

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030922\
 Data File : BF127282.D
 Acq On : 09 Mar 2022 18:13
 Operator : CG\JU
 Sample : PB143199BL
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB143199BL

Quant Time: Mar 10 01:09:54 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF030922.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 09 17:59:49 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	73438	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	265351	20.000	ng	# 0.00
39) Acenaphthene-d10	9.910	164	166154	20.000	ng	0.00
64) Phenanthrene-d10	11.398	188	319921	20.000	ng	# 0.00
76) Chrysene-d12	14.045	240	255816	20.000	ng	# 0.00
86) Perylene-d12	15.533	264	208507	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	614934	135.746	ng	0.01
7) Phenol-d6	6.504	99	758785	120.907	ng	0.00
23) Nitrobenzene-d5	7.433	82	556530	88.524	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	227577	125.327	ng	0.00
45) 2-Fluorobiphenyl	9.227	172	946341	77.958	ng	0.00
79) Terphenyl-d14	12.992	244	1263027	81.801	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.504	77	1649	Below Cal	#	3
10) Phenol	6.510	94	215	0.031	ng	# 1
15) Benzyl Alcohol	6.869	79	2268	0.464	ng	# 28
19) n-Nitroso-di-n-propyla...	7.433	70	77217	19.928	ng	# 88
24) Nitrobenzene	7.433	77	1680	0.280	ng	# 39
25) Isophorone	7.433	82	556524	53.366	ng	# 69
28) bis(2-Chloroethoxy)met...	8.145	93	56	0.008	ng	# 1
38) 1-Methylnaphthalene	9.227	142	436	0.048	ng	# 62
46) 1,1'-Biphenyl	9.227	154	1630	0.126	ng	# 1
48) 2-Nitroaniline	9.227	65	1788	0.468	ng	# 1
51) 2,6-Dinitrotoluene	9.910	165	21434	8.590	ng	# 21
52) Acenaphthene	9.904	154	621	0.070	ng	# 6
57) 2,4-Dinitrotoluene	9.910	165	21434	6.776	ng	# 15
58) Fluorene	10.704	166	7872	0.726	ng	# 77
60) Diethylphthalate	10.322	149	102	0.009	ng	# 60
63) Azobenzene	10.704	77	1272	0.100	ng	# 1
65) 4,6-Dinitro-2-methylph...	10.704	198	423	0.207	ng	# 1
66) n-Nitrosodiphenylamine	10.704	169	6828	0.680	ng	# 45
67) 4-Bromophenyl-phenylether	10.704	248	15497	3.959	ng	# 1
71) Phenanthrene	11.398	178	89	0.005	ng	# 60
72) Anthracene	11.398	178	89	0.005	ng	# 60
73) Carbazole	11.621	167	83	0.005	ng	# 59
74) Di-n-butylphthalate	11.951	149	432	0.024	ng	# 79
75) Fluoranthene	12.621	202	858	0.046	ng	62
77) Benzidine	12.992	184	16069	2.736	ng	# 92
78) Pyrene	12.845	202	1013	0.049	ng	# 58
80) Butylbenzylphthalate	13.462	149	236	0.030	ng	# 14
81) Benzo(a)anthracene	14.068	228	965	0.056	ng	91
83) Chrysene	14.068	228	965	0.059	ng	# 88
84) Bis(2-ethylhexyl)phtha...	14.015	149	712	0.068	ng	# 52
85) Di-n-octyl phthalate	14.621	149	1016	0.062	ng	# 1
87) Indeno(1,2,3-cd)pyrene	17.050	276	897	0.070	ng	# 59
88) Benzo(b)fluoranthene	15.098	252	1503	0.108	ng	# 92
89) Benzo(k)fluoranthene	15.133	252	1029	0.077	ng	# 92
90) Benzo(a)pyrene	15.474	252	1459	0.135	ng	# 75

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 09 17:59:49 2022
Response via : Initial Calibration

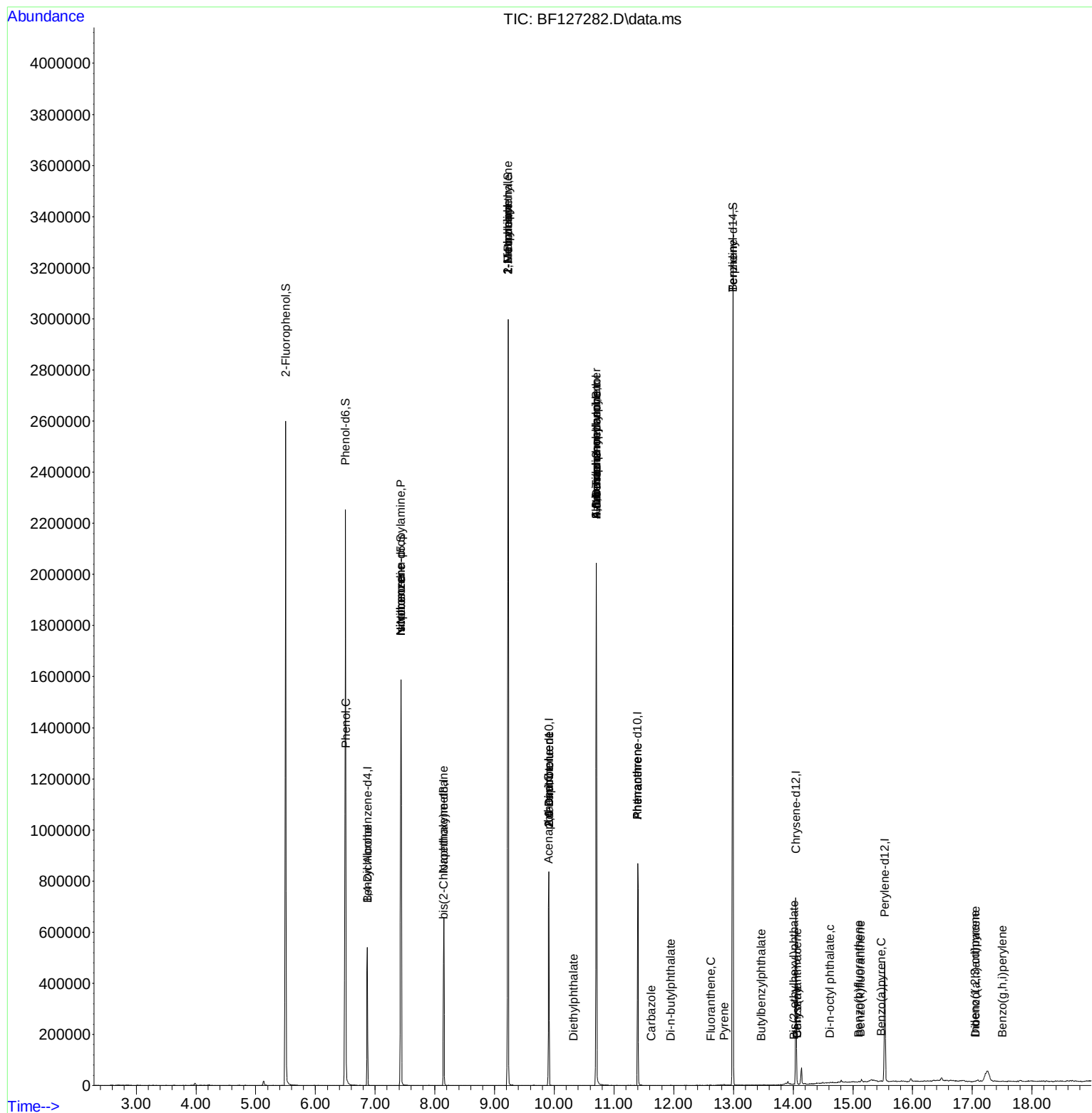
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
91) Dibenzo(a,h)anthracene	17.056	278	528	0.050	ng	# 53
92) Benzo(g,h,i)perylene	17.503	276	558	0.053	ng	# 46

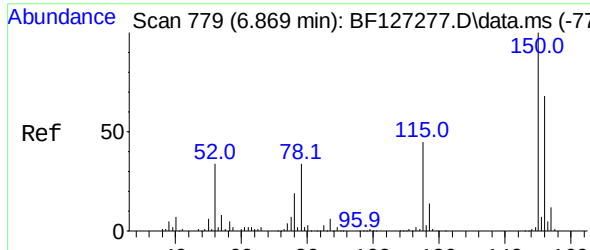
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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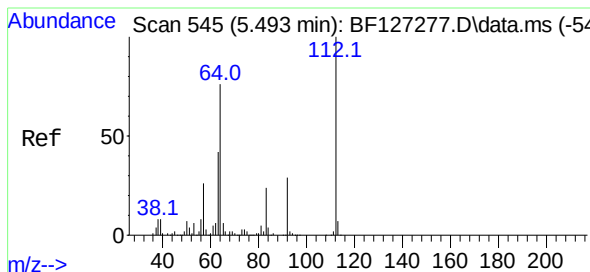
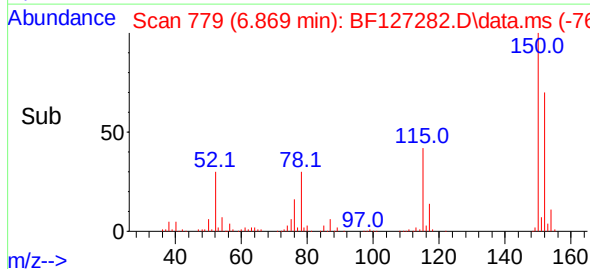
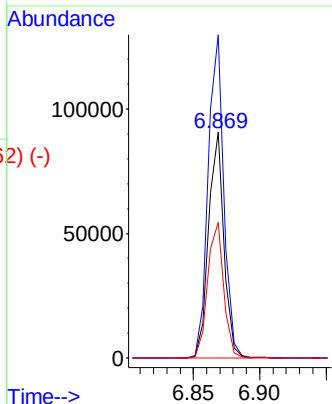
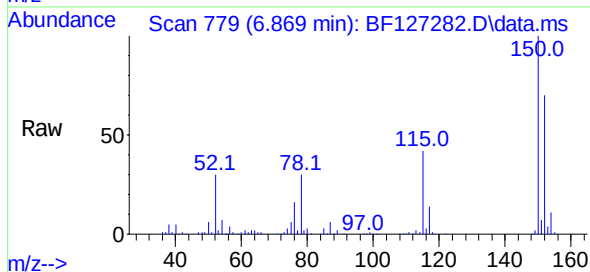




1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.869 min Scan#
Delta R.T. -0.000 min
Lab File: BF127282.D
Acq: 09 Mar 2022 18:13

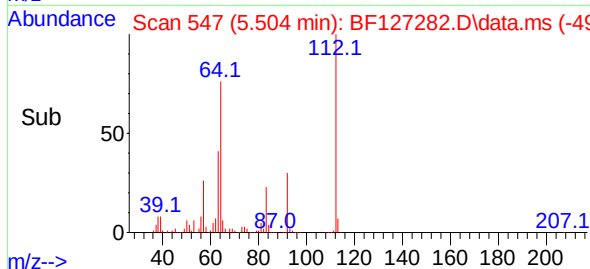
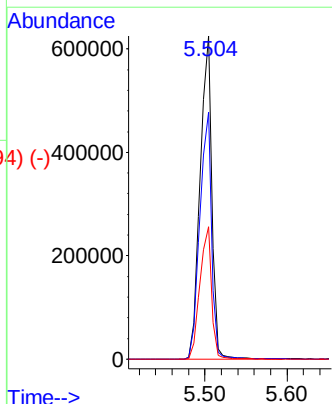
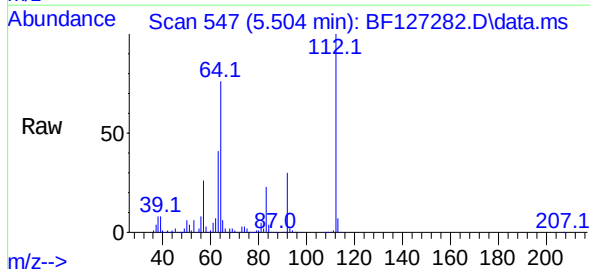
Instrument :
BNA_F
ClientSampleId :
PB143199BL

Tgt Ion:152 Resp: 73438
Ion Ratio Lower Upper
152 100
150 143.2 128.1 192.1
115 60.1 56.7 85.1

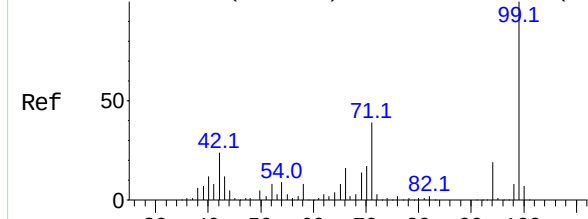


2-Fluorophenol
Concen: 135.746 ng
RT: 5.504 min Scan# 547
Delta R.T. 0.011 min
Lab File: BF127282.D
Acq: 09 Mar 2022 18:13

Tgt Ion:112 Resp: 614934
Ion Ratio Lower Upper
112 100
64 76.4 49.5 74.3#
63 41.0 23.9 35.9#



