

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032122\
 Data File : BF127431.D
 Acq On : 22 Mar 2022 03:16
 Operator : CG\JU
 Sample : N1958-19
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 C-4-3-4

Quant Time: Mar 22 05:07:27 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)

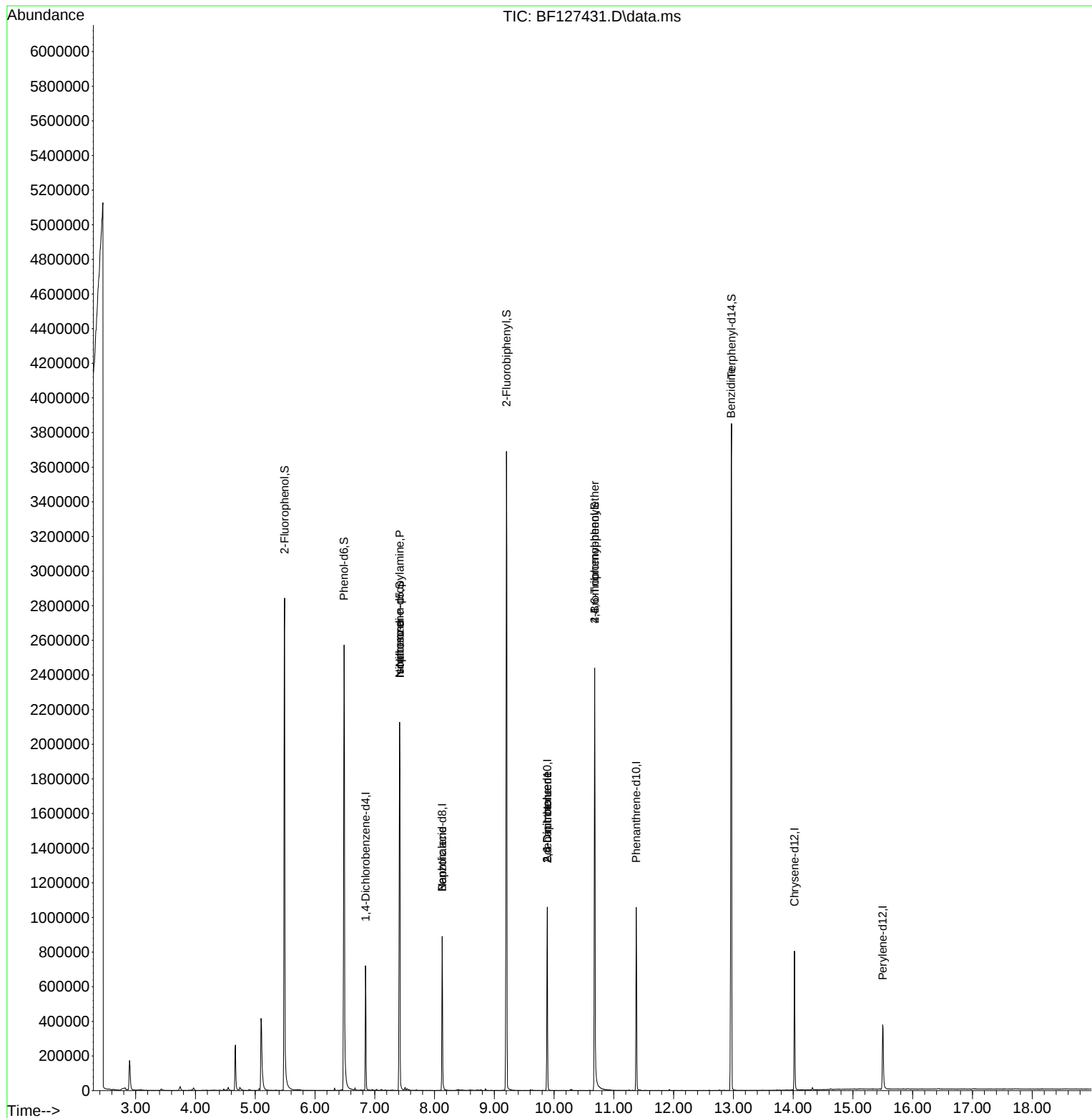
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.845	152	95695	20.000	ng	0.00
21) Naphthalene-d8	8.128	136	347800	20.000	ng	0.00
39) Acenaphthene-d10	9.886	164	206384	20.000	ng	0.00
64) Phenanthrene-d10	11.374	188	368989	20.000	ng	0.00
76) Chrysene-d12	14.021	240	268128	20.000	ng	0.00
86) Perylene-d12	15.498	264	184654	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	773447	129.013	ng	0.02
7) Phenol-d6	6.487	99	990499	120.869	ng	0.00
23) Nitrobenzene-d5	7.416	82	777505	95.558	ng	0.00
42) 2,4,6-Tribromophenol	10.680	330	313751	142.710	ng	0.00
45) 2-Fluorobiphenyl	9.204	172	1279122	90.502	ng	0.00
79) Terphenyl-d14	12.969	244	1523587	93.021	ng	0.00
Target Compounds						
					Qvalue	
9) Benzaldehyde	6.492	77	1381	Below Cal	#	7
19) n-Nitroso-di-n-propyla...	7.416	70	105081	21.392	ng	# 80
25) Isophorone	7.416	82	777498	59.996	ng	# 70
32) Benzoic acid	8.128	122	65	6.062	ng	# 1
51) 2,6-Dinitrotoluene	9.886	165	25748	8.543	ng	# 17
55) Dibenzofuran	10.098	168	53	Below Cal	#	45
57) 2,4-Dinitrotoluene	9.886	165	25748	6.637	ng	# 13
58) Fluorene	10.680	166	11133	Below Cal	#	83
67) 4-Bromophenyl-phenylether	10.680	248	20710	4.807	ng	# 1
77) Benzidine	12.963	184	18651	2.917	ng	# 94

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032122\
Data File : BF127431.D
Acq On : 22 Mar 2022 03:16
Operator : CG\JU
Sample : N1958-19
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
C-4-3-4

Quant Time: Mar 22 05:07:27 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

