

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032122\
 Data File : BF127430.D
 Acq On : 22 Mar 2022 02:47
 Operator : CG\JU
 Sample : N1958-18
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 C-3-2-3

Quant Time: Mar 22 05:07:20 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)

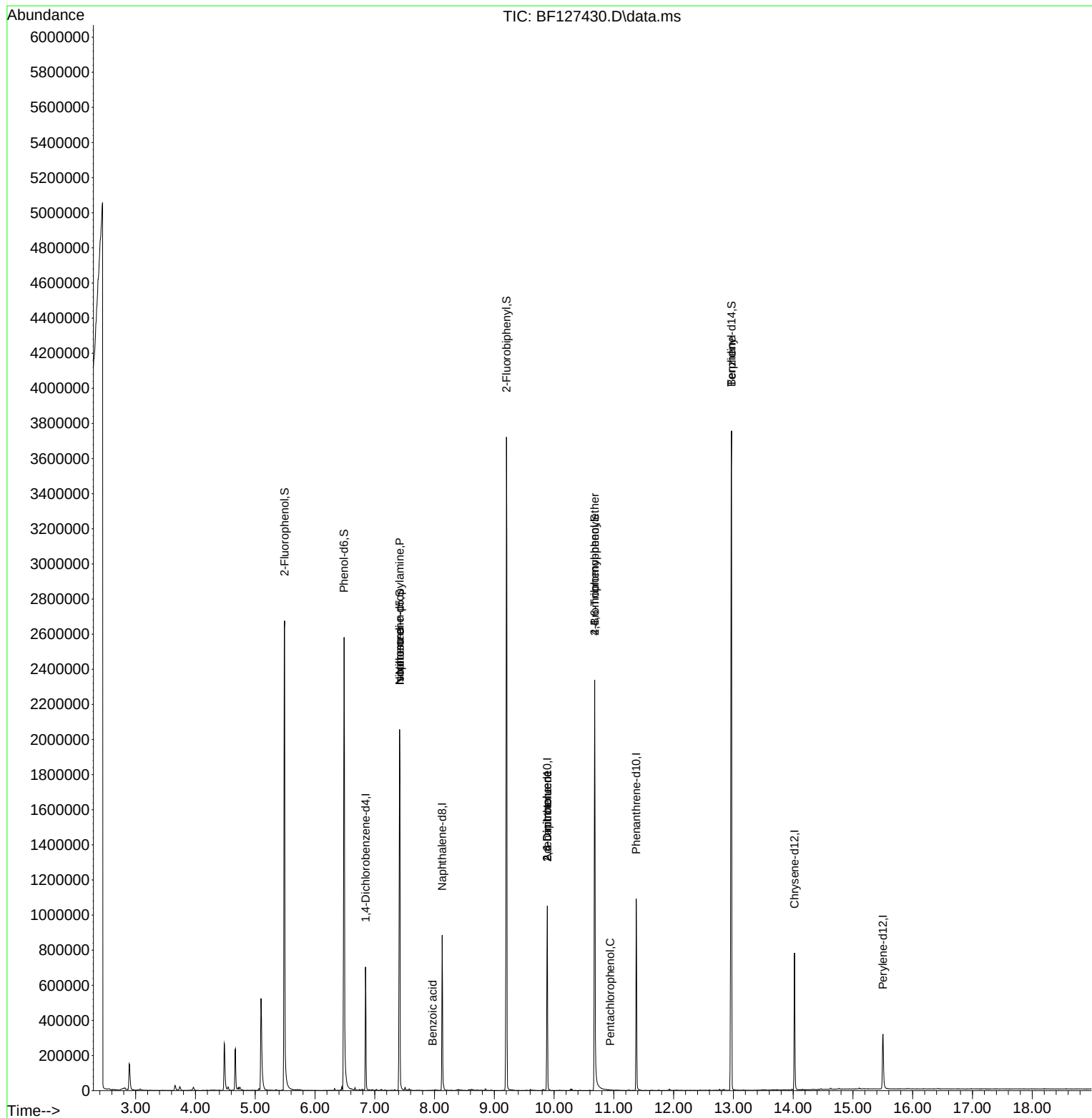
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.845	152	95140	20.000	ng	0.00
21) Naphthalene-d8	8.128	136	353059	20.000	ng	0.00
39) Acenaphthene-d10	9.886	164	201868	20.000	ng	0.00
64) Phenanthrene-d10	11.374	188	378906	20.000	ng	0.00
76) Chrysene-d12	14.021	240	269702	20.000	ng	0.00
86) Perylene-d12	15.504	264	150956	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.492	112	745341	125.050	ng	0.02
7) Phenol-d6	6.487	99	974992	119.670	ng	0.00
23) Nitrobenzene-d5	7.416	82	750130	90.820	ng	0.00
42) 2,4,6-Tribromophenol	10.680	330	309730	144.033	ng	0.00
45) 2-Fluorobiphenyl	9.204	172	1240197	89.711	ng	0.00
79) Terphenyl-d14	12.968	244	1504602	91.325	ng	0.00
Target Compounds						
					Qvalue	
9) Benzaldehyde	6.410	77	58	Below Cal	#	1
19) n-Nitroso-di-n-propyla...	7.416	70	103182	21.128	ng	# 81
25) Isophorone	7.416	82	750121	57.022	ng	# 70
32) Benzoic acid	7.969	122	488	6.192	ng	# 34
51) 2,6-Dinitrotoluene	9.886	165	26672	9.048	ng	# 17
55) Dibenzofuran	10.098	168	990	Below Cal		94
57) 2,4-Dinitrotoluene	9.886	165	26672	7.029	ng	# 14
58) Fluorene	10.439	166	723	Below Cal	#	81
67) 4-Bromophenyl-phenylether	10.680	248	20141	4.553	ng	# 1
70) Pentachlorophenol	10.939	266	60	6.771	ng	# 20
77) Benzidine	12.968	184	18904	2.940	ng	# 93

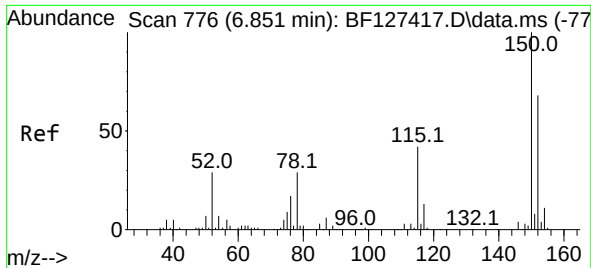
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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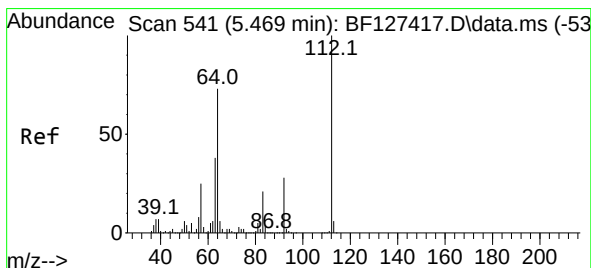
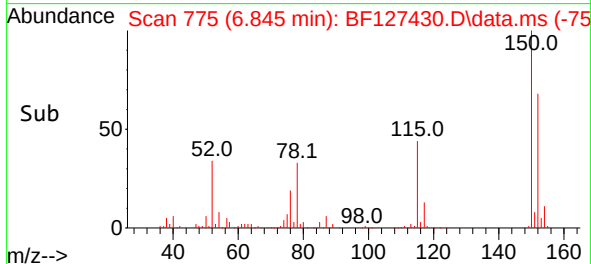
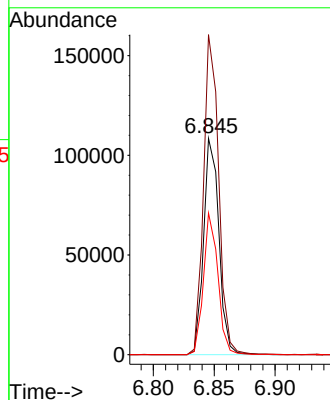
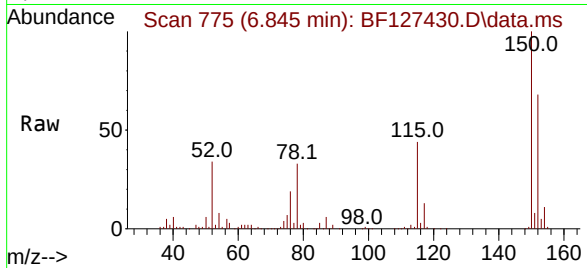




