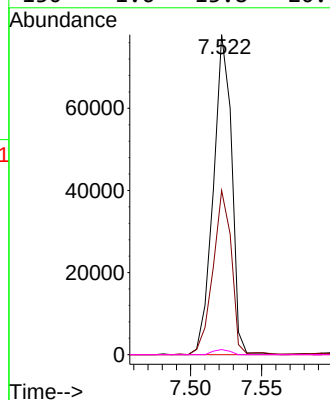
Ion Ratio Lower Upper

70 100

42 51.3 53.0 79.6#

101 0.0 6.8 10.2#

130 1.6 13.8 20.6#



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.245 min Scan# 1013

Delta R.T. -0.006 min

Lab File: BF127672.D

Acq: 07 Apr 2022 02:53

Tgt Ion: 136 Resp: 347353

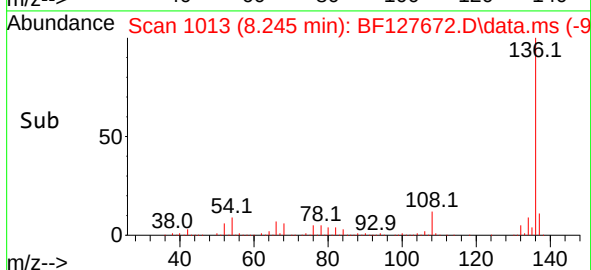
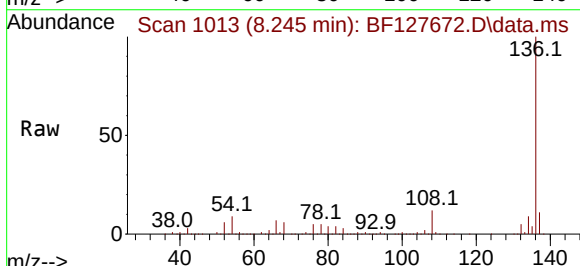
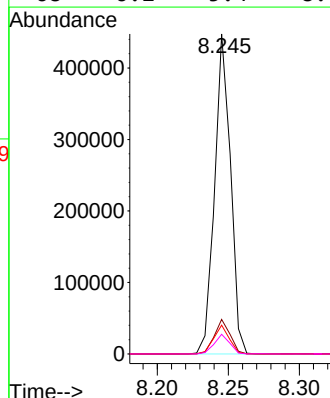
Ion Ratio Lower Upper

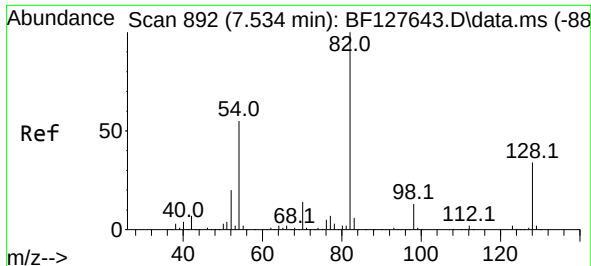
136 100

137 10.8 8.6 13.0

54 9.0 9.2 13.8#

68 6.2 5.4 8.0

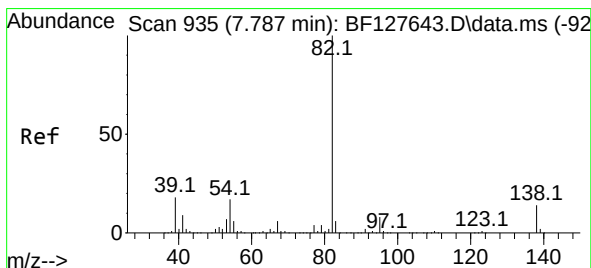
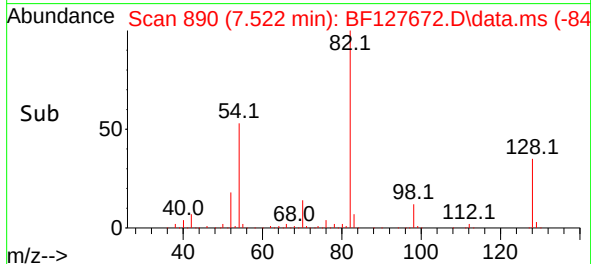
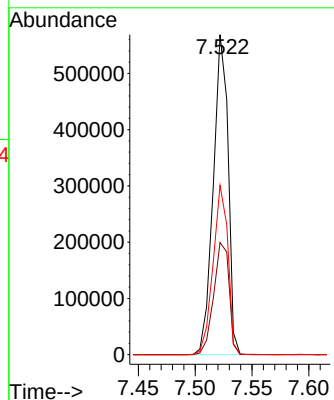
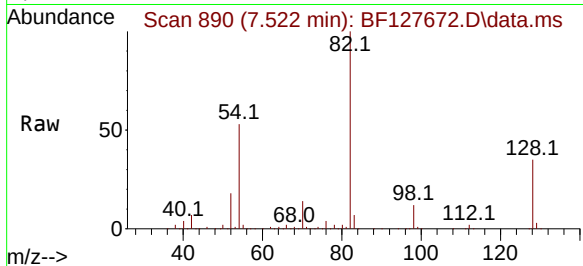




#23
Nitrobenzene-d5
Concen: 66.191 ng
RT: 7.522 min Scan# 890
Delta R.T. -0.012 min
Lab File: BF127672.D
Acq: 07 Apr 2022 02:53