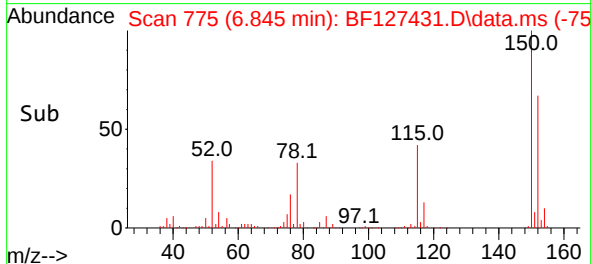
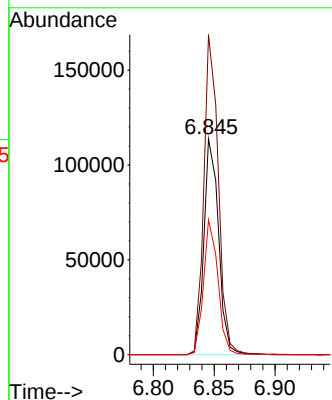
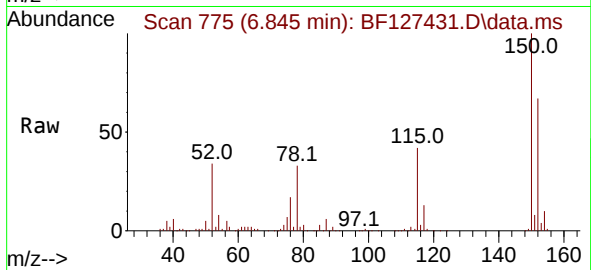




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.845 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF127431.D
Acq: 22 Mar 2022 03:16

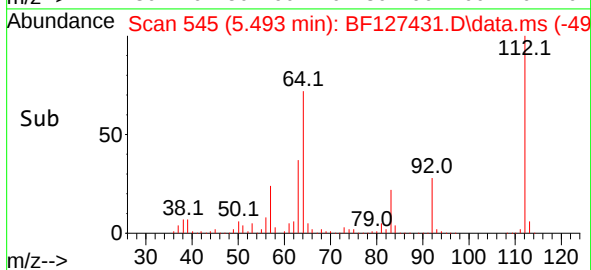
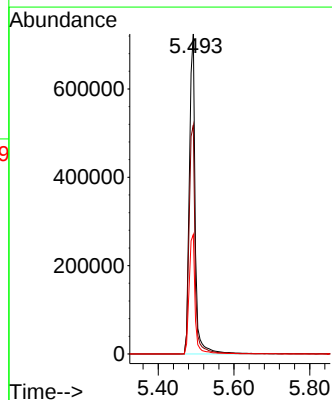
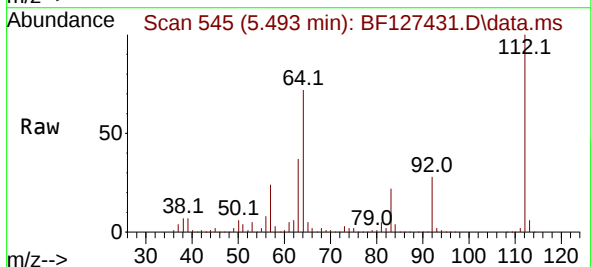
Instrument :
BNA_F
ClientSampleId :
C-4-3-4

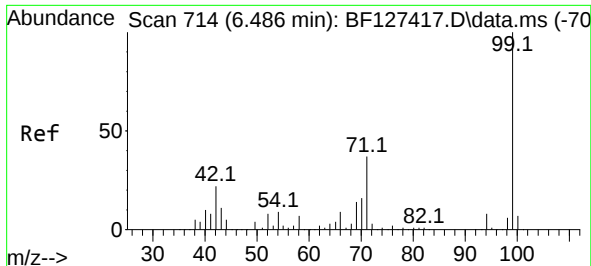
Tgt Ion:152 Resp: 95695
Ion Ratio Lower Upper
152 100
150 148.3 117.2 175.8
115 62.6 49.8 74.6



#5
2-Fluorophenol
Concen: 129.013 ng
RT: 5.493 min Scan# 545
Delta R.T. 0.024 min
Lab File: BF127431.D
Acq: 22 Mar 2022 03:16

Tgt Ion:112 Resp: 773447
Ion Ratio Lower Upper
112 100
64 71.5 58.4 87.6
63 37.3 30.1 45.1

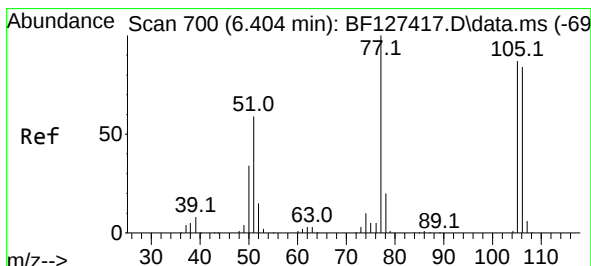
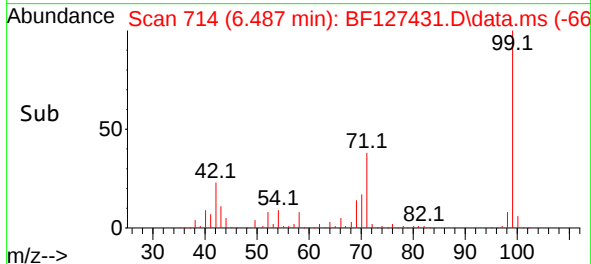
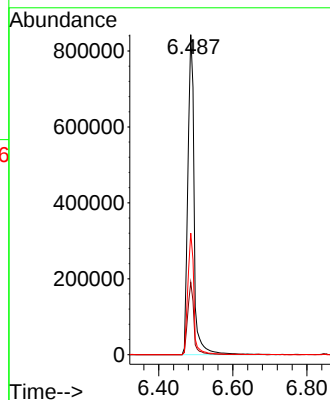
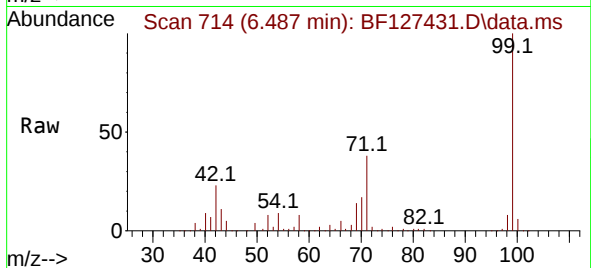




#7
Phenol-d6
Concen: 120.869 ng
RT: 6.487 min Scan# 714
Delta R.T. 0.000 min
Lab File: BF127431.D
Acq: 22 Mar 2022 03:16

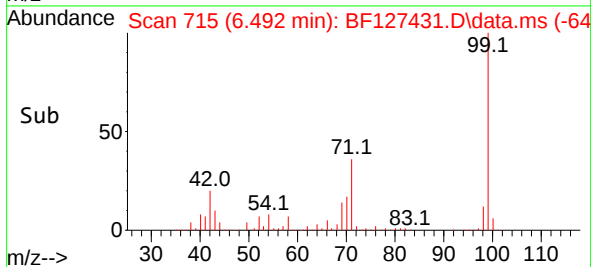
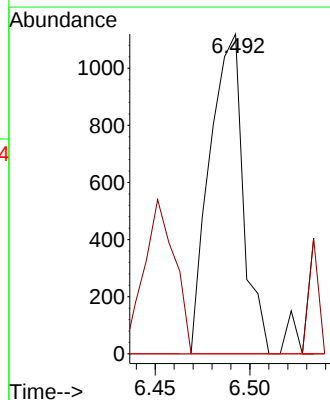
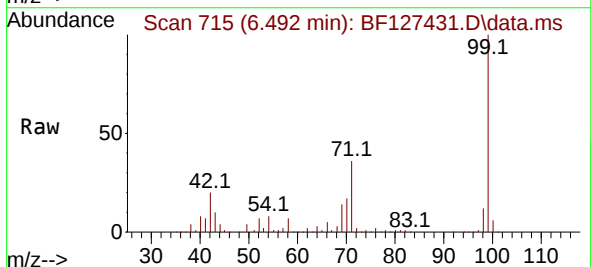
Instrument :
BNA_F
ClientSampleId :
C-4-3-4