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.845 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF127430.D
Acq: 22 Mar 2022 02:47

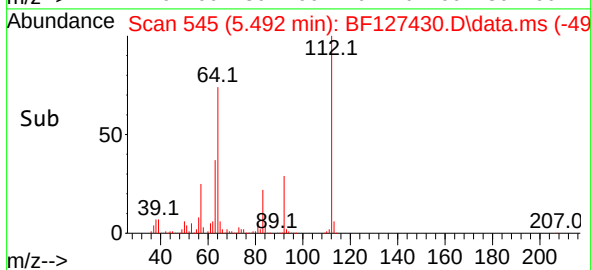
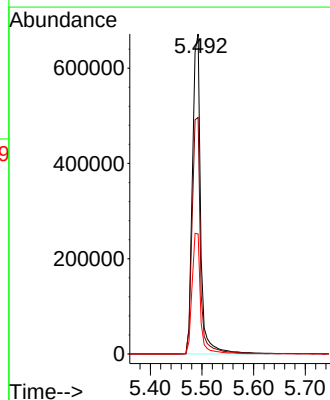
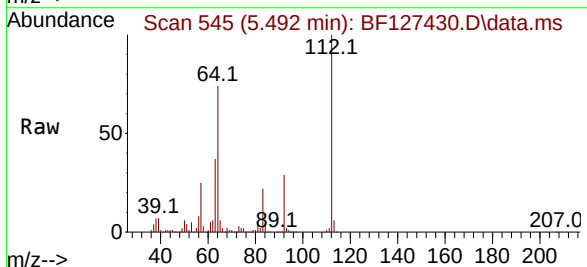
Instrument :
BNA_F
ClientSampleId :
C-3-2-3

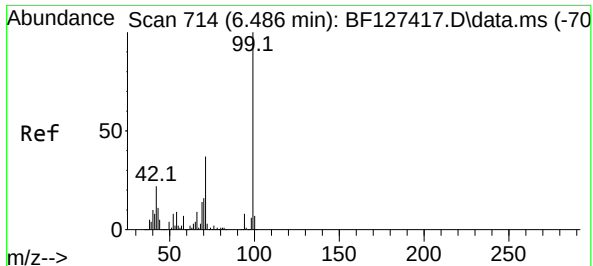
Tgt Ion:152 Resp: 95140
Ion Ratio Lower Upper
152 100
150 147.9 117.2 175.8
115 65.5 49.8 74.6



#5
2-Fluorophenol
Concen: 125.050 ng
RT: 5.492 min Scan# 545
Delta R.T. 0.024 min
Lab File: BF127430.D
Acq: 22 Mar 2022 02:47

Tgt Ion:112 Resp: 745341
Ion Ratio Lower Upper
112 100
64 73.9 58.4 87.6
63 37.5 30.1 45.1



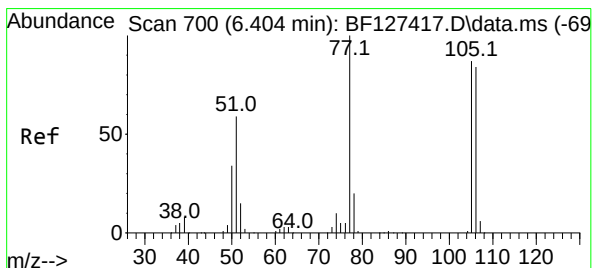
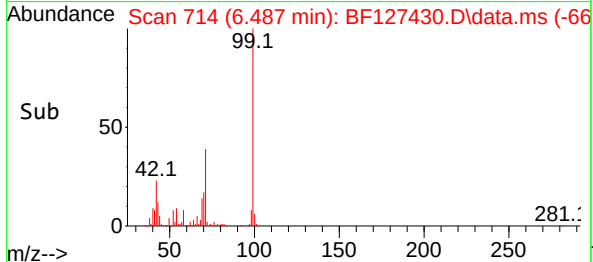
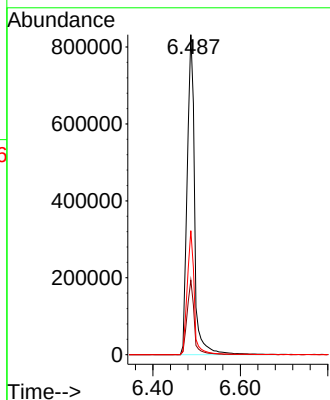
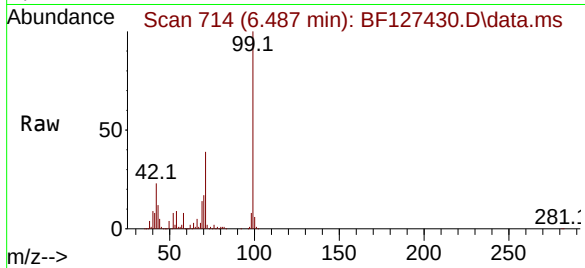


#7
Phenol-d6
Concen: 119.670 ng
RT: 6.487 min Scan# 714
Delta R.T. 0.000 min
Lab File: BF127430.D
Acq: 22 Mar 2022 02:47

Instrument :
BNA_F
ClientSampleId :
C-3-2-3

Tgt Ion: 99 Resp: 974992

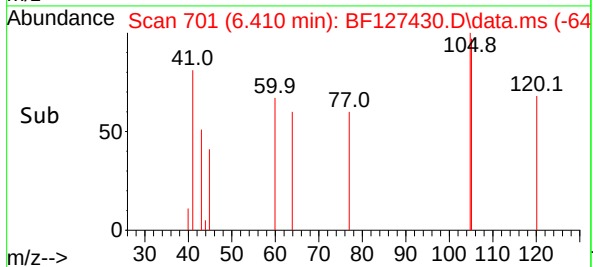
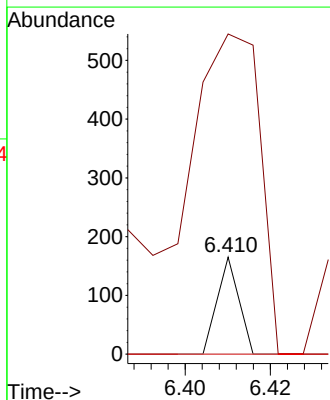
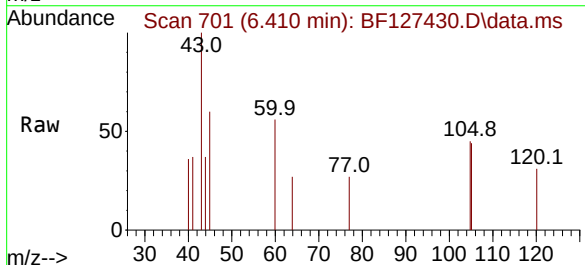
Ion	Ratio	Lower	Upper
99	100		
42	23.3	17.8	26.6
71	38.7	29.6	44.4

