

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032122\
 Data File : BF127434.D
 Acq On : 22 Mar 2022 04:42
 Operator : CG\JU
 Sample : N1958-23
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 C-8-7-8

Quant Time: Mar 22 05:07:45 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF032122.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 22 02:16:33 2022
 Response via : Initial Calibration

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

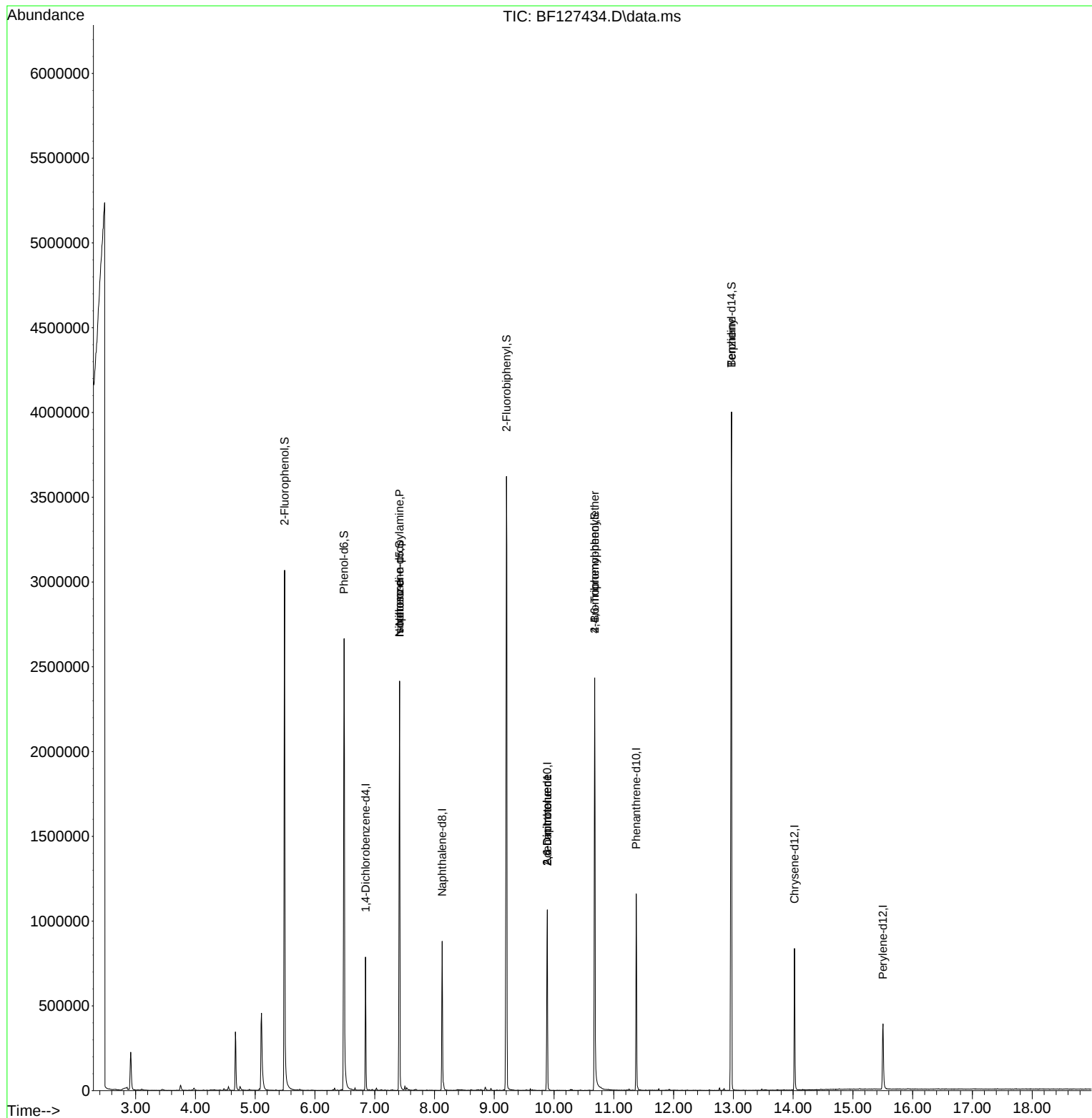
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.846	152	99925	20.000	ng	0.00
21) Naphthalene-d8	8.128	136	372327	20.000	ng	0.00
39) Acenaphthene-d10	9.886	164	221376	20.000	ng	0.00
64) Phenanthrene-d10	11.375	188	401405	20.000	ng	0.00
76) Chrysene-d12	14.022	240	280639	20.000	ng	0.00
86) Perylene-d12	15.504	264	195185	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	787331	125.770	ng	0.02
7) Phenol-d6	6.487	99	1002162	117.115	ng	0.00
23) Nitrobenzene-d5	7.416	82	803513	92.249	ng	0.00
42) 2,4,6-Tribromophenol	10.681	330	322569	136.785	ng	0.00
45) 2-Fluorobiphenyl	9.204	172	1379265	90.979	ng	0.00
79) Terphenyl-d14	12.969	244	1594442	93.007	ng	0.00
Target Compounds						
					Qvalue	
9) Benzaldehyde	6.487	77	1564	Below Cal	#	7
19) n-Nitroso-di-n-propyla...	7.416	70	110187	21.482	ng	# 78
25) Isophorone	7.416	82	803507	57.919	ng	# 70
51) 2,6-Dinitrotoluene	9.886	165	28910	8.943	ng	# 17
55) Dibenzofuran	10.104	168	739	Below Cal	#	71
57) 2,4-Dinitrotoluene	9.886	165	28910	6.948	ng	# 13
58) Fluorene	10.439	166	944	Below Cal	#	78
67) 4-Bromophenyl-phenylether	10.681	248	21635	4.616	ng	# 1
77) Benzidine	12.969	184	19589	2.927	ng	# 93

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

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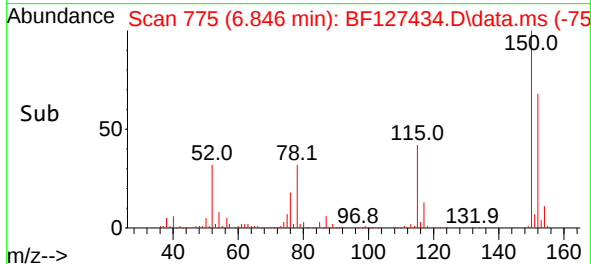
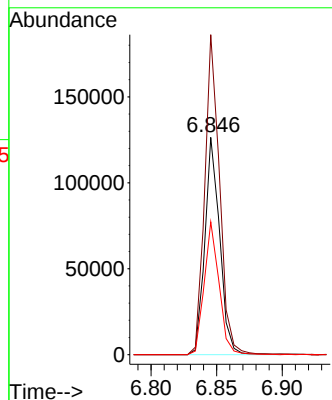
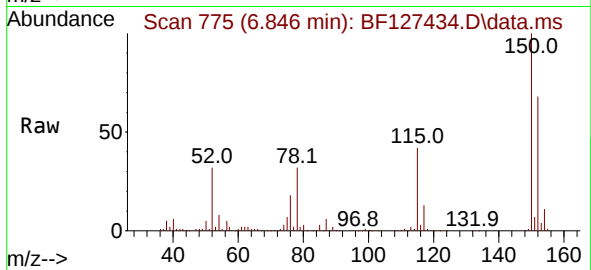




