

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032122\
 Data File : BF127427.D
 Acq On : 22 Mar 2022 01:21
 Operator : CG\JU
 Sample : N1958-16
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 C-1-0-1

Quant Time: Mar 22 05:06:52 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)

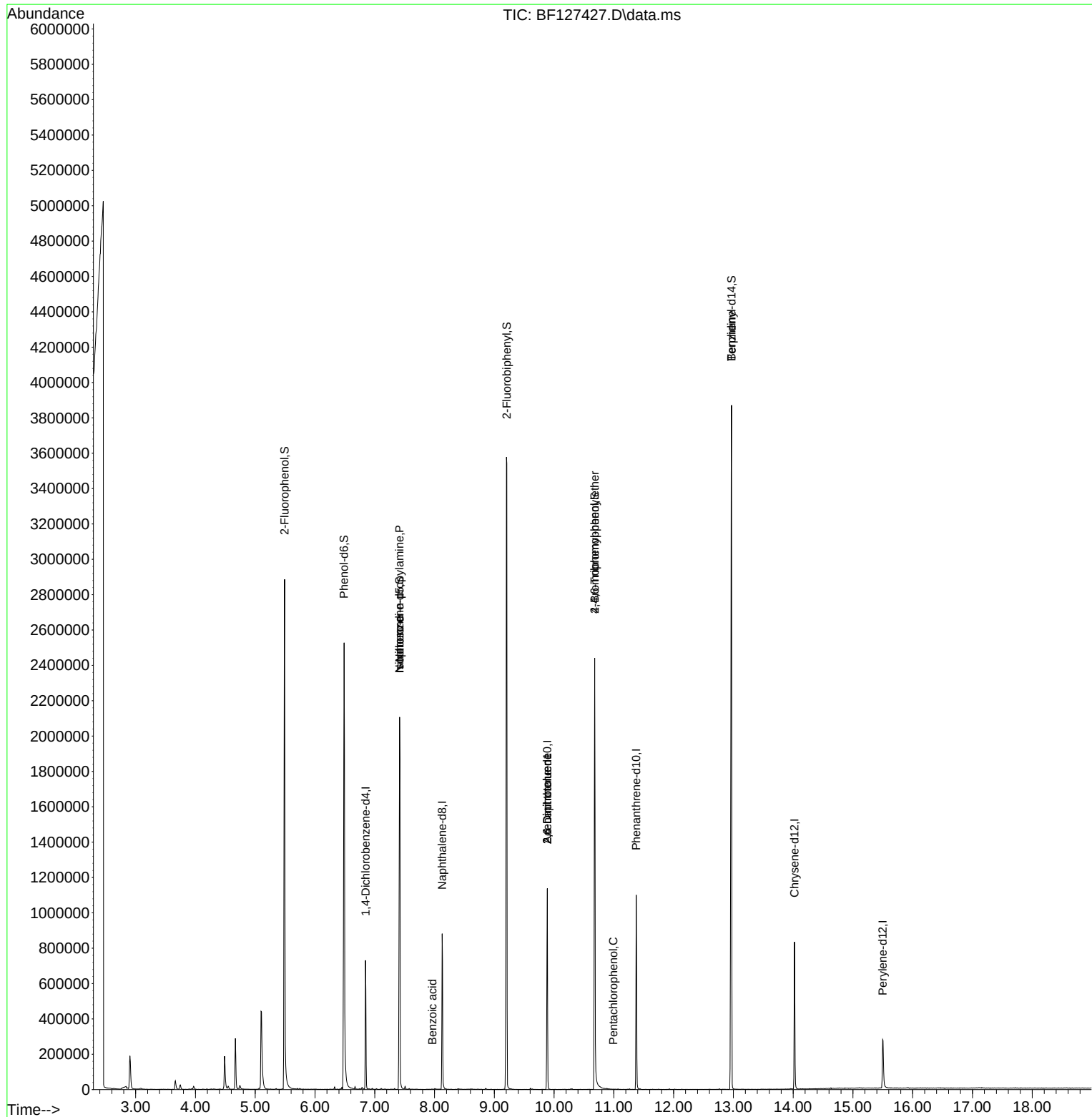
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.845	152	99818	20.000	ng	0.00
21) Naphthalene-d8	8.128	136	364756	20.000	ng	0.00
39) Acenaphthene-d10	9.886	164	212117	20.000	ng	0.00
64) Phenanthrene-d10	11.375	188	388223	20.000	ng	0.00
76) Chrysene-d12	14.021	240	277883	20.000	ng	0.00
86) Perylene-d12	15.498	264	134389	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	762963	122.008	ng	0.02
7) Phenol-d6	6.487	99	988867	115.685	ng	0.00
23) Nitrobenzene-d5	7.416	82	776772	91.030	ng	0.00
42) 2,4,6-Tribromophenol	10.680	330	324176	143.467	ng	0.00
45) 2-Fluorobiphenyl	9.210	172	1297094	89.293	ng	0.00
79) Terphenyl-d14	12.969	244	1517978	89.425	ng	0.00
Target Compounds						
					Qvalue	
9) Benzaldehyde	6.445	77	931	Below Cal	#	11
19) n-Nitroso-di-n-propyla...	7.416	70	107065	20.896	ng	# 83
25) Isophorone	7.416	82	776766	57.154	ng	# 70
32) Benzoic acid	7.963	122	474	6.183	ng	# 16
51) 2,6-Dinitrotoluene	9.886	165	27335	8.825	ng	# 17
55) Dibenzofuran	10.104	168	190	Below Cal	#	45
57) 2,4-Dinitrotoluene	9.886	165	27335	6.856	ng	# 14
58) Fluorene	10.680	166	11266	Below Cal	#	87
67) 4-Bromophenyl-phenylether	10.680	248	20008	4.414	ng	# 1
70) Pentachlorophenol	10.992	266	77	6.779	ng	# 20
77) Benzidine	12.969	184	18862	2.847	ng	# 96

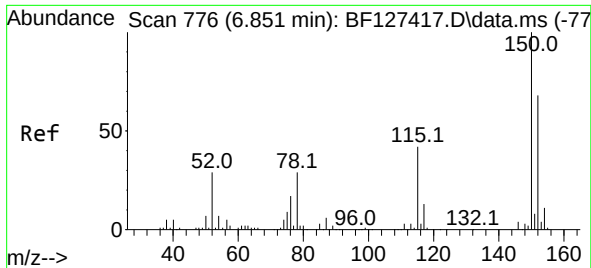
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032122\
Data File : BF127427.D
Acq On : 22 Mar 2022 01:21
Operator : CG\JU
Sample : N1958-16
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
C-1-0-1

Quant Time: Mar 22 05:06:52 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