Tgt Ion: 99 Resp: 990499
Ion Ratio Lower Upper
99 100
42 22.6 17.8 26.6
71 38.0 29.6 44.4



#9
Benzaldehyde
Concen: Below Cal
RT: 6.492 min Scan# 715
Delta R.T. 0.088 min
Lab File: BF127431.D
Acq: 22 Mar 2022 03:16

Tgt Ion: 77 Resp: 1381
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: 21.392 ng

RT: 7.416 min Scan# 81

Delta R.T. 0.153 min

Lab File: BF127431.D

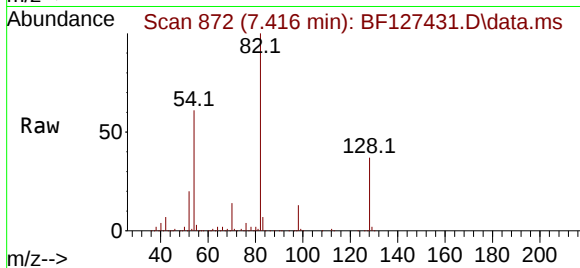
Acq: 22 Mar 2022 03:16

Instrument :

BNA_F

ClientSampleId :

C-4-3-4



Tgt Ion: 70 Resp: 105081

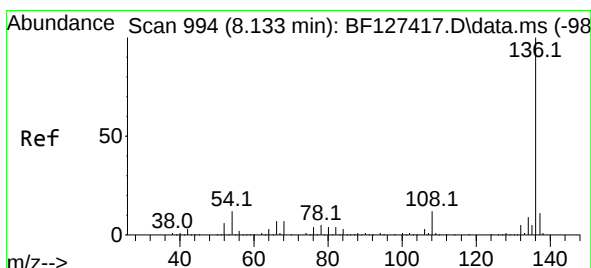
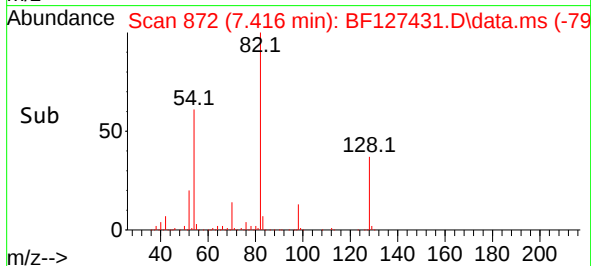
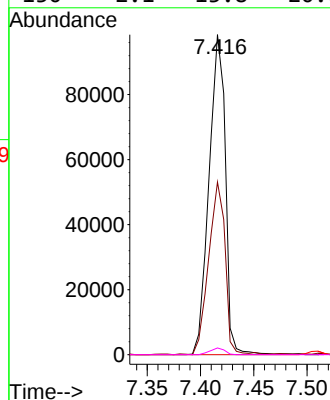
Ion Ratio Lower Upper

70 100

42 53.9 53.0 79.6

101 0.0 6.8 10.2#

130 2.1 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: BF127431.D

Acq: 22 Mar 2022 03:16

Tgt Ion: 136 Resp: 347800

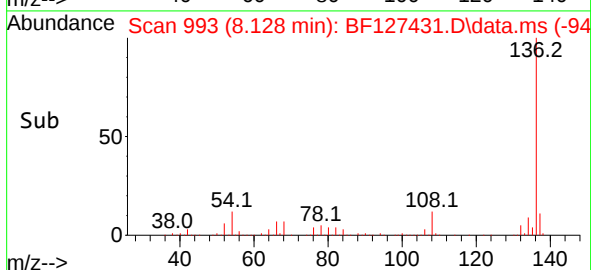
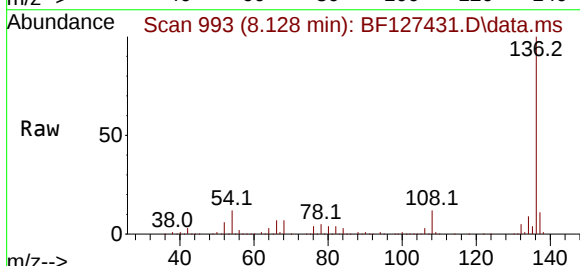
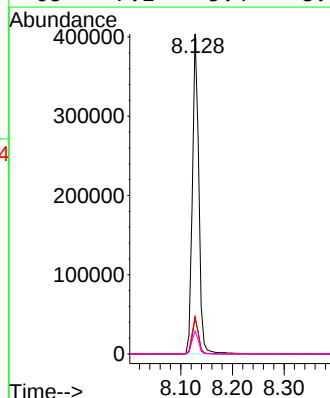
Ion Ratio Lower Upper

136 100

137 11.1 8.6 13.0

54 11.7 9.2 13.8

68 7.1 5.4 8.0

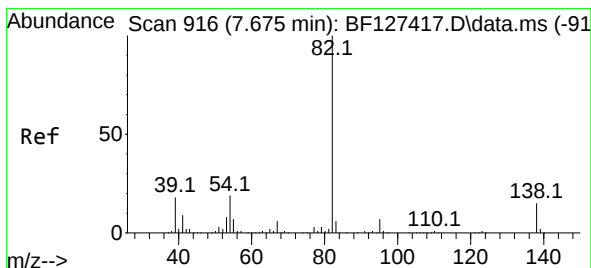
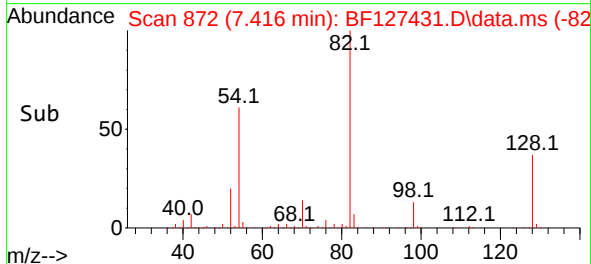
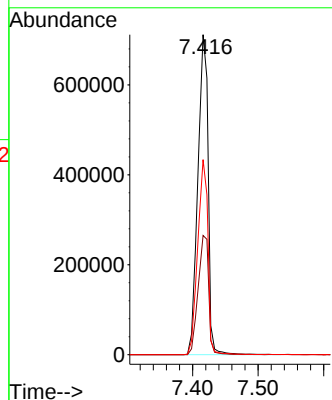
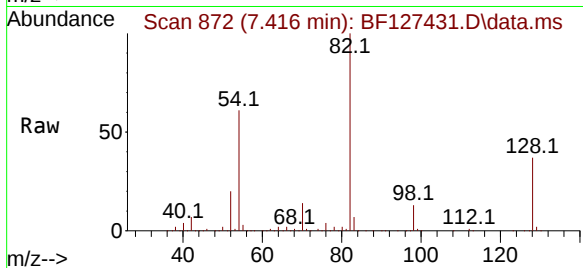