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.846 min Scan# 71
Delta R.T. -0.005 min
Lab File: BF127434.D
Acq: 22 Mar 2022 04:42

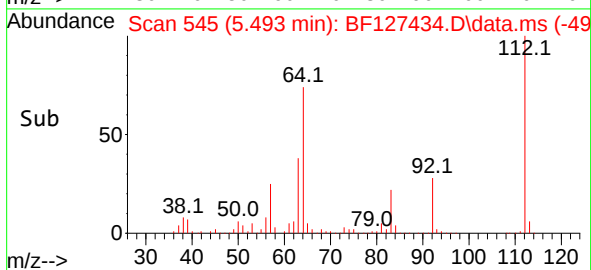
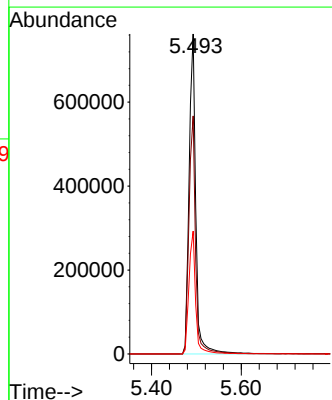
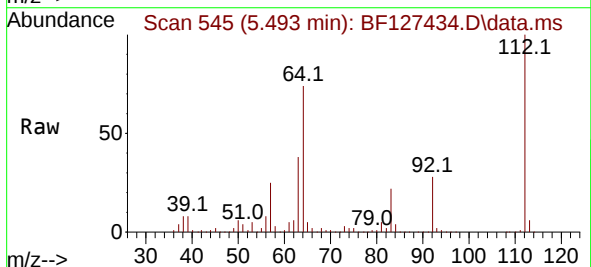
Instrument :
BNA_F
ClientSampleId :
C-8-7-8

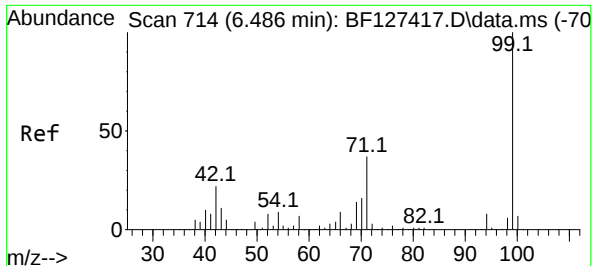
Tgt Ion:152 Resp: 99925
Ion Ratio Lower Upper
152 100
150 147.2 117.2 175.8
115 61.1 49.8 74.6



#5
2-Fluorophenol
Concen: 125.770 ng
RT: 5.493 min Scan# 545
Delta R.T. 0.024 min
Lab File: BF127434.D
Acq: 22 Mar 2022 04:42

Tgt Ion:112 Resp: 787331
Ion Ratio Lower Upper
112 100
64 74.4 58.4 87.6
63 38.4 30.1 45.1



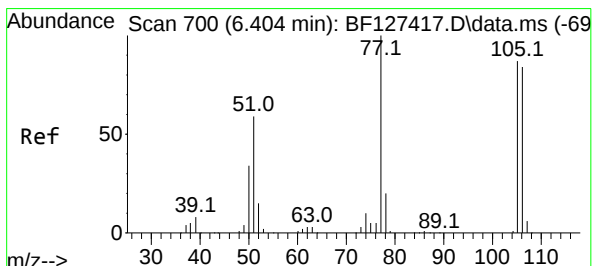
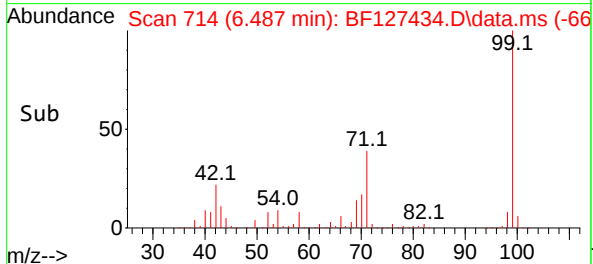
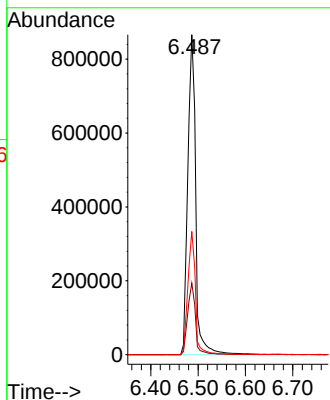
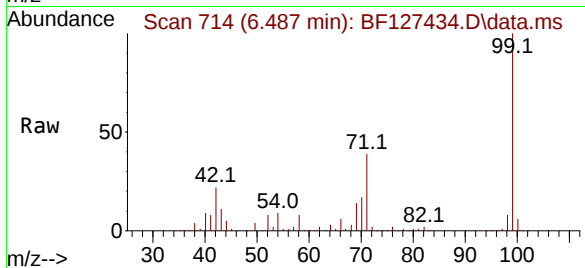


#7
Phenol-d6
Concen: 117.115 ng
RT: 6.487 min Scan# 714
Delta R.T. 0.000 min
Lab File: BF127434.D
Acq: 22 Mar 2022 04:42

Instrument :
BNA_F
ClientSampleId :
C-8-7-8

Tgt Ion: 99 Resp: 1002162

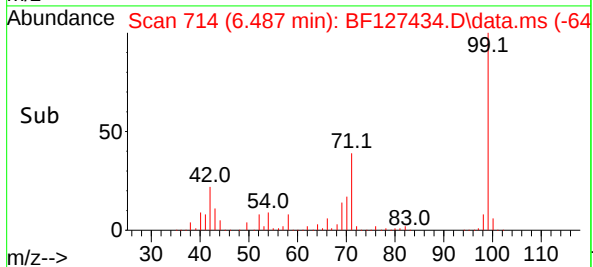
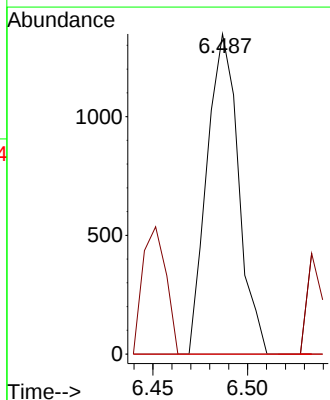
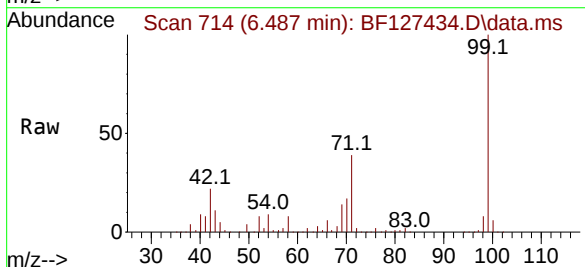
Ion	Ratio	Lower	Upper
99	100		
42	22.4	17.8	26.6
71	38.5	29.6	44.4



