

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032322\
 Data File : BF127472.D
 Acq On : 23 Mar 2022 11:06
 Operator : CG\JU
 Sample : PB143530BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB143530BL

Quant Time: Mar 24 02:11:16 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

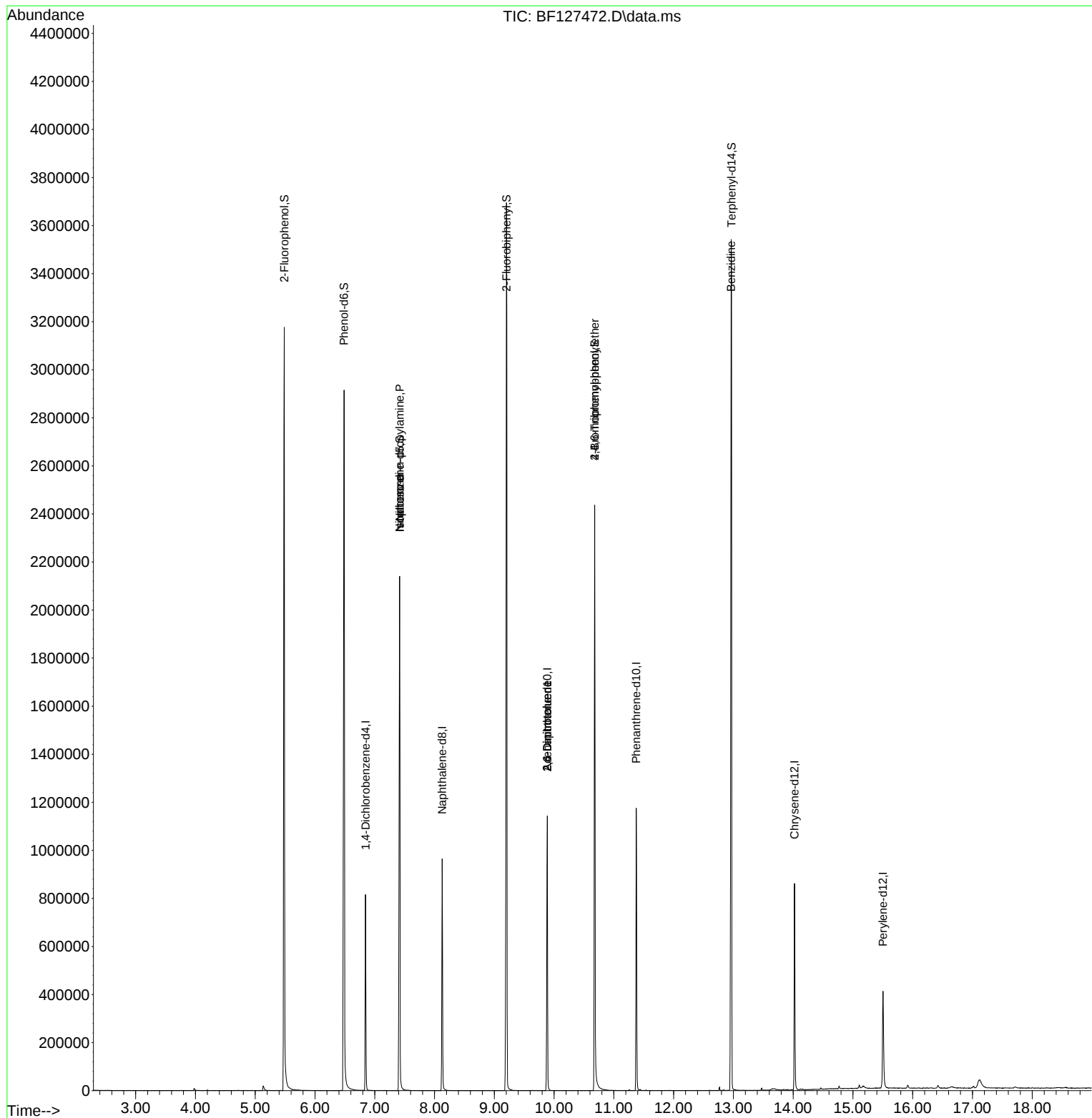
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.845	152	108257	20.000	ng	0.00
21) Naphthalene-d8	8.128	136	395153	20.000	ng	0.00
39) Acenaphthene-d10	9.886	164	232784	20.000	ng	0.00
64) Phenanthrene-d10	11.375	188	421092	20.000	ng	0.00
76) Chrysene-d12	14.021	240	291220	20.000	ng	0.00
86) Perylene-d12	15.504	264	199565	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	818000	120.612	ng	0.02
7) Phenol-d6	6.487	99	1122874	121.122	ng	0.00
23) Nitrobenzene-d5	7.416	82	780111	84.389	ng	0.00
42) 2,4,6-Tribromophenol	10.680	330	292497	117.955	ng	0.00
45) 2-Fluorobiphenyl	9.204	172	1308239	82.065	ng	0.00
79) Terphenyl-d14	12.969	244	1461848	82.174	ng	0.00
Target Compounds						
9) Benzaldehyde	6.481	77	2022	Below Cal	#	7
19) n-Nitroso-di-n-propyla...	7.416	70	105513	18.988	ng	# 80
25) Isophorone	7.416	82	780103	52.984	ng	# 70
51) 2,6-Dinitrotoluene	9.886	165	29182	8.584	ng	# 17
57) 2,4-Dinitrotoluene	9.886	165	29182	6.669	ng	# 13
58) Fluorene	10.680	166	10949	Below Cal	#	91
67) 4-Bromophenyl-phenylether	10.680	248	19406	3.947	ng	# 1
77) Benzidine	12.963	184	17951	2.585	ng	# 92