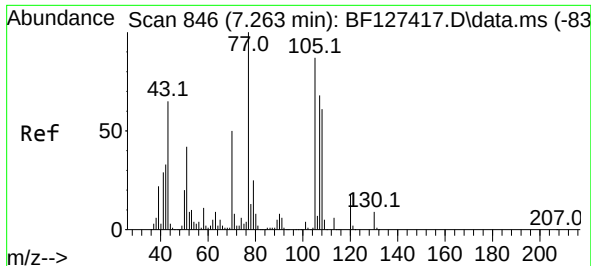


#9
Benzaldehyde
Concen: Below Cal
RT: 6.410 min Scan# 701
Delta R.T. 0.006 min
Lab File: BF127430.D
Acq: 22 Mar 2022 02:47

Tgt Ion: 77 Resp: 58

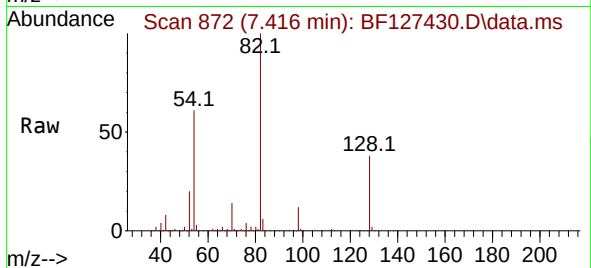
Ion	Ratio	Lower	Upper
77	100		
105	330.3	66.8	106.8#
106	0.0	64.3	104.3#



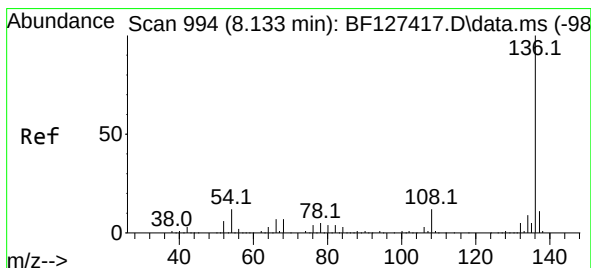
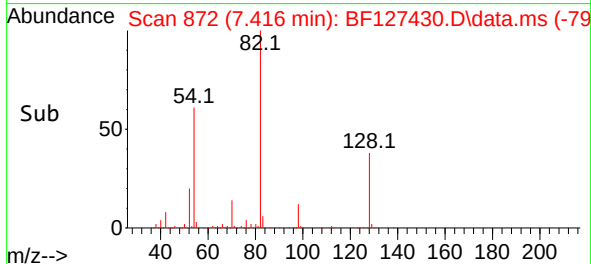
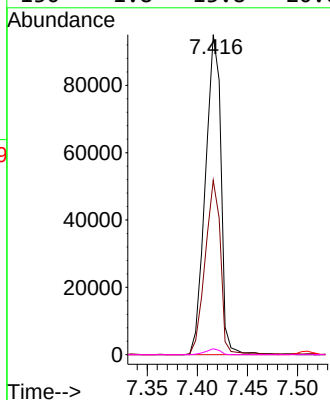


#19
n-Nitroso-di-n-propylamine
Concen: 21.128 ng
RT: 7.416 min Scan# 81
Delta R.T. 0.153 min
Lab File: BF127430.D
Acq: 22 Mar 2022 02:47

Instrument :
BNA_F
ClientSampleId :
C-3-2-3

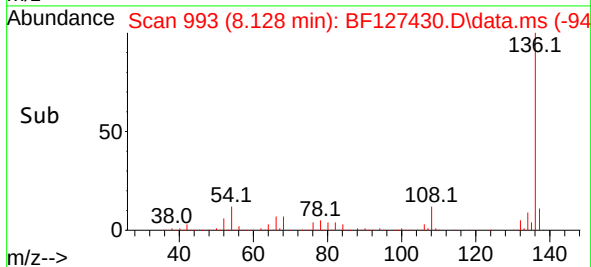
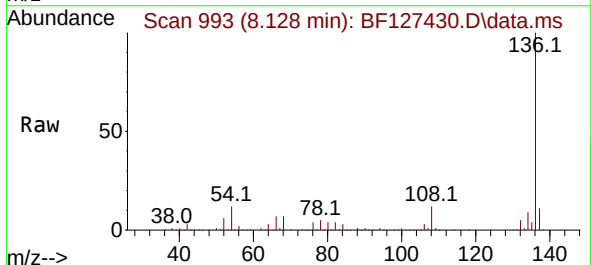
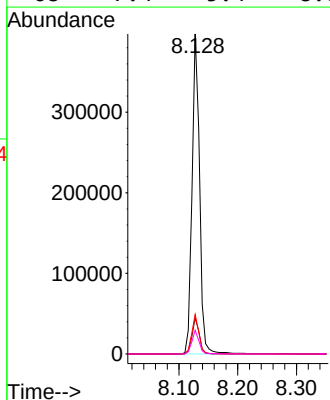


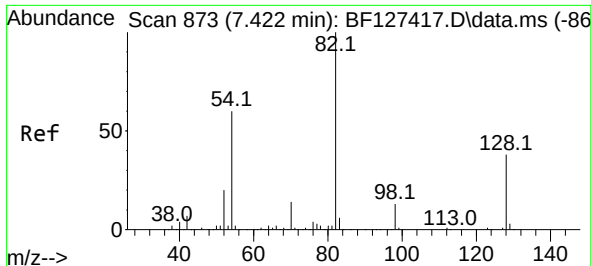
Tgt Ion: 70 Resp: 103182
Ion Ratio Lower Upper
70 100
42 54.5 53.0 79.6
101 0.0 6.8 10.2#
130 1.8 13.8 20.6#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.128 min Scan# 993
Delta R.T. -0.006 min
Lab File: BF127430.D
Acq: 22 Mar 2022 02:47

Tgt Ion:136 Resp: 353059
Ion Ratio Lower Upper
136 100
137 11.2 8.6 13.0
54 12.3 9.2 13.8
68 7.4 5.4 8.0





#23

Nitrobenzene-d5

Concen: 90.820 ng

RT: 7.416 min Scan# 872

Delta R.T. -0.006 min

Lab File: BF127430.D

Acq: 22 Mar 2022 02:47

Instrument :

BNA_F

ClientSampleId :

C-3-2-3

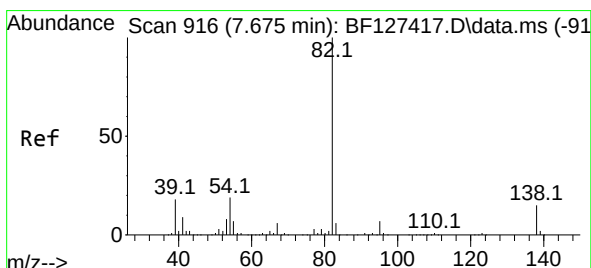
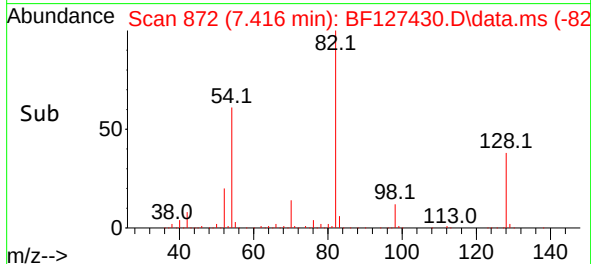
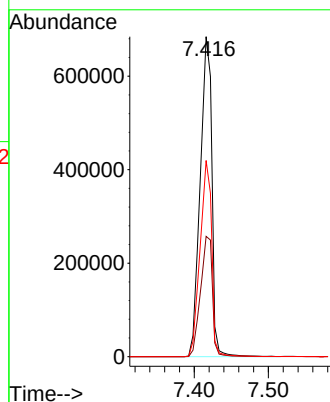
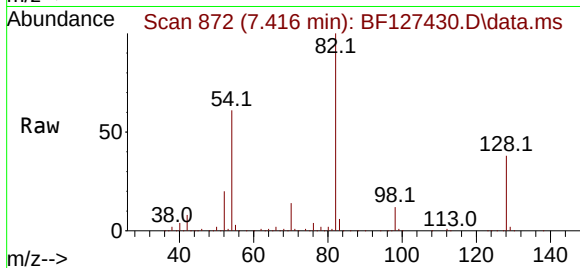
Tgt Ion: 82 Resp: 750130