#9
Benzaldehyde
Concen: Below Cal
RT: 6.487 min Scan# 714
Delta R.T. 0.083 min
Lab File: BF127434.D
Acq: 22 Mar 2022 04:42

Tgt Ion: 77 Resp: 1564

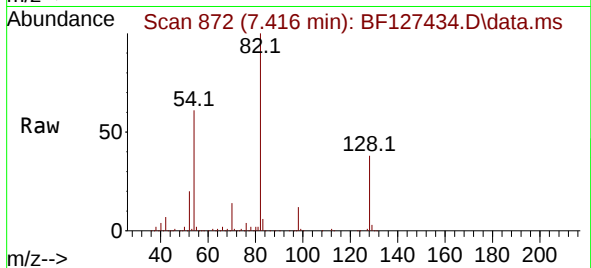
Ion	Ratio	Lower	Upper
77	100		
105	0.0	66.8	106.8#
106	0.0	64.3	104.3#



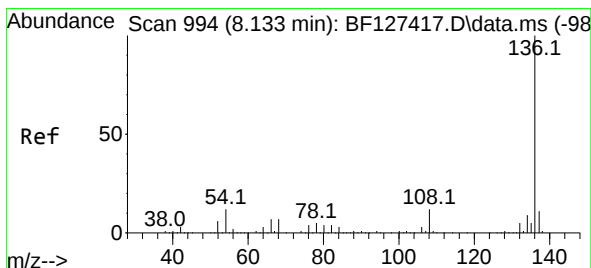
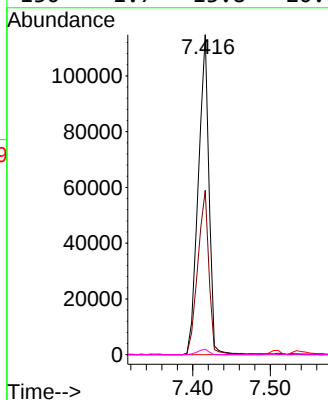
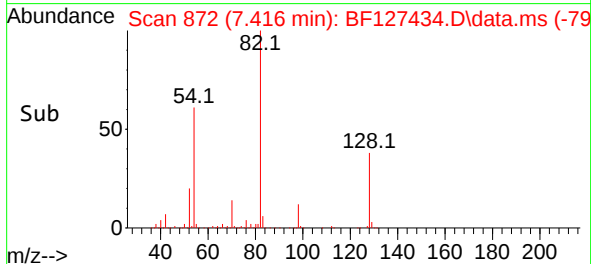


#19
n-Nitroso-di-n-propylamine
Concen: 21.482 ng
RT: 7.416 min Scan# 81
Delta R.T. 0.153 min
Lab File: BF127434.D
Acq: 22 Mar 2022 04:42

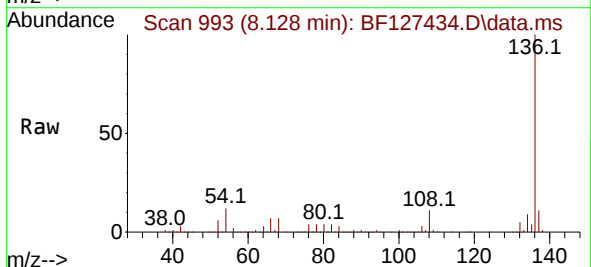
Instrument :
BNA_F
ClientSampleId :
C-8-7-8



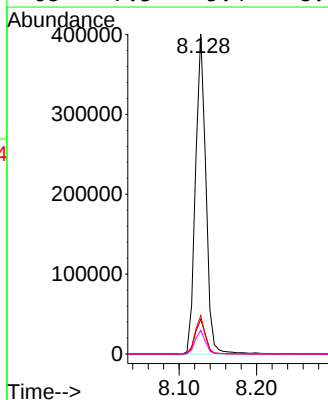
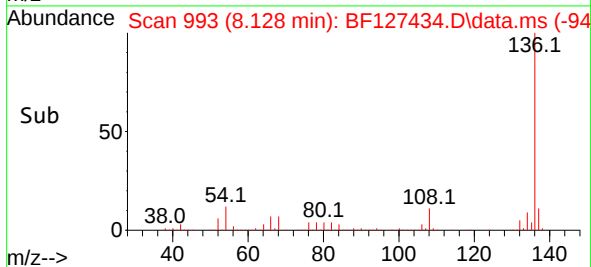
Tgt Ion: 70 Resp: 110187
Ion Ratio Lower Upper
70 100
42 51.3 53.0 79.6#
101 0.0 6.8 10.2#
130 1.7 13.8 20.6#

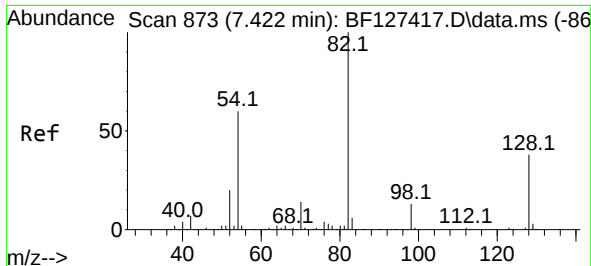


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.128 min Scan# 993
Delta R.T. -0.006 min
Lab File: BF127434.D
Acq: 22 Mar 2022 04:42



Tgt Ion: 136 Resp: 372327
Ion Ratio Lower Upper
136 100
137 10.8 8.6 13.0
54 12.0 9.2 13.8
68 7.3 5.4 8.0





#23

Nitrobenzene-d5

Concen: 92.249 ng

RT: 7.416 min Scan# 81

Delta R.T. -0.006 min

Lab File: BF127434.D

Acq: 22 Mar 2022 04:42

Instrument :

BNA_F

ClientSampleId :