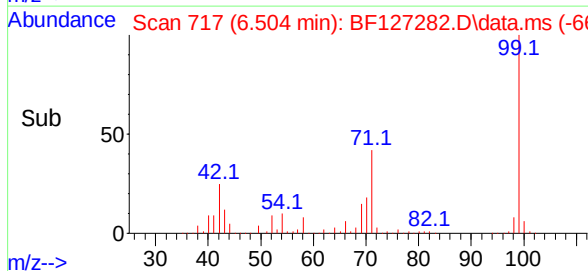
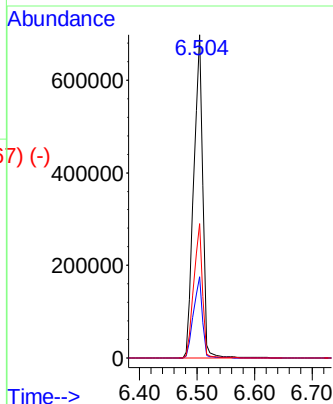
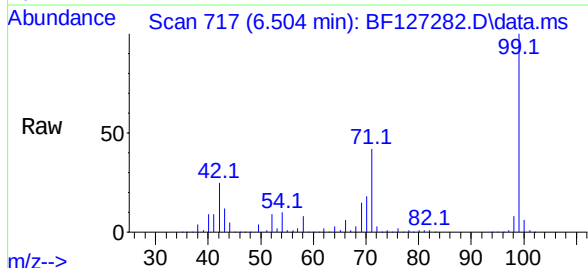
Abundance Scan 718 (6.510 min): BF127277.D\data.ms (-711)#7



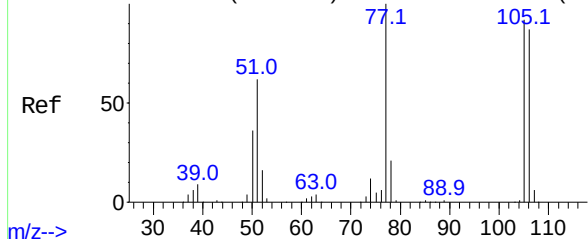
Phenol-d6
Concen: 120.907 ng
RT: 6.504 min Scan#
Delta R.T. -0.006 min
Lab File: BF127282.D
Acq: 09 Mar 2022 18:13

Instrument :
BNA_F
ClientSampleId :
PB143199BL

Tgt Ion: 99 Resp: 758785
Ion Ratio Lower Upper
99 100
42 25.0 14.2 21.4#
71 41.6 24.3 36.5#

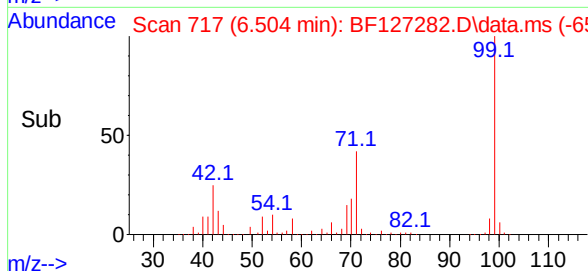
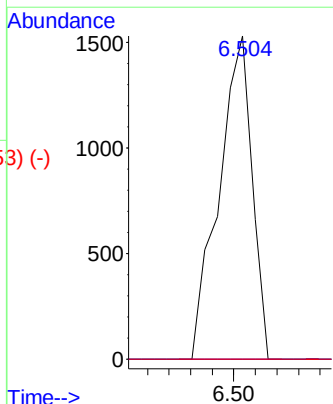
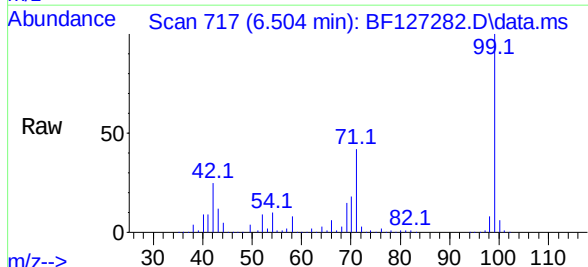


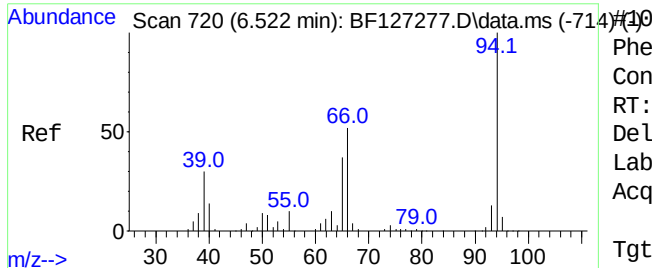
Abundance Scan 704 (6.428 min): BF127277.D\data.ms (-699)#9



Benzaldehyde
Concen: Below Cal
RT: 6.504 min Scan# 717
Delta R.T. 0.076 min
Lab File: BF127282.D
Acq: 09 Mar 2022 18:13

Tgt Ion: 77 Resp: 1649
Ion Ratio Lower Upper
77 100
105 0.0 74.9 114.9#
106 0.0 72.4 112.4#





#10

Phenol

Concen: 0.031 ng

RT: 6.510 min Scan#

Delta R.T. -0.012 min

Lab File: BF127282.D

Acq: 09 Mar 2022 18:13

Instrument :

BNA_F

ClientSampleId :

PB143199BL

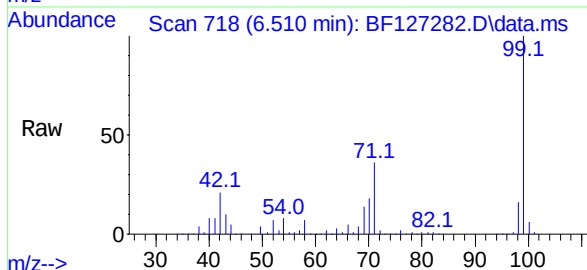
Tgt Ion: 94 Resp: 215

Ion Ratio Lower Upper

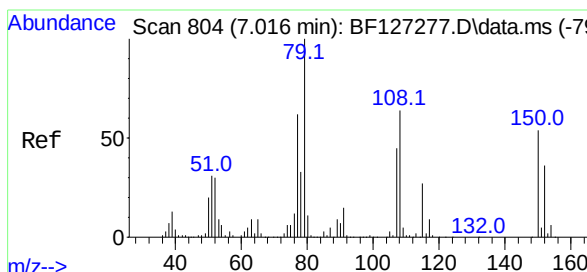
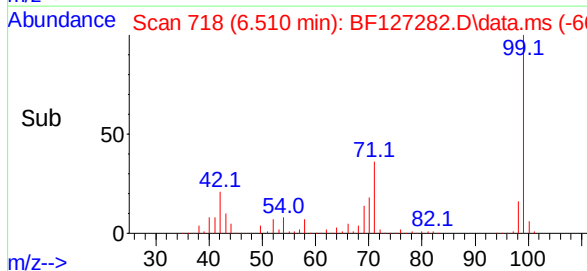
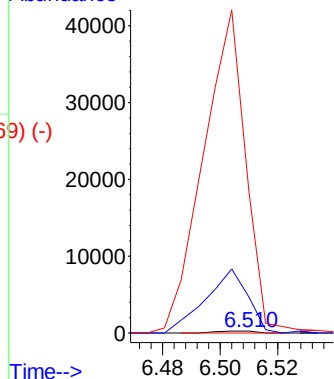
94 100

65 2159.3 7.2 47.2#

66 8481.5 14.5 54.5#



Abundance



#15

Benzyl Alcohol

Concen: 0.464 ng

RT: 6.869 min Scan# 779

Delta R.T. -0.147 min

Lab File: BF127282.D

Acq: 09 Mar 2022 18:13

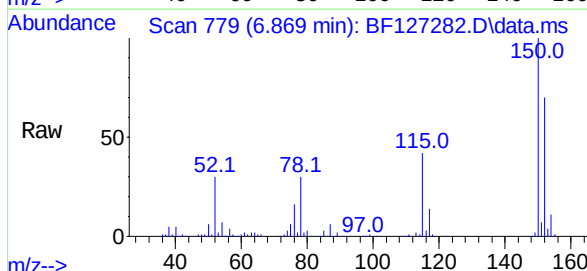
Tgt Ion: 79 Resp: 2268

Ion Ratio Lower Upper

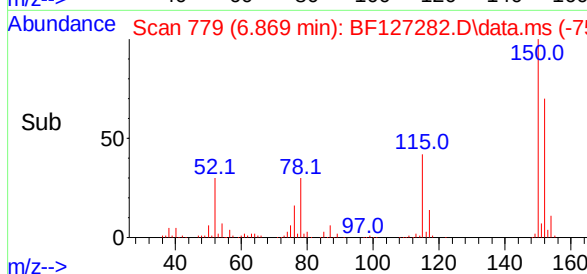
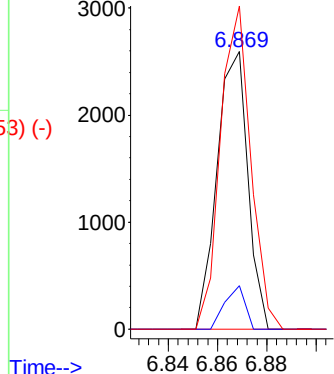
79 100

108 15.7 63.2 94.8#

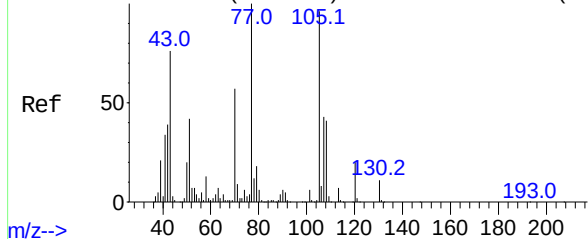
77 116.4 49.4 74.2#



Abundance



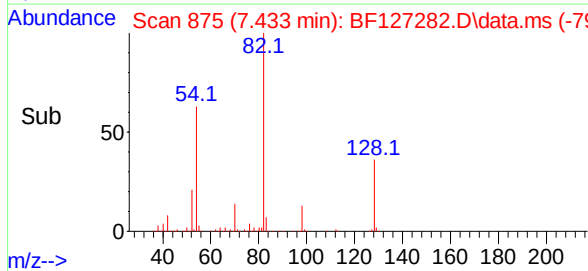
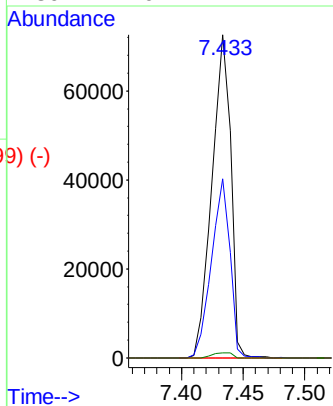
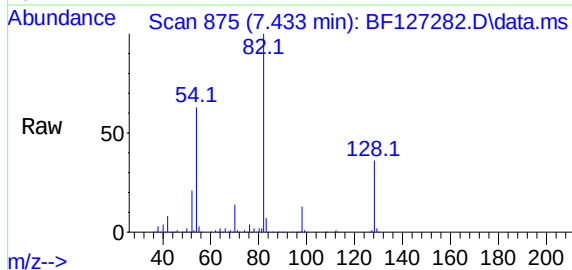
Abundance Scan 850 (7.287 min): BF127277.D\data.ms (-843) #19



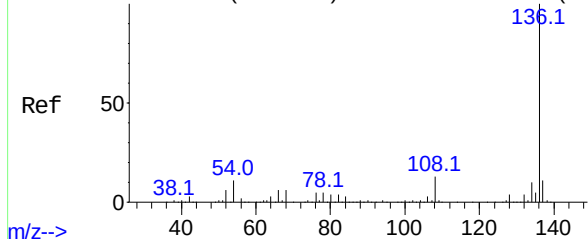
n-Nitroso-di-n-propylamine
Concen: 19.928 ng
RT: 7.433 min Scan# 819
Delta R.T. 0.147 min
Lab File: BF127282.D
Acq: 09 Mar 2022 18:13

Instrument :
BNA_F
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Tgt Ion:	70	Resp:	77217
Ion	Ratio	Lower	Upper
70	100		
42	55.4	45.8	68.8
101	0.0	6.9	10.3#
130	1.6	14.4	21.6#

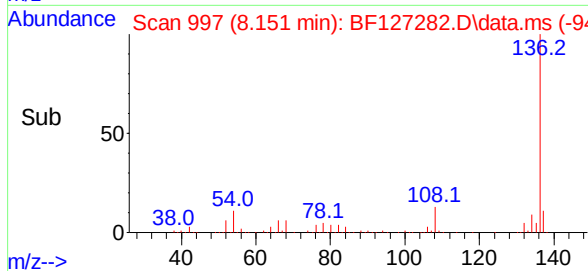
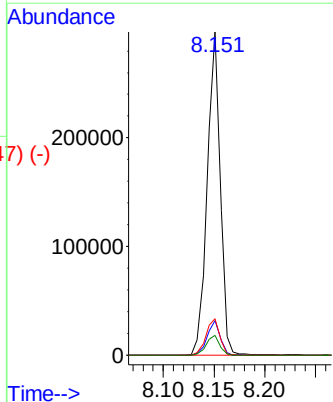
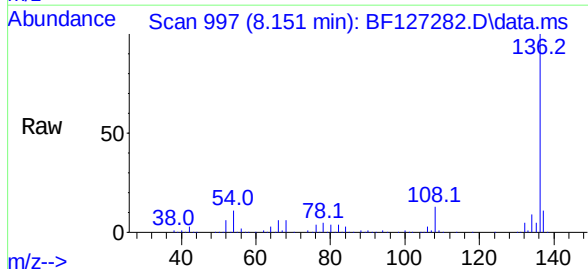