Ion Ratio Lower Upper

82 100

128 37.6 30.6 45.8

54 61.3 48.2 72.2



#25

Isophorone

Concen: 57.022 ng

RT: 7.416 min Scan# 872

Delta R.T. -0.259 min

Lab File: BF127430.D

Acq: 22 Mar 2022 02:47

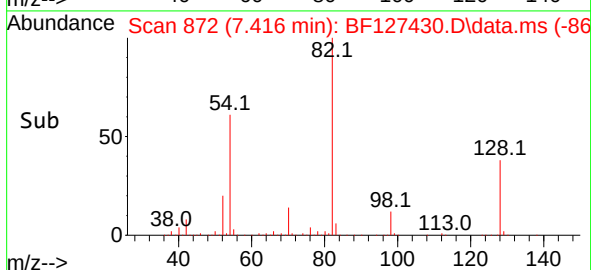
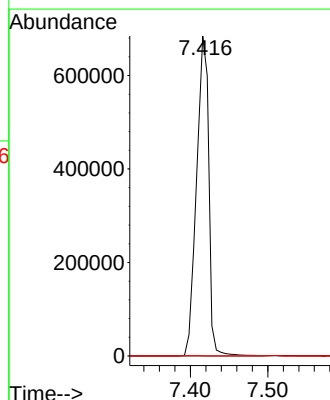
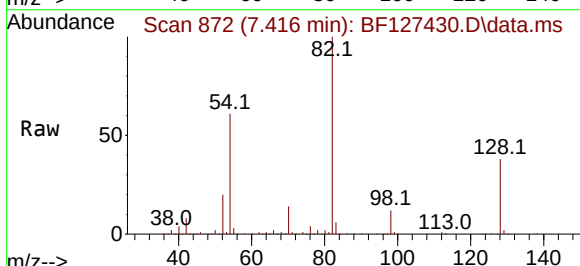
Tgt Ion: 82 Resp: 750121

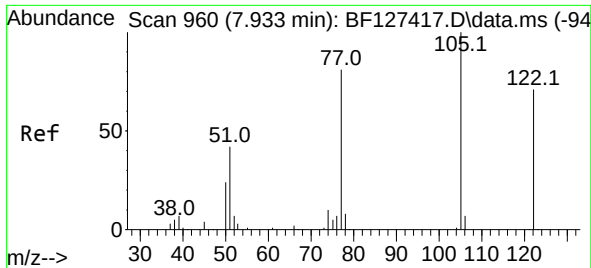
Ion Ratio Lower Upper

82 100

95 0.0 5.8 8.8#

138 0.1 11.6 17.4#

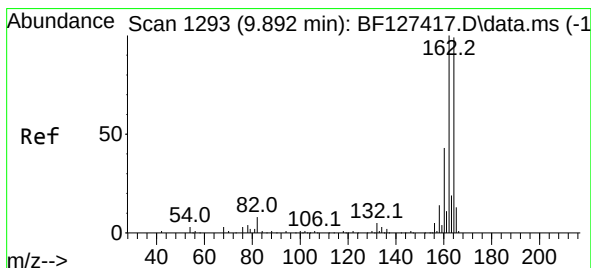
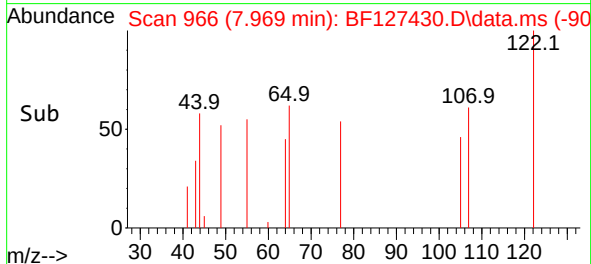
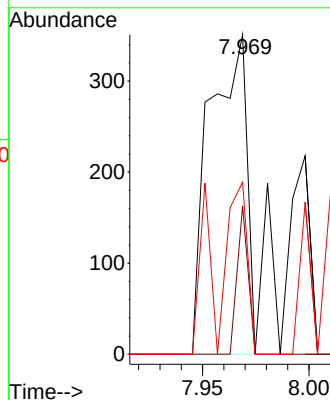
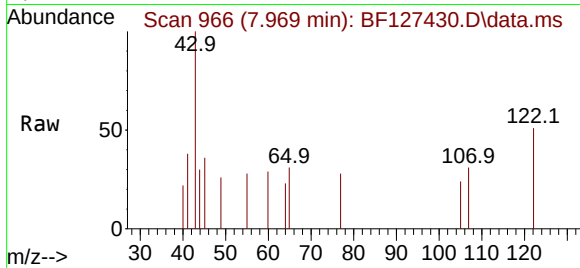




#32
Benzoic acid
Concen: 6.192 ng
RT: 7.969 min Scan# 90
Delta R.T. 0.036 min
Lab File: BF127430.D
Acq: 22 Mar 2022 02:47

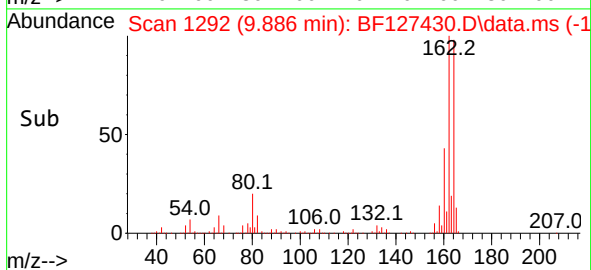
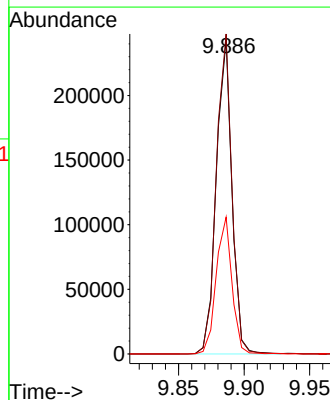
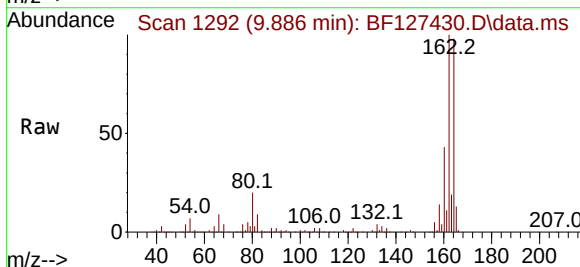
Instrument :
BNA_F
ClientSampleId :
C-3-2-3

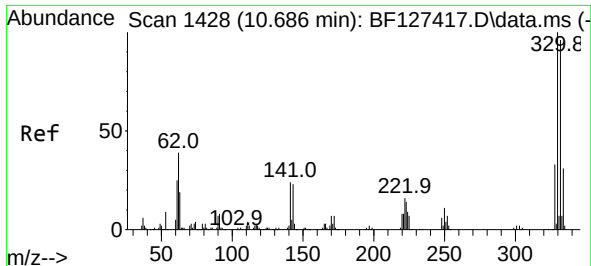
Tgt Ion:122 Resp: 488
Ion Ratio Lower Upper
122 100
105 46.4 117.1 157.1#
77 53.8 93.0 133.0#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.886 min Scan# 1292
Delta R.T. -0.006 min
Lab File: BF127430.D
Acq: 22 Mar 2022 02:47