C-8-7-8

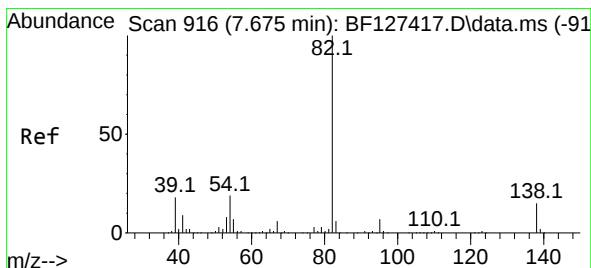
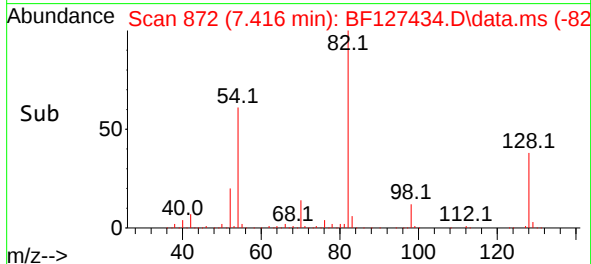
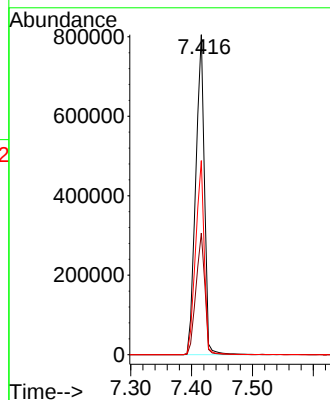
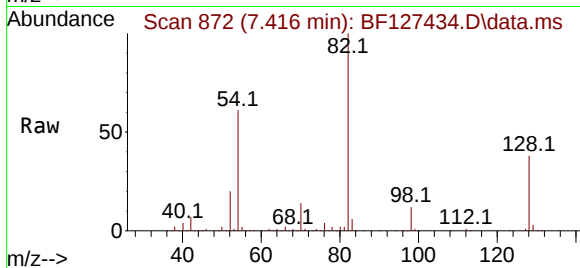
Tgt Ion: 82 Resp: 803513

Ion Ratio Lower Upper

82 100

128 38.0 30.6 45.8

54 60.7 48.2 72.2



#25

Isophorone

Concen: 57.919 ng

RT: 7.416 min Scan# 872

Delta R.T. -0.259 min

Lab File: BF127434.D

Acq: 22 Mar 2022 04:42

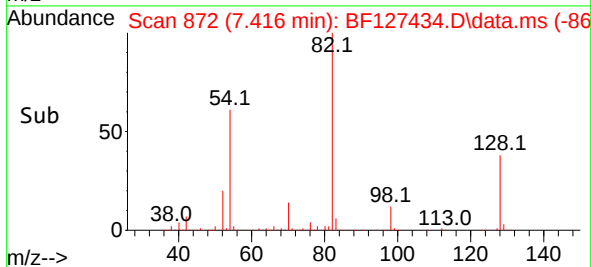
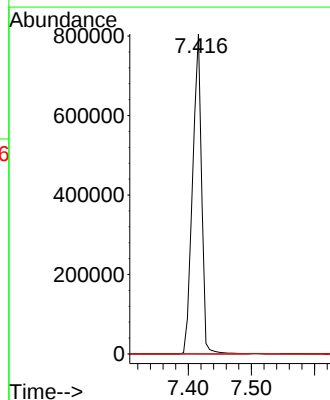
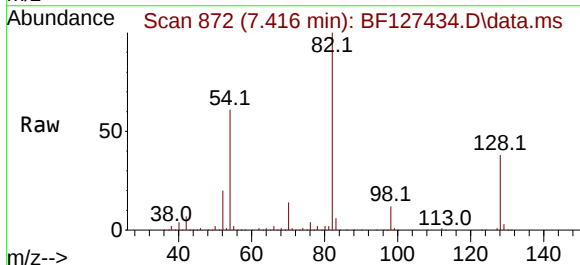
Tgt Ion: 82 Resp: 803507

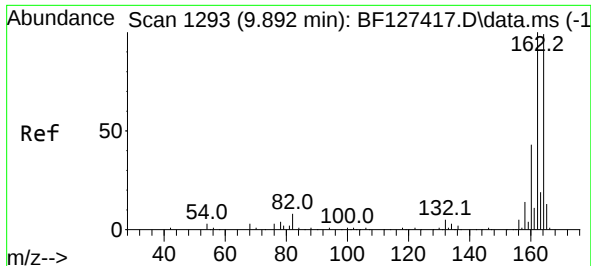
Ion Ratio Lower Upper

82 100

95 0.0 5.8 8.8#

138 0.0 11.6 17.4#

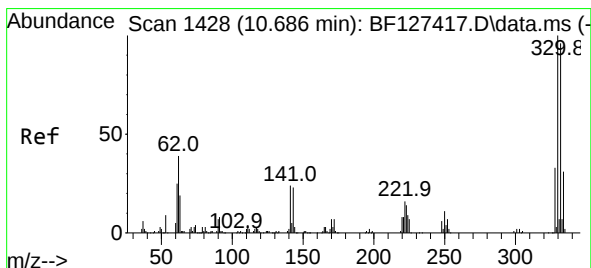
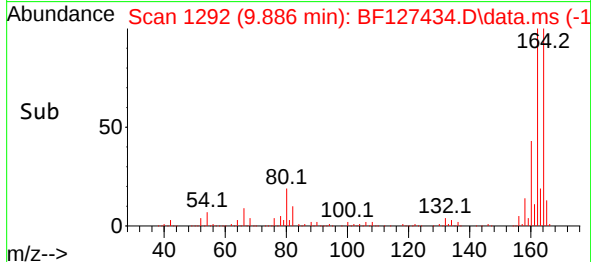
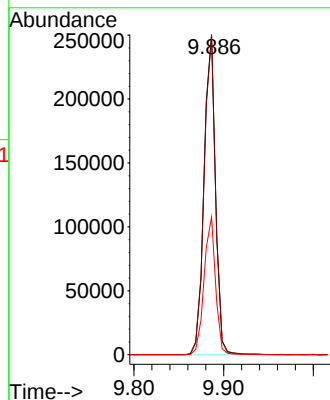
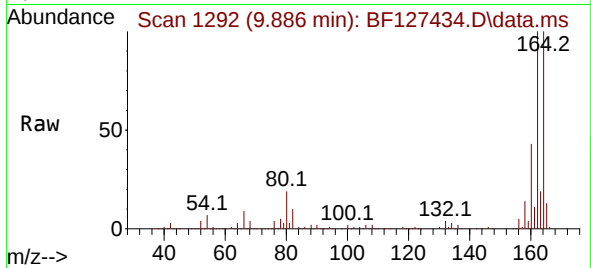




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.886 min Scan# 1292
Delta R.T. -0.006 min
Lab File: BF127434.D
Acq: 22 Mar 2022 04:42