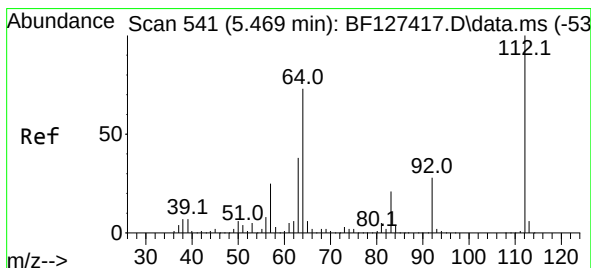
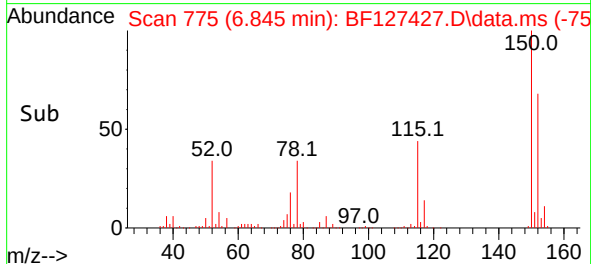
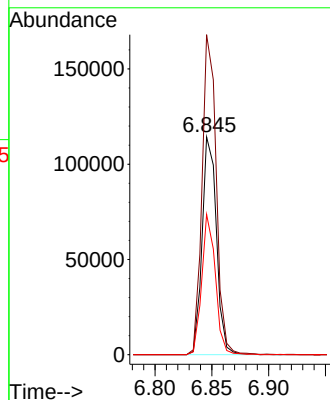
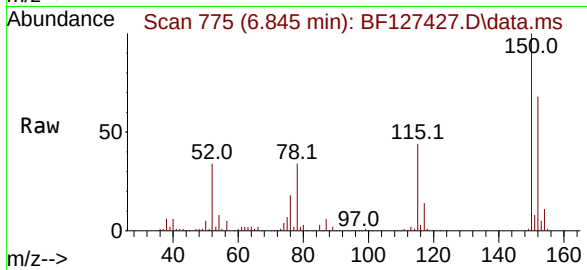




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.845 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF127427.D
Acq: 22 Mar 2022 01:21

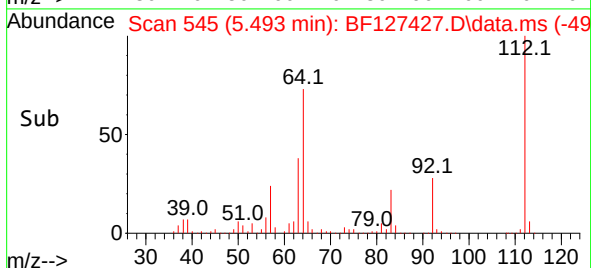
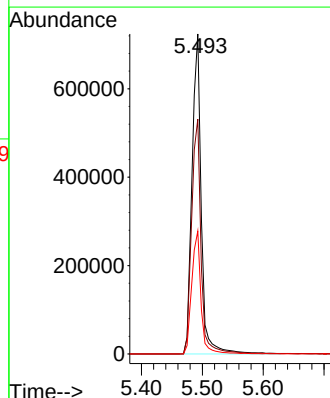
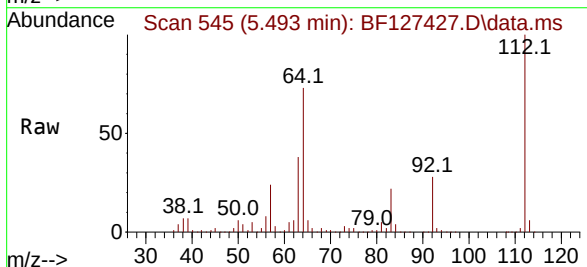
Instrument :
BNA_F
ClientSampleId :
C-1-0-1

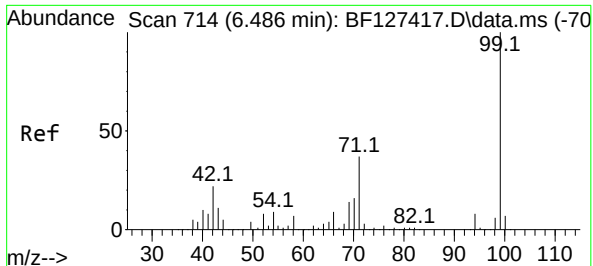
Tgt Ion:152 Resp: 99818
Ion Ratio Lower Upper
152 100
150 146.9 117.2 175.8
115 64.4 49.8 74.6



#5
2-Fluorophenol
Concen: 122.008 ng
RT: 5.493 min Scan# 545
Delta R.T. 0.024 min
Lab File: BF127427.D
Acq: 22 Mar 2022 01:21

Tgt Ion:112 Resp: 762963
Ion Ratio Lower Upper
112 100
64 73.4 58.4 87.6
63 38.4 30.1 45.1

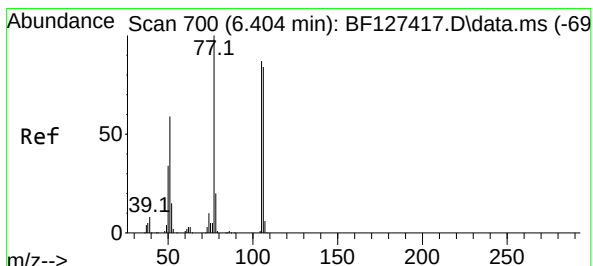
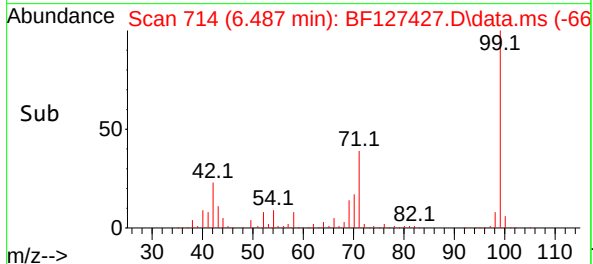
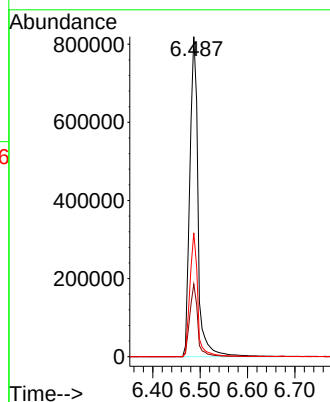
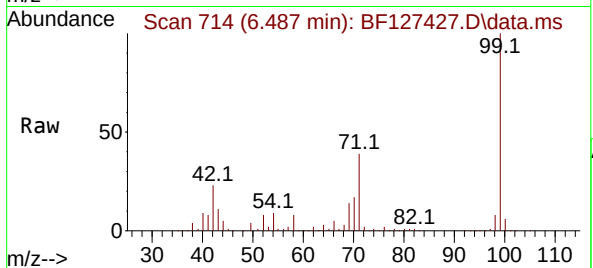




#7
Phenol-d6
Concen: 115.685 ng
RT: 6.487 min Scan# 714
Delta R.T. 0.000 min
Lab File: BF127427.D
Acq: 22 Mar 2022 01:21

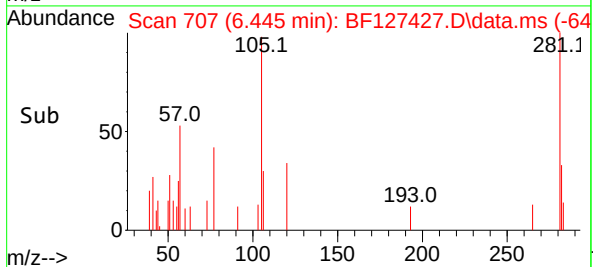
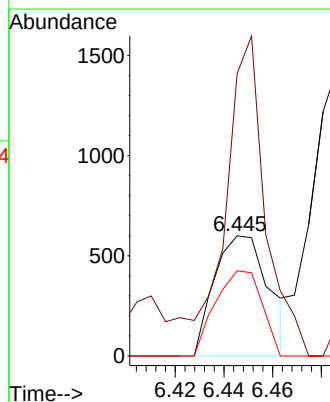
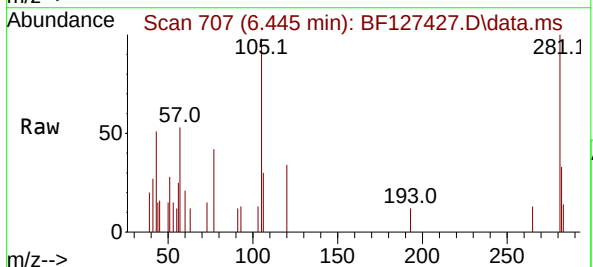
Instrument :
BNA_F
ClientSampleId :
C-1-0-1