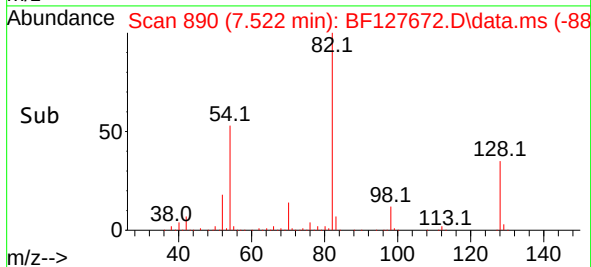
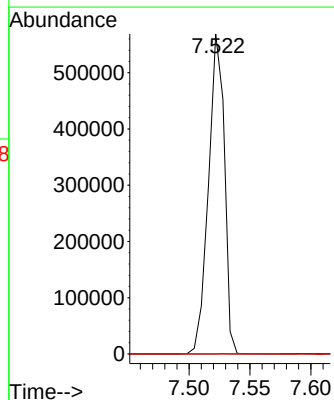
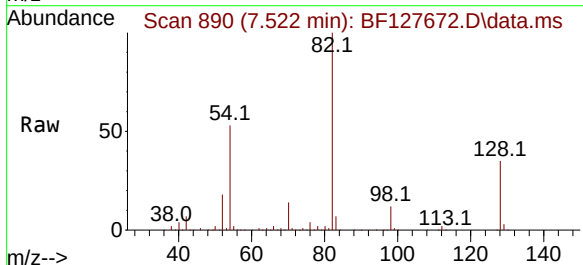
Instrument :
BNA_F
ClientSampleId :
LINDEN-NORTH

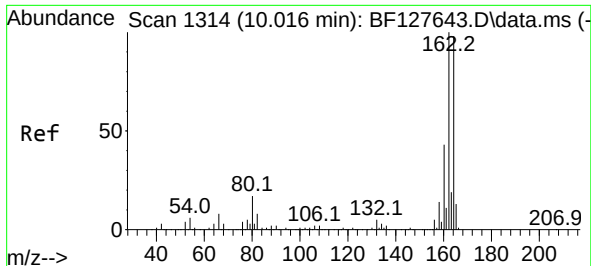
Tgt Ion: 82 Resp: 515722
Ion Ratio Lower Upper
82 100
128 35.1 30.6 45.8
54 52.9 48.2 72.2



#25
Isophorone
Concen: 37.940 ng
RT: 7.522 min Scan# 890
Delta R.T. -0.265 min
Lab File: BF127672.D
Acq: 07 Apr 2022 02:53

Tgt Ion: 82 Resp: 515813
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.8#
138 0.0 11.6 17.4#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.010 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF127672.D

Acq: 07 Apr 2022 02:53

Instrument :

BNA_F

ClientSampleId :

LINDEN-NORTH

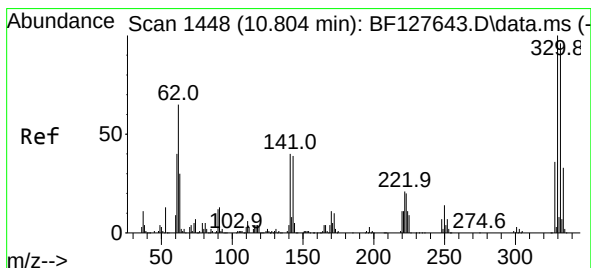
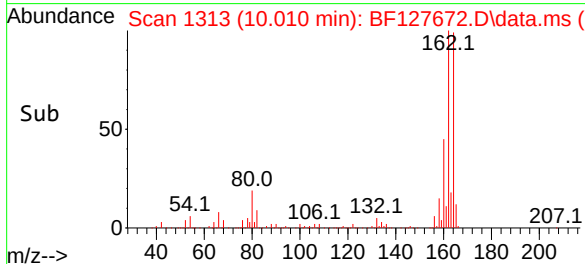
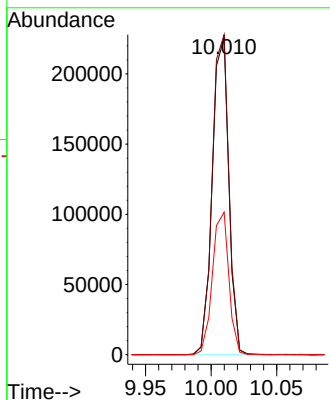
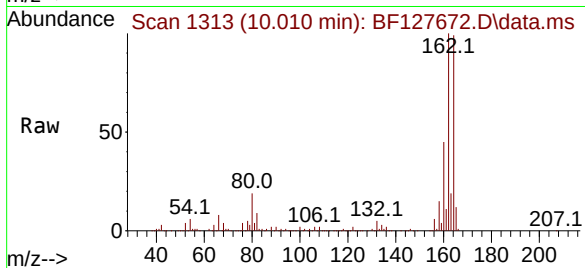
Tgt Ion:164 Resp: 197644

Ion Ratio Lower Upper

164 100

162 100.9 81.2 121.8

160 44.9 34.6 52.0



#42

2,4,6-Tribromophenol

Concen: 98.105 ng

RT: 10.798 min Scan# 1447

Delta R.T. -0.006 min

Lab File: BF127672.D

Acq: 07 Apr 2022 02:53

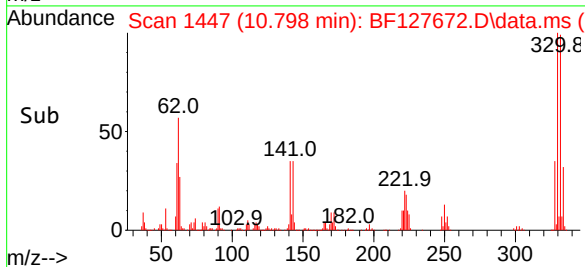
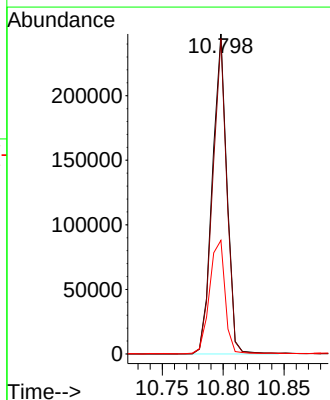
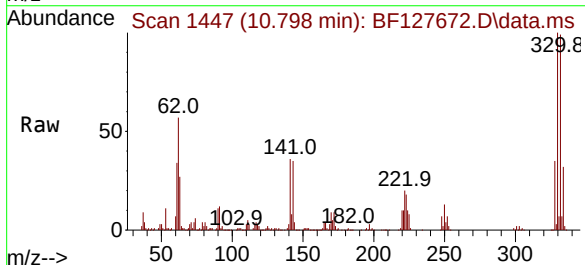
Tgt Ion:330 Resp: 206337