Tgt Ion:164 Resp: 201868
Ion Ratio Lower Upper
164 100
162 101.8 81.2 121.8
160 43.5 34.6 52.0





#42

2,4,6-Tribromophenol

Concen: 144.033 ng

RT: 10.680 min Scan# 1428

Delta R.T. -0.006 min

Lab File: BF127430.D

Acq: 22 Mar 2022 02:47

Instrument :

BNA_F

ClientSampleId :

C-3-2-3

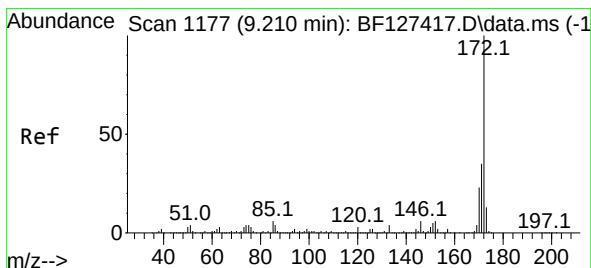
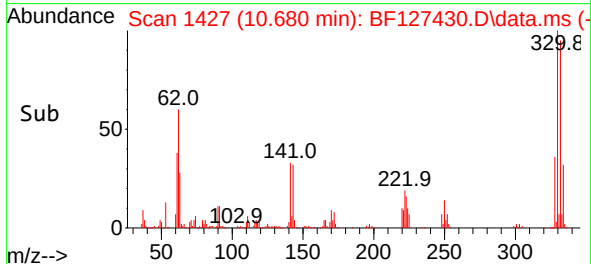
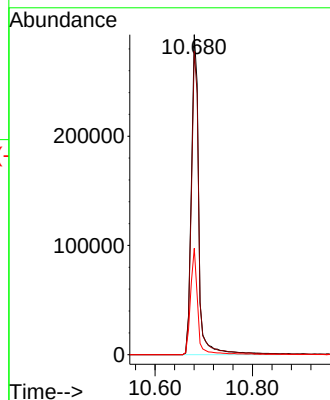
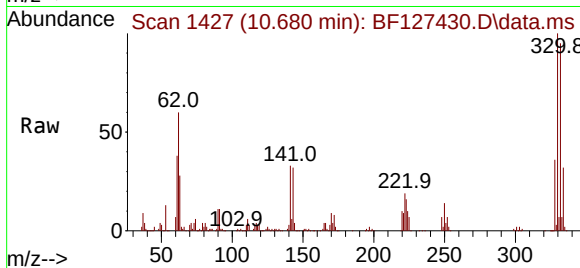
Tgt Ion:330 Resp: 309730

Ion Ratio Lower Upper

330 100

332 94.7 79.1 118.7

141 32.3 26.2 39.4



#45

2-Fluorobiphenyl

Concen: 89.711 ng

RT: 9.204 min Scan# 1176

Delta R.T. -0.006 min

Lab File: BF127430.D

Acq: 22 Mar 2022 02:47

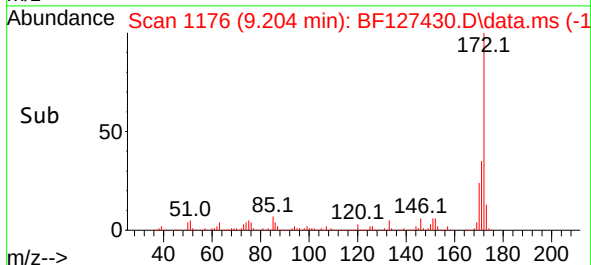
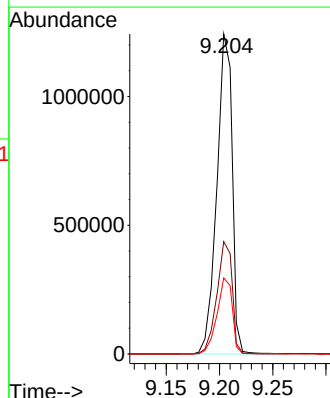
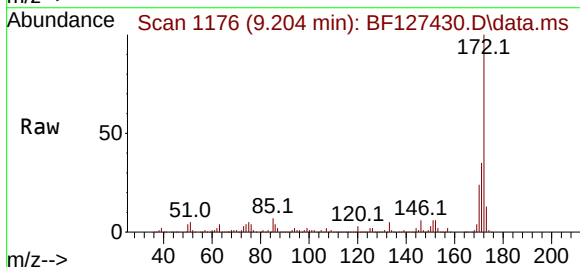
Tgt Ion:172 Resp: 1240197

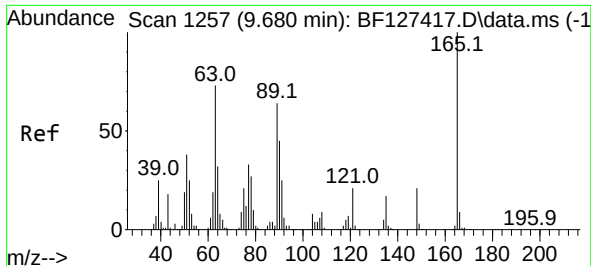
Ion Ratio Lower Upper

172 100

171 35.1 28.4 42.6

170 23.7 18.6 27.8

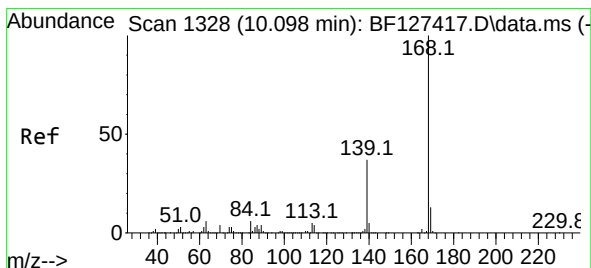
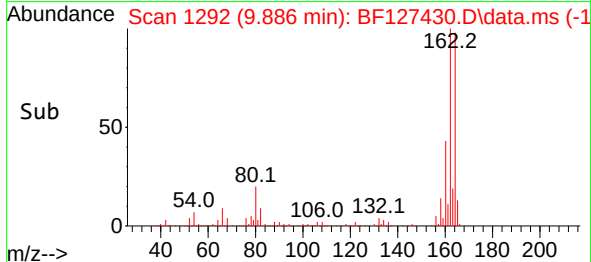
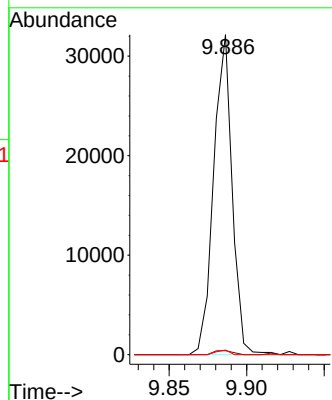
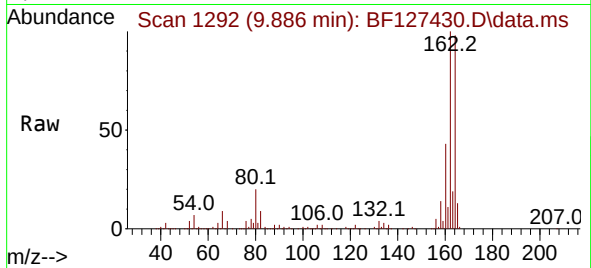




#51
2,6-Dinitrotoluene
Concen: 9.048 ng
RT: 9.886 min Scan# 1292
Delta R.T. 0.206 min
Lab File: BF127430.D
Acq: 22 Mar 2022 02:47