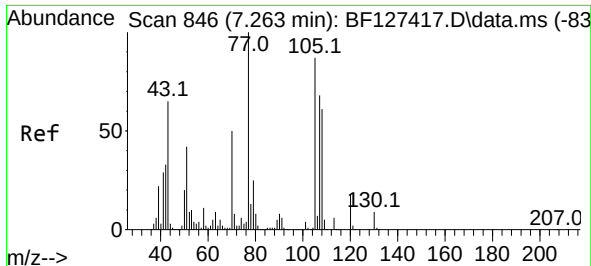
Tgt Ion: 99 Resp: 988867
Ion Ratio Lower Upper
99 100
42 22.7 17.8 26.6
71 38.7 29.6 44.4



#9
Benzaldehyde
Concen: Below Cal
RT: 6.445 min Scan# 707
Delta R.T. 0.041 min
Lab File: BF127427.D
Acq: 22 Mar 2022 01:21

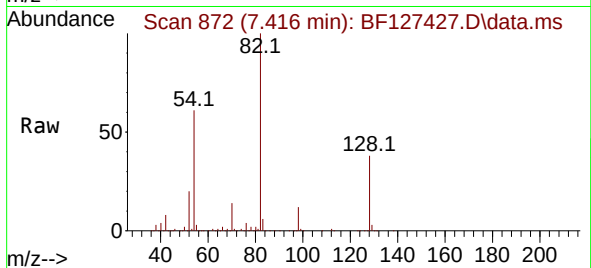
Tgt Ion: 77 Resp: 931
Ion Ratio Lower Upper
77 100
105 234.8 66.8 106.8#
106 70.8 64.3 104.3



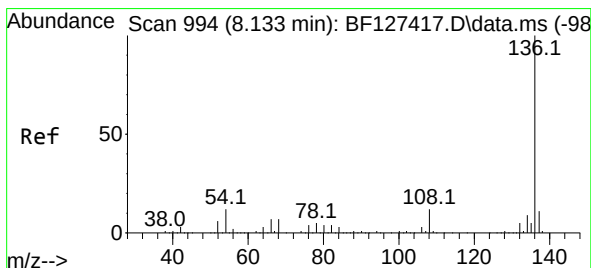
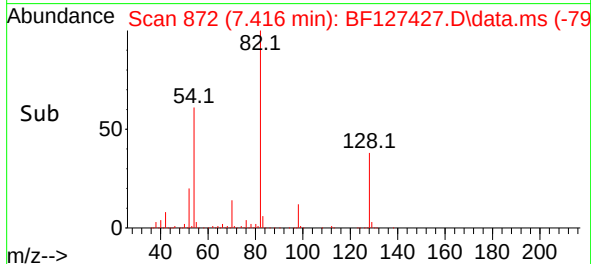
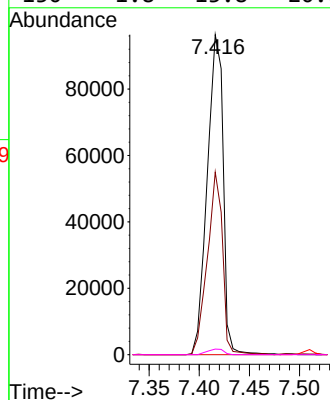


#19
n-Nitroso-di-n-propylamine
Concen: 20.896 ng
RT: 7.416 min Scan# 81
Delta R.T. 0.153 min
Lab File: BF127427.D
Acq: 22 Mar 2022 01:21

Instrument :
BNA_F
ClientSampleId :
C-1-0-1

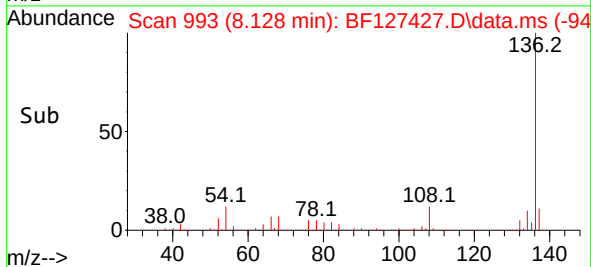
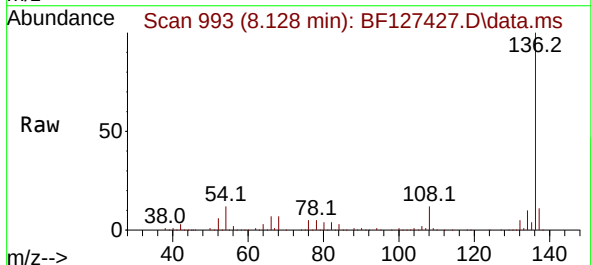
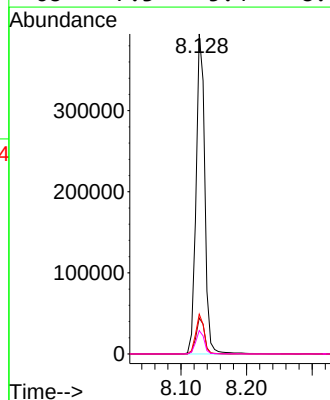


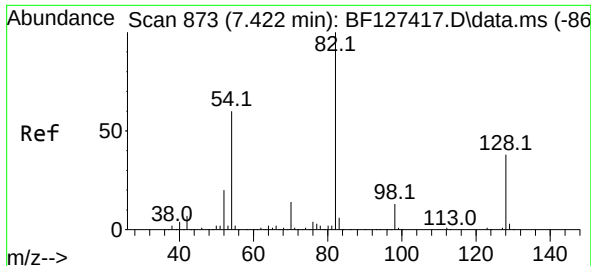
Tgt Ion: 70 Resp: 107065
Ion Ratio Lower Upper
70 100
42 57.1 53.0 79.6
101 0.0 6.8 10.2#
130 1.8 13.8 20.6#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.128 min Scan# 993
Delta R.T. -0.006 min
Lab File: BF127427.D
Acq: 22 Mar 2022 01:21

Tgt Ion: 136 Resp: 364756
Ion Ratio Lower Upper
136 100
137 11.2 8.6 13.0
54 12.4 9.2 13.8
68 7.3 5.4 8.0