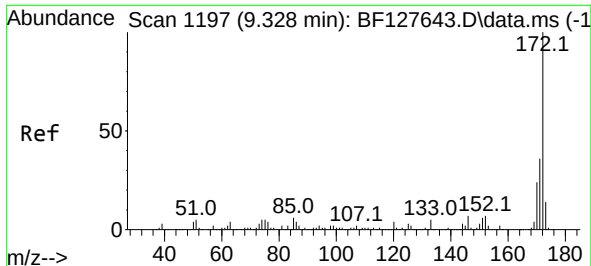
Ion Ratio Lower Upper

330 100

332 96.5 79.1 118.7

141 38.1 26.2 39.4





#45

2-Fluorobiphenyl

Concen: 62.170 ng

RT: 9.322 min Scan# 1197

Delta R.T. -0.006 min

Lab File: BF127672.D

Acq: 07 Apr 2022 02:53

Instrument :

BNA_F

ClientSampleId :

LINDEN-NORTH

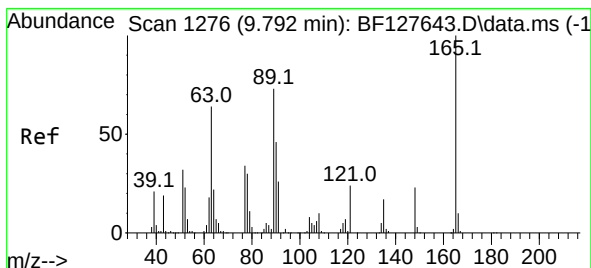
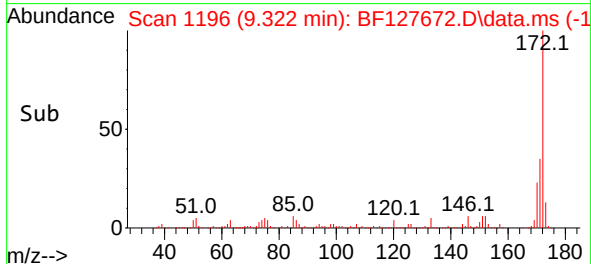
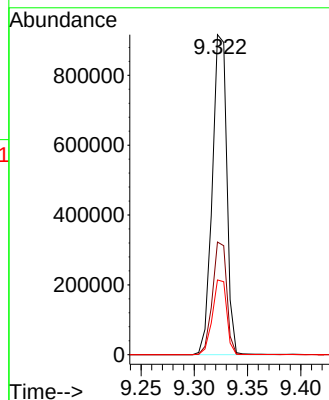
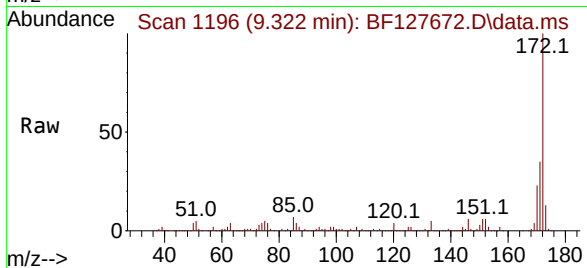
Tgt Ion:172 Resp: 868582

Ion Ratio Lower Upper

172 100

171 35.2 28.4 42.6

170 23.4 18.6 27.8



#51

2,6-Dinitrotoluene

Concen: 9.585 ng

RT: 10.010 min Scan# 1313

Delta R.T. 0.218 min

Lab File: BF127672.D

Acq: 07 Apr 2022 02:53

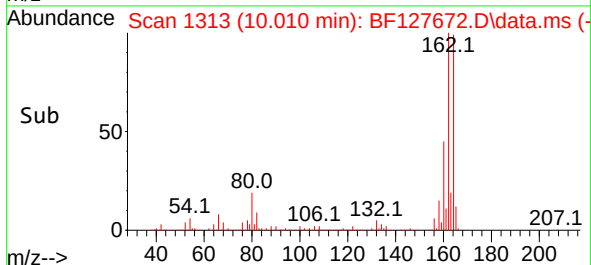
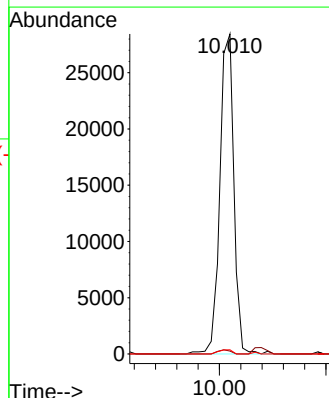
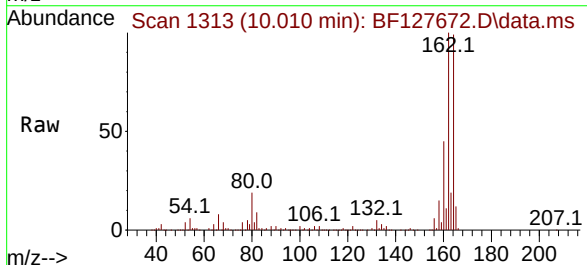
Tgt Ion:165 Resp: 25885