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

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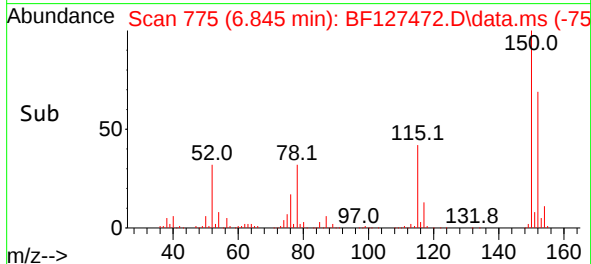
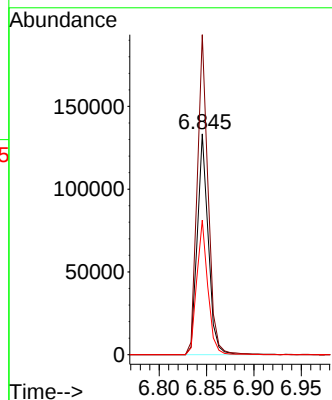
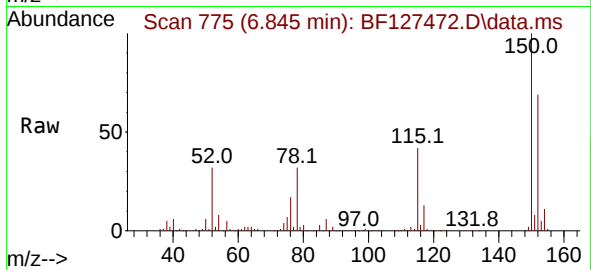




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.845 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF127472.D
Acq: 23 Mar 2022 11:06

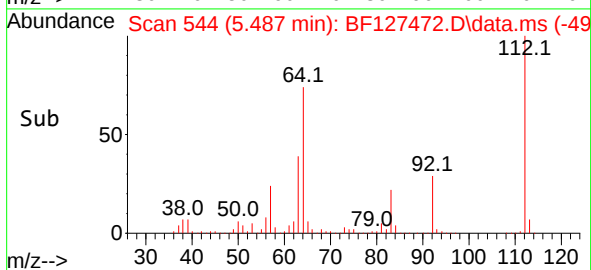
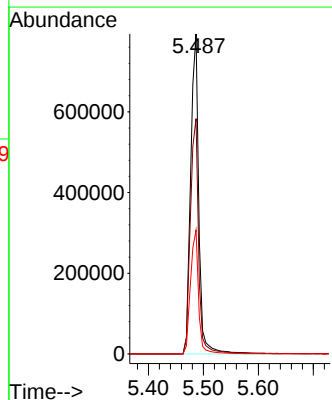
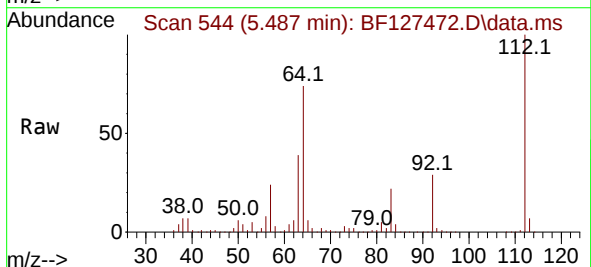
Instrument :
BNA_F
ClientSampleId :
PB143530BL

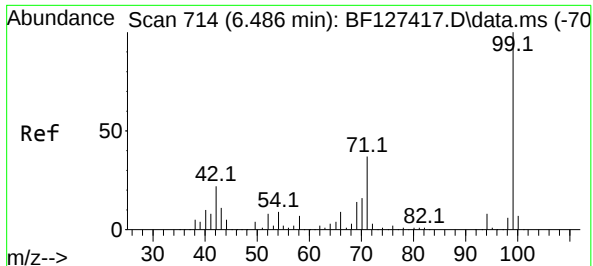
Tgt Ion:152 Resp: 108257
Ion Ratio Lower Upper
152 100
150 144.9 117.2 175.8
115 60.9 49.8 74.6



#5
2-Fluorophenol
Concen: 120.612 ng
RT: 5.487 min Scan# 544
Delta R.T. 0.018 min
Lab File: BF127472.D
Acq: 23 Mar 2022 11:06

Tgt Ion:112 Resp: 818000
Ion Ratio Lower Upper
112 100
64 73.6 58.4 87.6
63 38.7 30.1 45.1

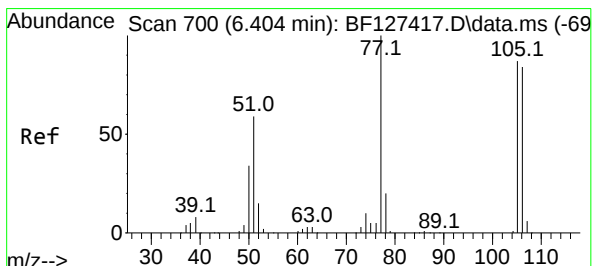
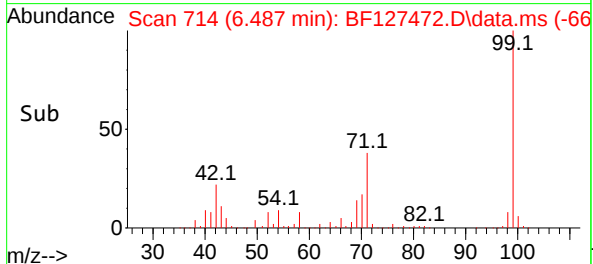
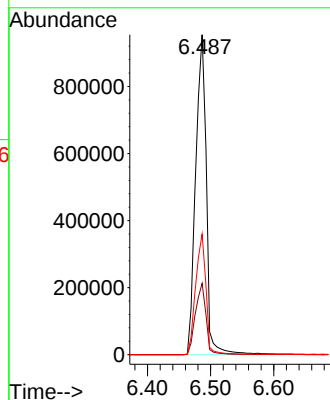
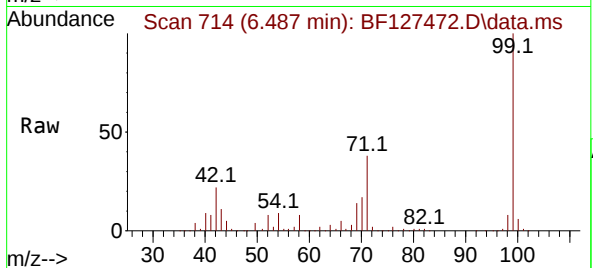