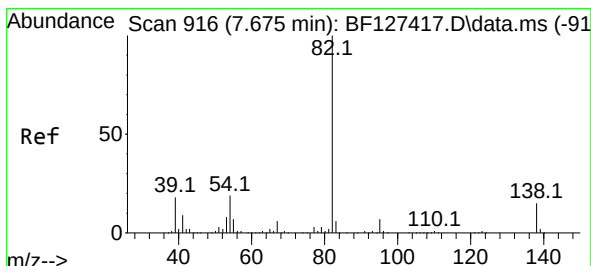
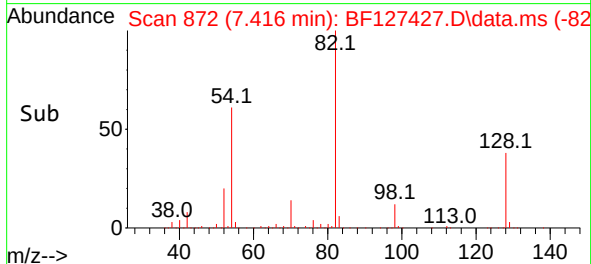
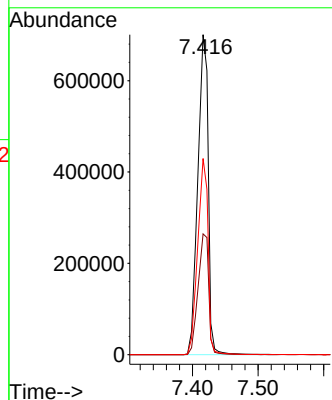
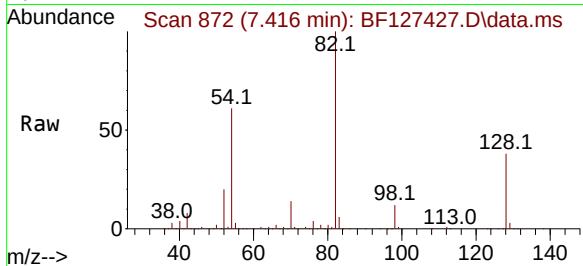




#23
Nitrobenzene-d5
Concen: 91.030 ng
RT: 7.416 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF127427.D
Acq: 22 Mar 2022 01:21

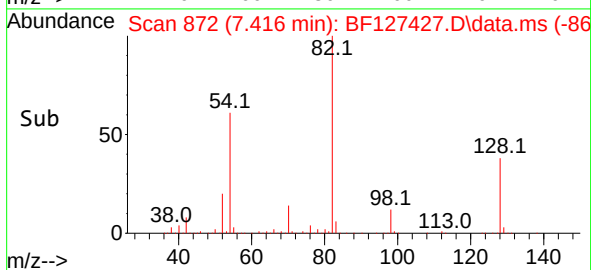
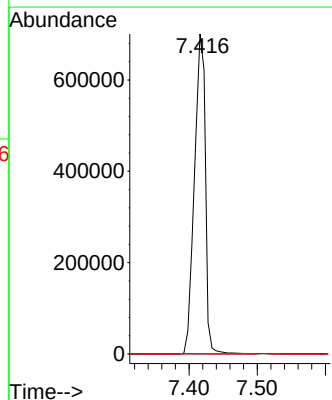
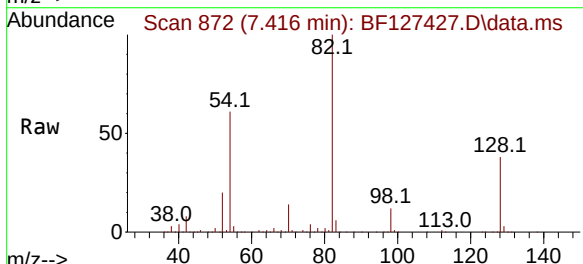
Instrument :
BNA_F
ClientSampleId :
C-1-0-1

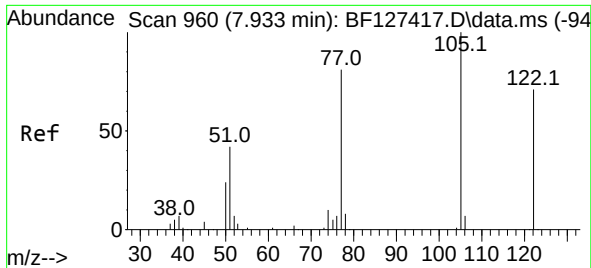
Tgt Ion: 82 Resp: 776772
Ion Ratio Lower Upper
82 100
128 37.8 30.6 45.8
54 61.3 48.2 72.2



#25
Isophorone
Concen: 57.154 ng
RT: 7.416 min Scan# 872
Delta R.T. -0.259 min
Lab File: BF127427.D
Acq: 22 Mar 2022 01:21

Tgt Ion: 82 Resp: 776766
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.8#
138 0.0 11.6 17.4#

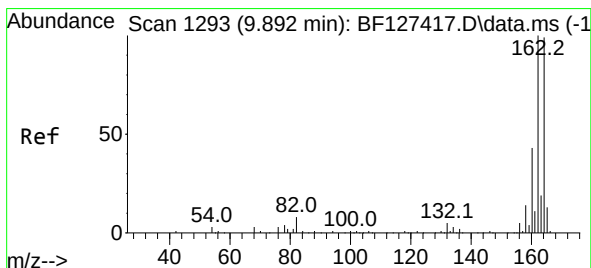
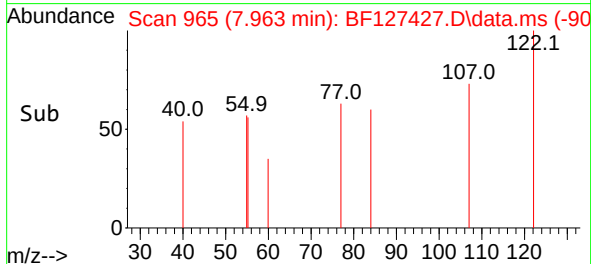
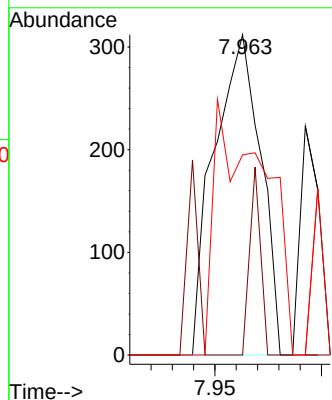
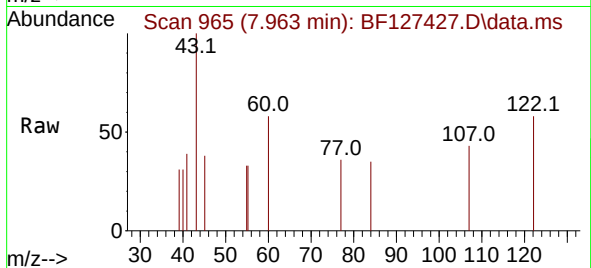




#32
Benzoic acid
Concen: 6.183 ng
RT: 7.963 min Scan# 90
Delta R.T. 0.030 min
Lab File: BF127427.D
Acq: 22 Mar 2022 01:21

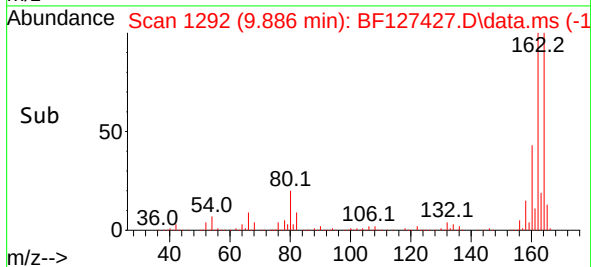
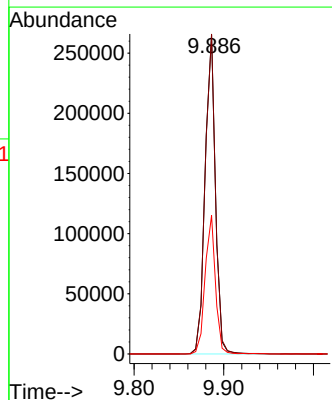
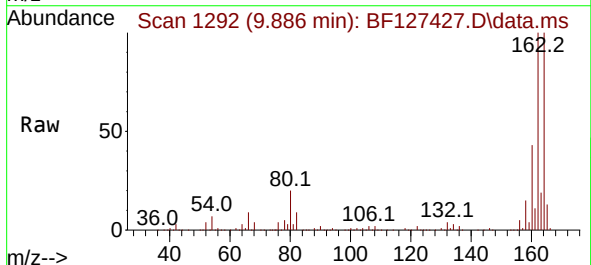
Instrument :
BNA_F
ClientSampleId :
C-1-0-1