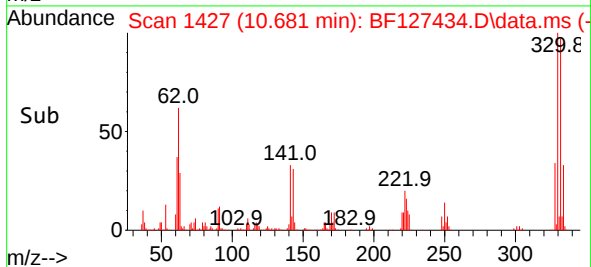
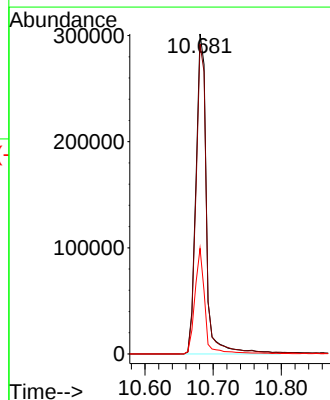
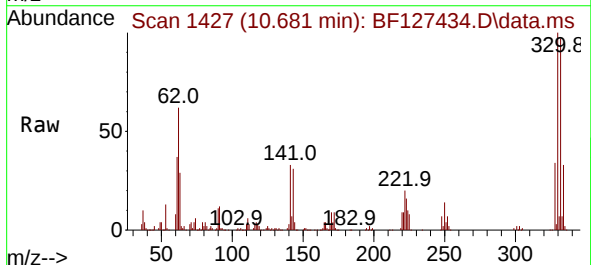
Instrument :
BNA_F
ClientSampleId :
C-8-7-8

Tgt Ion:164 Resp: 221376
Ion Ratio Lower Upper
164 100
162 99.7 81.2 121.8
160 43.0 34.6 52.0



#42
2,4,6-Tribromophenol
Concen: 136.785 ng
RT: 10.681 min Scan# 1427
Delta R.T. -0.006 min
Lab File: BF127434.D
Acq: 22 Mar 2022 04:42

Tgt Ion:330 Resp: 322569
Ion Ratio Lower Upper
330 100
332 97.7 79.1 118.7
141 31.9 26.2 39.4

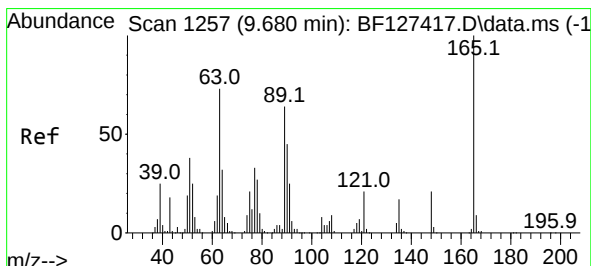
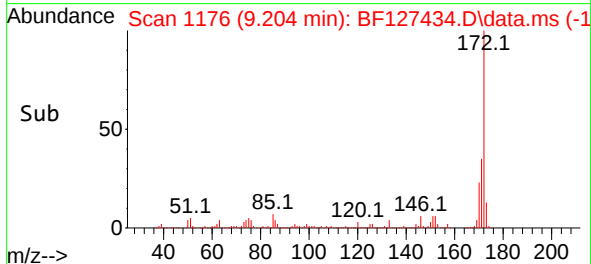
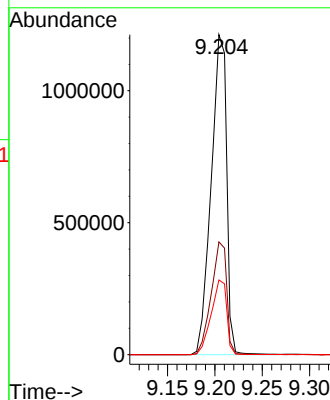
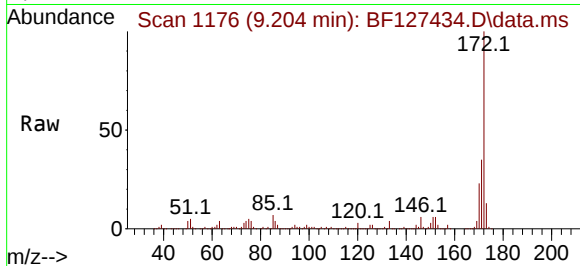




#45
2-Fluorobiphenyl
Concen: 90.979 ng
RT: 9.204 min Scan# 1177
Delta R.T. -0.006 min
Lab File: BF127434.D
Acq: 22 Mar 2022 04:42

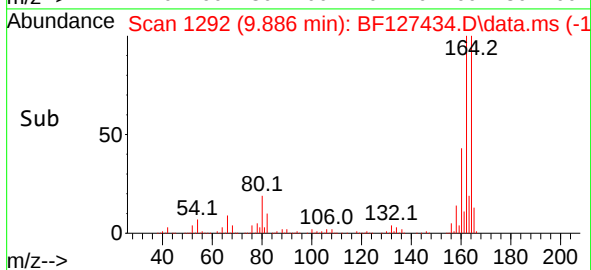
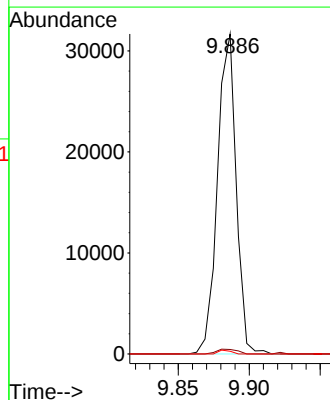
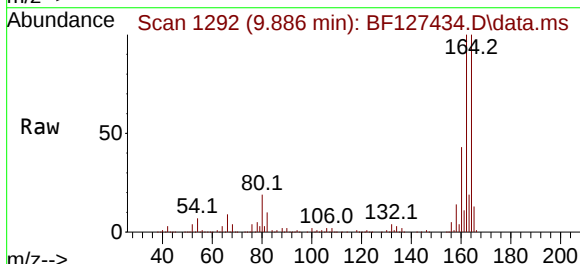
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ClientSampleId :
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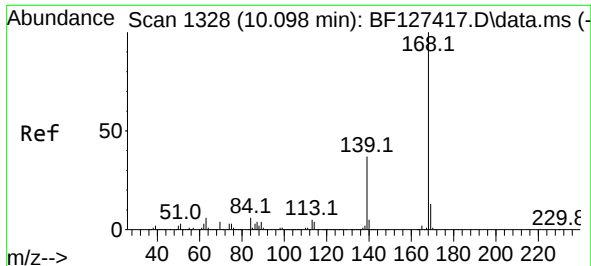
Tgt Ion:172 Resp: 1379265
Ion Ratio Lower Upper
172 100
171 35.2 28.4 42.6
170 23.4 18.6 27.8



#51
2,6-Dinitrotoluene
Concen: 8.943 ng
RT: 9.886 min Scan# 1292
Delta R.T. 0.206 min
Lab File: BF127434.D
Acq: 22 Mar 2022 04:42

Tgt Ion:165 Resp: 28910
Ion Ratio Lower Upper
165 100
63 1.4 58.3 87.5#
89 0.8 51.5 77.3#