#7
Phenol-d6
Concen: 121.122 ng
RT: 6.487 min Scan# 714
Delta R.T. 0.000 min
Lab File: BF127472.D
Acq: 23 Mar 2022 11:06

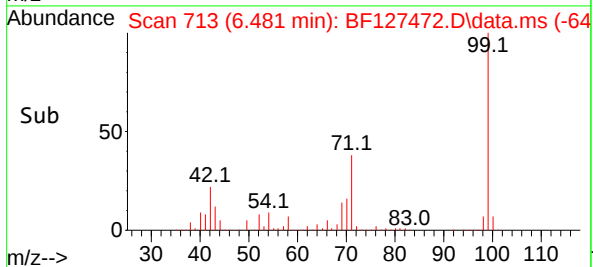
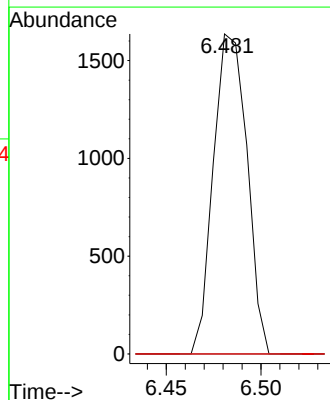
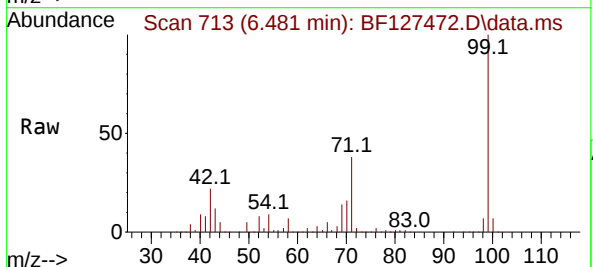
Instrument :
BNA_F
ClientSampleId :
PB143530BL

Tgt Ion: 99 Resp: 1122874
Ion Ratio Lower Upper
99 100
42 22.3 17.8 26.6
71 37.7 29.6 44.4



#9
Benzaldehyde
Concen: Below Cal
RT: 6.481 min Scan# 713
Delta R.T. 0.077 min
Lab File: BF127472.D
Acq: 23 Mar 2022 11:06

Tgt Ion: 77 Resp: 2022
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: 18.988 ng

RT: 7.416 min Scan# 81

Delta R.T. 0.153 min

Lab File: BF127472.D

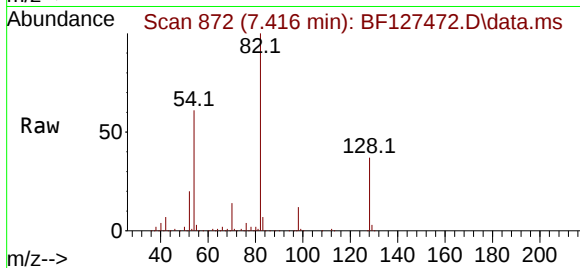
Acq: 23 Mar 2022 11:06

Instrument :

BNA_F

ClientSampleId :

PB143530BL



Tgt Ion: 70 Resp: 105513

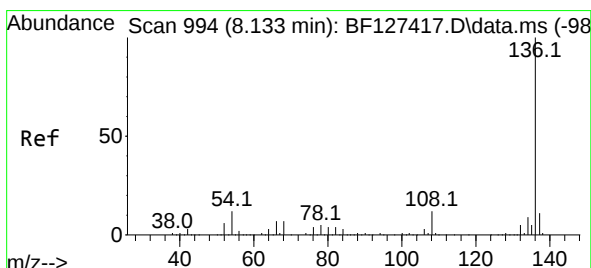
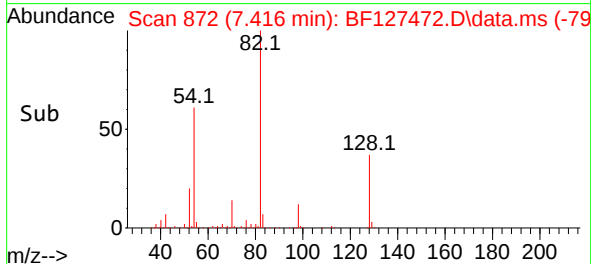
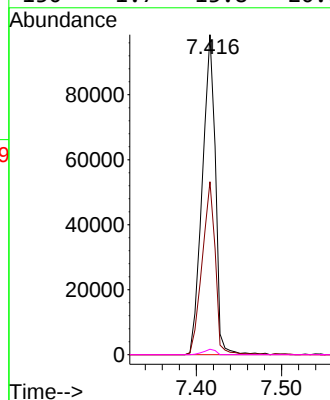
Ion Ratio Lower Upper

70 100

42 54.0 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: BF127472.D

Acq: 23 Mar 2022 11:06

Tgt Ion: 136 Resp: 395153

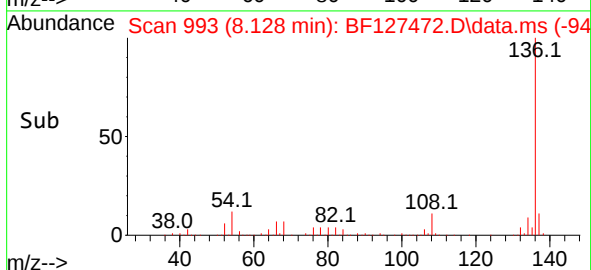
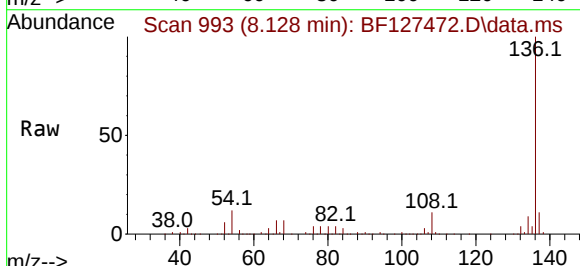
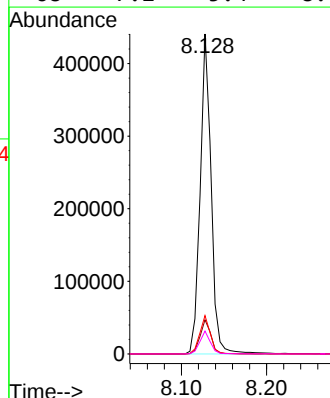
Ion Ratio Lower Upper