Abundance Scan 998 (8.157 min): BF127277.D\data.ms (-992) #21



Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 997
Delta R.T. -0.006 min
Lab File: BF127282.D
Acq: 09 Mar 2022 18:13

Tgt Ion:	136	Resp:	265351
Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.6	13.0
54	11.4	7.8	11.6
68	6.2	6.3	9.5#



Abundance Scan 876 (7.440 min): BF127277.D\data.ms (-870) #23

Nitrobenzene-d5

Concen: 88.524 ng

RT: 7.433 min Scan# 875

Delta R.T. -0.006 min

Lab File: BF127282.D

Acq: 09 Mar 2022 18:13

Instrument :

BNA_F

ClientSampleId :

PB143199BL

Tgt Ion: 82 Resp: 556530

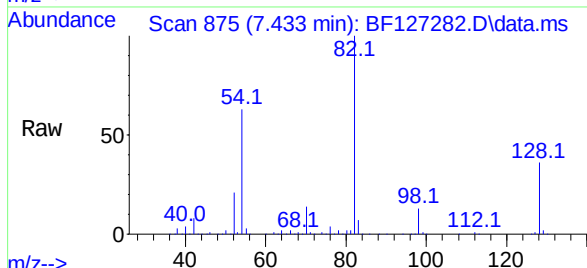
Ion Ratio Lower Upper

82 100

128 35.7 32.7 49.1

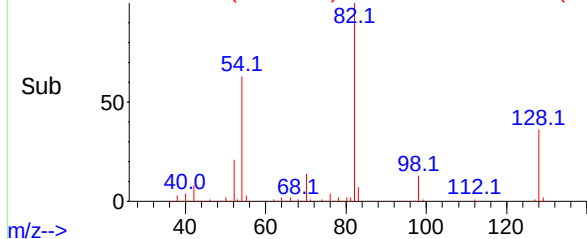
54 63.5 41.7 62.5#

Abundance Scan 875 (7.433 min): BF127282.D\data.ms

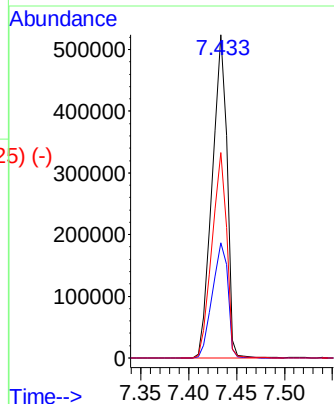


m/z-->

Abundance Scan 875 (7.433 min): BF127282.D\data.ms (-825) (-)



m/z-->



Abundance Scan 879 (7.457 min): BF127277.D\data.ms (-870) #24

Nitrobenzene

Concen: 0.280 ng

RT: 7.433 min Scan# 875

Delta R.T. -0.024 min

Lab File: BF127282.D

Acq: 09 Mar 2022 18:13

Tgt Ion: 77 Resp: 1680

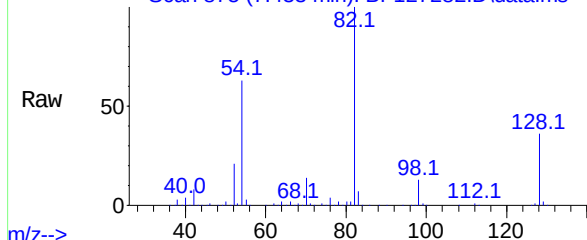
Ion Ratio Lower Upper

77 100

123 0.0 34.6 52.0#

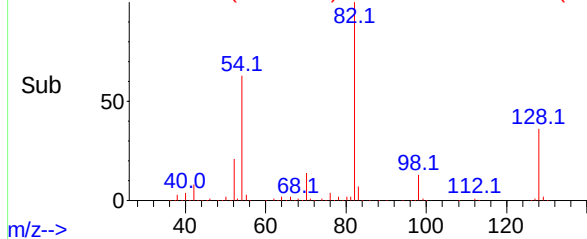
65 28.4 10.6 15.8#

Abundance Scan 875 (7.433 min): BF127282.D\data.ms

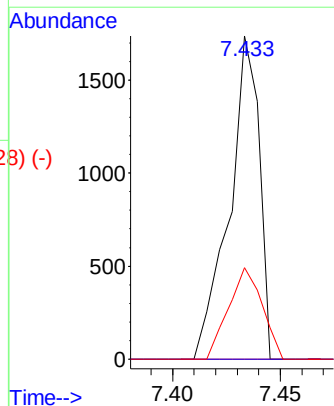


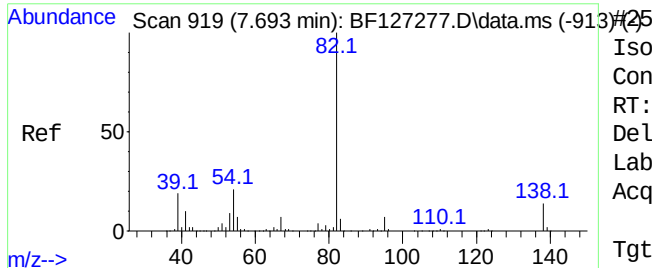
m/z-->

Abundance Scan 875 (7.433 min): BF127282.D\data.ms (-823) (-)



m/z-->





Isophorone

Concen: 53.366 ng

RT: 7.433 min Scan# 81

Delta R.T. -0.259 min

Lab File: BF127282.D

Acq: 09 Mar 2022 18:13

Instrument :

BNA_F

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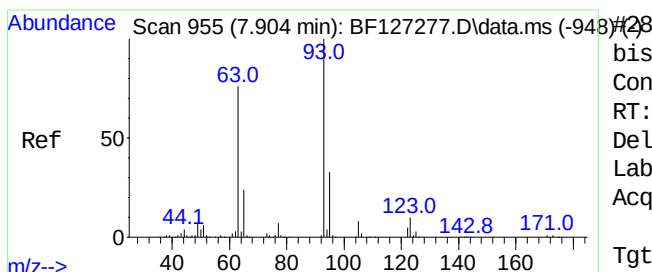
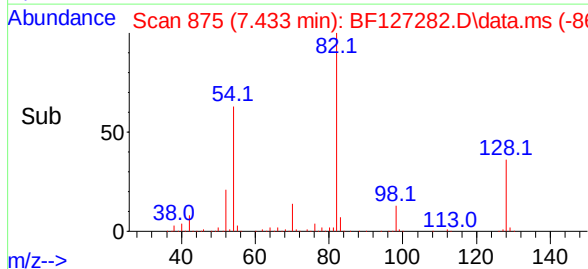
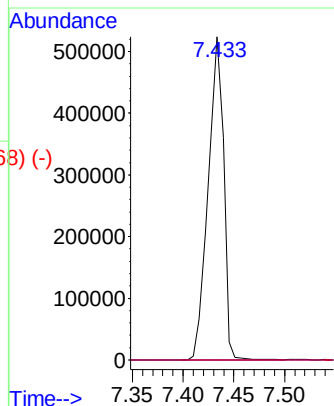
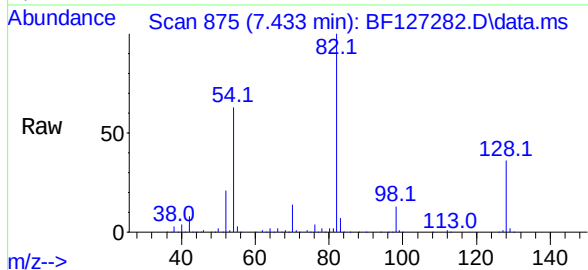
Tgt Ion: 82 Resp: 556524

Ion Ratio Lower Upper

82 100

95 0.0 5.0 7.4#

138 0.0 12.3 18.5#



bis(2-Chloroethoxy)methane

Concen: 0.008 ng

RT: 8.145 min Scan# 996

Delta R.T. 0.241 min

Lab File: BF127282.D

Acq: 09 Mar 2022 18:13

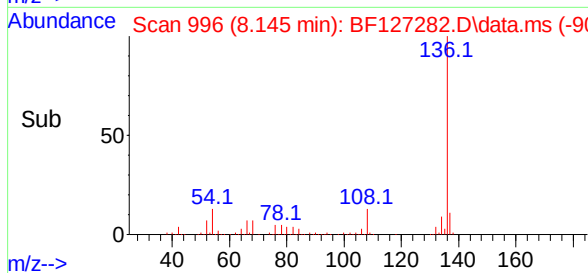
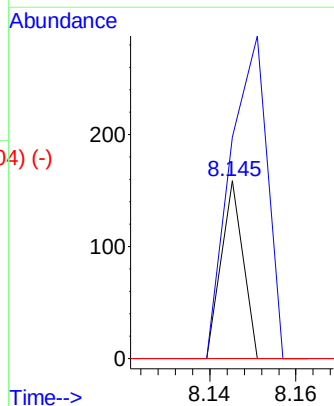
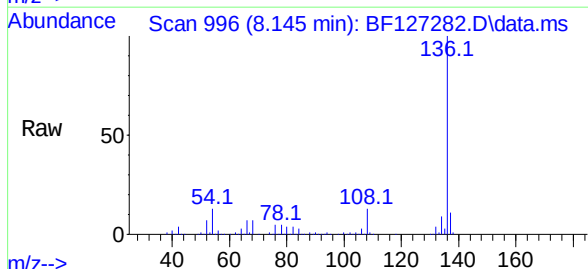
Tgt Ion: 93 Resp: 56

Ion Ratio Lower Upper

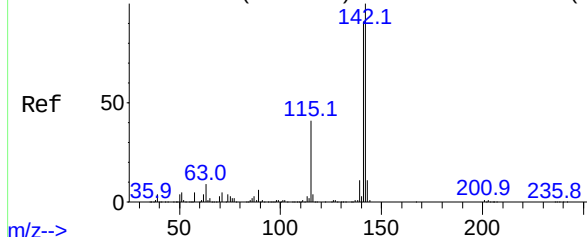
93 100

95 124.5 25.4 38.2#

123 0.0 8.9 13.3#



Abundance Scan 1136 (8.969 min): BF127277.D\data.ms (-1128)



1-Methylnaphthalene

Concen: 0.048 ng

RT: 9.227 min Scan# 1136

Delta R.T. 0.259 min

Lab File: BF127282.D

Acq: 09 Mar 2022 18:13

Instrument :

BNA_F

ClientSampleId :

PB143199BL

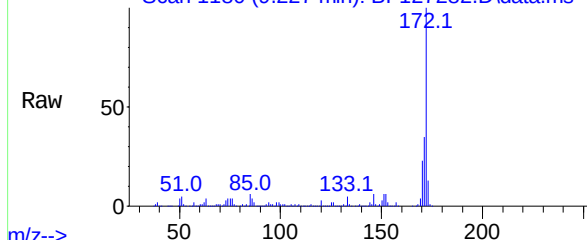
Tgt Ion:142 Resp: 436

Ion Ratio Lower Upper

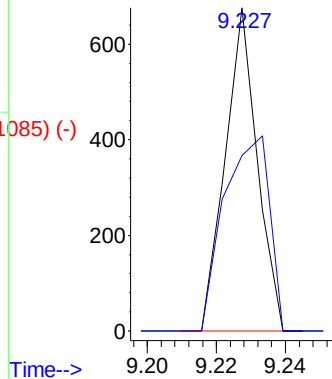
142 100

141 54.3 72.1 108.1#

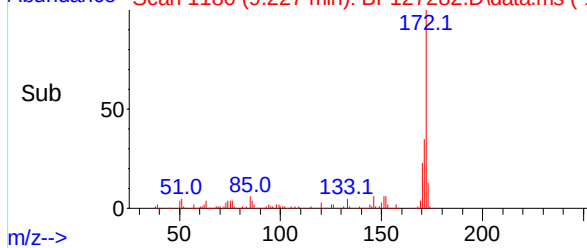
Abundance Scan 1180 (9.227 min): BF127282.D\data.ms



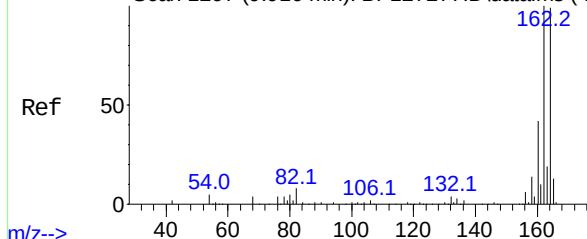
Abundance



Abundance Scan 1180 (9.227 min): BF127282.D\data.ms (-1085) (-)



Abundance Scan 1297 (9.916 min): BF127277.D\data.ms (-1299)