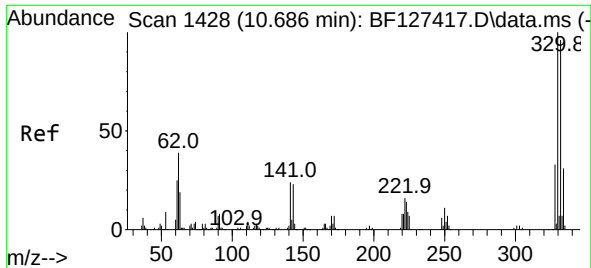
Tgt Ion:122 Resp: 474
Ion Ratio Lower Upper
122 100
105 0.0 117.1 157.1#
77 62.5 93.0 133.0#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.886 min Scan# 1292
Delta R.T. -0.006 min
Lab File: BF127427.D
Acq: 22 Mar 2022 01:21

Tgt Ion:164 Resp: 212117
Ion Ratio Lower Upper
164 100
162 100.3 81.2 121.8
160 43.4 34.6 52.0





#42

2,4,6-Tribromophenol

Concen: 143.467 ng

RT: 10.680 min Scan# 1428

Delta R.T. -0.006 min

Lab File: BF127427.D

Acq: 22 Mar 2022 01:21

Instrument :

BNA_F

ClientSampleId :

C-1-0-1

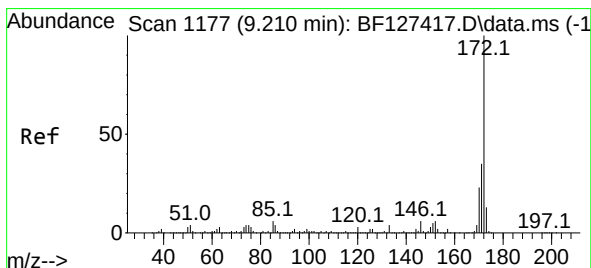
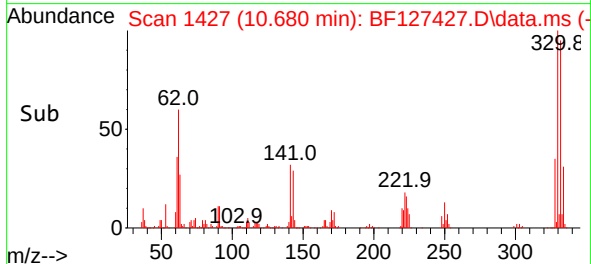
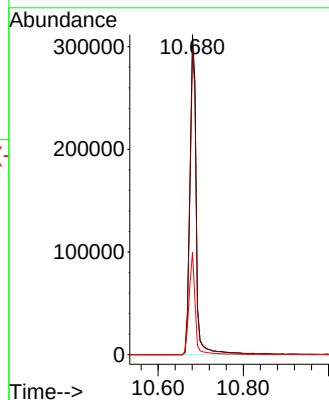
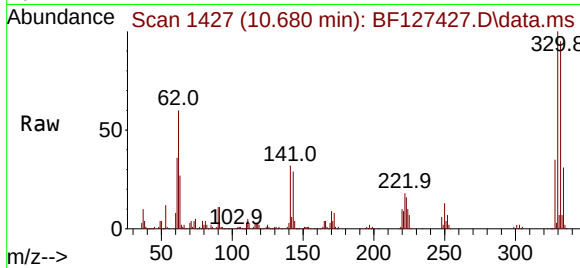
Tgt Ion:330 Resp: 324176

Ion Ratio Lower Upper

330 100

332 95.0 79.1 118.7

141 30.5 26.2 39.4



#45

2-Fluorobiphenyl

Concen: 89.293 ng

RT: 9.210 min Scan# 1177

Delta R.T. 0.000 min

Lab File: BF127427.D

Acq: 22 Mar 2022 01:21

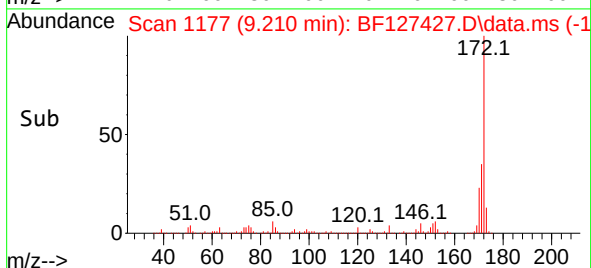
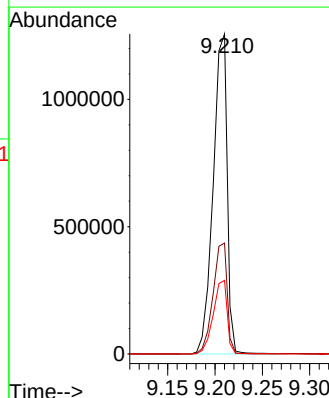
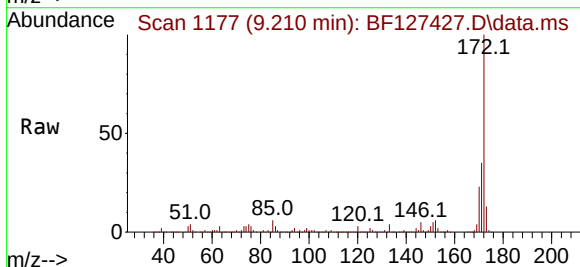
Tgt Ion:172 Resp: 1297094