136 100

137 10.6 8.6 13.0

54 12.0 9.2 13.8

68 7.2 5.4 8.0





#23

Nitrobenzene-d5

Concen: 84.389 ng

RT: 7.416 min Scan# 81

Delta R.T. -0.006 min

Lab File: BF127472.D

Acq: 23 Mar 2022 11:06

Instrument :

BNA_F

ClientSampleId :

PB143530BL

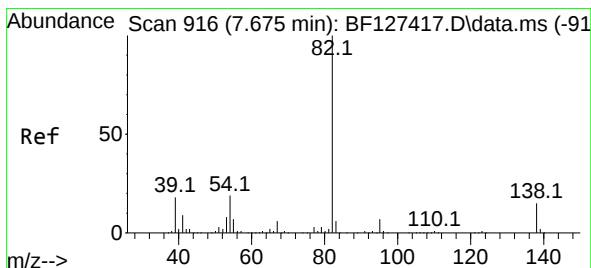
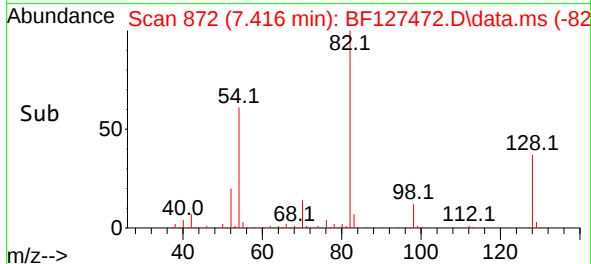
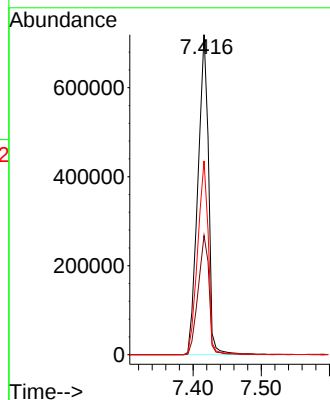
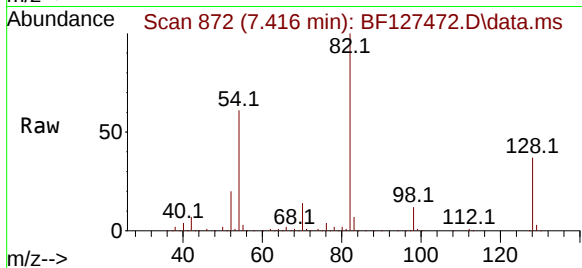
Tgt Ion: 82 Resp: 780111

Ion Ratio Lower Upper

82 100

128 37.2 30.6 45.8

54 60.6 48.2 72.2



#25

Isophorone

Concen: 52.984 ng

RT: 7.416 min Scan# 872

Delta R.T. -0.259 min

Lab File: BF127472.D

Acq: 23 Mar 2022 11:06

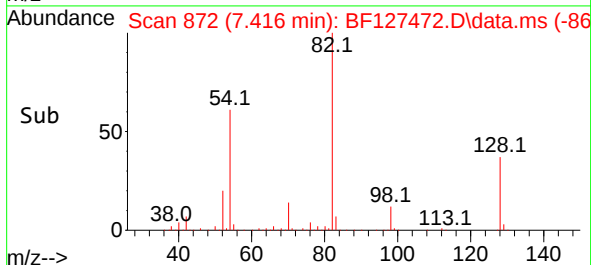
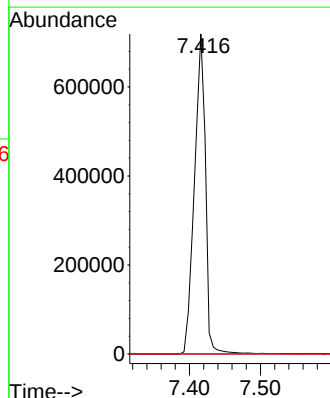
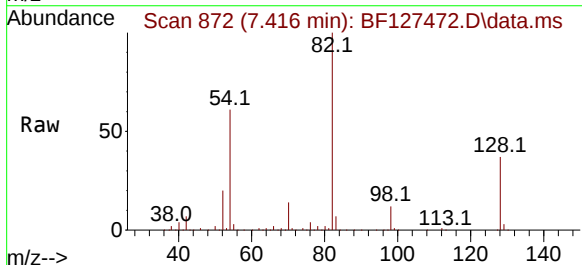
Tgt Ion: 82 Resp: 780103

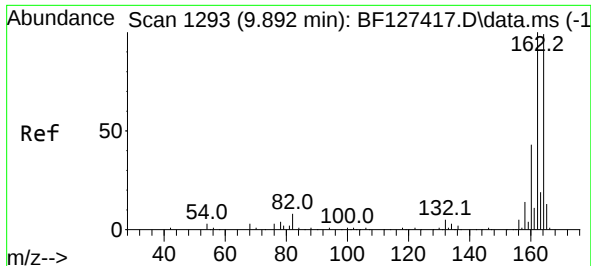
Ion Ratio Lower Upper

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: BF127472.D

Acq: 23 Mar 2022 11:06

Instrument :

BNA_F

ClientSampleId :