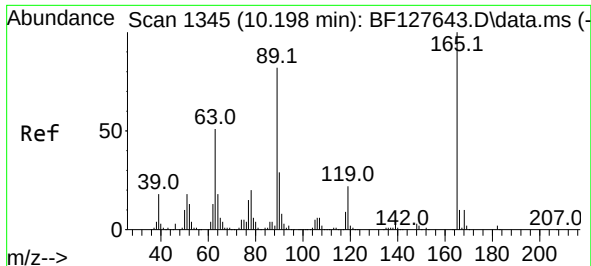
Ion Ratio Lower Upper

165 100

63 0.9 58.3 87.5#

89 1.3 51.5 77.3#

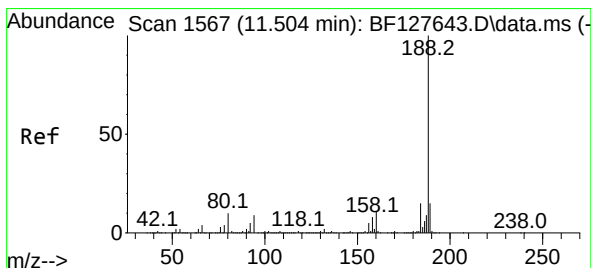
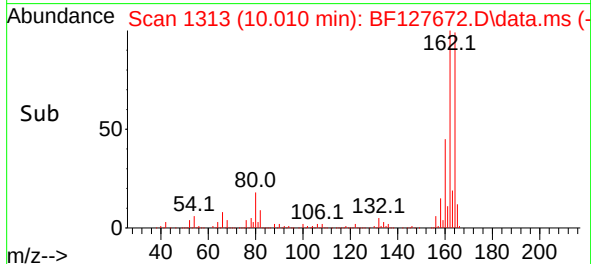
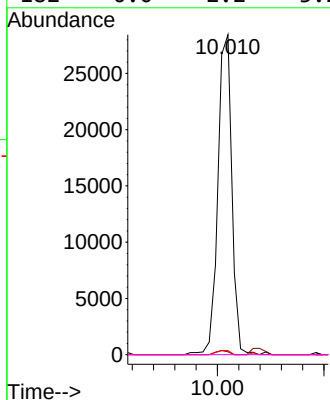
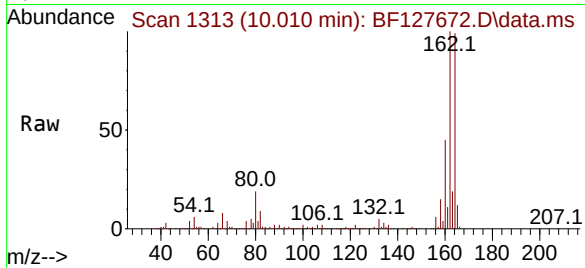




#57
2,4-Dinitrotoluene
Concen: 7.731 ng
RT: 10.010 min Scan# 11
Delta R.T. -0.188 min
Lab File: BF127672.D
Acq: 07 Apr 2022 02:53

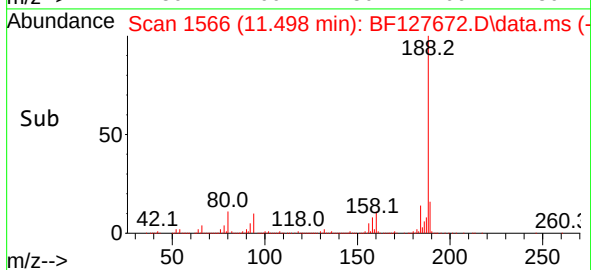
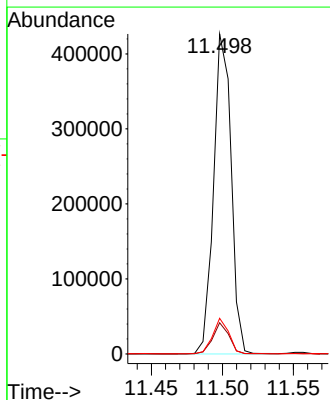
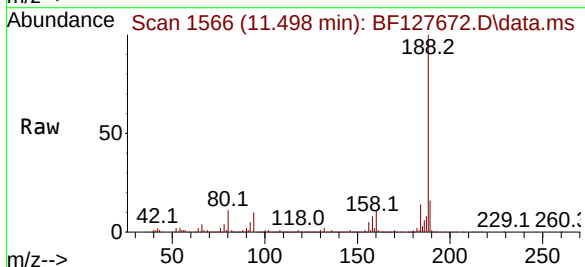
Instrument :
BNA_F
ClientSampleId :
LINDEN-NORTH

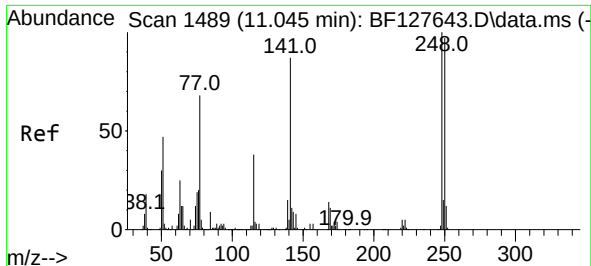
Tgt Ion:165 Resp: 25885
Ion Ratio Lower Upper
165 100
63 0.9 53.1 79.7#
89 1.3 69.2 103.8#
182 0.0 2.2 3.2#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.498 min Scan# 1566
Delta R.T. -0.006 min
Lab File: BF127672.D
Acq: 07 Apr 2022 02:53

Tgt Ion:188 Resp: 365718
Ion Ratio Lower Upper
188 100
94 9.8 7.4 11.0
80 11.1 8.0 12.0

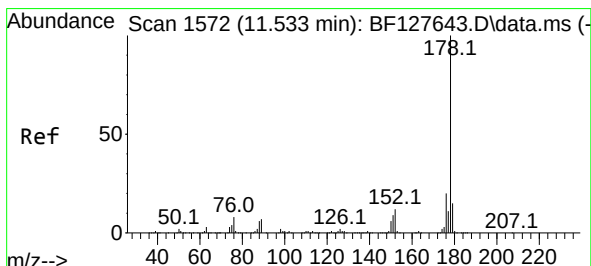
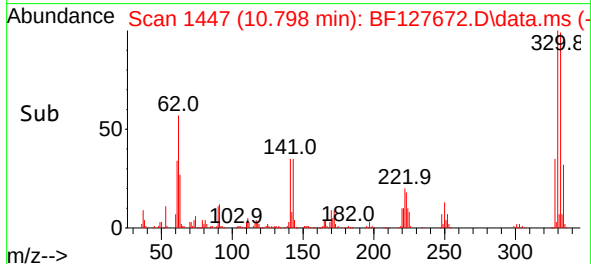
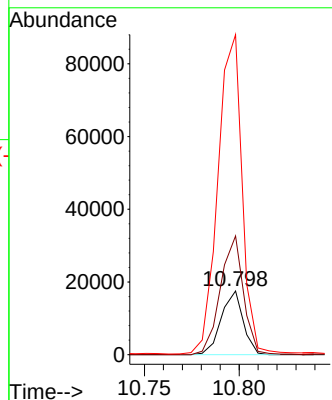
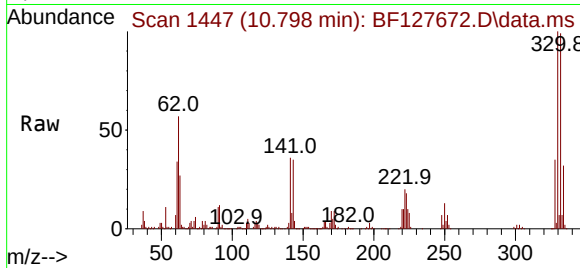