#23
Nitrobenzene-d5
Concen: 95.558 ng
RT: 7.416 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF127431.D
Acq: 22 Mar 2022 03:16

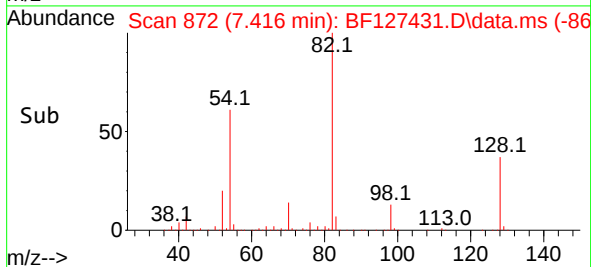
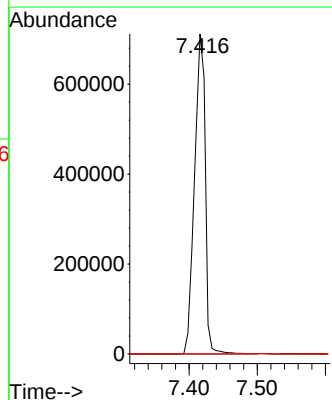
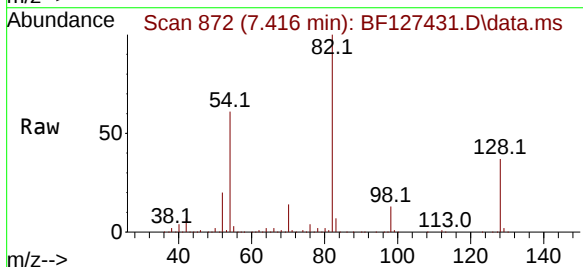
Instrument :
BNA_F
ClientSampleId :
C-4-3-4

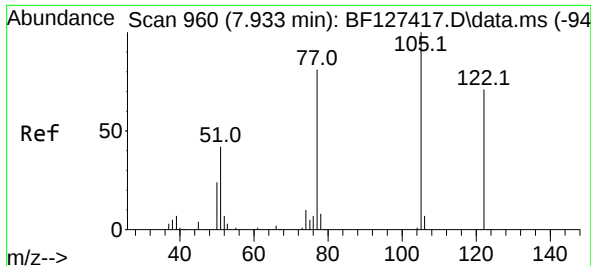
Tgt Ion: 82 Resp: 777505
Ion Ratio Lower Upper
82 100
128 37.3 30.6 45.8
54 61.0 48.2 72.2



#25
Isophorone
Concen: 59.996 ng
RT: 7.416 min Scan# 872
Delta R.T. -0.259 min
Lab File: BF127431.D
Acq: 22 Mar 2022 03:16

Tgt Ion: 82 Resp: 777498
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.8#
138 0.0 11.6 17.4#

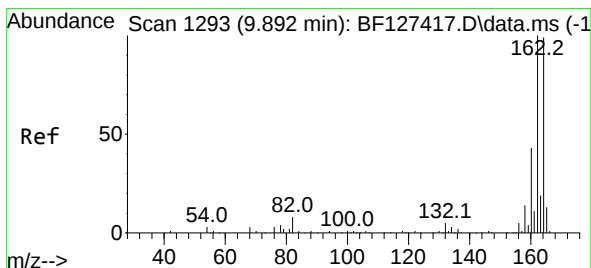
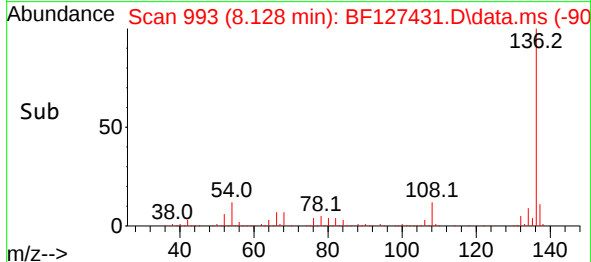
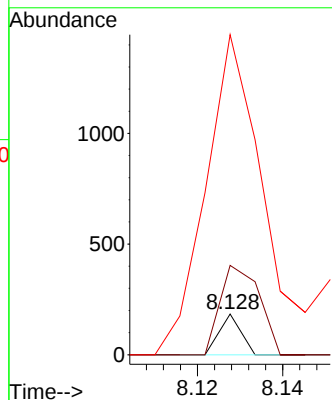
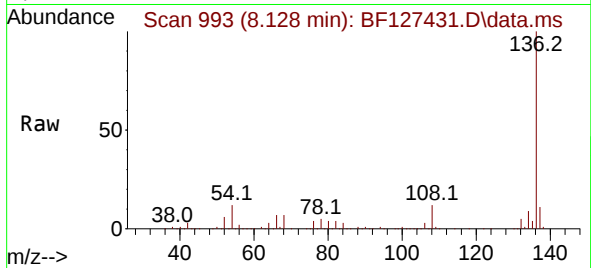




#32
Benzoic acid
Concen: 6.062 ng
RT: 8.128 min Scan# 91
Delta R.T. 0.195 min
Lab File: BF127431.D
Acq: 22 Mar 2022 03:16

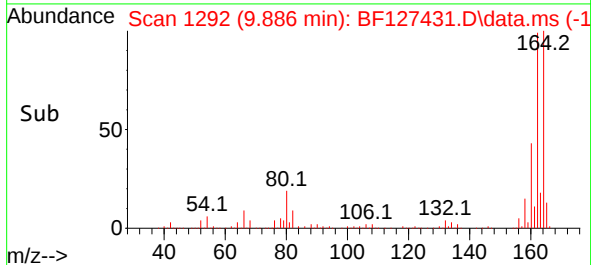
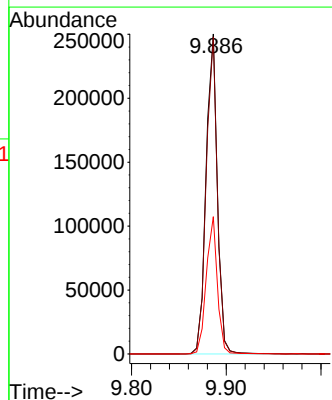
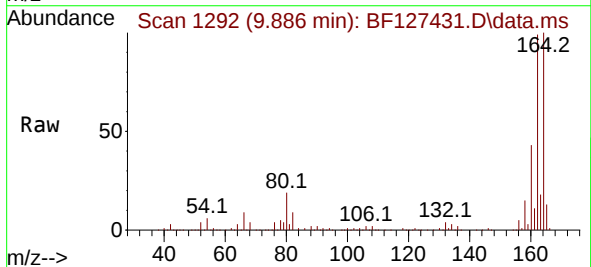
Instrument :
BNA_F
ClientSampleId :
C-4-3-4