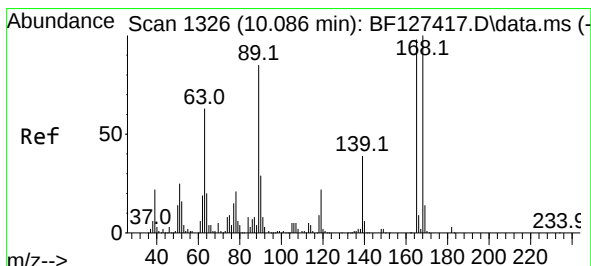
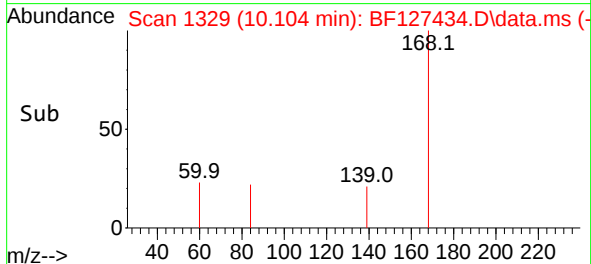
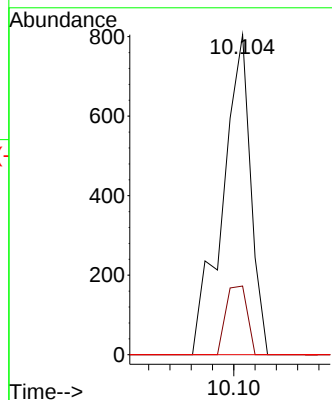
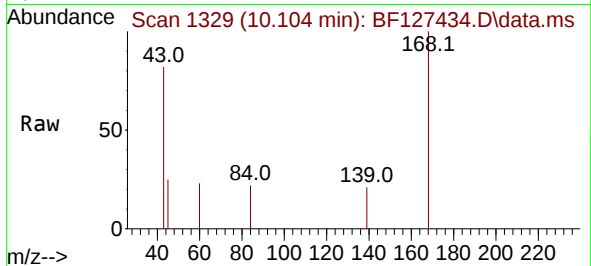




#55
Dibenzenofuran
Concen: Below Cal
RT: 10.104 min Scan# 111
Delta R.T. 0.006 min
Lab File: BF127434.D
Acq: 22 Mar 2022 04:42

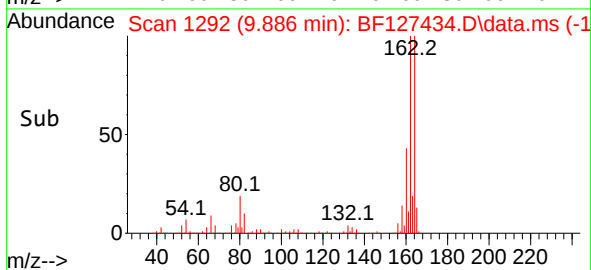
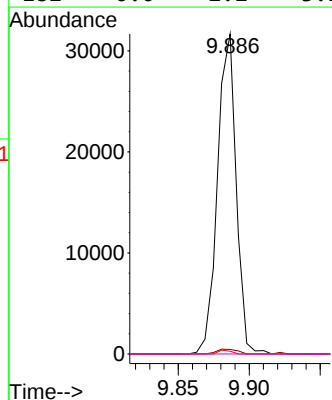
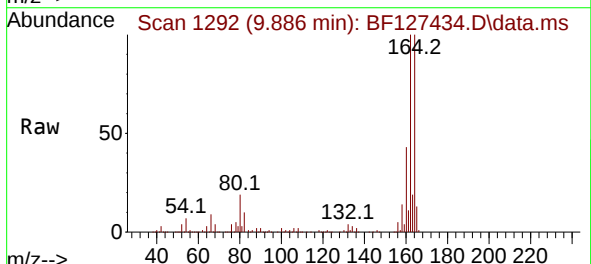
Instrument :
BNA_F
ClientSampleId :
C-8-7-8

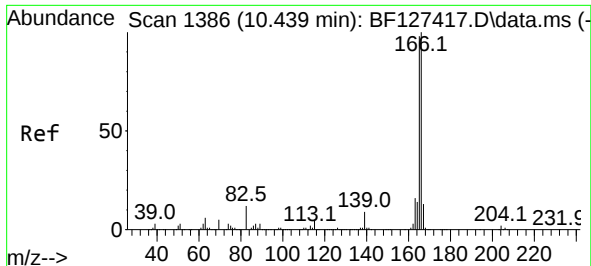
Tgt Ion:168 Resp: 739
Ion Ratio Lower Upper
168 100
139 21.5 30.3 45.5#
169 0.0 10.8 16.2#



#57
2,4-Dinitrotoluene
Concen: 6.948 ng
RT: 9.886 min Scan# 1292
Delta R.T. -0.200 min
Lab File: BF127434.D
Acq: 22 Mar 2022 04:42

Tgt Ion:165 Resp: 28910
Ion Ratio Lower Upper
165 100
63 1.4 53.1 79.7#
89 0.8 69.2 103.8#
182 0.0 2.2 3.2#

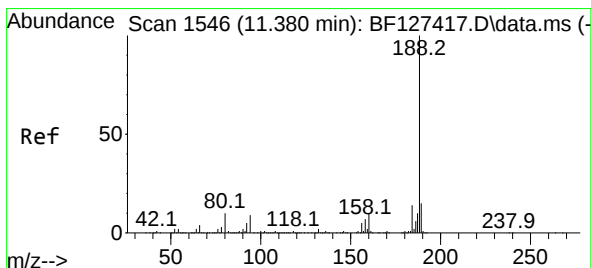
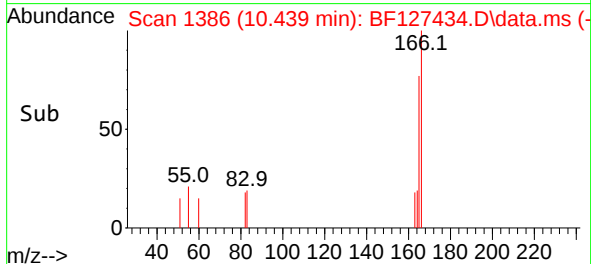
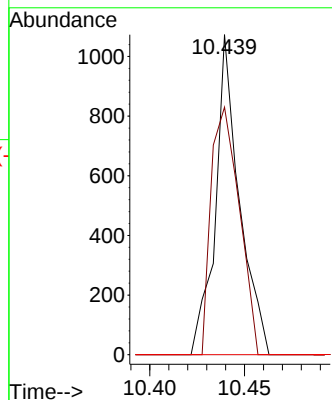
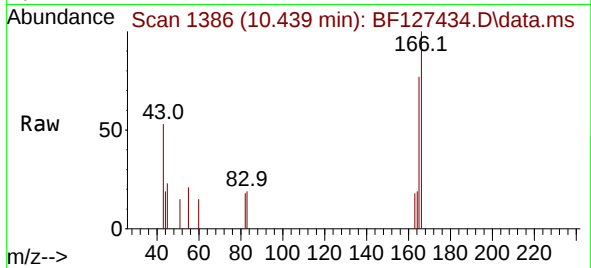