Acenaphthene-d10

Concen: 20.000 ng

RT: 9.910 min Scan# 1296

Delta R.T. -0.006 min

Lab File: BF127282.D

Acq: 09 Mar 2022 18:13

Tgt Ion:164 Resp: 166154

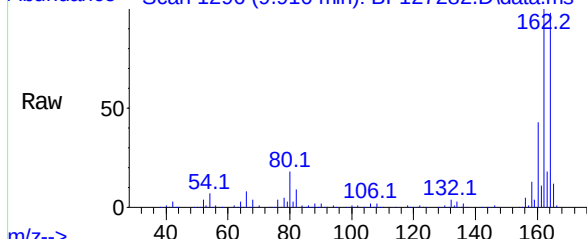
Ion Ratio Lower Upper

164 100

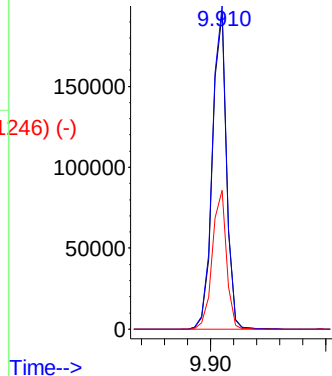
162 102.2 81.4 122.0

160 43.9 36.6 54.8

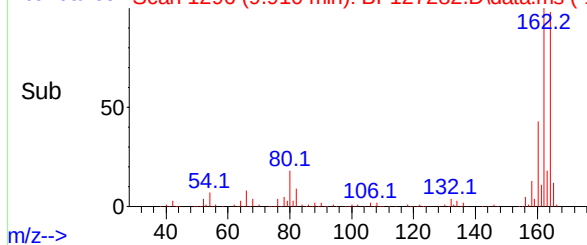
Abundance Scan 1296 (9.910 min): BF127282.D\data.ms



Abundance



Abundance Scan 1296 (9.910 min): BF127282.D\data.ms (-1246) (-)



Abundance Scan 1432 (10.710 min): BF127277.D\data.ms (-1426)

2,4,6-Tribromophenol

Concen: 125.327 ng

RT: 10.704 min Scan# 1432

Delta R.T. -0.006 min

Lab File: BF127282.D

Acq: 09 Mar 2022 18:13

Instrument :

BNA_F

ClientSampleId :

PB143199BL

Tgt Ion:330 Resp: 227577

Ion Ratio Lower Upper

330 100

332 97.2 76.0 114.0

141 34.1 30.1 45.1

Abundance Scan 1431 (10.704 min): BF127282.D\data.ms

Ref

Raw

Sub

m/z-->

Abundance Scan 1431 (10.704 min): BF127282.D\data.ms (-1381)

Ref

Raw

Sub

m/z-->

Abundance

10.704

200000

150000

100000

50000

0

Time-->

Abundance Scan 1181 (9.234 min): BF127277.D\data.ms (-1174)

2-Fluorobiphenyl

Concen: 77.958 ng

RT: 9.227 min Scan# 1180

Delta R.T. -0.006 min

Lab File: BF127282.D

Acq: 09 Mar 2022 18:13

Tgt Ion:172 Resp: 946341

Ion Ratio Lower Upper

172 100

171 35.1 28.3 42.5

170 23.4 19.0 28.6

Abundance Scan 1180 (9.227 min): BF127282.D\data.ms

Ref

Raw

Sub

m/z-->

Abundance Scan 1180 (9.227 min): BF127282.D\data.ms (-1130)

Ref

Raw

Sub

m/z-->

Abundance

9.227

1000000

800000

600000

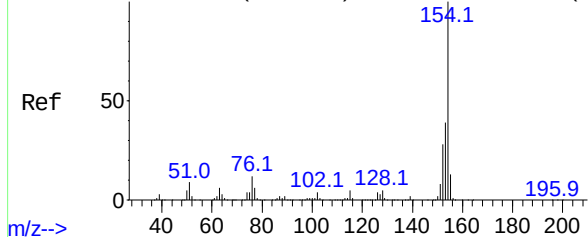
400000

200000

0

Time-->

Abundance Scan 1198 (9.334 min): BF127277.D\data.ms (-1194)



1,1'-Biphenyl

Concen: 0.126 ng

RT: 9.227 min Scan# 1180

Delta R.T. -0.106 min

Lab File: BF127282.D

Acq: 09 Mar 2022 18:13

Instrument :

BNA_F

ClientSampleId :

PB143199BL

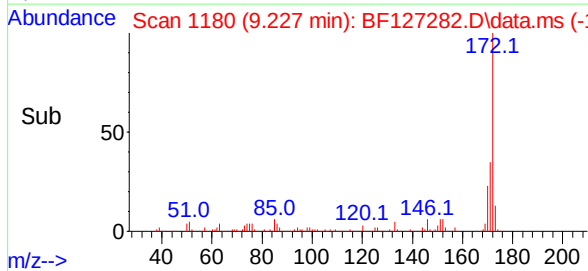
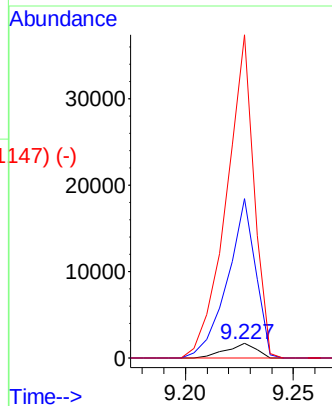
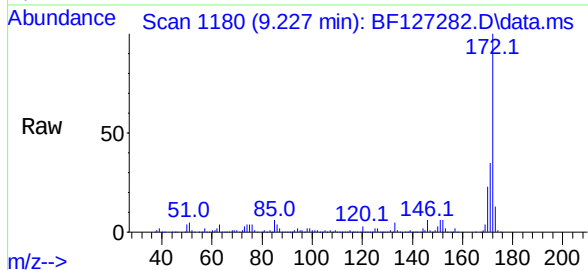
Tgt Ion:154 Resp: 1630

Ion Ratio Lower Upper

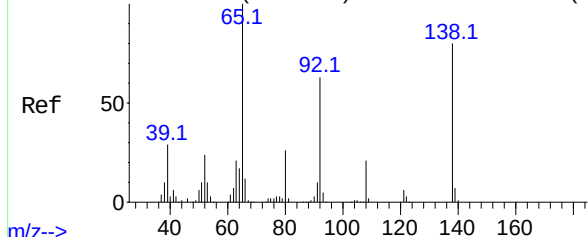
154 100

153 1093.2 19.0 59.0#

76 2219.7 0.0 34.5#



Abundance Scan 1220 (9.463 min): BF127277.D\data.ms (-1214)



2-Nitroaniline

Concen: 0.468 ng

RT: 9.227 min Scan# 1180

Delta R.T. -0.236 min

Lab File: BF127282.D

Acq: 09 Mar 2022 18:13

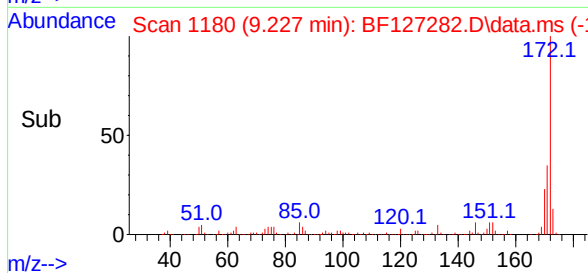
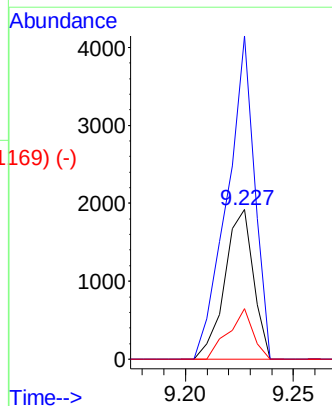
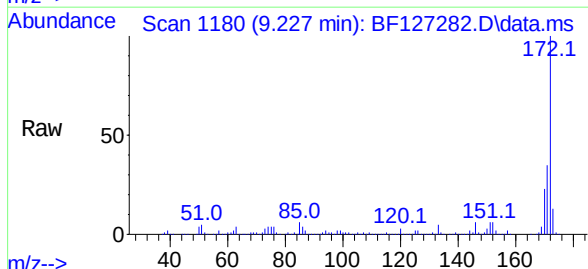
Tgt Ion: 65 Resp: 1788

Ion Ratio Lower Upper

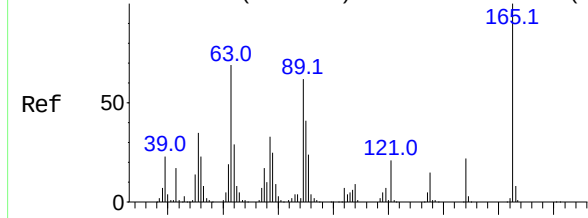
65 100

92 216.0 54.4 81.6#

138 33.6 72.5 108.7#



Abundance Scan 1261 (9.704 min): BF127277.D\data.ms (-1254)



2,6-Dinitrotoluene

Concen: 8.590 ng

RT: 9.910 min Scan# 1295

Delta R.T. 0.206 min

Lab File: BF127282.D

Acq: 09 Mar 2022 18:13

Instrument :

BNA_F

ClientSampleId :

PB143199BL

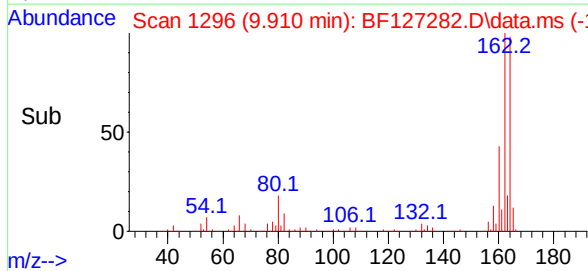
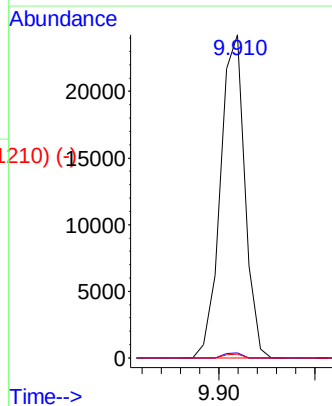
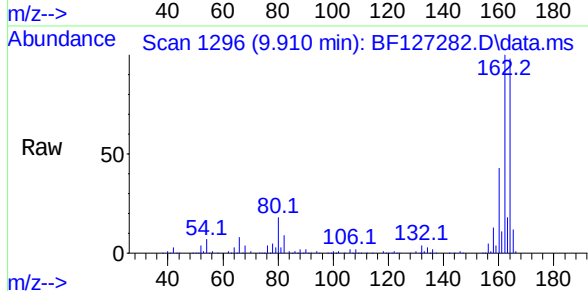
Tgt Ion:165 Resp: 21434

Ion Ratio Lower Upper

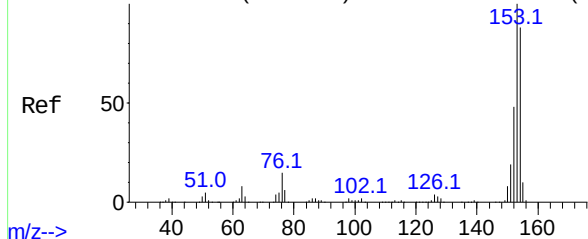
165 100

63 1.6 48.4 72.6#

89 1.2 50.5 75.7#



Abundance Scan 1303 (9.951 min): BF127277.D\data.ms (-1295)



Acenaphthene

Concen: 0.070 ng

RT: 9.904 min Scan# 1295

Delta R.T. -0.047 min

Lab File: BF127282.D

Acq: 09 Mar 2022 18:13

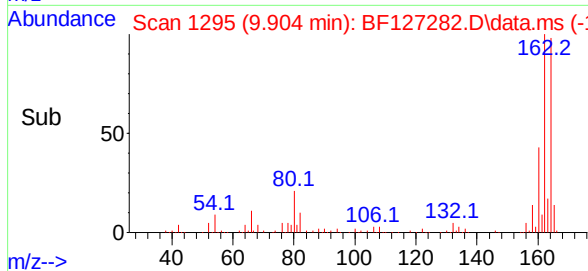
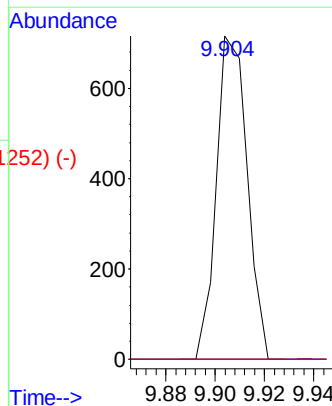
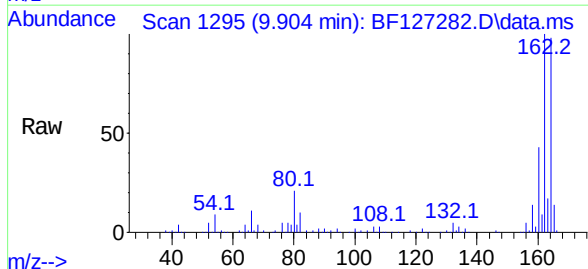
Tgt Ion:154 Resp: 621

Ion Ratio Lower Upper

154 100

153 0.0 87.8 131.6#

152 0.0 39.4 59.2#



Abundance Scan 1330 (10.110 min): BF127277.D\data.ms (-1357) (-)

2,4-Dinitrotoluene

Concen: 6.776 ng

RT: 9.910 min Scan# 1

Delta R.T. -0.200 min

Lab File: BF127282.D

Acq: 09 Mar 2022 18:13

Instrument :

BNA_F

ClientSampleId :

PB143199BL

Tgt Ion:165 Resp: 21434

Ion Ratio Lower Upper

165 100

63 1.6 43.0 64.6#

89 1.2 71.0 106.4#

182 0.0 1.6 2.4#

m/z-->

Abundance Scan 1296 (9.910 min): BF127282.D\data.ms

Raw

54.1 80.1 106.1 132.1 162.2

m/z-->

Abundance Scan 1296 (9.910 min): BF127282.D\data.ms (-1279) (-)

Sub

54.1 80.1 106.1 132.1 162.2

m/z-->

Abundance

9.910

20000

15000

10000

5000

0

Time-->

Abundance Scan 1390 (10.463 min): BF127277.D\data.ms (-1358) (-)