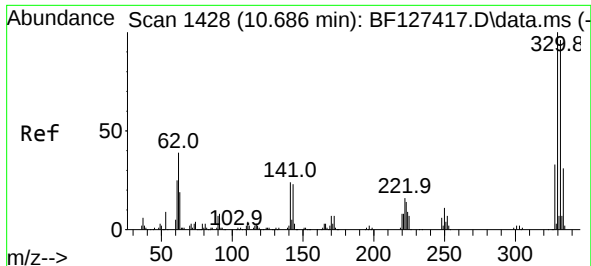
Tgt Ion:122 Resp: 65
Ion Ratio Lower Upper
122 100
105 219.6 117.1 157.1#
77 785.9 93.0 133.0#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.886 min Scan# 1292
Delta R.T. -0.006 min
Lab File: BF127431.D
Acq: 22 Mar 2022 03:16

Tgt Ion:164 Resp: 206384
Ion Ratio Lower Upper
164 100
162 99.1 81.2 121.8
160 42.9 34.6 52.0





#42

2,4,6-Tribromophenol

Concen: 142.710 ng

RT: 10.680 min Scan# 1428

Delta R.T. -0.006 min

Lab File: BF127431.D

Acq: 22 Mar 2022 03:16

Instrument :

BNA_F

ClientSampleId :

C-4-3-4

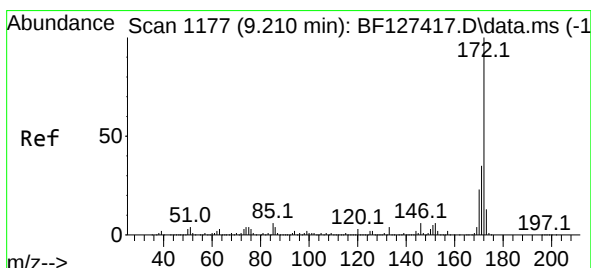
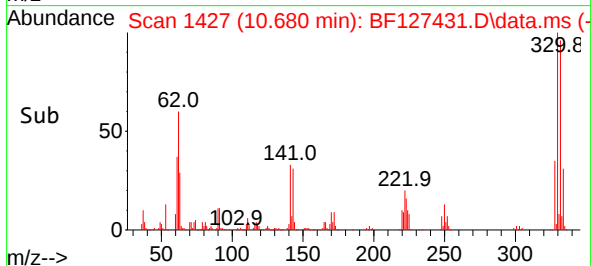
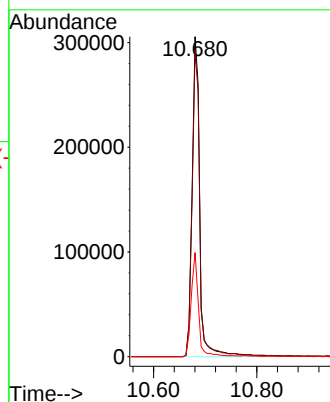
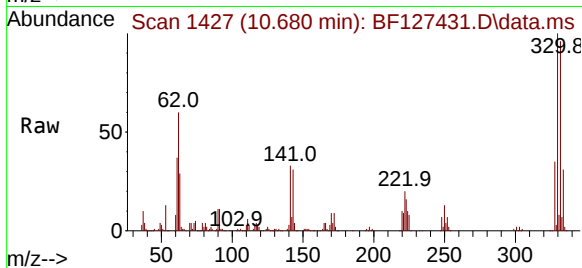
Tgt Ion:330 Resp: 313751

Ion Ratio Lower Upper

330 100

332 95.4 79.1 118.7

141 31.1 26.2 39.4



#45

2-Fluorobiphenyl

Concen: 90.502 ng

RT: 9.204 min Scan# 1176

Delta R.T. -0.006 min

Lab File: BF127431.D

Acq: 22 Mar 2022 03:16

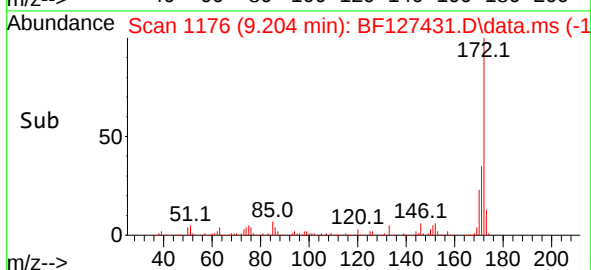
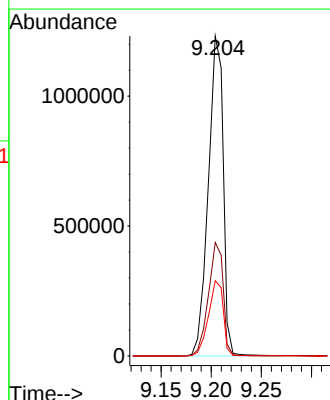
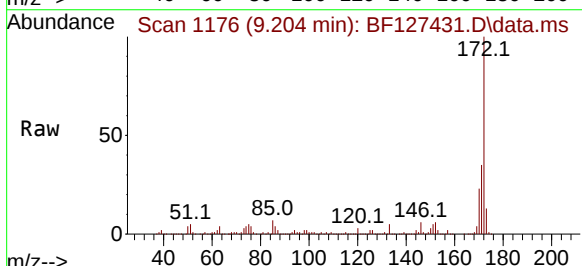
Tgt Ion:172 Resp: 1279122

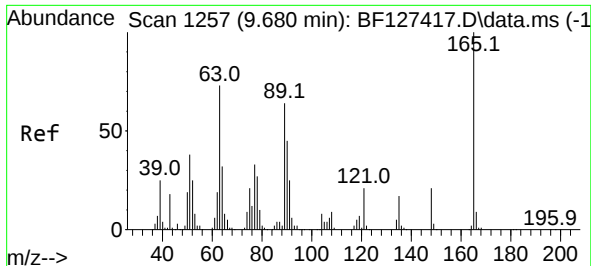
Ion Ratio Lower Upper

172 100

171 35.5 28.4 42.6

170 23.5 18.6 27.8





#51

2,6-Dinitrotoluene

Concen: 8.543 ng

RT: 9.886 min Scan# 1292

Delta R.T. 0.206 min

Lab File: BF127431.D

Acq: 22 Mar 2022 03:16

Instrument :