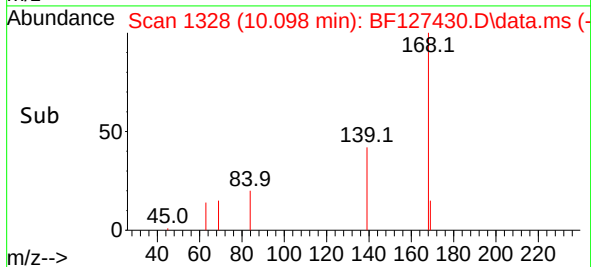
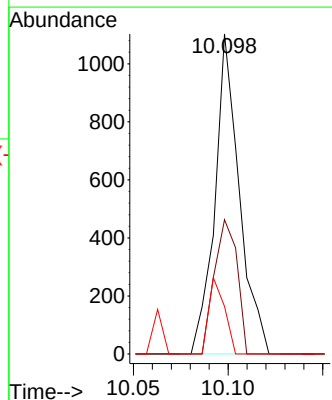
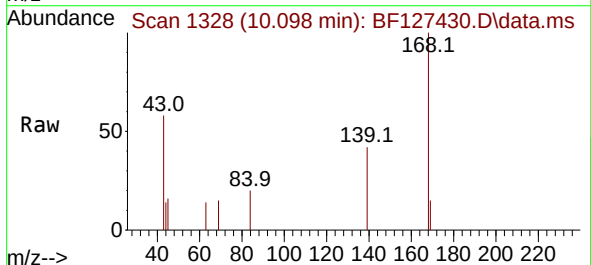
Instrument :
BNA_F
ClientSampleId :
C-3-2-3

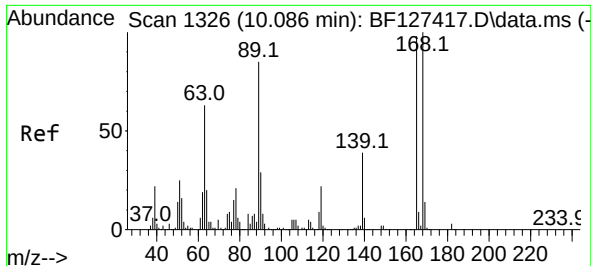
Tgt Ion:165 Resp: 26672
Ion Ratio Lower Upper
165 100
63 1.3 58.3 87.5#
89 1.5 51.5 77.3#



#55
Dibenzofuran
Concen: Below Cal
RT: 10.098 min Scan# 1328
Delta R.T. 0.000 min
Lab File: BF127430.D
Acq: 22 Mar 2022 02:47

Tgt Ion:168 Resp: 990
Ion Ratio Lower Upper
168 100
139 42.0 30.3 45.5
169 14.9 10.8 16.2

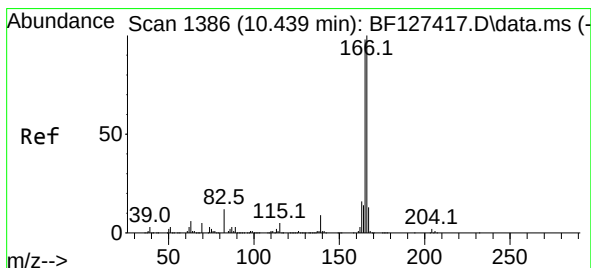
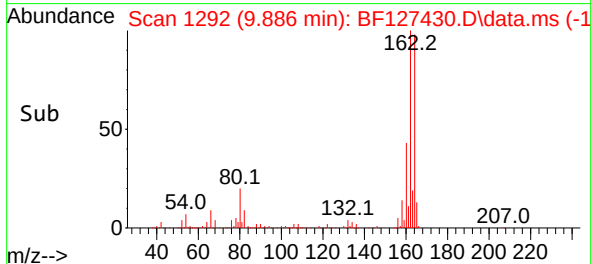
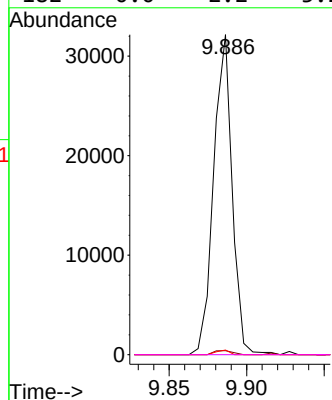
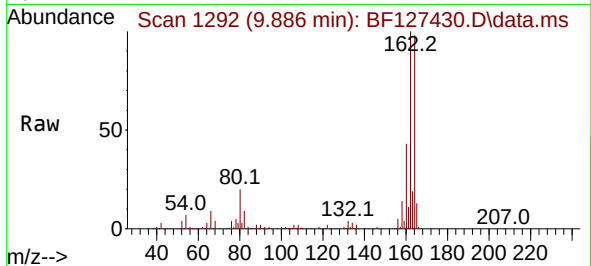




#57
2,4-Dinitrotoluene
Concen: 7.029 ng
RT: 9.886 min Scan# 11
Delta R.T. -0.200 min
Lab File: BF127430.D
Acq: 22 Mar 2022 02:47

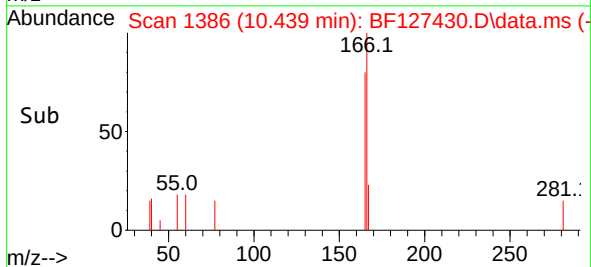
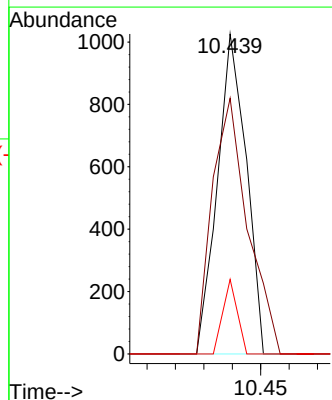
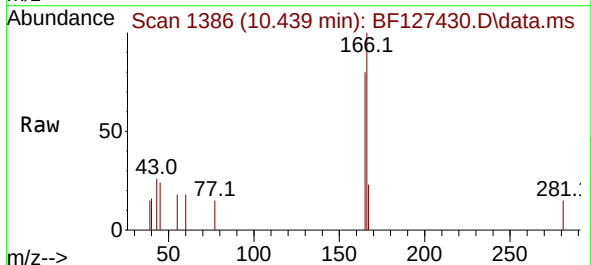
Instrument :
BNA_F
ClientSampleId :
C-3-2-3

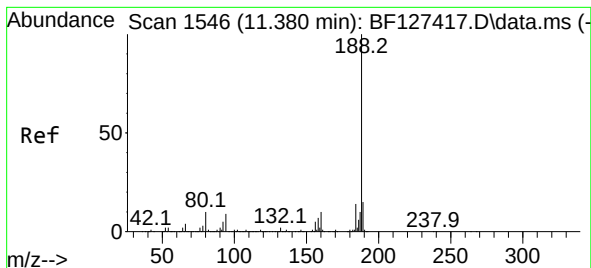
Tgt Ion:165 Resp: 26672
Ion Ratio Lower Upper
165 100
63 1.3 53.1 79.7#
89 1.5 69.2 103.8#
182 0.0 2.2 3.2#



#58
Fluorene
Concen: Below Cal
RT: 10.439 min Scan# 1386
Delta R.T. 0.000 min
Lab File: BF127430.D
Acq: 22 Mar 2022 02:47

Tgt Ion:166 Resp: 723
Ion Ratio Lower Upper
166 100
165 79.9 78.1 117.1
167 23.3 10.5 15.7#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.374 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF127430.D

Acq: 22 Mar 2022 02:47

Instrument :