Fluorene

Concen: 0.726 ng

RT: 10.704 min Scan# 1431

Delta R.T. 0.241 min

Lab File: BF127282.D

Acq: 09 Mar 2022 18:13

Tgt Ion:166 Resp: 7872

Ion Ratio Lower Upper

166 100

165 113.3 77.7 116.5

167 43.2 10.7 16.1#

m/z-->

Abundance Scan 1431 (10.704 min): BF127282.D\data.ms

Raw

62.0 141.0 221.9 329.8

m/z-->

Abundance Scan 1431 (10.704 min): BF127282.D\data.ms (-1339) (-)

Sub

62.0 141.0 221.9 329.8

m/z-->

Abundance

10.704

8000

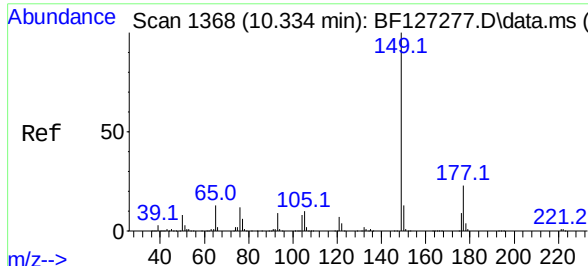
6000

4000

2000

0

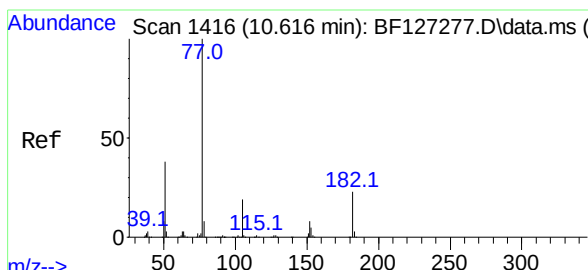
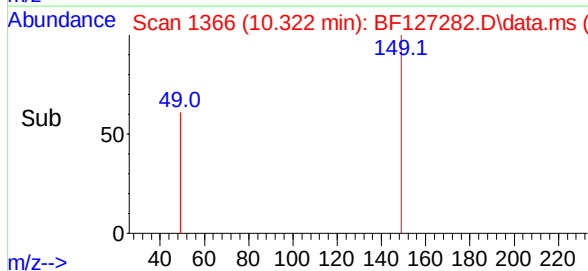
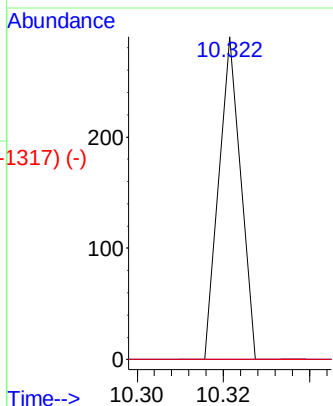
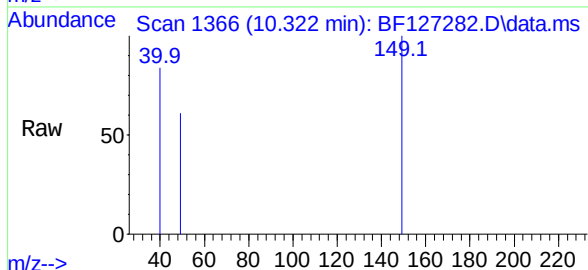
Time-->



Diethylphthalate
 Concen: 0.009 ng
 RT: 10.322 min Scan# 1369
 Delta R.T. -0.012 min
 Lab File: BF127282.D
 Acq: 09 Mar 2022 18:13

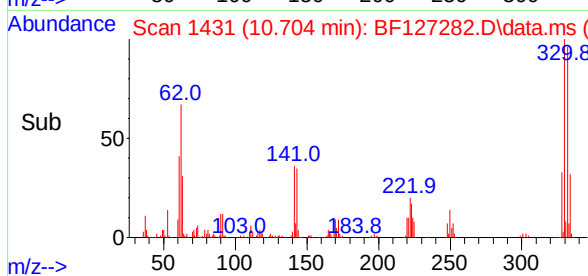
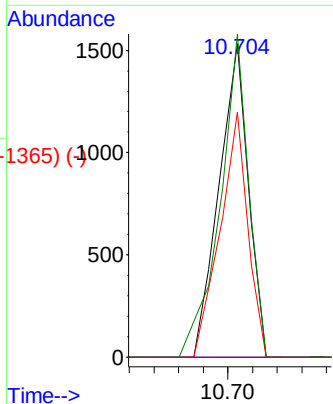
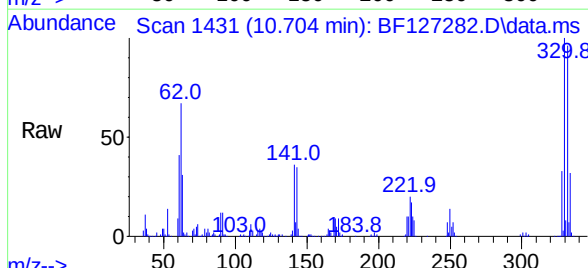
Instrument :
 BNA_F
 ClientSampleId :
 PB143199BL

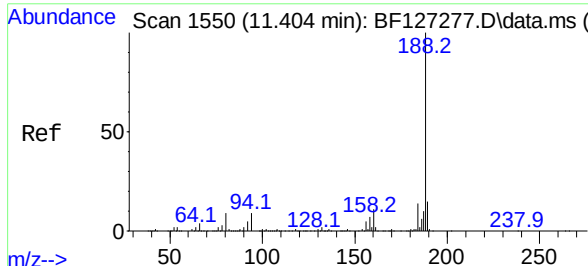
Tgt Ion:	149	Resp:	102
Ion	Ratio	Lower	Upper
149	100		
177	0.0	16.7	25.1#
150	0.0	9.8	14.8#



Azobenzene
 Concen: 0.100 ng
 RT: 10.704 min Scan# 1431
 Delta R.T. 0.088 min
 Lab File: BF127282.D
 Acq: 09 Mar 2022 18:13

Tgt Ion:	77	Resp:	1272
Ion	Ratio	Lower	Upper
77	100		
182	0.0	0.0	39.0
105	78.1	3.2	43.2#
51	103.0	8.2	48.2#

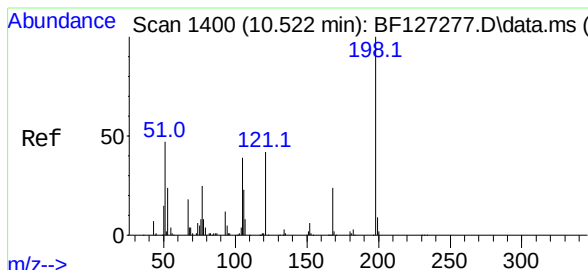
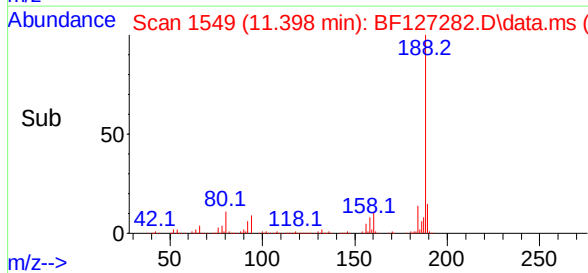
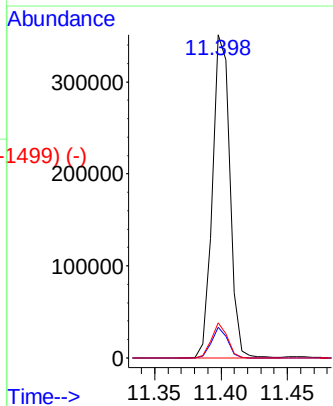
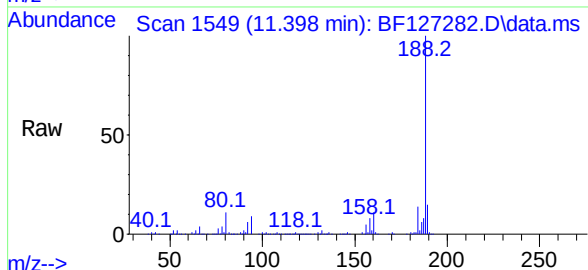




Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.398 min Scan# 1431
 Delta R.T. -0.006 min
 Lab File: BF127282.D
 Acq: 09 Mar 2022 18:13

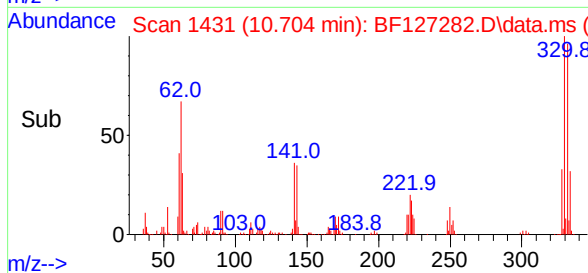
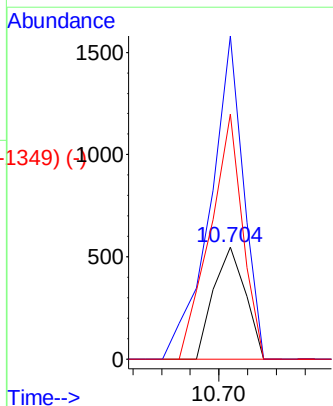
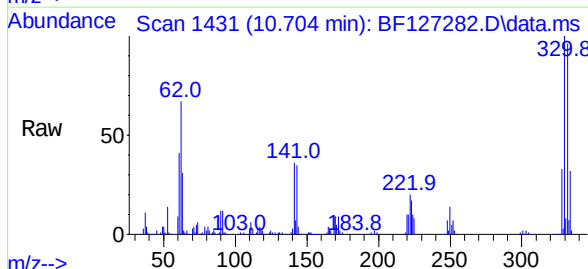
Instrument :
 BNA_F
 ClientSampleId :
 PB143199BL

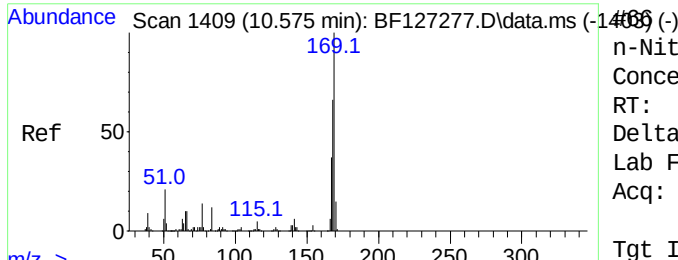
Tgt Ion:	188	Resp:	319921
Ion	Ratio	Lower	Upper
188	100		
94	9.4	10.1	15.1#
80	10.9	11.8	17.6#



4,6-Dinitro-2-methylphenol
 Concen: 0.207 ng
 RT: 10.704 min Scan# 1431
 Delta R.T. 0.182 min
 Lab File: BF127282.D
 Acq: 09 Mar 2022 18:13

Tgt Ion:	198	Resp:	423
Ion	Ratio	Lower	Upper
198	100		
51	287.8	32.0	72.0#
105	218.2	32.7	72.7#

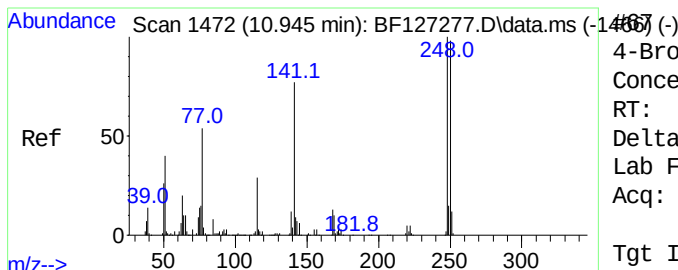
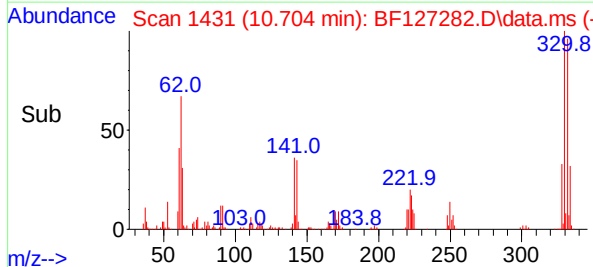
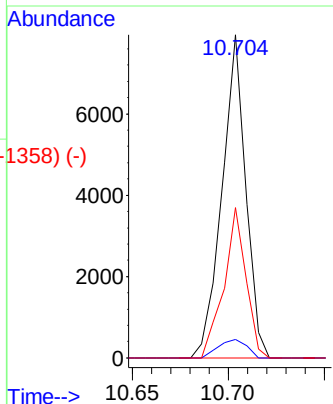
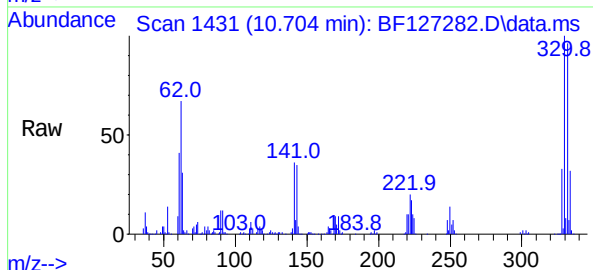




n-Nitrosodiphenylamine
Concen: 0.680 ng
RT: 10.704 min Scan# 1409
Delta R.T. 0.129 min
Lab File: BF127282.D
Acq: 09 Mar 2022 18:13