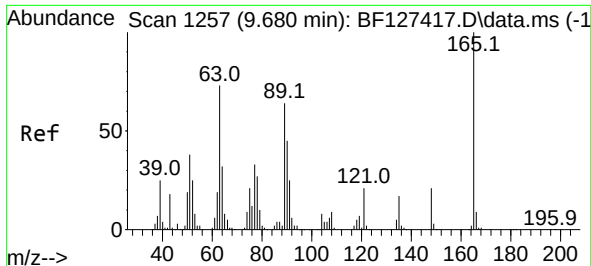
Ion Ratio Lower Upper

172 100

171 34.6 28.4 42.6

170 23.0 18.6 27.8

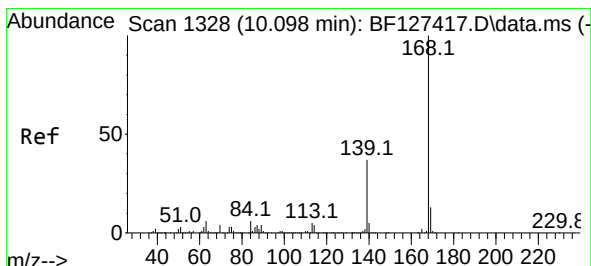
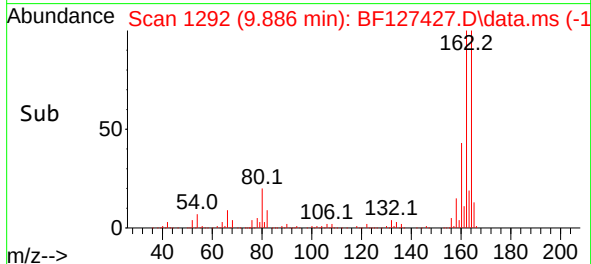
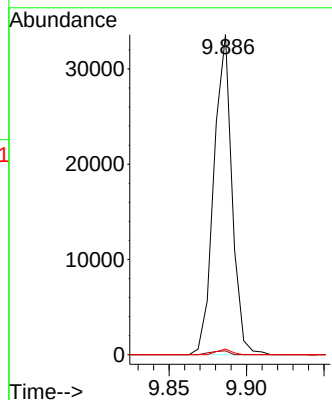
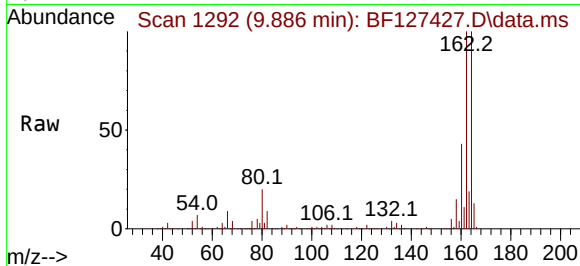




#51
2,6-Dinitrotoluene
Concen: 8.825 ng
RT: 9.886 min Scan# 11
Delta R.T. 0.206 min
Lab File: BF127427.D
Acq: 22 Mar 2022 01:21

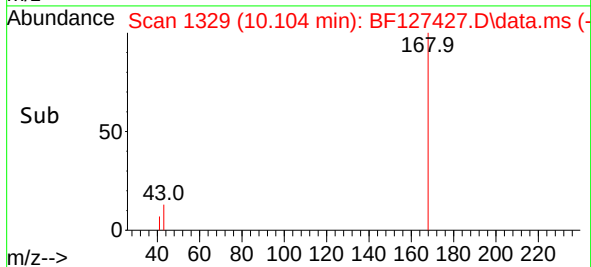
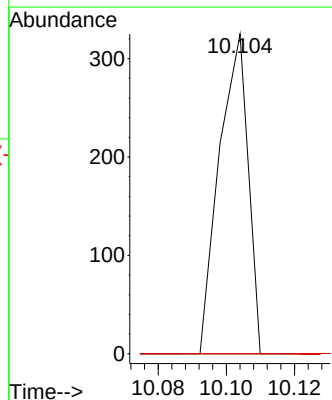
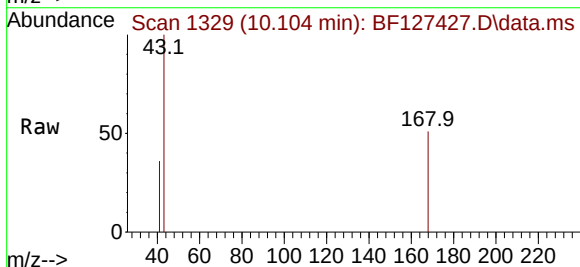
Instrument :
BNA_F
ClientSampleId :
C-1-0-1

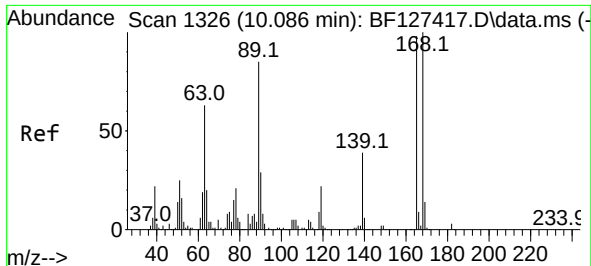
Tgt Ion:165 Resp: 27335
Ion Ratio Lower Upper
165 100
63 1.2 58.3 87.5#
89 1.7 51.5 77.3#



#55
Dibenzofuran
Concen: Below Cal
RT: 10.104 min Scan# 1329
Delta R.T. 0.006 min
Lab File: BF127427.D
Acq: 22 Mar 2022 01:21

Tgt Ion:168 Resp: 190
Ion Ratio Lower Upper
168 100
139 0.0 30.3 45.5#
169 0.0 10.8 16.2#

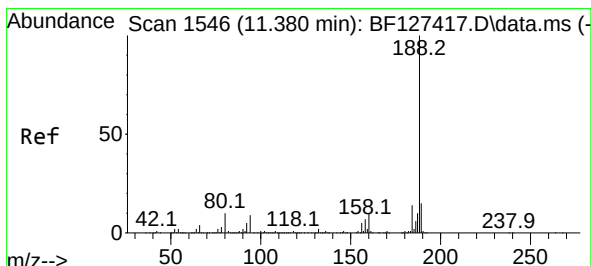
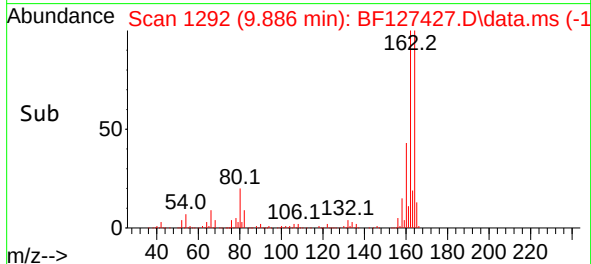
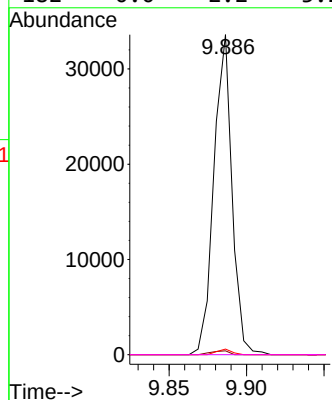
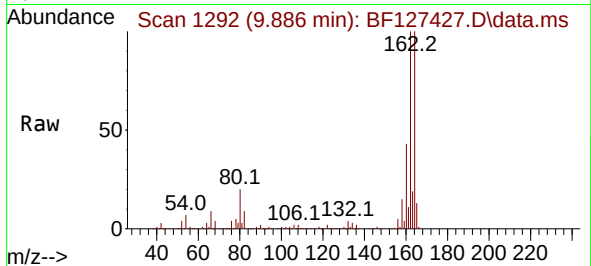




#57
2,4-Dinitrotoluene
Concen: 6.856 ng
RT: 9.886 min Scan# 11
Delta R.T. -0.200 min
Lab File: BF127427.D
Acq: 22 Mar 2022 01:21

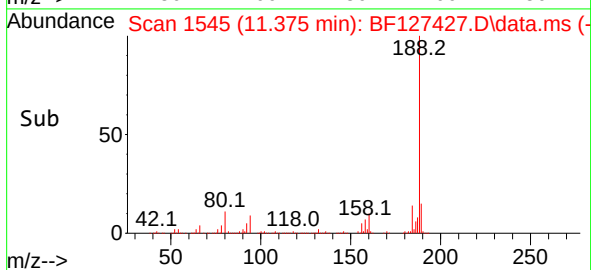
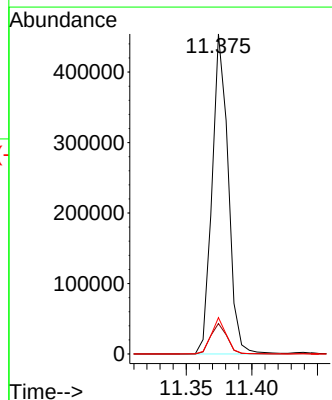
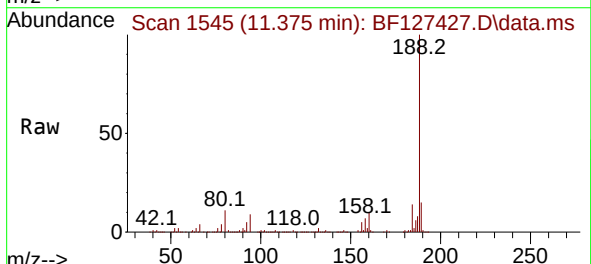
Instrument :
BNA_F
ClientSampleId :
C-1-0-1