#67
4-Bromophenyl-phenylether
Concen: 3.184 ng
RT: 10.798 min Scan# 14
Delta R.T. -0.247 min
Lab File: BF127672.D
Acq: 07 Apr 2022 02:53

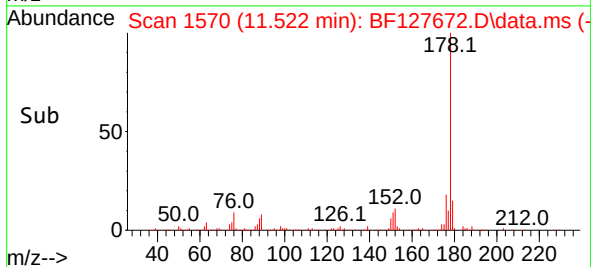
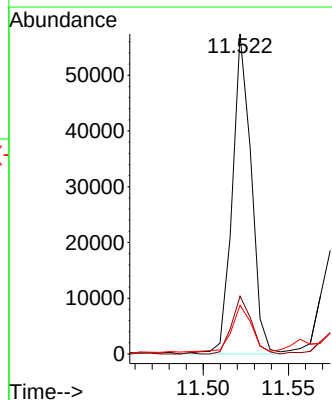
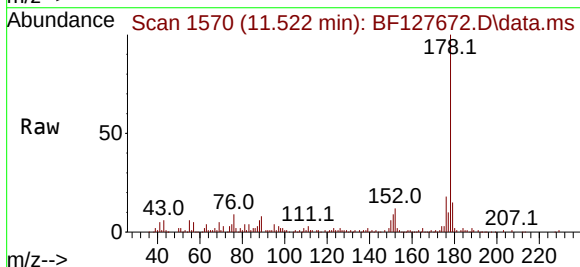
Instrument :
BNA_F
ClientSampleId :
LINDEN-NORTH

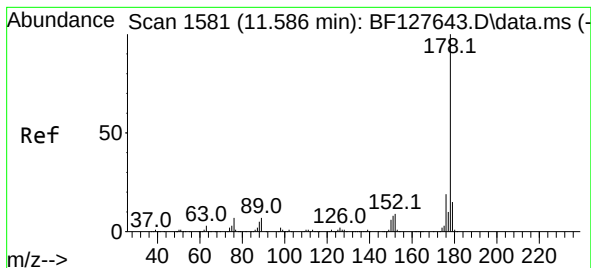
Tgt Ion:248 Resp: 14130
Ion Ratio Lower Upper
248 100
250 186.4 76.6 115.0#
141 502.6 52.2 78.2#



#71
Phenanthrene
Concen: 2.292 ng
RT: 11.522 min Scan# 1570
Delta R.T. -0.012 min
Lab File: BF127672.D
Acq: 07 Apr 2022 02:53

Tgt Ion:178 Resp: 44411
Ion Ratio Lower Upper
178 100
176 18.1 15.4 23.2
179 15.2 12.4 18.6





#72

Anthracene

Concen: 2.317 ng

RT: 11.522 min Scan# 1570

Delta R.T. -0.065 min

Lab File: BF127672.D

Acq: 07 Apr 2022 02:53

Instrument :

BNA_F

ClientSampleId :

LINDEN-NORTH

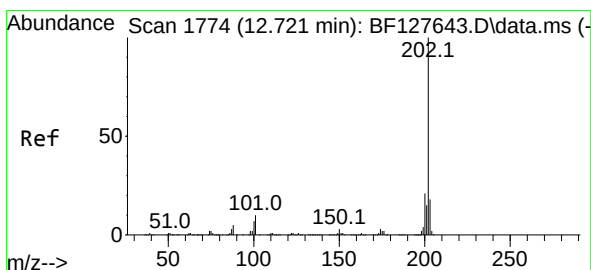
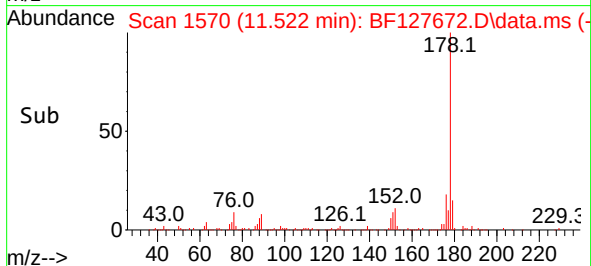
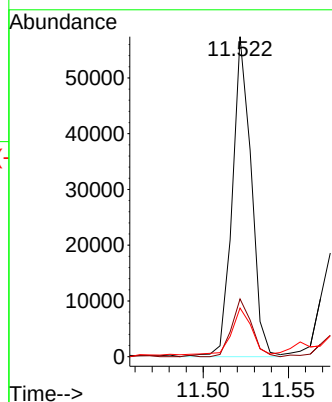
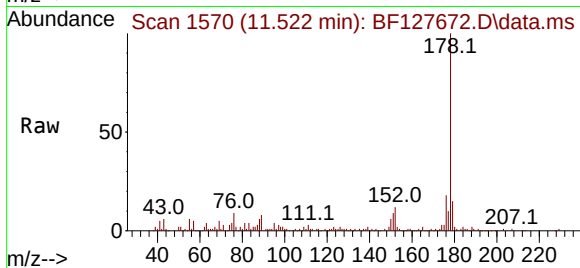
Tgt Ion:178 Resp: 44411