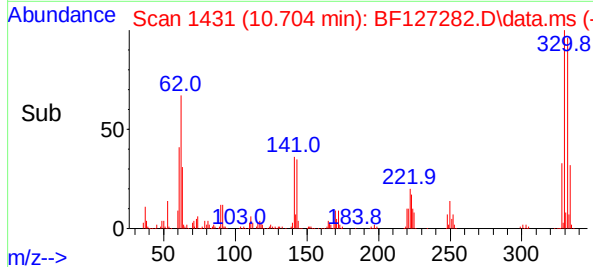
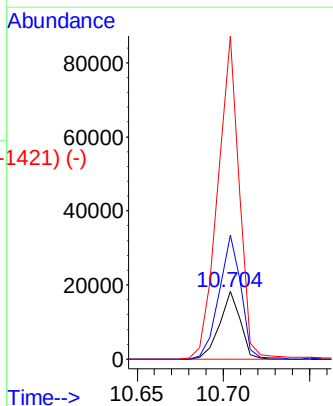
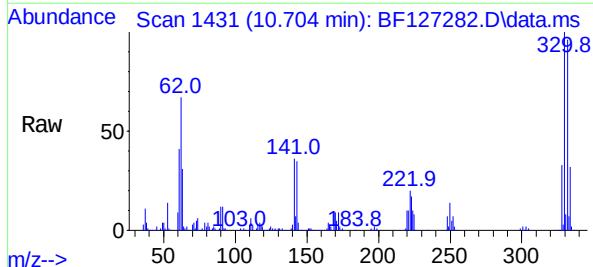
Instrument :
BNA_F
ClientSampleId :
PB143199BL

Tgt Ion:	169	Resp:	6828
Ion	Ratio	Lower	Upper
169	100		
168	5.7	53.4	80.0#
167	46.5	29.4	44.0#

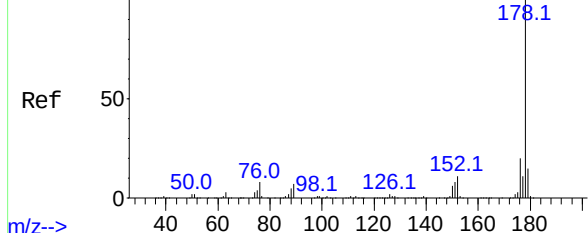


4-Bromophenyl-phenylether
Concen: 3.959 ng
RT: 10.704 min Scan# 1431
Delta R.T. -0.241 min
Lab File: BF127282.D
Acq: 09 Mar 2022 18:13

Tgt Ion:	248	Resp:	15497
Ion	Ratio	Lower	Upper
248	100		
250	183.5	76.2	114.4#
141	478.6	66.2	99.4#



Abundance Scan 1555 (11.433 min): BF127277.D\data.ms (-1548) (-)



Phenanthrene

Concen: 0.005 ng

RT: 11.398 min Scan# 1549

Delta R.T. -0.036 min

Lab File: BF127282.D

Acq: 09 Mar 2022 18:13

Instrument :

BNA_F

ClientSampleId :

PB143199BL

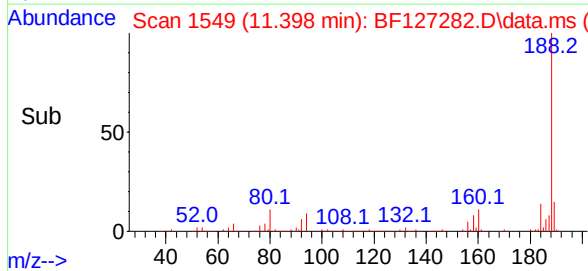
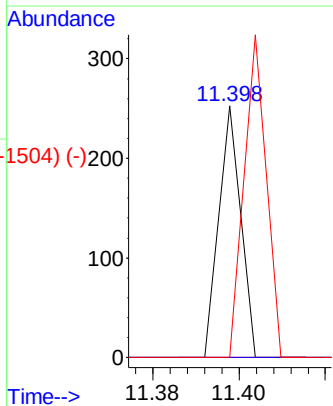
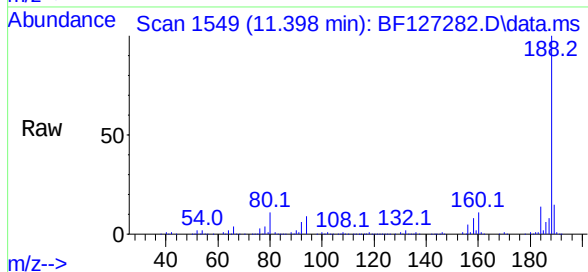
Tgt Ion:178 Resp: 89

Ion Ratio Lower Upper

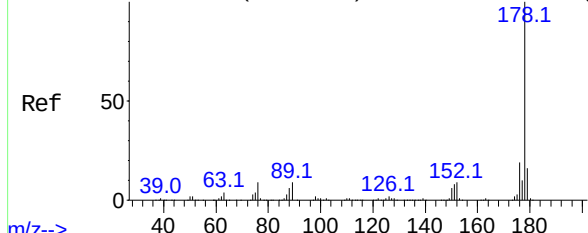
178 100

176 0.0 15.7 23.5#

179 0.0 12.3 18.5#



Abundance Scan 1563 (11.481 min): BF127277.D\data.ms (-1563) (-)



Anthracene

Concen: 0.005 ng

RT: 11.398 min Scan# 1549

Delta R.T. -0.083 min

Lab File: BF127282.D

Acq: 09 Mar 2022 18:13

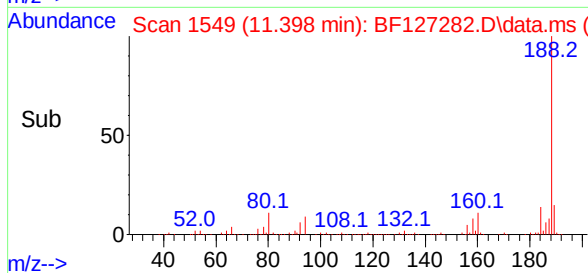
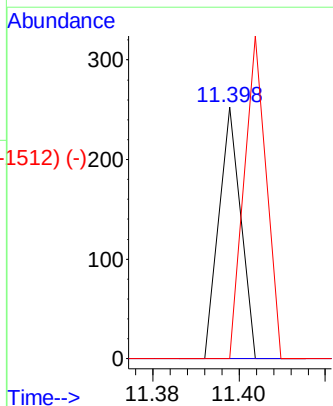
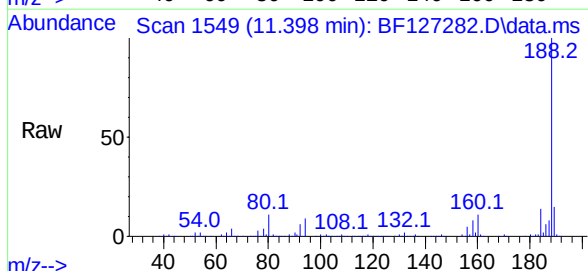
Tgt Ion:178 Resp: 89

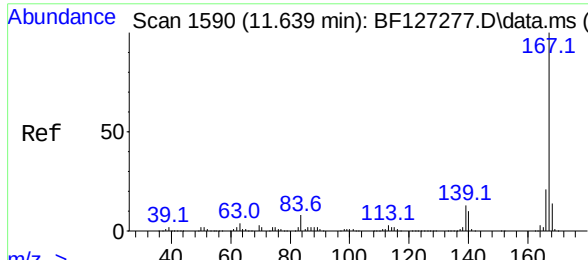
Ion Ratio Lower Upper

178 100

176 0.0 15.0 22.6#

179 0.0 12.5 18.7#

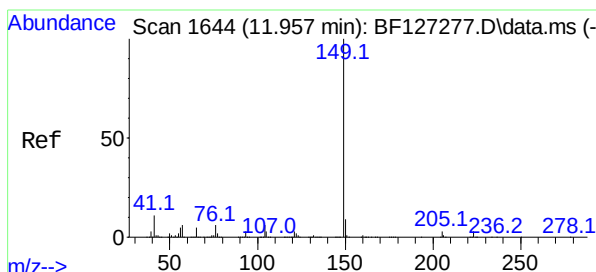
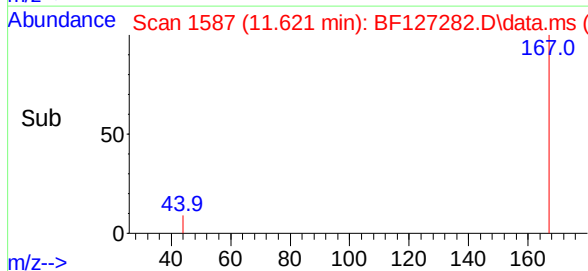
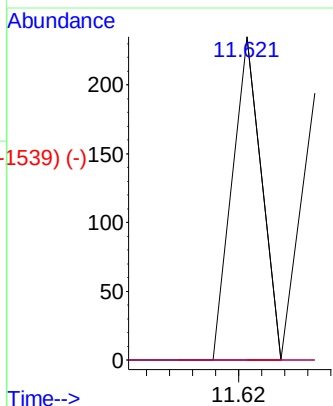
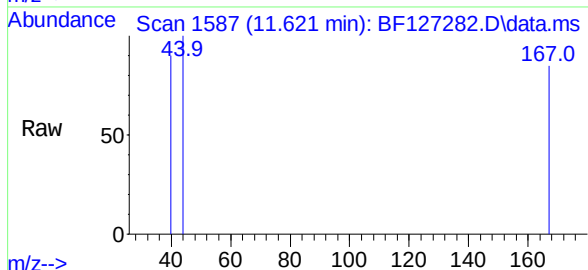




Carbazole
 Concen: 0.005 ng
 RT: 11.621 min Scan# 1587
 Delta R.T. -0.018 min
 Lab File: BF127282.D
 Acq: 09 Mar 2022 18:13

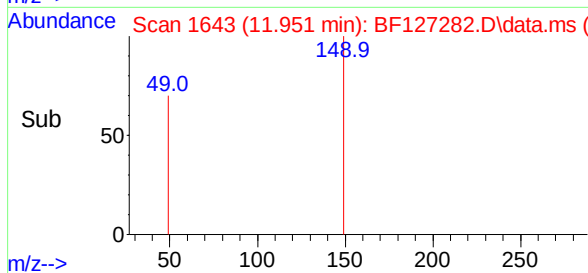
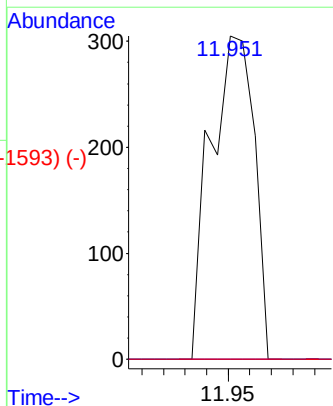
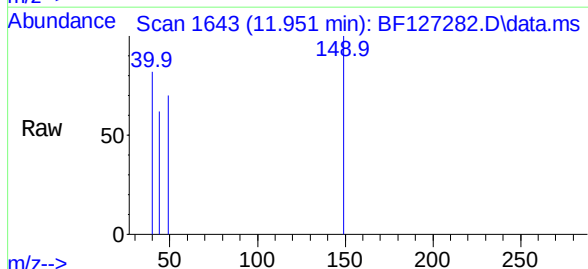
Instrument :
 BNA_F
 ClientSampleId :
 PB143199BL

Tgt Ion:	167	Resp:	83
Ion	Ratio	Lower	Upper
167	100		
166	0.0	16.9	25.3#
139	0.0	11.3	16.9#



Di-n-butylphthalate
 Concen: 0.024 ng
 RT: 11.951 min Scan# 1643
 Delta R.T. -0.006 min
 Lab File: BF127282.D
 Acq: 09 Mar 2022 18:13

Tgt Ion:	149	Resp:	432
Ion	Ratio	Lower	Upper
149	100		
150	0.0	7.2	10.8#
104	0.0	4.2	6.2#



Abundance Scan 1757 (12.622 min): BF127277.D\data.ms (-1757) (-)

Fluoranthene

Concen: 0.046 ng

RT: 12.621 min Scan# 1757

Delta R.T. -0.000 min

Lab File: BF127282.D

Acq: 09 Mar 2022 18:13

Instrument :

BNA_F

ClientSampleId :

PB143199BL

Tgt Ion:202 Resp: 858

Ion Ratio Lower Upper

202 100

101 0.0 0.0 35.7

203 0.0 0.0 37.1

m/z-->

Abundance Scan 1757 (12.621 min): BF127282.D\data.ms

202.0

43.9

Raw

50

0

m/z-->

Abundance Scan 1757 (12.621 min): BF127282.D\data.ms (-1706) (-)

202.0

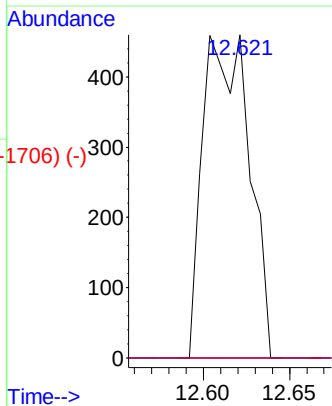
44.0

Sub

50

0

m/z-->



Abundance Scan 2000 (14.051 min): BF127277.D\data.ms (-1999) (-)