BNA_F

ClientSampleId :

C-3-2-3

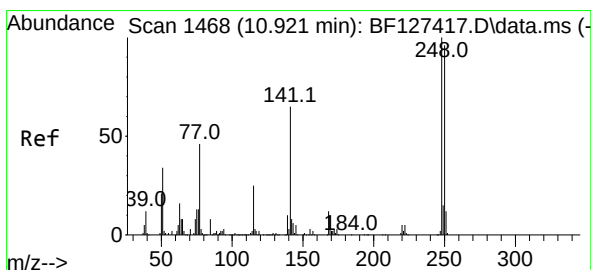
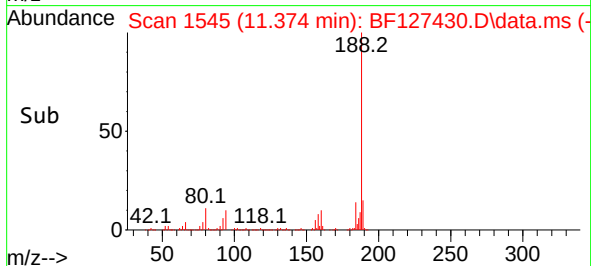
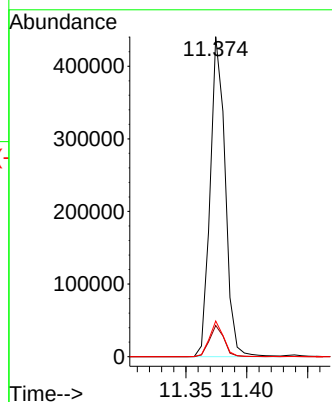
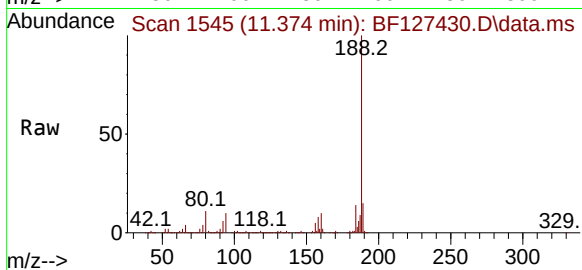
Tgt Ion:188 Resp: 378906

Ion Ratio Lower Upper

188 100

94 9.7 7.4 11.0

80 11.2 8.0 12.0



#67

4-Bromophenyl-phenylether

Concen: 4.553 ng

RT: 10.680 min Scan# 1427

Delta R.T. -0.241 min

Lab File: BF127430.D

Acq: 22 Mar 2022 02:47

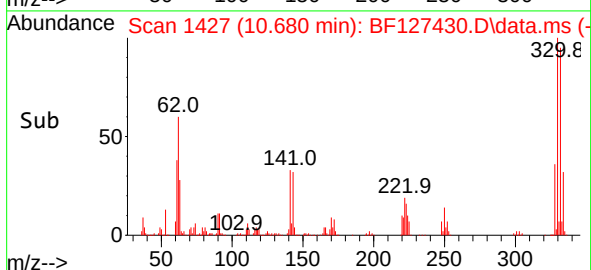
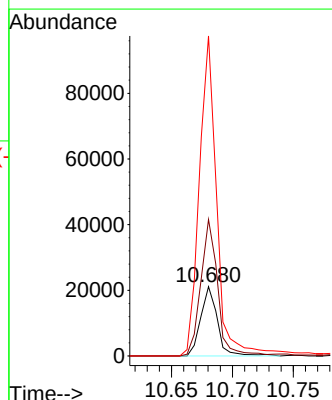
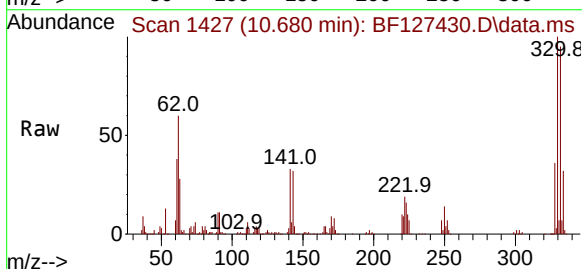
Tgt Ion:248 Resp: 20141

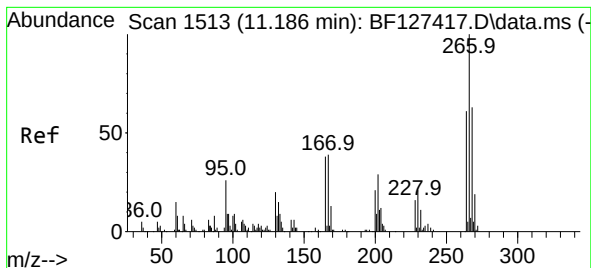
Ion Ratio Lower Upper

248 100

250 196.7 76.6 115.0#

141 461.3 52.2 78.2#





#70

Pentachlorophenol

Concen: 6.771 ng

RT: 10.939 min Scan# 14

Delta R.T. -0.247 min

Lab File: BF127430.D

Acq: 22 Mar 2022 02:47

Instrument :

BNA_F

ClientSampleId :

C-3-2-3

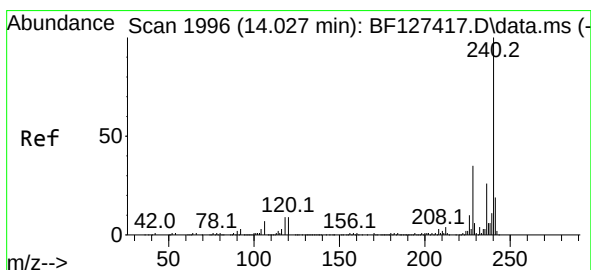
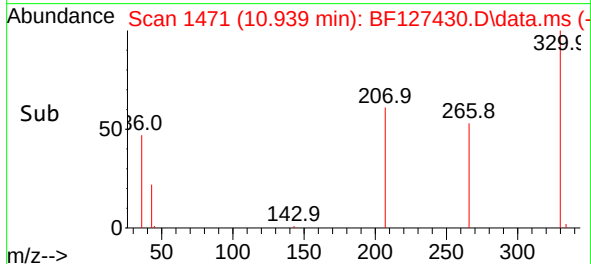
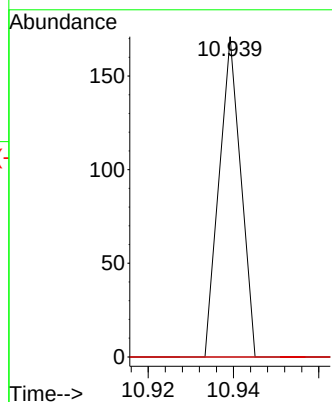
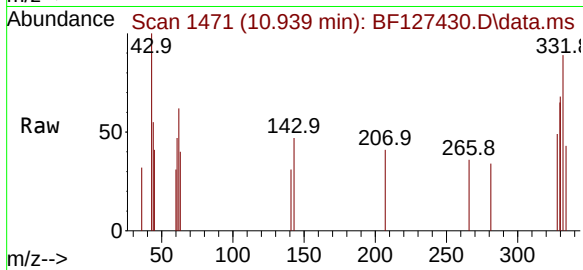
Tgt Ion:266 Resp: 60