Ion Ratio Lower Upper

178 100

176 18.1 14.6 22.0

179 15.2 12.4 18.6



#75

Fluoranthene

Concen: 4.059 ng

RT: 12.727 min Scan# 1775

Delta R.T. 0.006 min

Lab File: BF127672.D

Acq: 07 Apr 2022 02:53

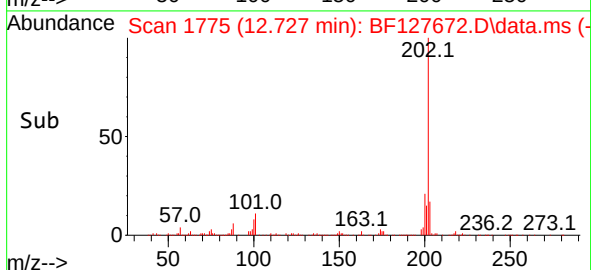
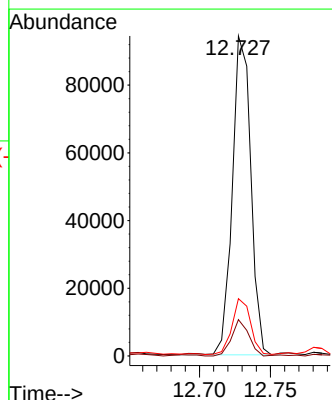
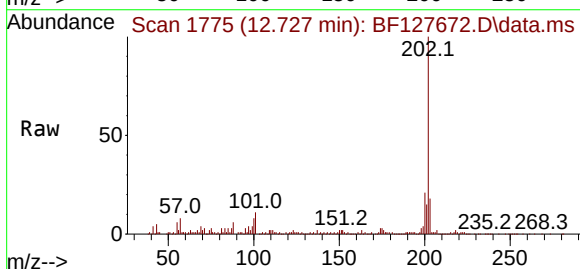
Tgt Ion:202 Resp: 85824

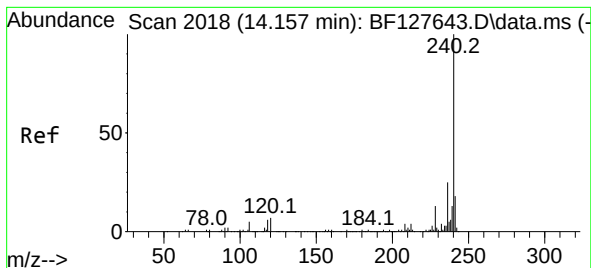
Ion Ratio Lower Upper

202 100

101 11.3 0.0 29.0

203 17.9 0.0 37.7

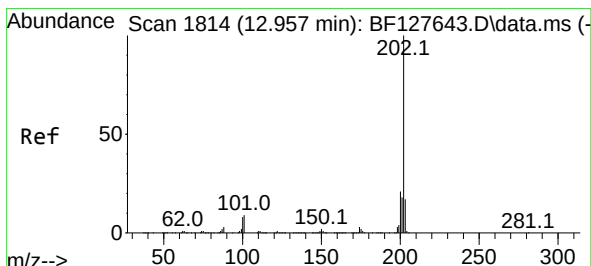
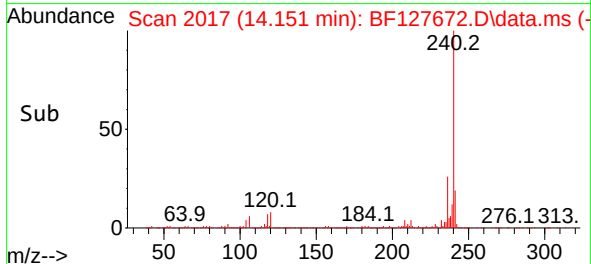
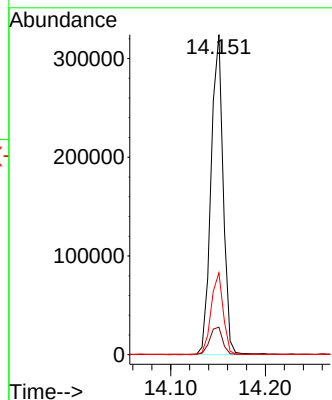
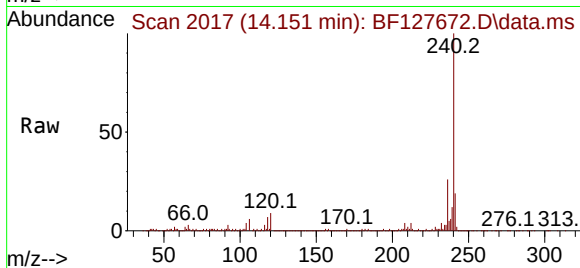




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.151 min Scan# 20
Delta R.T. -0.006 min
Lab File: BF127672.D
Acq: 07 Apr 2022 02:53

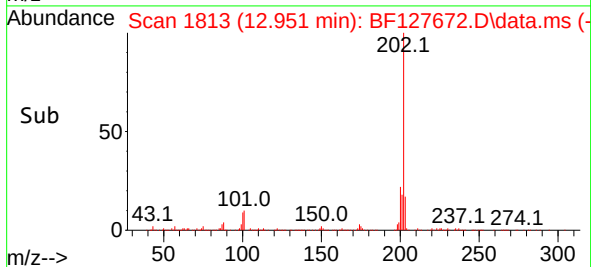
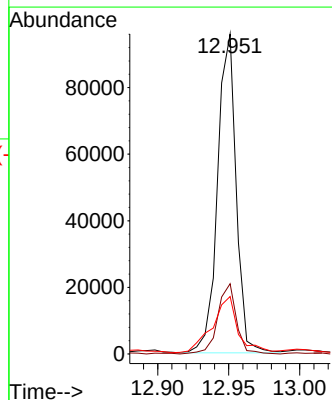
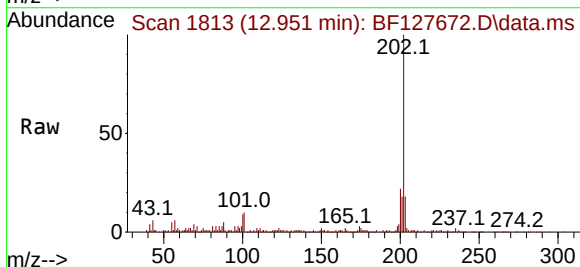
Instrument :
BNA_F
ClientSampleId :
LINDEN-NORTH