PB143530BL

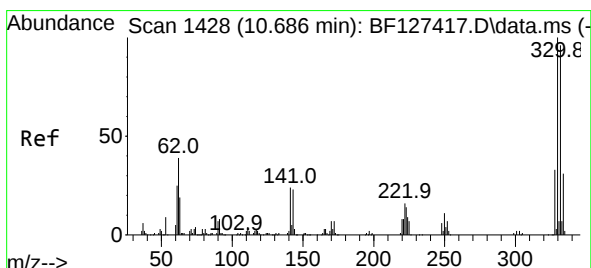
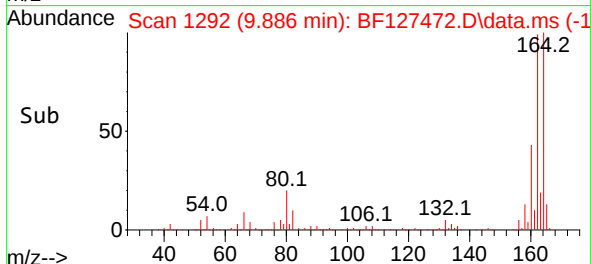
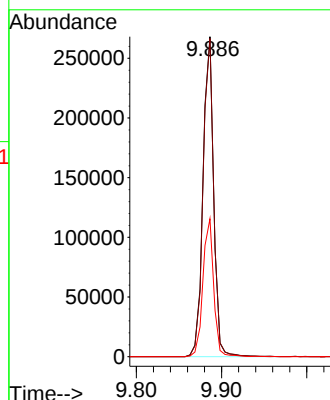
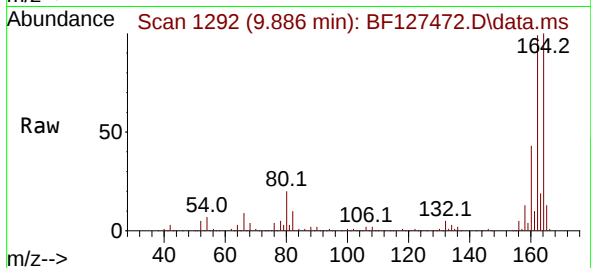
Tgt Ion:164 Resp: 232784

Ion Ratio Lower Upper

164 100

162 99.5 81.2 121.8

160 43.1 34.6 52.0



#42

2,4,6-Tribromophenol

Concen: 117.955 ng

RT: 10.680 min Scan# 1427

Delta R.T. -0.006 min

Lab File: BF127472.D

Acq: 23 Mar 2022 11:06

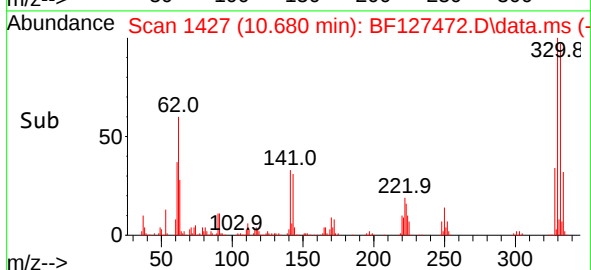
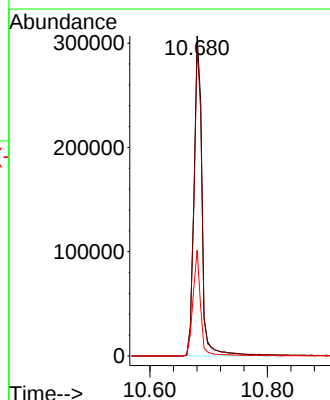
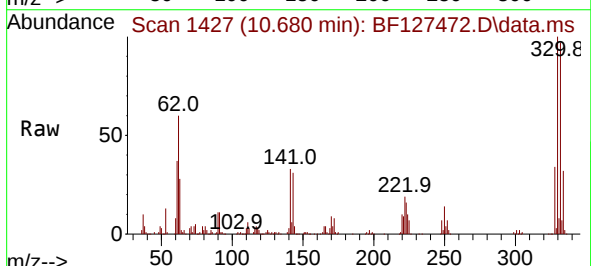
Tgt Ion:330 Resp: 292497

Ion Ratio Lower Upper

330 100

332 97.8 79.1 118.7

141 31.5 26.2 39.4

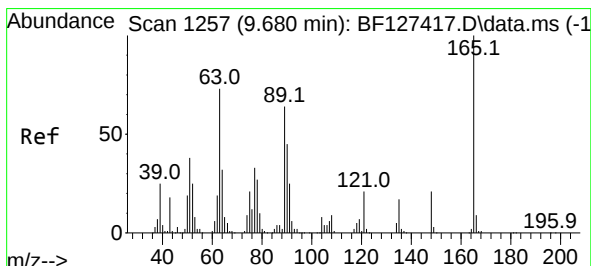
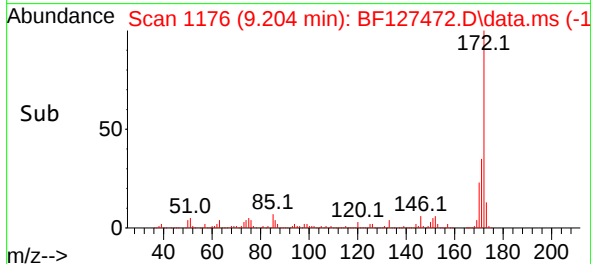
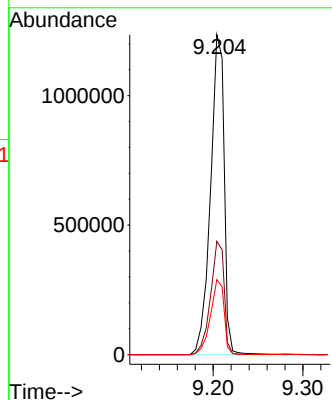
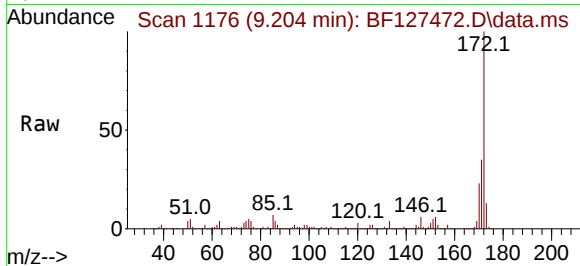




#45
2-Fluorobiphenyl
Concen: 82.065 ng
RT: 9.204 min Scan# 1177
Delta R.T. -0.006 min
Lab File: BF127472.D
Acq: 23 Mar 2022 11:06