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# 1995

Delta R.T. -0.006 min

Lab File: BF127430.D

Acq: 22 Mar 2022 02:47

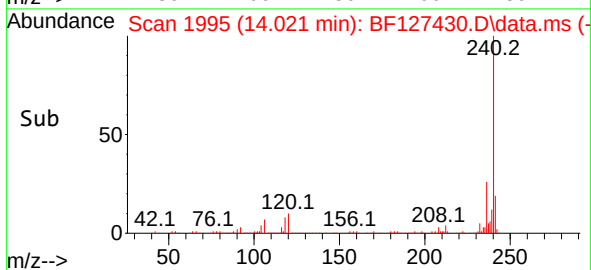
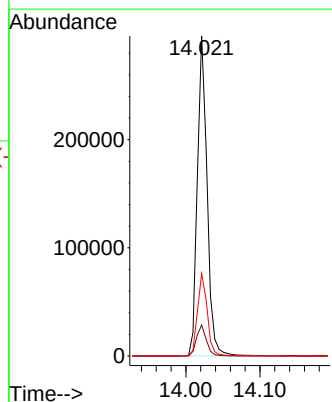
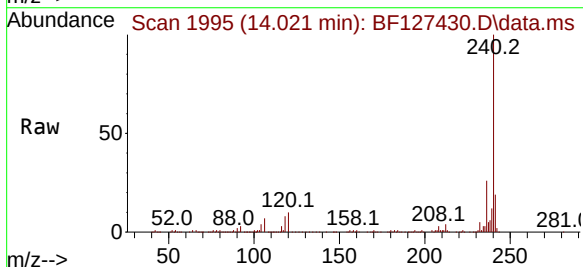
Tgt Ion:240 Resp: 269702

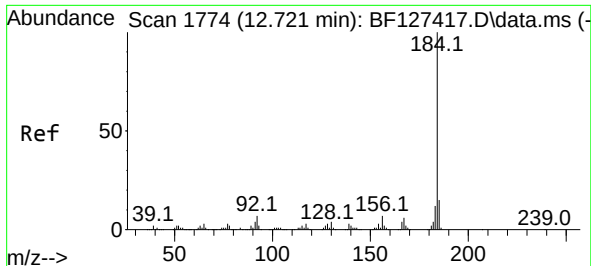
Ion Ratio Lower Upper

240 100

120 9.7 7.1 10.7

236 25.7 20.7 31.1

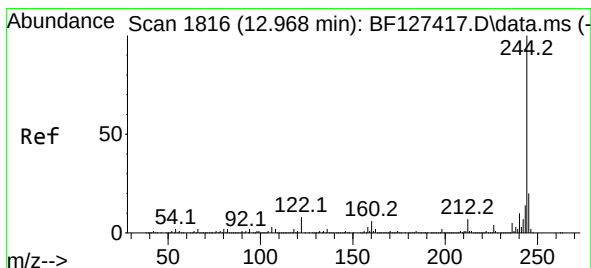
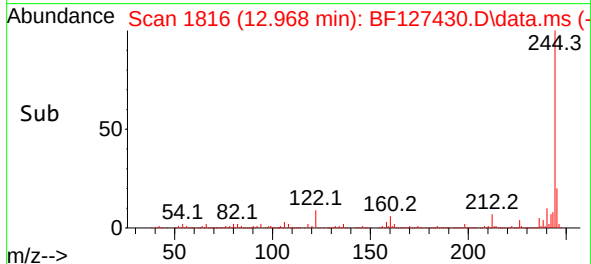
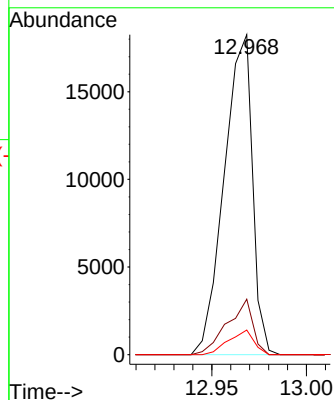
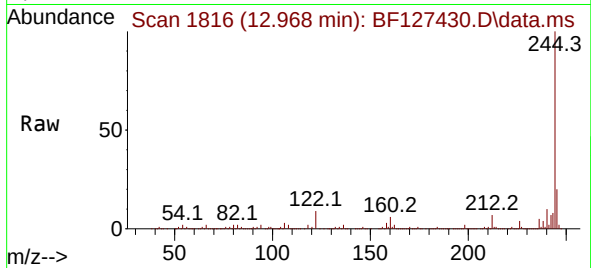




#77
Benzidine
Concen: 2.940 ng
RT: 12.968 min Scan# 1816
Delta R.T. 0.247 min
Lab File: BF127430.D
Acq: 22 Mar 2022 02:47

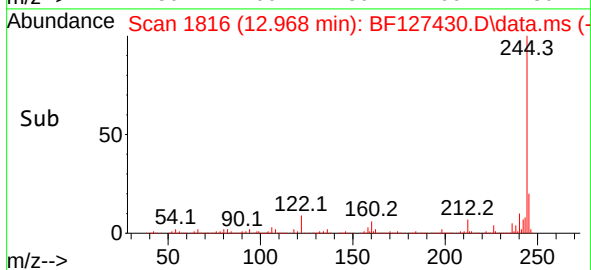
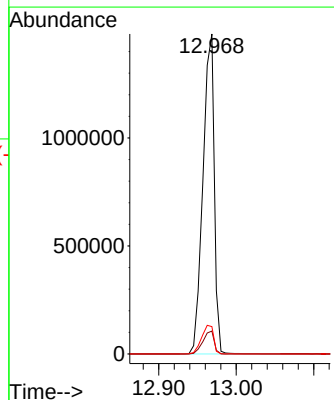
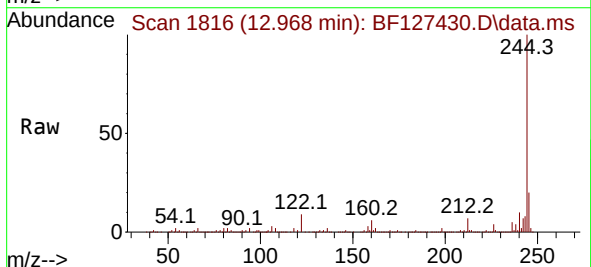
Instrument :
BNA_F
ClientSampleId :
C-3-2-3

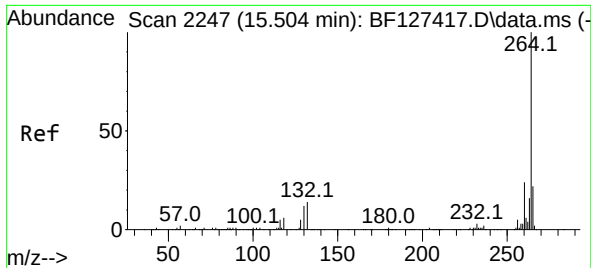
Tgt Ion:184 Resp: 18904
Ion Ratio Lower Upper
184 100
185 17.4 12.2 18.2
183 7.7 9.4 14.0#



#79
Terphenyl-d14
Concen: 91.325 ng
RT: 12.968 min Scan# 1816
Delta R.T. 0.000 min
Lab File: BF127430.D
Acq: 22 Mar 2022 02:47

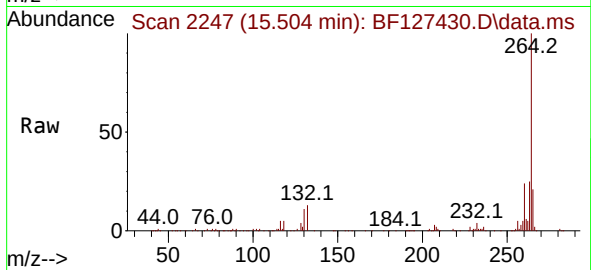
Tgt Ion:244 Resp: 1504602
Ion Ratio Lower Upper
244 100
212 7.2 5.7 8.5
122 8.6 6.2 9.2





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.504 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BF127430.D
 Acq: 22 Mar 2022 02:47

Instrument :
 BNA_F
 ClientSampleId :
 C-3-2-3



Tgt Ion:264 Resp: 150956
 Ion Ratio Lower Upper
 264 100
 260 24.3 19.1 28.7
 265 20.9 17.4 26.2