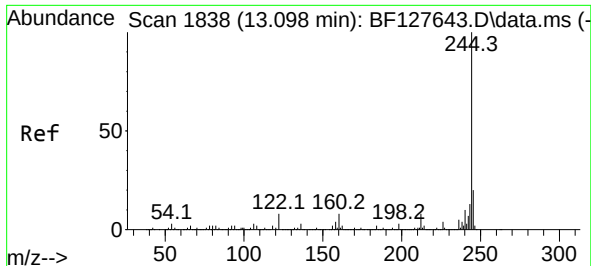
Tgt Ion:240 Resp: 287706
Ion Ratio Lower Upper
240 100
120 8.6 7.1 10.7
236 25.6 20.7 31.1



#78
Pyrene
Concen: 3.589 ng
RT: 12.951 min Scan# 1813
Delta R.T. -0.006 min
Lab File: BF127672.D
Acq: 07 Apr 2022 02:53

Tgt Ion:202 Resp: 87189
Ion Ratio Lower Upper
202 100
200 21.9 17.1 25.7
203 17.9 14.3 21.5

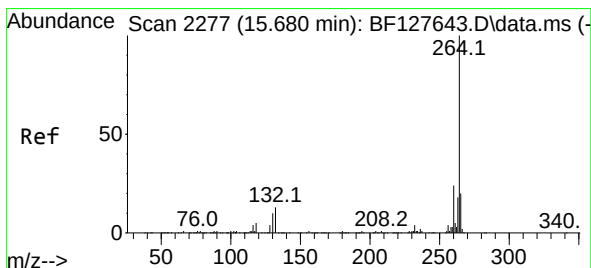
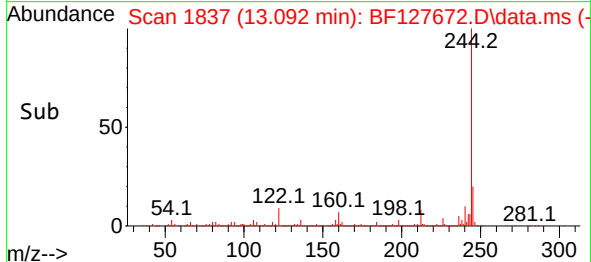
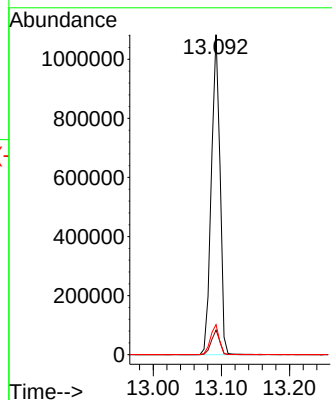
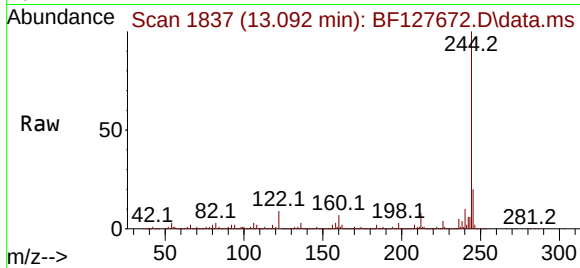




#79
 Terphenyl-d14
 Concen: 54.783 ng
 RT: 13.092 min Scan# 1837
 Delta R.T. -0.006 min
 Lab File: BF127672.D
 Acq: 07 Apr 2022 02:53

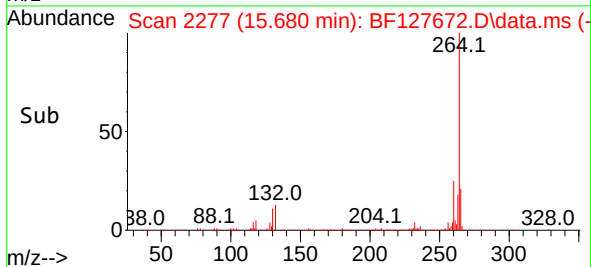
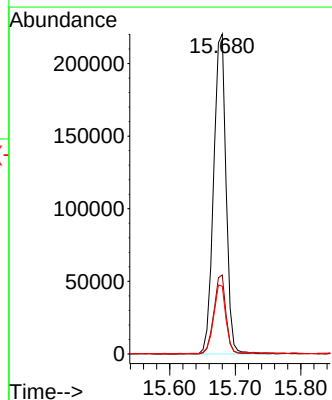
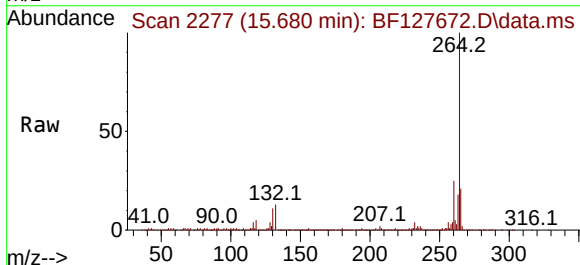
Instrument :
 BNA_F
 ClientSampleId :
 LINDEN-NORTH

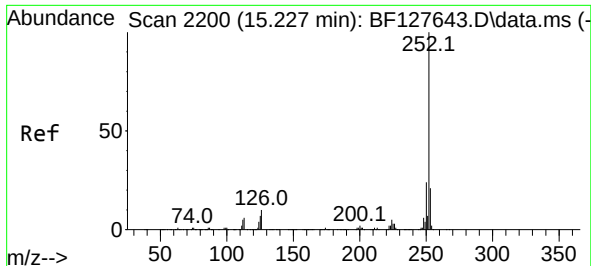
Tgt Ion:244 Resp: 954881
 Ion Ratio Lower Upper
 244 100
 212 7.7 5.7 8.5
 122 9.4 6.2 9.2#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.680 min Scan# 2277
 Delta R.T. 0.000 min
 Lab File: BF127672.D
 Acq: 07 Apr 2022 02:53