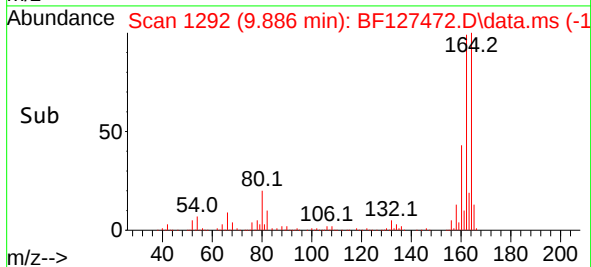
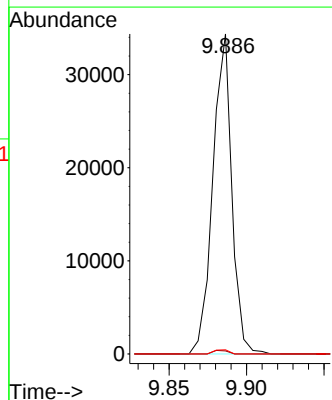
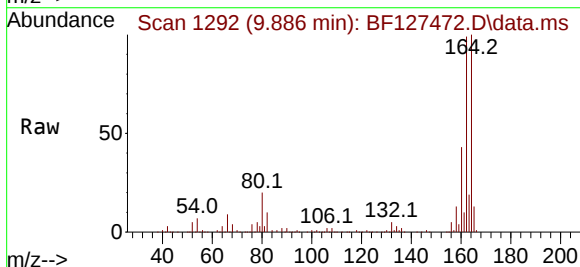
Instrument :
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Tgt Ion:172 Resp: 1308239
Ion Ratio Lower Upper
172 100
171 35.4 28.4 42.6
170 23.4 18.6 27.8



#51
2,6-Dinitrotoluene
Concen: 8.584 ng
RT: 9.886 min Scan# 1292
Delta R.T. 0.206 min
Lab File: BF127472.D
Acq: 23 Mar 2022 11:06

Tgt Ion:165 Resp: 29182
Ion Ratio Lower Upper
165 100
63 1.0 58.3 87.5#
89 1.3 51.5 77.3#

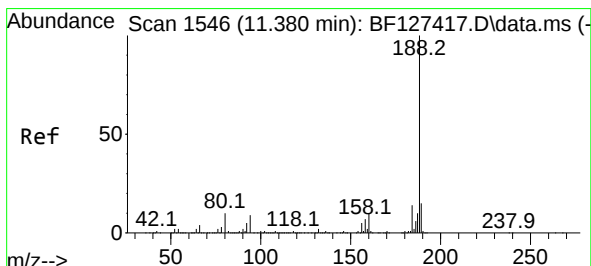
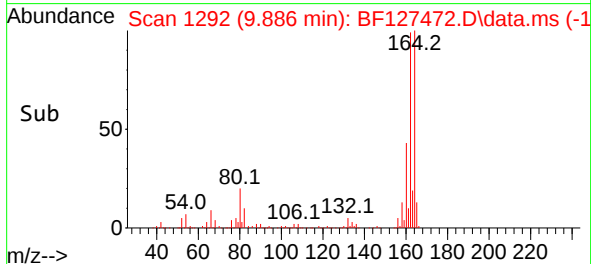
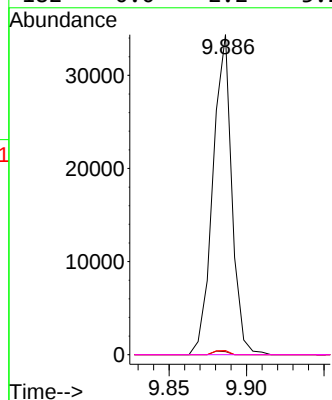
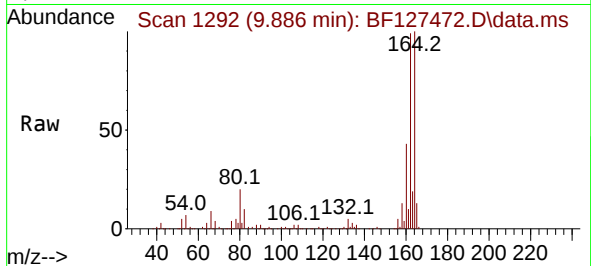




#57
2,4-Dinitrotoluene
Concen: 6.669 ng
RT: 9.886 min Scan# 11
Delta R.T. -0.200 min
Lab File: BF127472.D
Acq: 23 Mar 2022 11:06

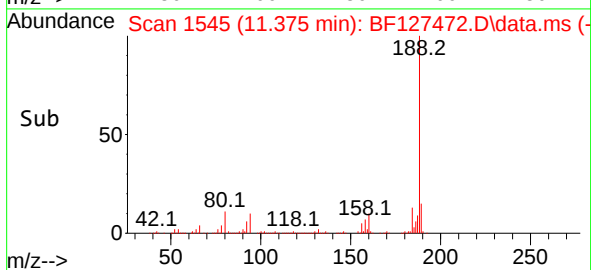
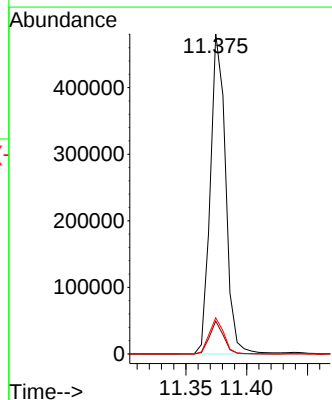
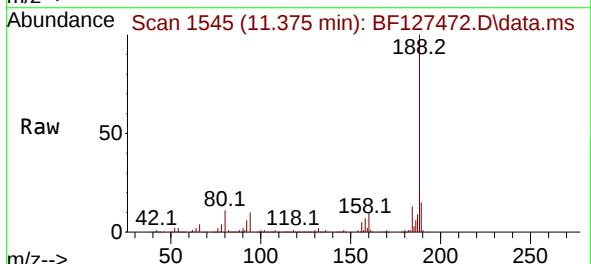
Instrument :
BNA_F
ClientSampleId :
PB143530BL