#58
Fluorene
Concen: Below Cal
RT: 10.439 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF127434.D
Acq: 22 Mar 2022 04:42

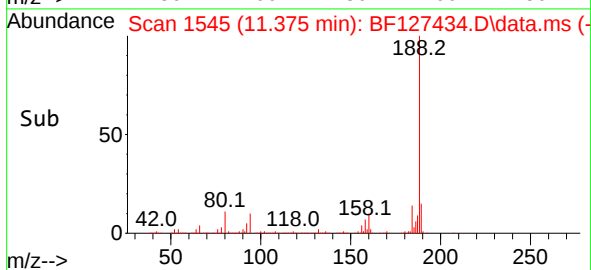
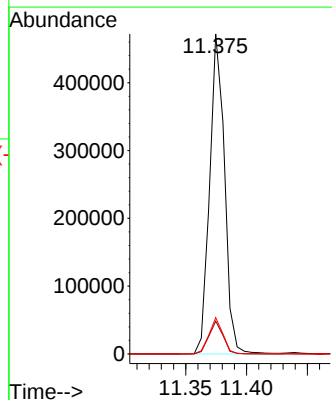
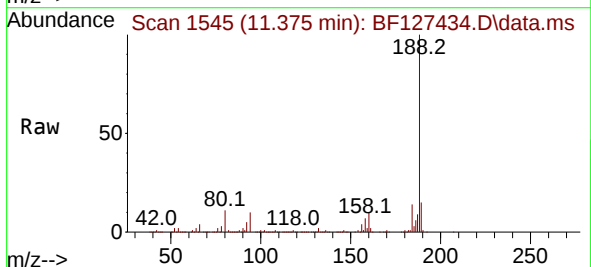
Instrument :
BNA_F
ClientSampleId :
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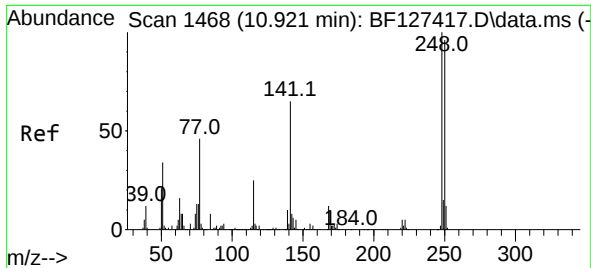
Tgt Ion:166 Resp: 944
Ion Ratio Lower Upper
166 100
165 77.4 78.1 117.1#
167 0.0 10.5 15.7#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.375 min Scan# 1545
Delta R.T. -0.005 min
Lab File: BF127434.D
Acq: 22 Mar 2022 04:42

Tgt Ion:188 Resp: 401405
Ion Ratio Lower Upper
188 100
94 10.3 7.4 11.0
80 11.4 8.0 12.0

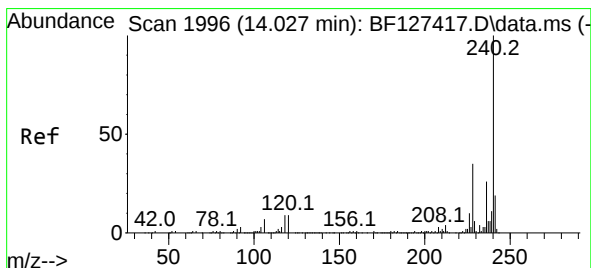
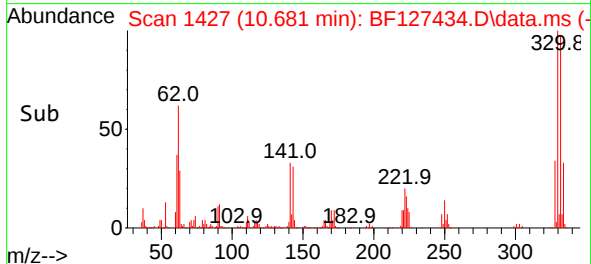
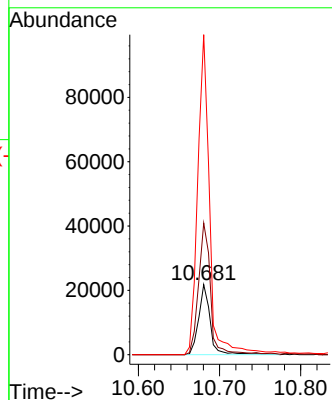
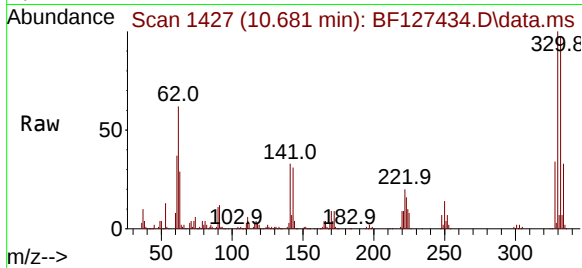




#67
4-Bromophenyl-phenylether
Concen: 4.616 ng
RT: 10.681 min Scan# 1468
Delta R.T. -0.241 min
Lab File: BF127434.D
Acq: 22 Mar 2022 04:42

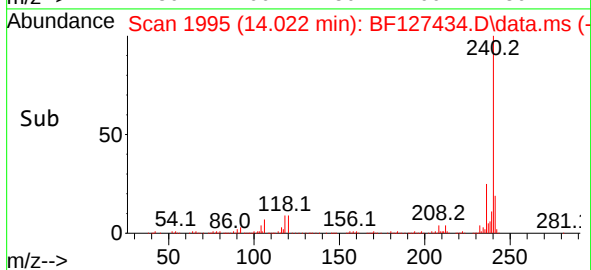
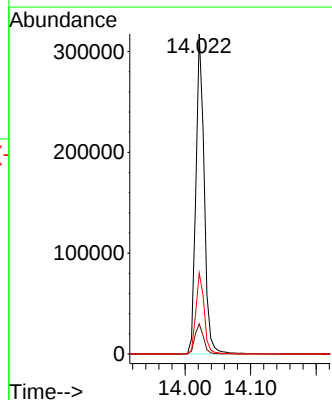
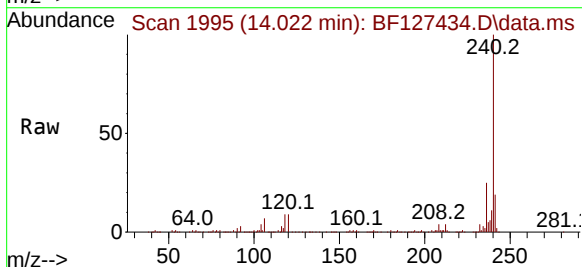
Instrument :
BNA_F
ClientSampleId :
C-8-7-8