BNA_F

ClientSampleId :

C-4-3-4

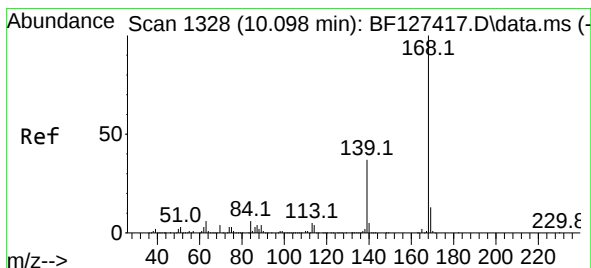
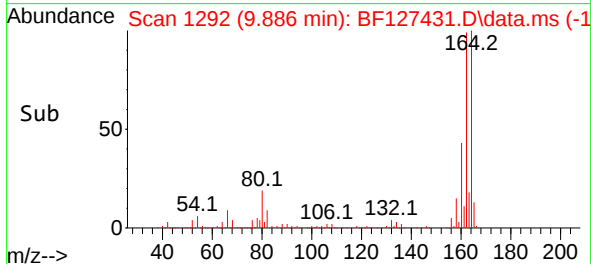
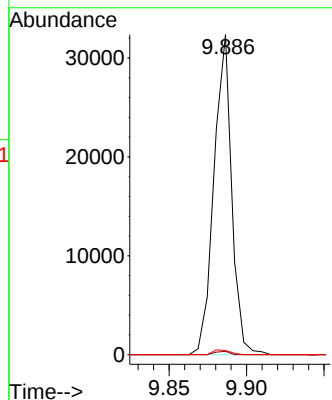
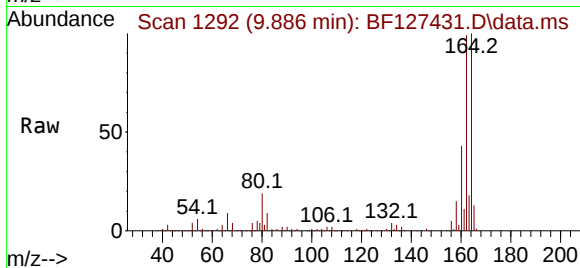
Tgt Ion:165 Resp: 25748

Ion Ratio Lower Upper

165 100

63 1.1 58.3 87.5#

89 1.3 51.5 77.3#



#55

Dibenzofuran

Concen: Below Cal

RT: 10.098 min Scan# 1328

Delta R.T. 0.000 min

Lab File: BF127431.D

Acq: 22 Mar 2022 03:16

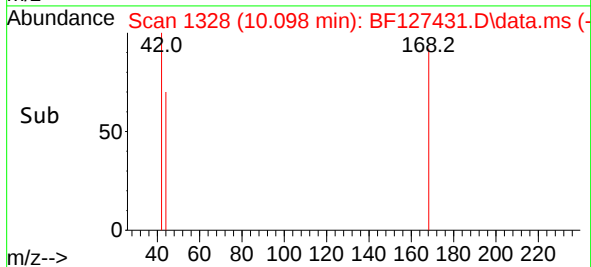
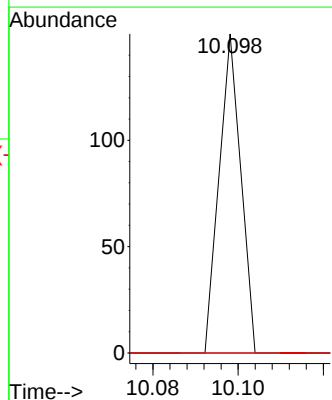
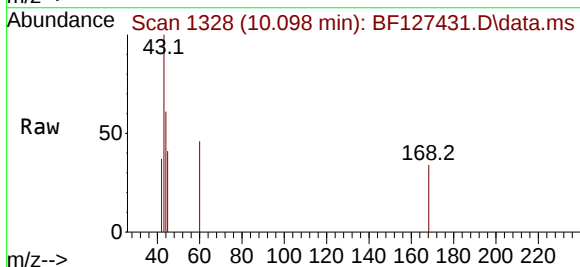
Tgt Ion:168 Resp: 53

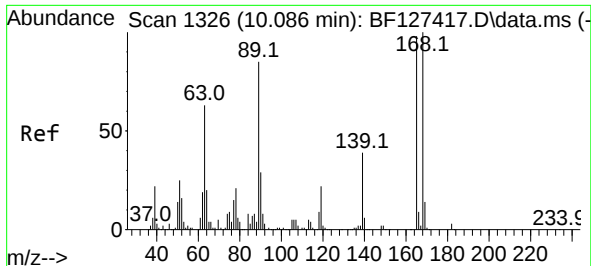
Ion Ratio Lower Upper

168 100

139 0.0 30.3 45.5#

169 0.0 10.8 16.2#

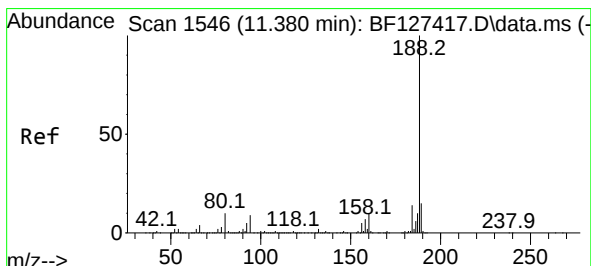
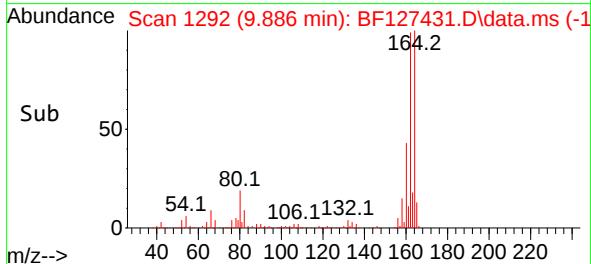
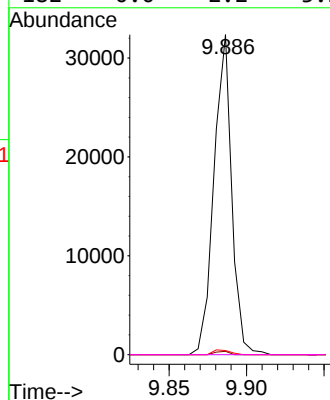
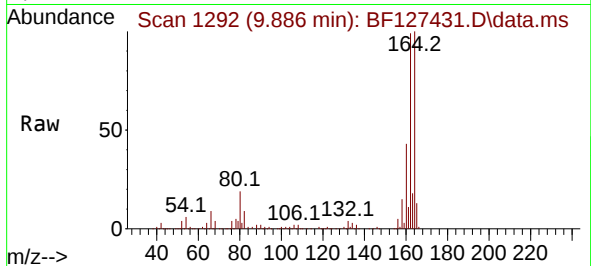