Tgt Ion:264 Resp: 290693
 Ion Ratio Lower Upper
 264 100
 260 24.7 19.1 28.7
 265 21.2 17.4 26.2

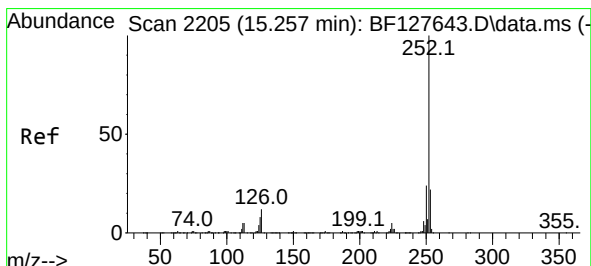
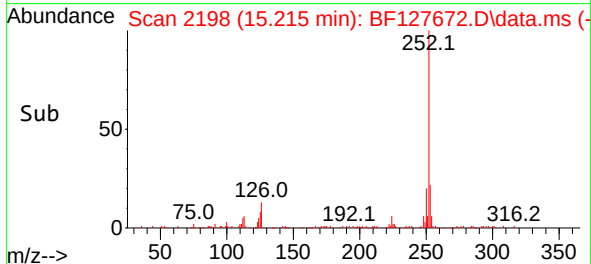
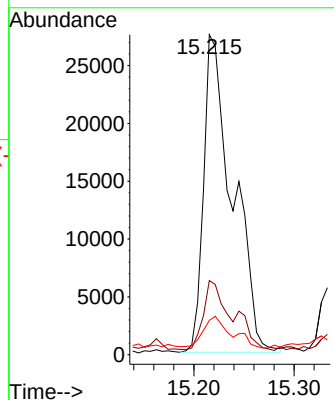
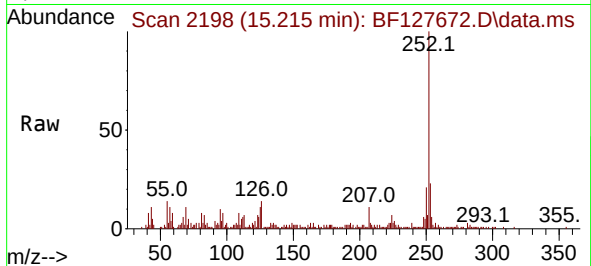




#88
Benzo(b)fluoranthene
Concen: 2.950 ng
RT: 15.215 min Scan# 2198
Delta R.T. -0.012 min
Lab File: BF127672.D
Acq: 07 Apr 2022 02:53

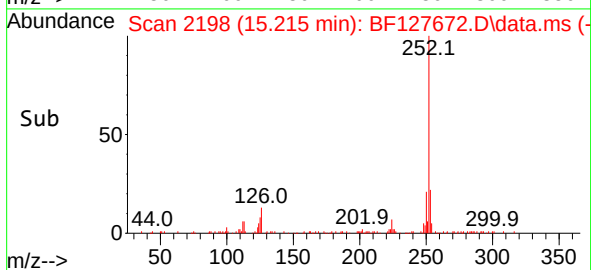
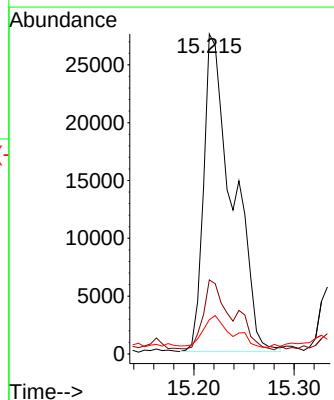
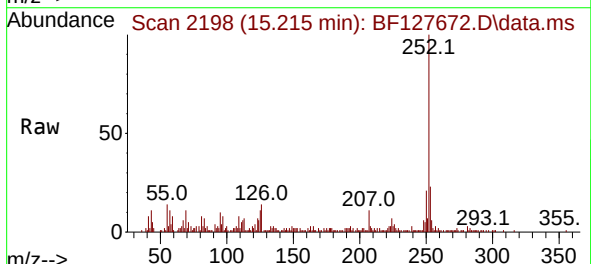
Instrument :
BNA_F
ClientSampleId :
LINDEN-NORTH

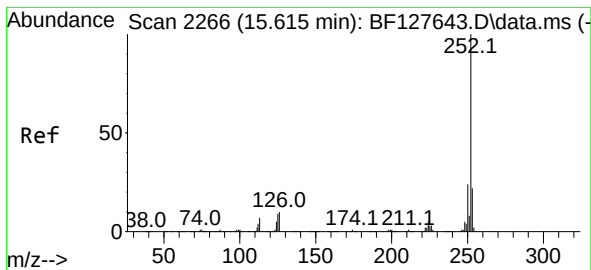
Tgt Ion:252 Resp: 55172
Ion Ratio Lower Upper
252 100
253 23.1 17.9 26.9
125 10.7 7.0 10.4#



#89
Benzo(k)fluoranthene
Concen: 2.975 ng
RT: 15.215 min Scan# 2198
Delta R.T. -0.041 min
Lab File: BF127672.D
Acq: 07 Apr 2022 02:53

Tgt Ion:252 Resp: 55172
Ion Ratio Lower Upper
252 100
253 23.1 17.3 25.9
125 10.7 6.9 10.3#





#90

Benzo(a)pyrene

Concen: 2.016 ng

RT: 15.610 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF127672.D

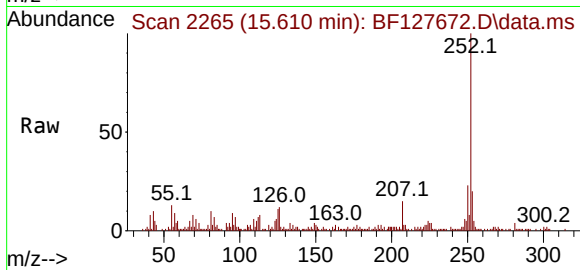
Acq: 07 Apr 2022 02:53

Instrument :

BNA_F

ClientSampleId :

LINDEN-NORTH



Tgt Ion:252 Resp: 30635

Ion Ratio Lower Upper

252 100

253 19.7 17.0 25.6

125 10.9 6.7 10.1#