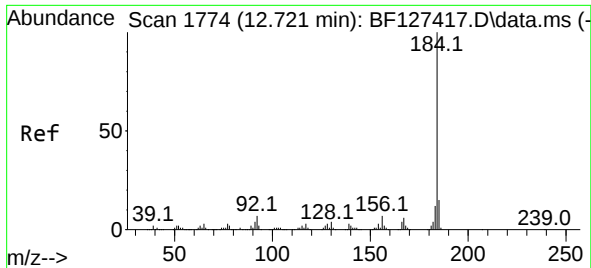
Tgt Ion:248 Resp: 21635
Ion Ratio Lower Upper
248 100
250 187.6 76.6 115.0#
141 456.1 52.2 78.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.022 min Scan# 1995
Delta R.T. -0.006 min
Lab File: BF127434.D
Acq: 22 Mar 2022 04:42

Tgt Ion:240 Resp: 280639
Ion Ratio Lower Upper
240 100
120 9.4 7.1 10.7
236 25.3 20.7 31.1

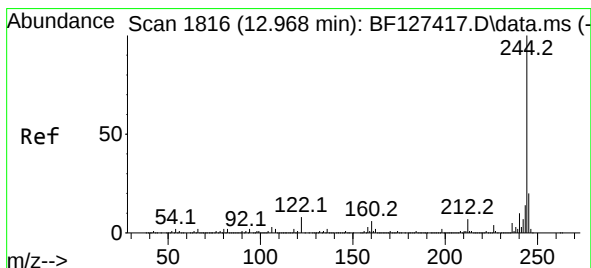
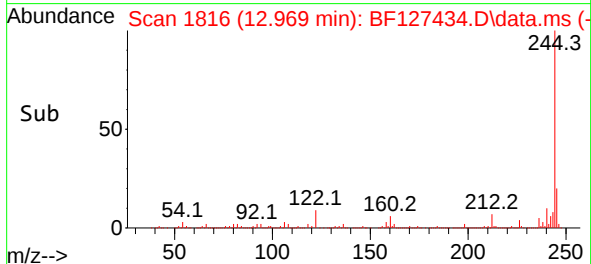
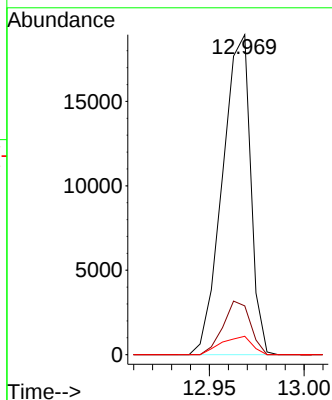
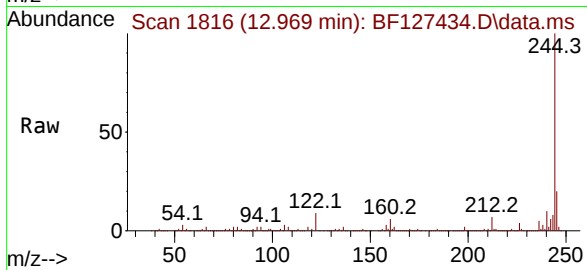




#77
Benzidine
Concen: 2.927 ng
RT: 12.969 min Scan# 1816
Delta R.T. 0.247 min
Lab File: BF127434.D
Acq: 22 Mar 2022 04:42

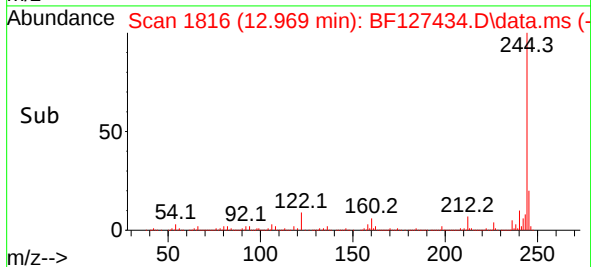
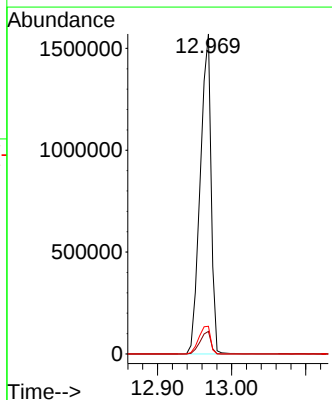
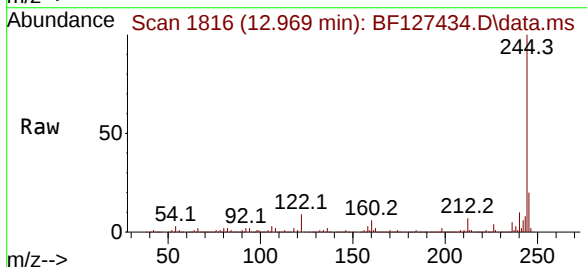
Instrument :
BNA_F
ClientSampleId :
C-8-7-8

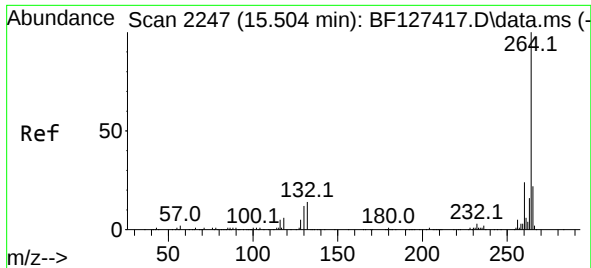
Tgt Ion:184 Resp: 19589
Ion Ratio Lower Upper
184 100
185 15.3 12.2 18.2
183 5.7 9.4 14.0#



#79
Terphenyl-d14
Concen: 93.007 ng
RT: 12.969 min Scan# 1816
Delta R.T. 0.000 min
Lab File: BF127434.D
Acq: 22 Mar 2022 04:42

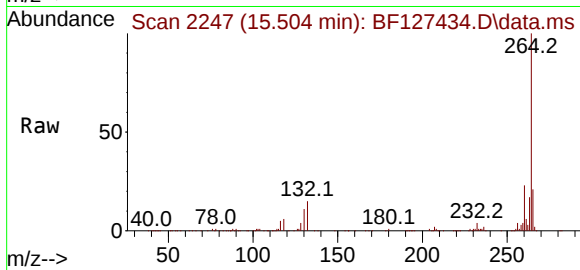
Tgt Ion:244 Resp: 1594442
Ion Ratio Lower Upper
244 100
212 7.1 5.7 8.5
122 8.7 6.2 9.2





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.504 min Scan# 21
Delta R.T. 0.000 min
Lab File: BF127434.D
Acq: 22 Mar 2022 04:42

Instrument :
BNA_F
ClientSampleId :
C-8-7-8



Tgt Ion:264 Resp: 195185

Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.1	28.7
265	20.9	17.4	26.2