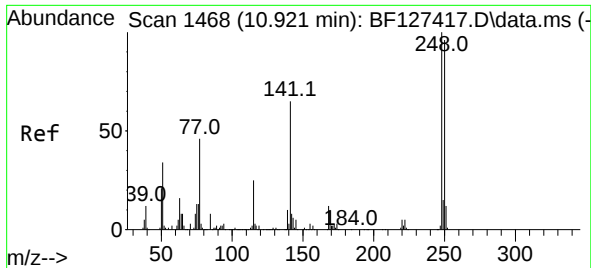
Tgt Ion:165 Resp: 29182
Ion Ratio Lower Upper
165 100
63 1.0 53.1 79.7#
89 1.3 69.2 103.8#
182 0.0 2.2 3.2#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.375 min Scan# 1545
Delta R.T. -0.005 min
Lab File: BF127472.D
Acq: 23 Mar 2022 11:06

Tgt Ion:188 Resp: 421092
Ion Ratio Lower Upper
188 100
94 10.3 7.4 11.0
80 11.3 8.0 12.0

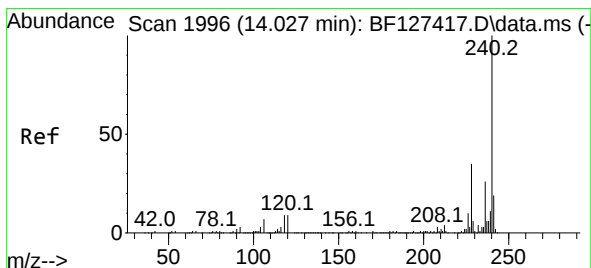
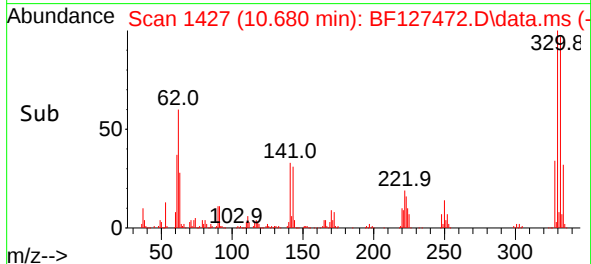
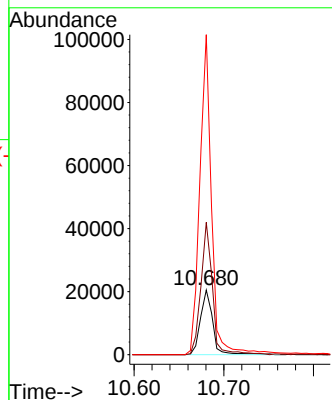
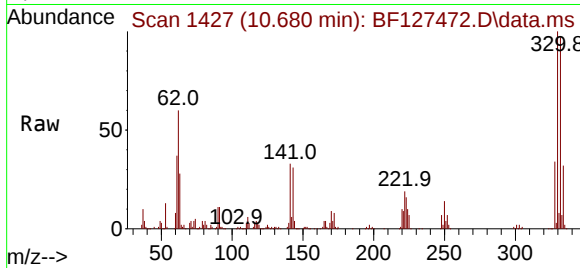




#67
4-Bromophenyl-phenylether
Concen: 3.947 ng
RT: 10.680 min Scan# 1468
Delta R.T. -0.241 min
Lab File: BF127472.D
Acq: 23 Mar 2022 11:06

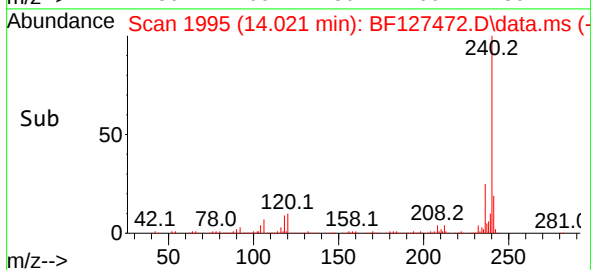
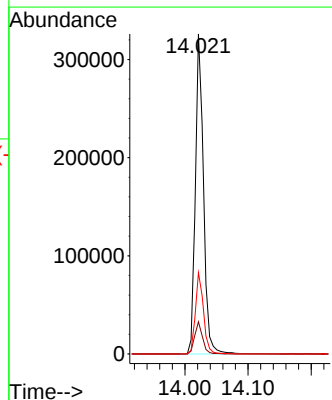
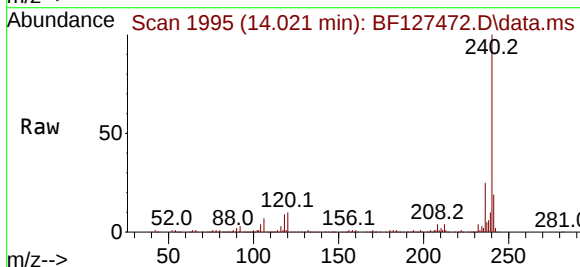
Instrument :
BNA_F
ClientSampleId :
PB143530BL

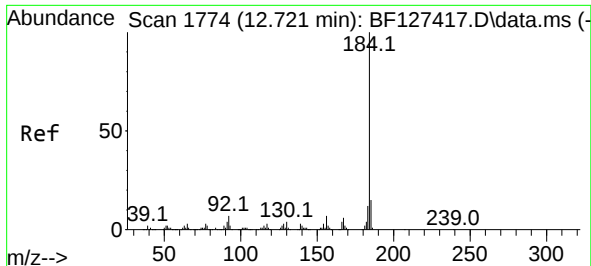
Tgt Ion:248 Resp: 19406
Ion Ratio Lower Upper
248 100
250 204.5 76.6 115.0#
141 494.4 52.2 78.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.021 min Scan# 1995
Delta R.T. -0.006 min
Lab File: BF127472.D
Acq: 23 Mar 2022 11:06