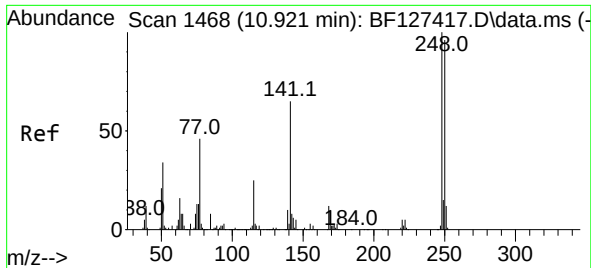
Tgt Ion:165 Resp: 27335
Ion Ratio Lower Upper
165 100
63 1.2 53.1 79.7#
89 1.7 69.2 103.8#
182 0.0 2.2 3.2#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.375 min Scan# 1545
Delta R.T. -0.005 min
Lab File: BF127427.D
Acq: 22 Mar 2022 01:21

Tgt Ion:188 Resp: 388223
Ion Ratio Lower Upper
188 100
94 9.5 7.4 11.0
80 11.4 8.0 12.0

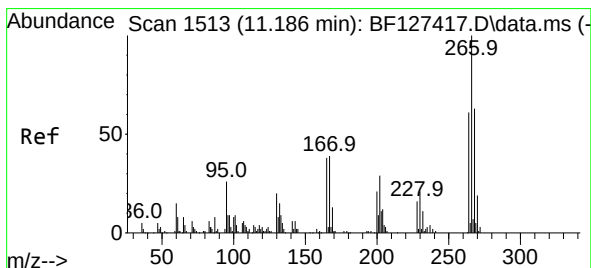
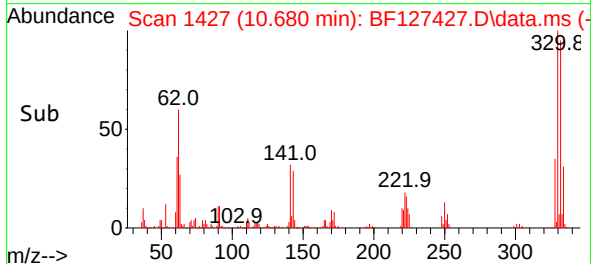
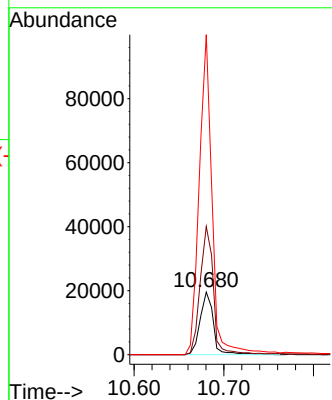
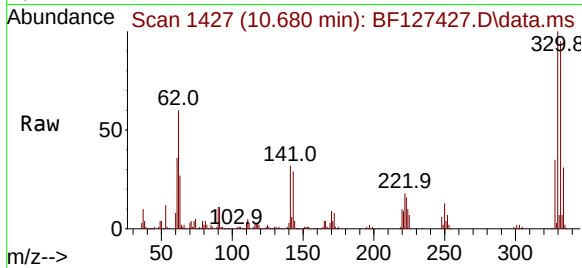




#67
4-Bromophenyl-phenylether
Concen: 4.414 ng
RT: 10.680 min Scan# 1468
Delta R.T. -0.241 min
Lab File: BF127427.D
Acq: 22 Mar 2022 01:21

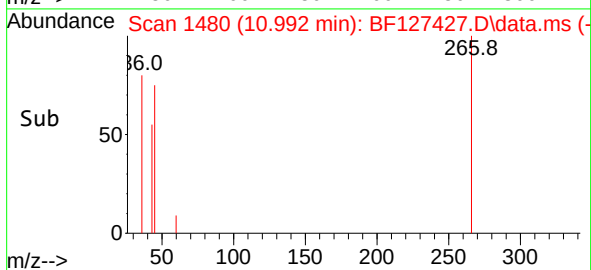
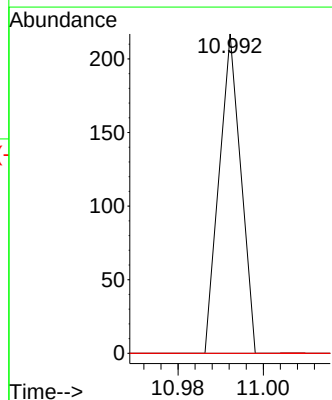
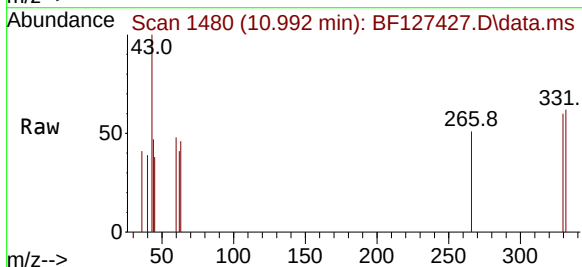
Instrument :
BNA_F
ClientSampleId :
C-1-0-1

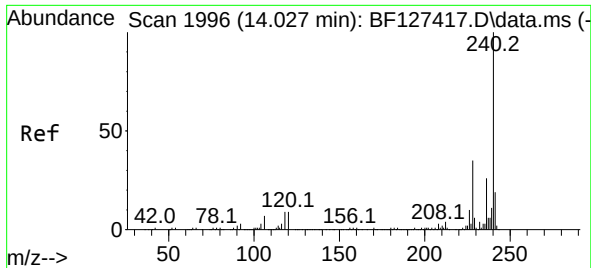
Tgt Ion:248 Resp: 20008
Ion Ratio Lower Upper
248 100
250 205.0 76.6 115.0#
141 511.5 52.2 78.2#



#70
Pentachlorophenol
Concen: 6.779 ng
RT: 10.992 min Scan# 1480
Delta R.T. -0.194 min
Lab File: BF127427.D
Acq: 22 Mar 2022 01:21

Tgt Ion:266 Resp: 77
Ion Ratio Lower Upper
266 100
268 0.0 50.4 75.6#
264 0.0 48.5 72.7#