#57
2,4-Dinitrotoluene
Concen: 6.637 ng
RT: 9.886 min Scan# 11
Delta R.T. -0.200 min
Lab File: BF127431.D
Acq: 22 Mar 2022 03:16

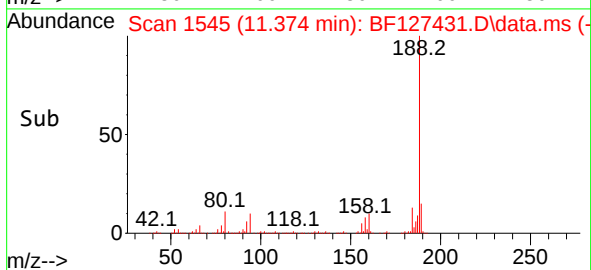
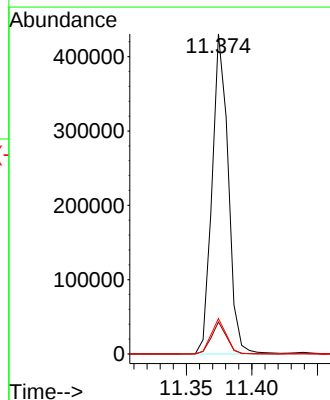
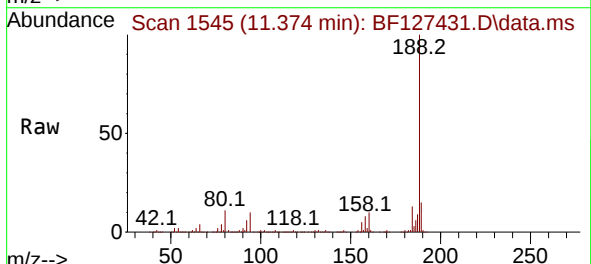
Instrument :
BNA_F
ClientSampleId :
C-4-3-4

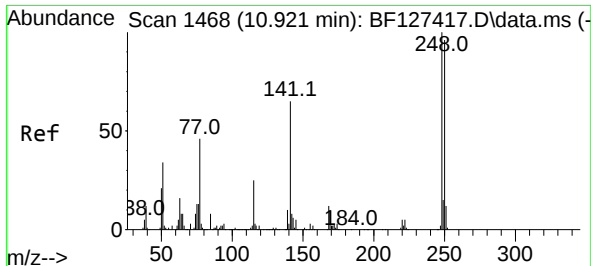
Tgt Ion:165 Resp: 25748
Ion Ratio Lower Upper
165 100
63 1.1 53.1 79.7#
89 1.3 69.2 103.8#
182 0.0 2.2 3.2#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.374 min Scan# 1545
Delta R.T. -0.006 min
Lab File: BF127431.D
Acq: 22 Mar 2022 03:16

Tgt Ion:188 Resp: 368989
Ion Ratio Lower Upper
188 100
94 10.0 7.4 11.0
80 11.0 8.0 12.0

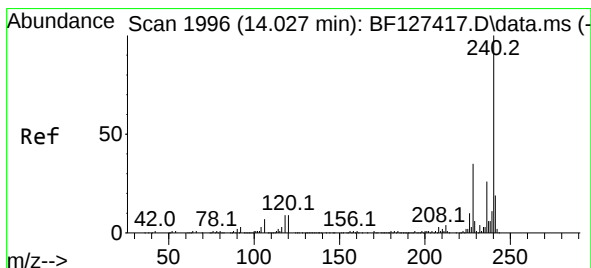
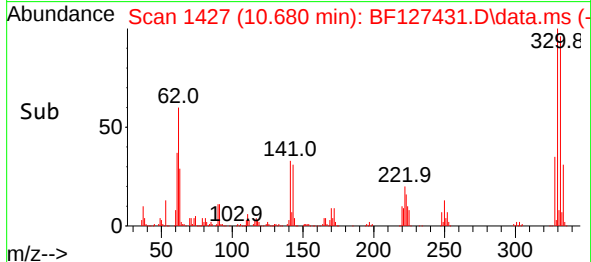
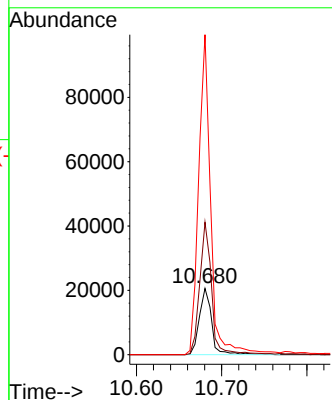
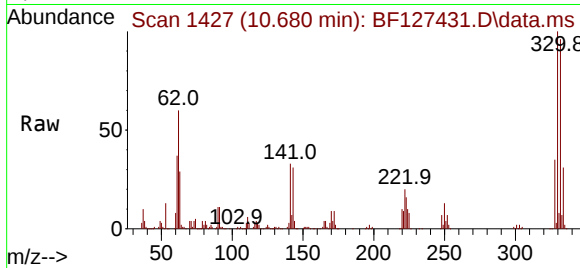




#67
4-Bromophenyl-phenylether
Concen: 4.807 ng
RT: 10.680 min Scan# 1468
Delta R.T. -0.241 min
Lab File: BF127431.D
Acq: 22 Mar 2022 03:16

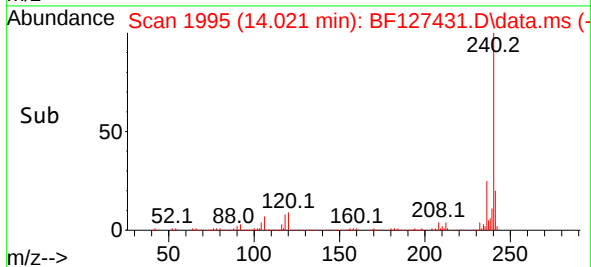
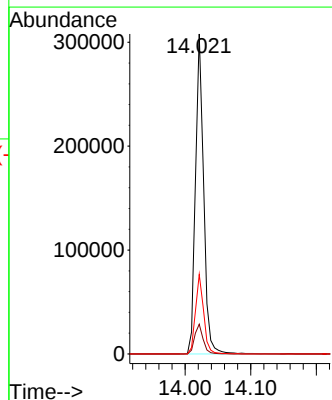
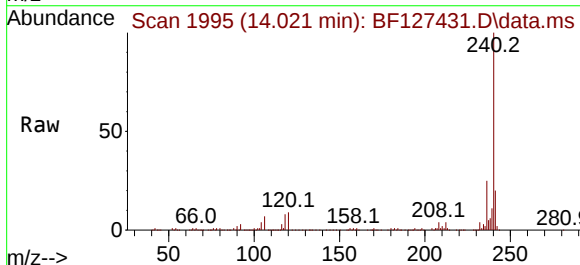
Instrument :
BNA_F
ClientSampleId :
C-4-3-4