Tgt Ion:240 Resp: 291220
Ion Ratio Lower Upper
240 100
120 10.0 7.1 10.7
236 25.4 20.7 31.1

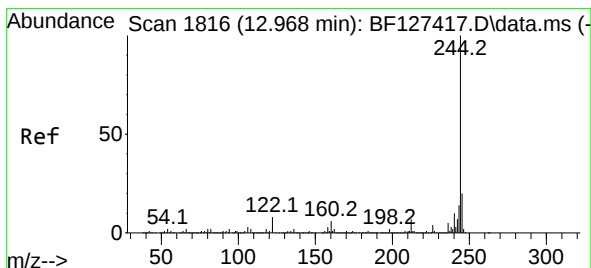
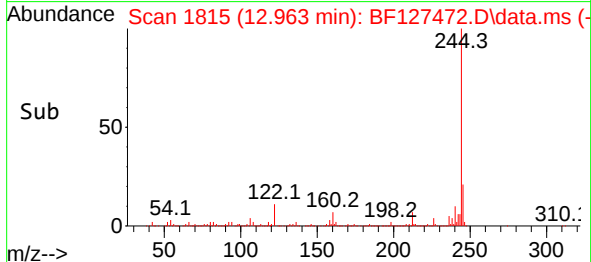
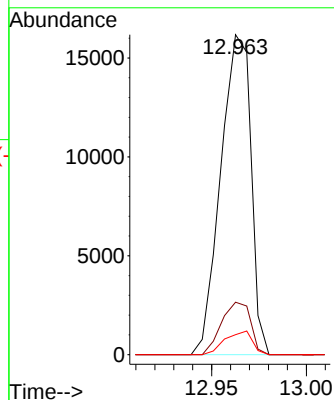
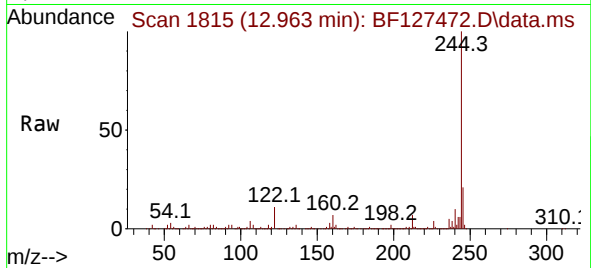




#77
Benzidine
Concen: 2.585 ng
RT: 12.963 min Scan# 1815
Delta R.T. 0.241 min
Lab File: BF127472.D
Acq: 23 Mar 2022 11:06

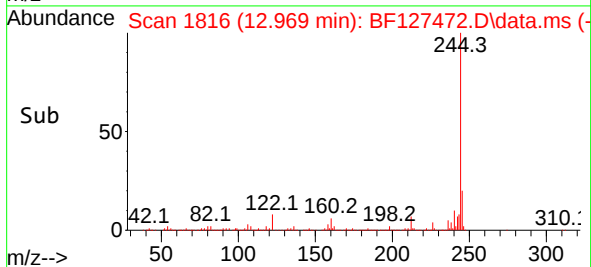
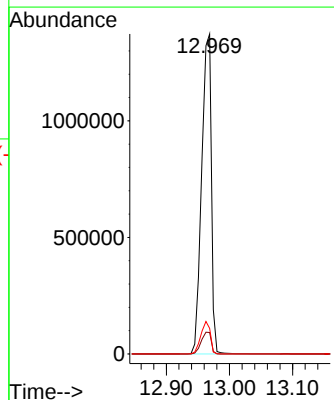
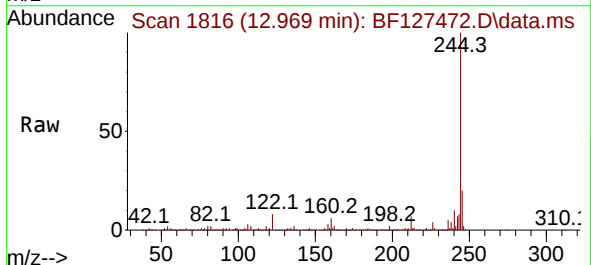
Instrument :
BNA_F
ClientSampleId :
PB143530BL

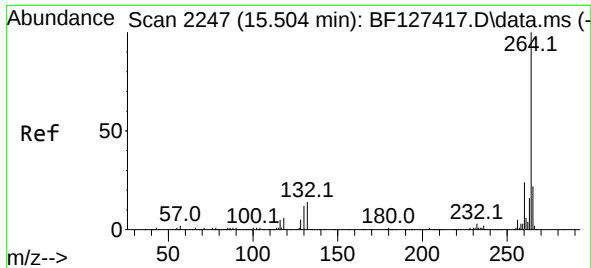
Tgt Ion:184 Resp: 17951
Ion Ratio Lower Upper
184 100
185 16.4 12.2 18.2
183 6.3 9.4 14.0#



#79
Terphenyl-d14
Concen: 82.174 ng
RT: 12.969 min Scan# 1816
Delta R.T. 0.000 min
Lab File: BF127472.D
Acq: 23 Mar 2022 11:06

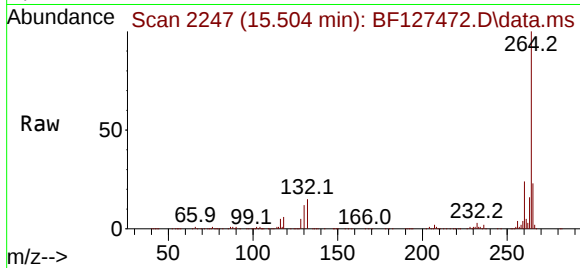
Tgt Ion:244 Resp: 1461848
Ion Ratio Lower Upper
244 100
212 6.7 5.7 8.5
122 8.0 6.2 9.2





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.504 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BF127472.D
 Acq: 23 Mar 2022 11:06

Instrument :
 BNA_F
 ClientSampleId :
 PB143530BL



Tgt Ion:264 Resp: 199565
 Ion Ratio Lower Upper
 264 100
 260 24.5 19.1 28.7
 265 22.9 17.4 26.2