Chrysene-d12

Concen: 20.000 ng

RT: 14.045 min Scan# 1999

Delta R.T. -0.006 min

Lab File: BF127282.D

Acq: 09 Mar 2022 18:13

Tgt Ion:240 Resp: 255816

Ion Ratio Lower Upper

240 100

120 8.9 14.4 21.6#

236 25.7 20.5 30.7

m/z-->

Abundance Scan 1999 (14.045 min): BF127282.D\data.ms

240.2

64.0

Raw

50

0

m/z-->

Abundance Scan 1999 (14.045 min): BF127282.D\data.ms (-1949) (-)

240.2

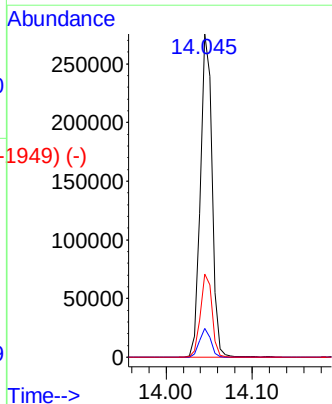
54.0

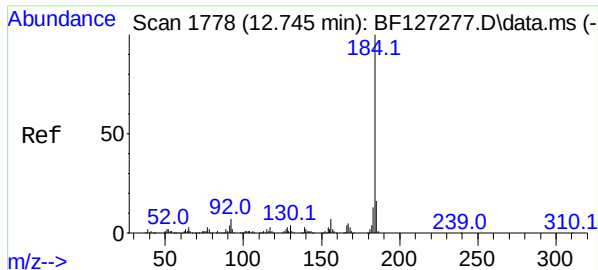
Sub

50

0

m/z-->





Benzidine

Concen: 2.736 ng

RT: 12.992 min Scan# 1778

Delta R.T. 0.247 min

Lab File: BF127282.D

Acq: 09 Mar 2022 18:13

Instrument :

BNA_F

ClientSampleId :

PB143199BL

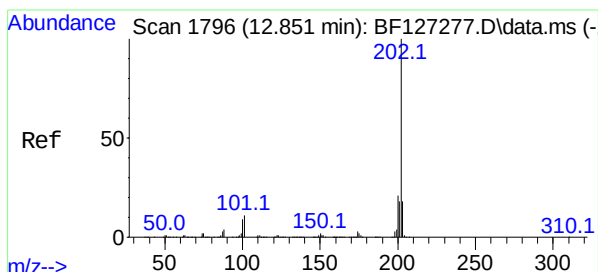
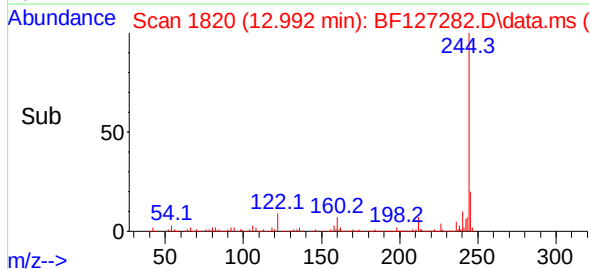
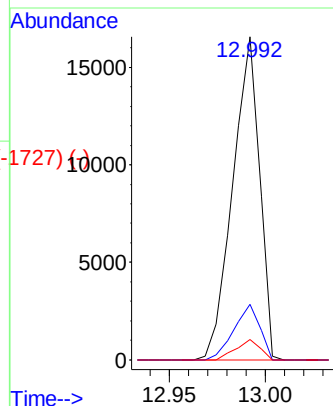
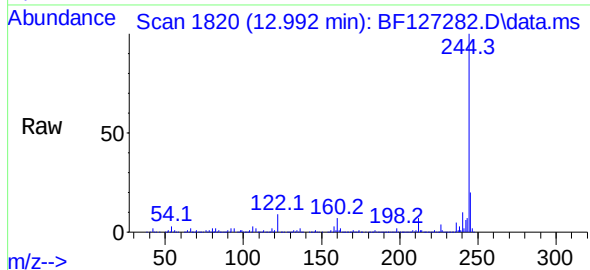
Tgt Ion:184 Resp: 16069

Ion Ratio Lower Upper

184 100

185 17.2 11.8 17.8

183 6.2 8.2 12.2#



Pyrene

Concen: 0.049 ng

RT: 12.845 min Scan# 1795

Delta R.T. -0.006 min

Lab File: BF127282.D

Acq: 09 Mar 2022 18:13

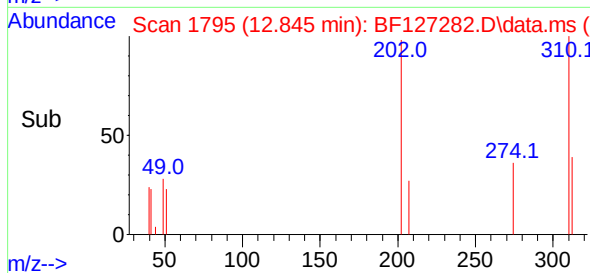
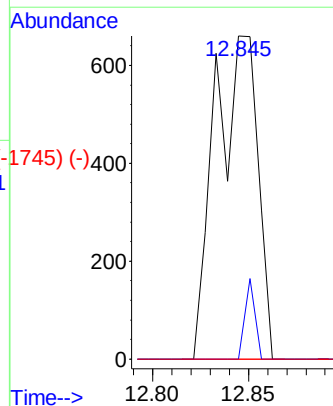
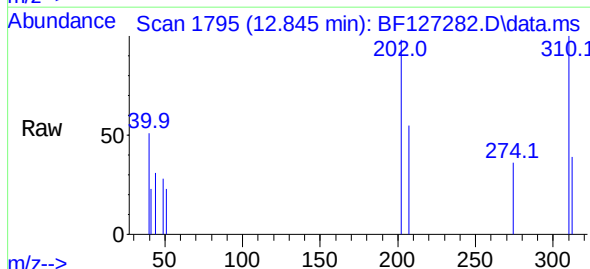
Tgt Ion:202 Resp: 1013

Ion Ratio Lower Upper

202 100

200 0.0 16.6 24.8#

203 0.0 13.8 20.8#



Abundance Scan 1820 (12.992 min): BF127277.D\data.ms (-1769) (-)

Terphenyl-d14

Concen: 81.801 ng

RT: 12.992 min Scan# 1820

Delta R.T. -0.000 min

Lab File: BF127282.D

Acq: 09 Mar 2022 18:13

Instrument :

BNA_F

ClientSampleId :

PB143199BL

Tgt Ion:244 Resp: 1263027

Ion Ratio Lower Upper

244 100

212 7.3 5.0 7.4

122 9.4 13.3 19.9#

Abundance Scan 1820 (12.992 min): BF127282.D\data.ms

Ref

Raw

Sub

m/z-->

Abundance Scan 1820 (12.992 min): BF127282.D\data.ms (-1769) (-)

Ref

Raw

Sub

m/z-->

Abundance Scan 1820 (12.992 min): BF127282.D\data.ms (-1769) (-)

Ref

Raw

Sub

m/z-->

Abundance Scan 1820 (12.992 min): BF127282.D\data.ms (-1769) (-)

Ref

Raw

Sub

m/z-->

Abundance

12.992

1000000

500000

0

Time-->

12.90 13.00

Abundance Scan 1900 (13.463 min): BF127277.D\data.ms (-1849) (-)

Butylbenzylphthalate

Concen: 0.030 ng

RT: 13.462 min Scan# 1900

Delta R.T. -0.000 min

Lab File: BF127282.D

Acq: 09 Mar 2022 18:13

Tgt Ion:149 Resp: 236

Ion Ratio Lower Upper

149 100

91 0.0 70.5 105.7#

206 0.0 12.6 19.0#

Abundance Scan 1900 (13.462 min): BF127282.D\data.ms

Ref

Raw

Sub

m/z-->

Abundance Scan 1900 (13.462 min): BF127282.D\data.ms (-1849) (-)

Ref

Raw

Sub

m/z-->

Abundance Scan 1900 (13.462 min): BF127282.D\data.ms (-1849) (-)

Ref

Raw

Sub

m/z-->

Abundance

13.462

200

150

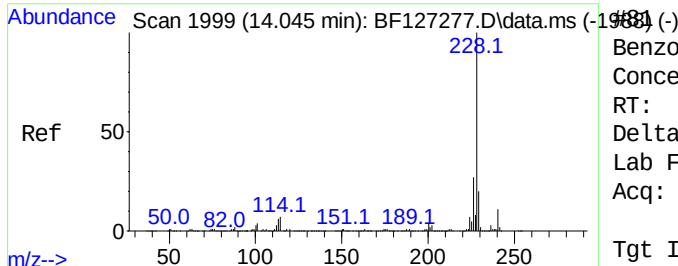
100

50

0

Time-->

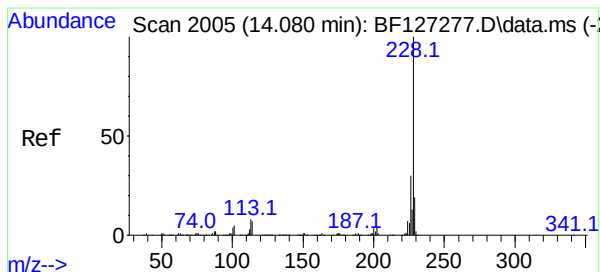
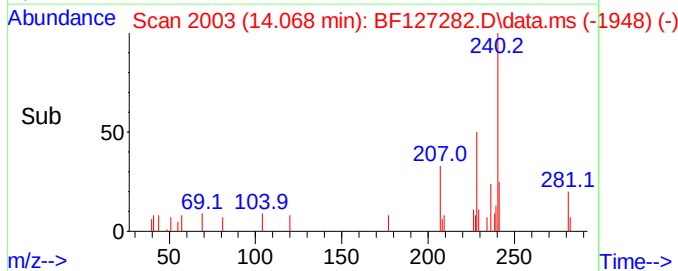
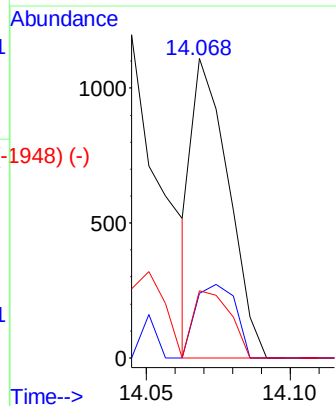
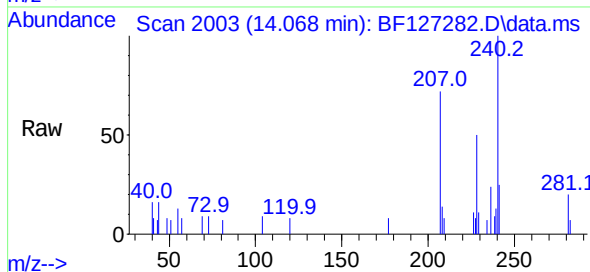
13.45



Benzo(a)anthracene
 Concen: 0.056 ng
 RT: 14.068 min Scan# 2003
 Delta R.T. 0.023 min
 Lab File: BF127282.D
 Acq: 09 Mar 2022 18:13

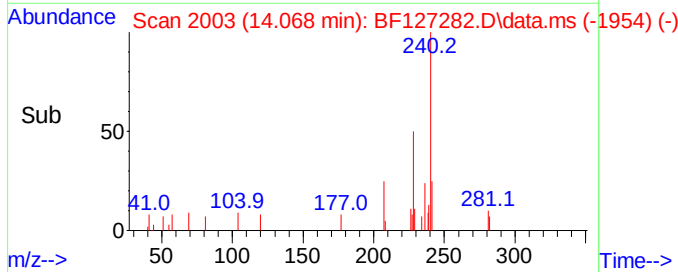
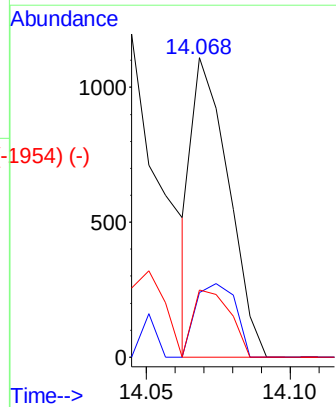
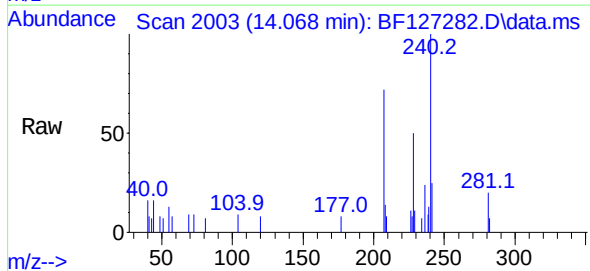
Instrument :
 BNA_F
 ClientSampleId :
 PB143199BL

Tgt Ion:	228	Resp:	965
Ion	Ratio	Lower	Upper
228	100		
226	21.5	21.4	32.0
229	22.5	15.4	23.2



Chrysene
 Concen: 0.059 ng
 RT: 14.068 min Scan# 2003
 Delta R.T. -0.012 min
 Lab File: BF127282.D
 Acq: 09 Mar 2022 18:13

Tgt Ion:	228	Resp:	965
Ion	Ratio	Lower	Upper
228	100		
226	21.5	23.7	35.5#
229	22.5	15.5	23.3



Abundance Scan 1994 (14.016 min): BF127277.D\data.ms (-1984) (-)