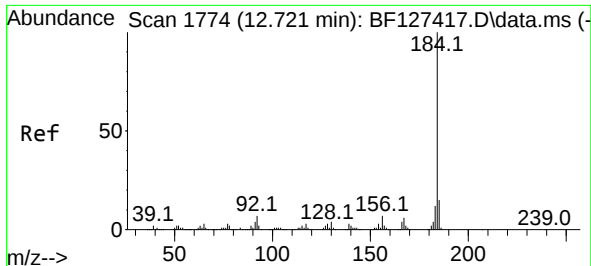
Tgt Ion:248 Resp: 20710
Ion Ratio Lower Upper
248 100
250 199.7 76.6 115.0#
141 482.5 52.2 78.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.021 min Scan# 1995
Delta R.T. -0.006 min
Lab File: BF127431.D
Acq: 22 Mar 2022 03:16

Tgt Ion:240 Resp: 268128
Ion Ratio Lower Upper
240 100
120 9.3 7.1 10.7
236 24.8 20.7 31.1

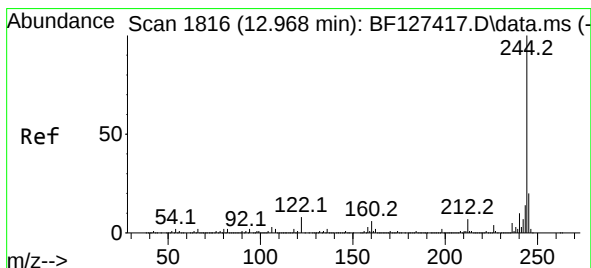
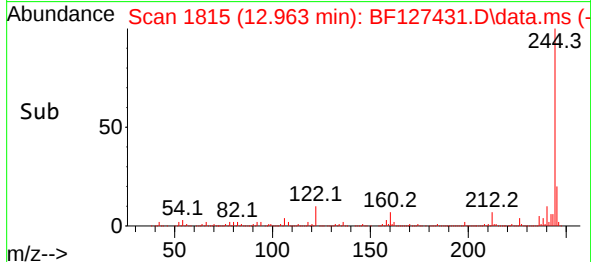
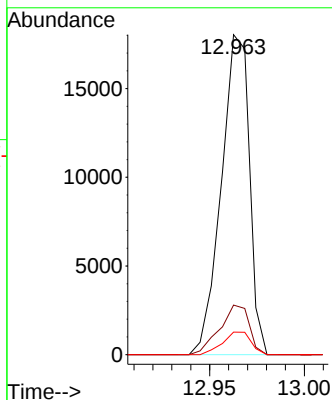
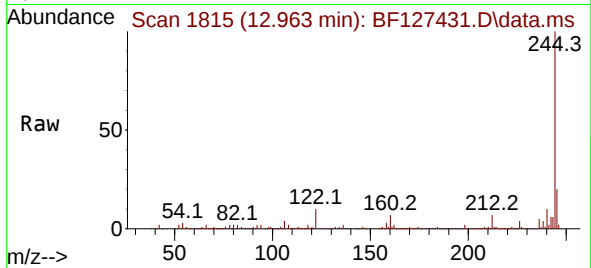




#77
Benzidine
Concen: 2.917 ng
RT: 12.963 min Scan# 1815
Delta R.T. 0.241 min
Lab File: BF127431.D
Acq: 22 Mar 2022 03:16

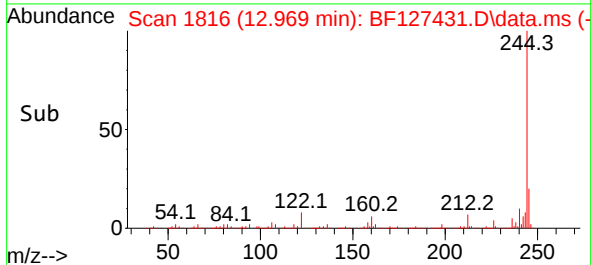
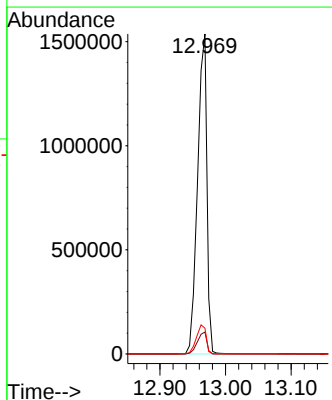
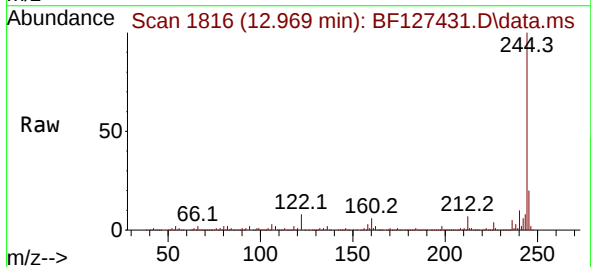
Instrument :
BNA_F
ClientSampleId :
C-4-3-4

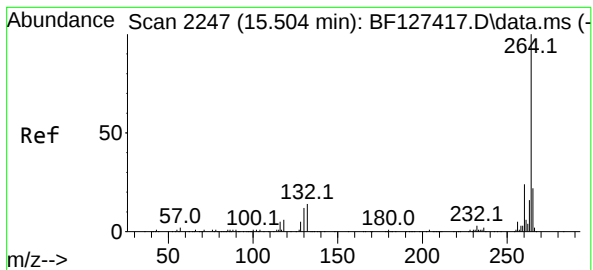
Tgt Ion:184 Resp: 18651
Ion Ratio Lower Upper
184 100
185 15.5 12.2 18.2
183 7.1 9.4 14.0#



#79
Terphenyl-d14
Concen: 93.021 ng
RT: 12.969 min Scan# 1816
Delta R.T. 0.000 min
Lab File: BF127431.D
Acq: 22 Mar 2022 03:16

Tgt Ion:244 Resp: 1523587
Ion Ratio Lower Upper
244 100
212 6.9 5.7 8.5
122 8.1 6.2 9.2





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.498 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BF127431.D
 Acq: 22 Mar 2022 03:16

Instrument :
 BNA_F
 ClientSampleId :
 C-4-3-4

Tgt Ion:264	Resp:	184654
Ion Ratio	Lower	Upper
264	100	
260	24.2	19.1 28.7
265	20.3	17.4 26.2