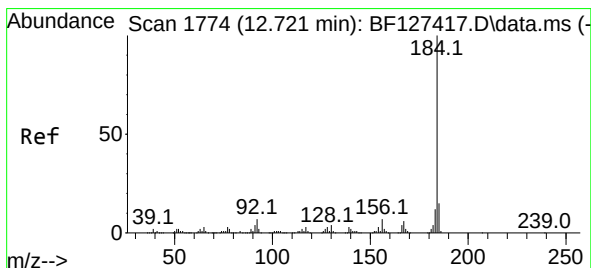
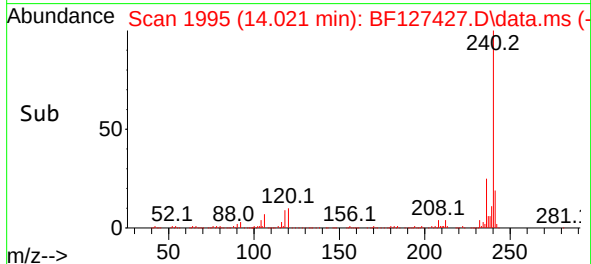
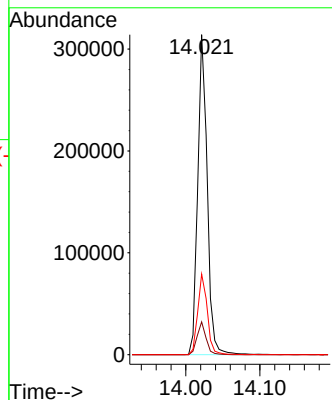
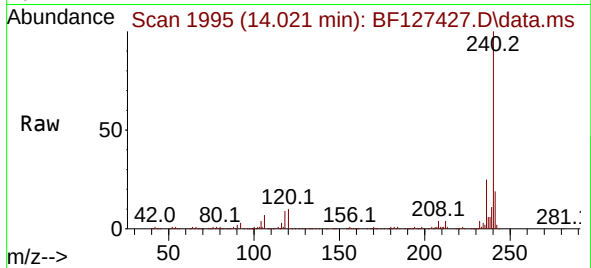




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.021 min Scan# 1816
Delta R.T. -0.006 min
Lab File: BF127427.D
Acq: 22 Mar 2022 01:21

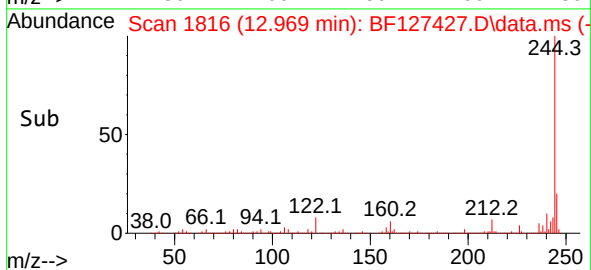
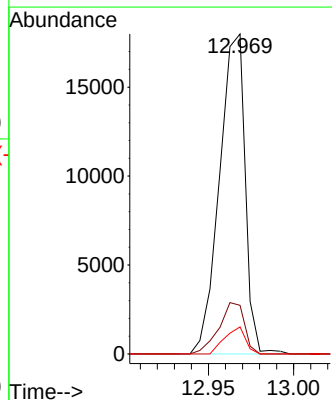
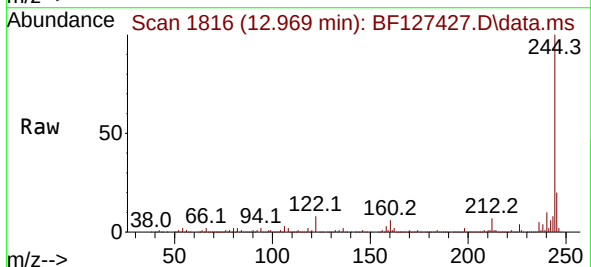
Instrument :
BNA_F
ClientSampleId :
C-1-0-1

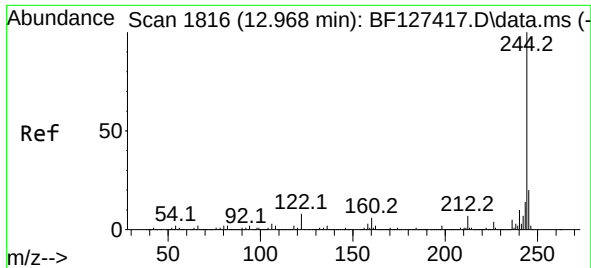
Tgt Ion:240 Resp: 277883
Ion Ratio Lower Upper
240 100
120 10.2 7.1 10.7
236 25.2 20.7 31.1



#77
Benzidine
Concen: 2.847 ng
RT: 12.969 min Scan# 1816
Delta R.T. 0.247 min
Lab File: BF127427.D
Acq: 22 Mar 2022 01:21

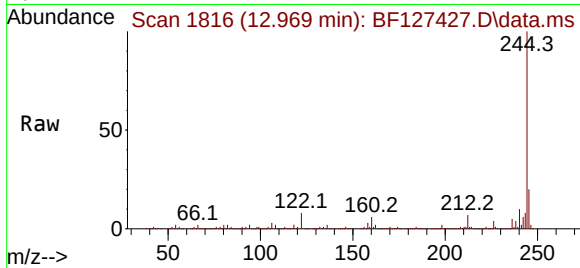
Tgt Ion:184 Resp: 18862
Ion Ratio Lower Upper
184 100
185 15.2 12.2 18.2
183 8.5 9.4 14.0#



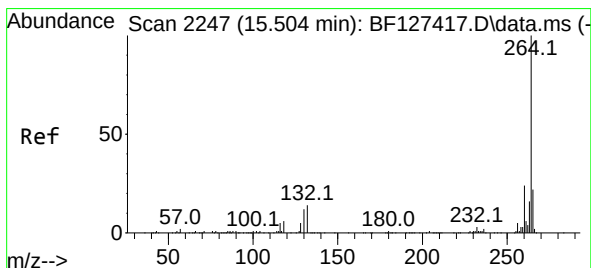
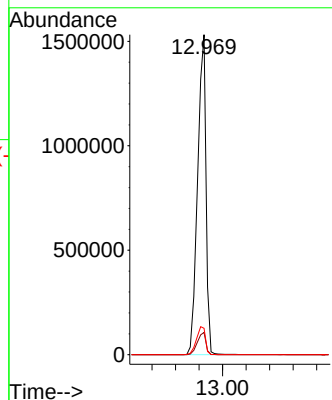
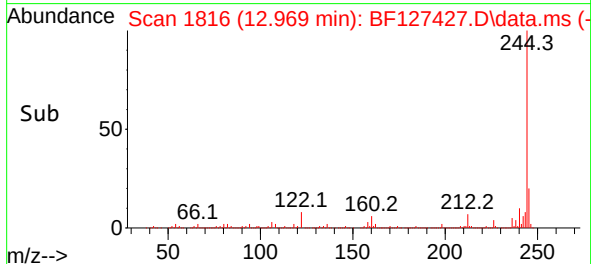


#79
 Terphenyl-d14
 Concen: 89.425 ng
 RT: 12.969 min Scan# 1816
 Delta R.T. 0.000 min
 Lab File: BF127427.D
 Acq: 22 Mar 2022 01:21

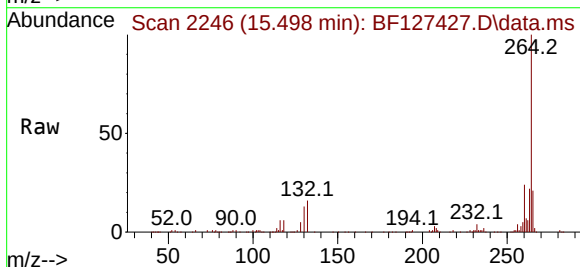
Instrument :
 BNA_F
 ClientSampleId :
 C-1-0-1



Tgt Ion:244 Resp: 1517978
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.7 8.5
 122 8.2 6.2 9.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.498 min Scan# 2246
 Delta R.T. -0.006 min
 Lab File: BF127427.D
 Acq: 22 Mar 2022 01:21



Tgt Ion:264 Resp: 134389
 Ion Ratio Lower Upper
 264 100
 260 23.9 19.1 28.7
 265 20.7 17.4 26.2