Bis(2-ethylhexyl)phthalate

Concen: 0.068 ng

RT: 14.015 min Scan# 1994

Delta R.T. -0.000 min

Lab File: BF127282.D

Acq: 09 Mar 2022 18:13

Instrument :

BNA_F

ClientSampleId :

PB143199BL

Tgt Ion:149 Resp: 712

Ion Ratio Lower Upper

149 100

167 0.0 21.4 32.2#

279 0.0 2.4 3.6#

Abundance Scan 1994 (14.015 min): BF127282.D\data.ms

Ref

57.1 104.1 149.1 203.0 279.1

m/z-->

Abundance Scan 1994 (14.015 min): BF127282.D\data.ms

Raw

56.9 105.1 149.1 207.1 281.1

m/z-->

Abundance Scan 1994 (14.015 min): BF127282.D\data.ms (-1943) (-)

Sub

56.9 105.1 149.1 207.1 281.1

m/z-->

Abundance

14.015

Time-->

Abundance Scan 2098 (14.627 min): BF127277.D\data.ms (-2085) (-)

Di-n-octyl phthalate

Concen: 0.062 ng

RT: 14.621 min Scan# 2097

Delta R.T. -0.006 min

Lab File: BF127282.D

Acq: 09 Mar 2022 18:13

Tgt Ion:149 Resp: 1016

Ion Ratio Lower Upper

149 100

167 0.0 1.1 1.7#

43 59.3 9.9 14.9#

Abundance Scan 2097 (14.621 min): BF127282.D\data.ms

Ref

43.0 104.0 149.1 194.1 279.1 390.3

m/z-->

Abundance Scan 2097 (14.621 min): BF127282.D\data.ms

Raw

57.0 149.1 281.1 341.0

m/z-->

Abundance Scan 2097 (14.621 min): BF127282.D\data.ms (-2047) (-)

Sub

49.0 97.0 149.1 207.1 283.0 341.0

m/z-->

Abundance

14.621

Time-->

Abundance Scan 2253 (15.539 min): BF127277.D\data.ms (-2486) (-)

Perylene-d12

Concen: 20.000 ng

RT: 15.533 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF127282.D

Acq: 09 Mar 2022 18:13

Instrument :

BNA_F

ClientSampleId :

PB143199BL

Tgt Ion:264 Resp: 208507

Ion Ratio Lower Upper

264 100

260 24.4 19.2 28.8

265 21.9 17.4 26.2

m/z-->

Abundance Scan 2252 (15.533 min): BF127282.D\data.ms

Raw

264.2

57.0 90.0 132.1 165.0 198.1 232.1

m/z-->

Abundance Scan 2252 (15.533 min): BF127282.D\data.ms (-2202) (-)

Sub

264.1

57.0 88.0 132.1 165.0 198.1 232.1

m/z-->

Abundance

15.533

150000

100000

50000

0

Time-->

Abundance Scan 2509 (17.045 min): BF127277.D\data.ms (-2487) (-)

Indeno(1,2,3-cd)pyrene

Concen: 0.070 ng

RT: 17.050 min Scan# 2510

Delta R.T. 0.006 min

Lab File: BF127282.D

Acq: 09 Mar 2022 18:13

Tgt Ion:276 Resp: 897

Ion Ratio Lower Upper

276 100

138 8.0 29.2 43.8#

277 8.9 19.8 29.8#

m/z-->

Abundance Scan 2510 (17.050 min): BF127282.D\data.ms

Raw

207.1

43.0 97.0 147.1 281.1

m/z-->

Abundance Scan 2510 (17.050 min): BF127282.D\data.ms (-2458) (-)

Sub

276.0

43.0 94.8 137.1 191.0

m/z-->

Abundance

17.050

500

400

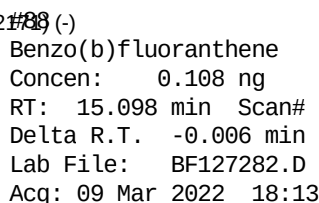
300

200

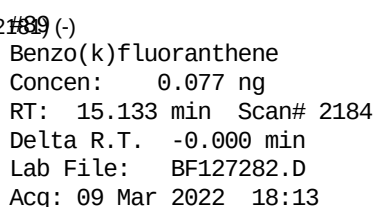
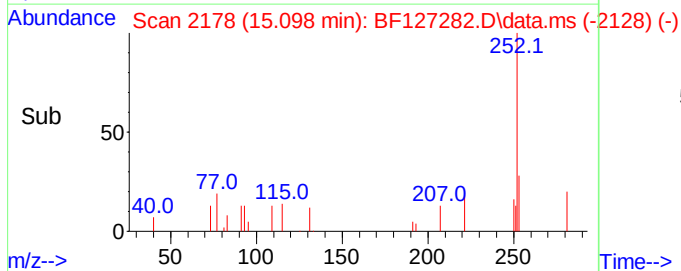
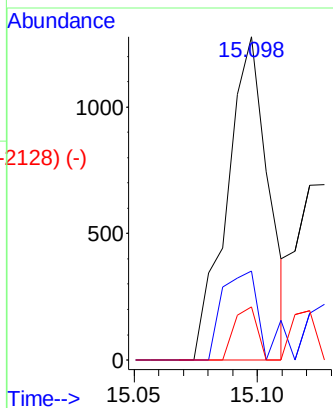
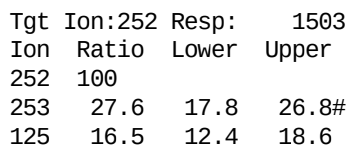
100

0

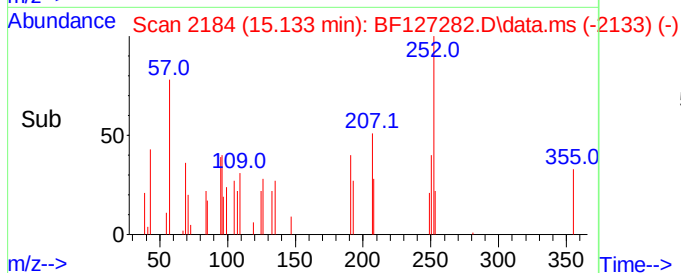
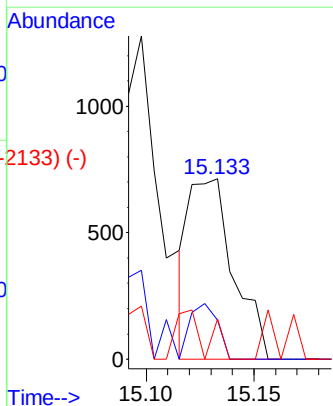
Time-->

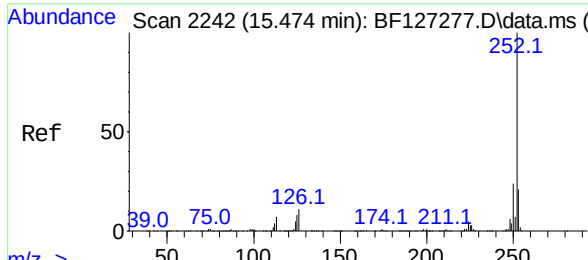


Instrument :
BNA_F
ClientSampleId :
PB143199BL



Tgt	Ion:252	Resp:	1029
Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.5	26.3
125	22.3	11.8	17.6#

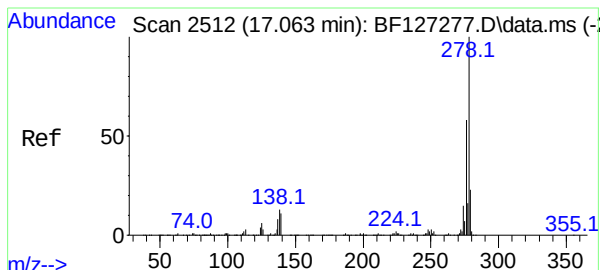
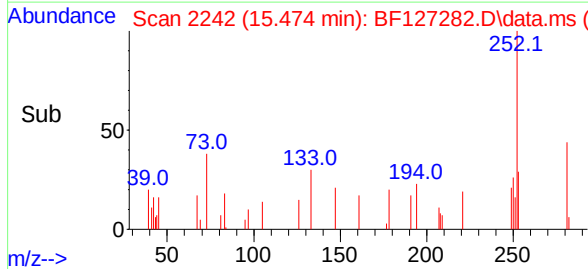
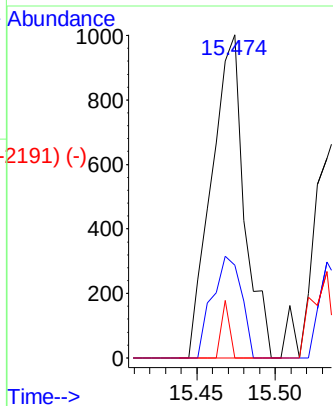
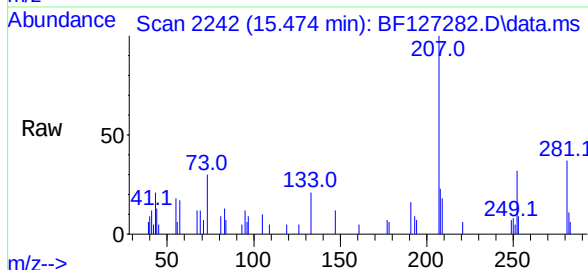




Scan 2242 (15.474 min): BF127277.D\data.ms (-2509) (-)
 Benzo(a)pyrene
 Concen: 0.135 ng
 RT: 15.474 min Scan# 2111
 Delta R.T. -0.000 min
 Lab File: BF127282.D
 Acq: 09 Mar 2022 18:13

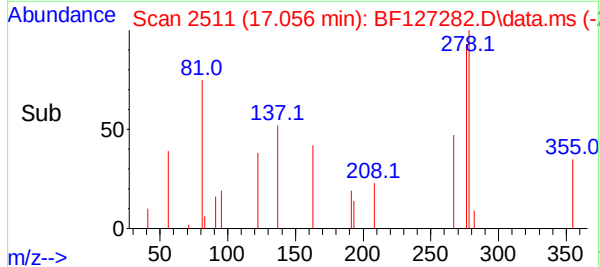
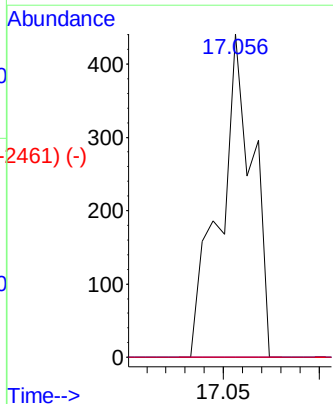
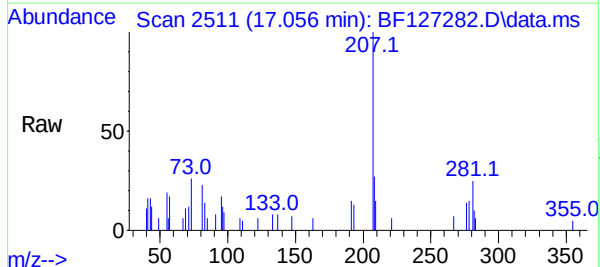
Instrument :
 BNA_F
 ClientSampleId :
 PB143199BL

Tgt Ion:	252	Resp:	1459
Ion Ratio	Lower	Upper	
252	100		
253	28.7	17.1	25.7#
125	0.0	13.0	19.6#

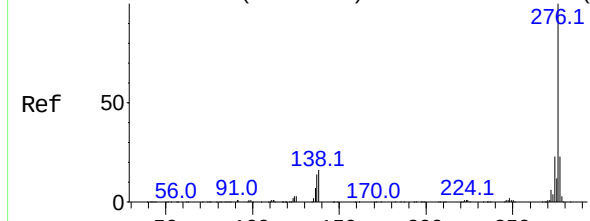


Scan 2512 (17.063 min): BF127277.D\data.ms (-2501) (-)
 Dibenzo(a,h)anthracene
 Concen: 0.050 ng
 RT: 17.056 min Scan# 2511
 Delta R.T. -0.006 min
 Lab File: BF127282.D
 Acq: 09 Mar 2022 18:13

Tgt Ion:	278	Resp:	528
Ion Ratio	Lower	Upper	
278	100		
139	0.0	18.0	27.0#
279	0.0	18.6	27.8#



Abundance Scan 2588 (17.510 min): BF127277.D\data.ms (-2579) (-)



Benzo(g,h,i)perylene

Concen: 0.053 ng

RT: 17.503 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF127282.D

Acq: 09 Mar 2022 18:13

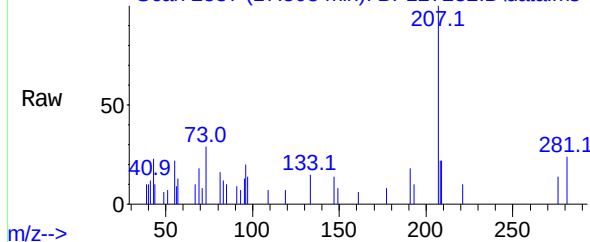
Instrument :

BNA_F

ClientSampleId :

PB143199BL

Abundance Scan 2587 (17.503 min): BF127282.D\data.ms



Tgt Ion:276 Resp: 558

Ion Ratio Lower Upper

276 100

277 0.0 18.5 27.7#

138 0.0 25.9 38.9#

Abundance Scan 2587 (17.503 min): BF127282.D\data.ms (-2537) (-)

