

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052522\
 Data File : BF128469.D
 Acq On : 25 May 2022 19:49
 Operator : CG\JU
 Sample : N2897-08 2X
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P042-SS001-1218-01

Quant Time: May 26 01:01:50 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052022.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 25 12:38:46 2022
 Response via : Initial Calibration

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

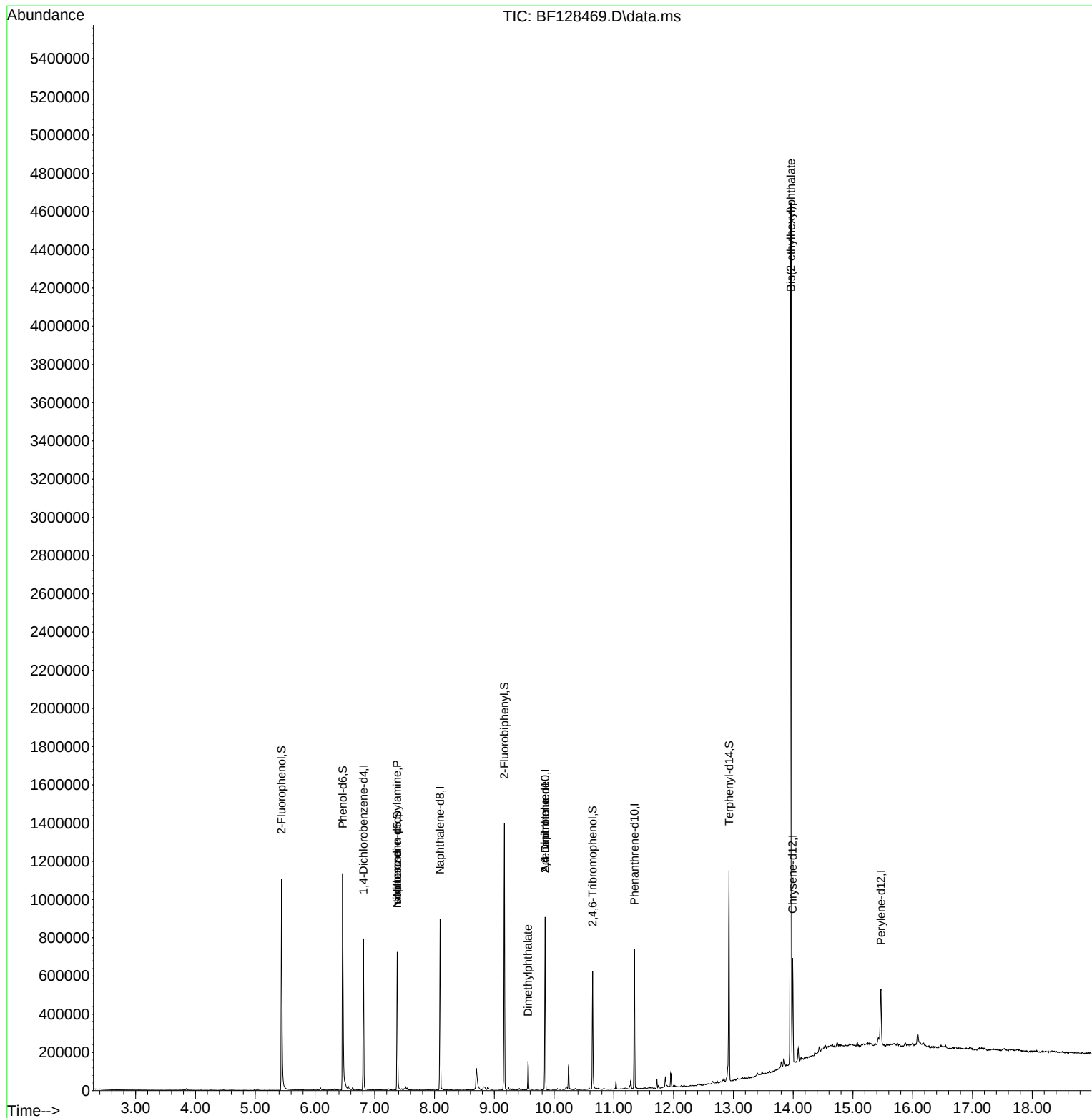
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.810	152	105748	20.000	ng	0.00
21) Naphthalene-d8	8.092	136	366892	20.000	ng	0.00
39) Acenaphthene-d10	9.851	164	169439	20.000	ng	0.00
64) Phenanthrene-d10	11.345	188	259761	20.000	ng	0.00
76) Chrysene-d12	13.992	240	186372	20.000	ng	# 0.00
86) Perylene-d12	15.468	264	134727	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.440	112	312309	46.999	ng	0.00
7) Phenol-d6	6.463	99	388675	44.419	ng	0.00
23) Nitrobenzene-d5	7.375	82	245871	30.026	ng	0.00
42) 2,4,6-Tribromophenol	10.645	330	68075	38.957	ng	0.00
45) 2-Fluorobiphenyl	9.169	172	388977	37.542	ng	0.00
79) Terphenyl-d14	12.927	244	335774	34.779	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.398	77	661	Below Cal	#	26
19) n-Nitroso-di-n-propyla...	7.375	70	33349	6.373 ng	#	78
25) Isophorone	7.375	82	245869	19.593 ng	#	68
50) Dimethylphthalate	9.563	163	52923	4.903 ng		98
51) 2,6-Dinitrotoluene	9.851	165	21507	9.111 ng	#	21
57) 2,4-Dinitrotoluene	9.851	165	21507	7.231 ng	#	26
84) Bis(2-ethylhexyl)phtha...	13.963	149	1364351	184.371 ng		99

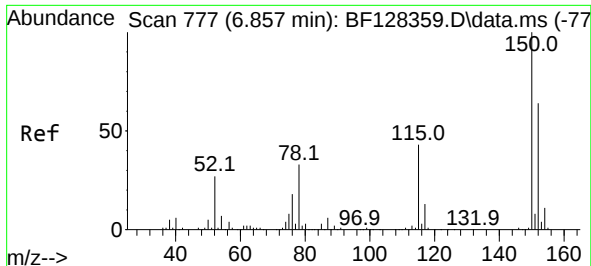
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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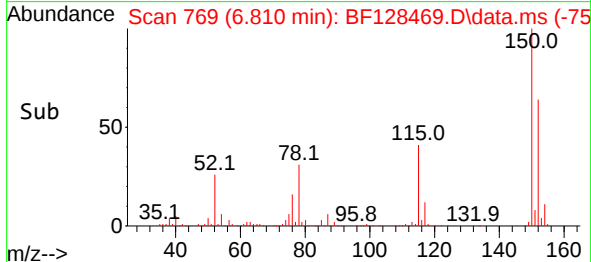
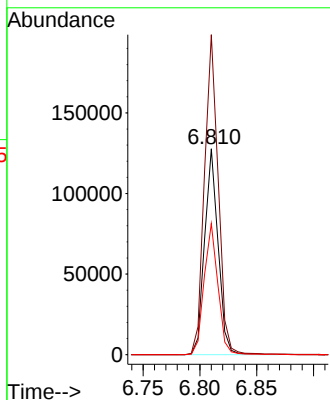
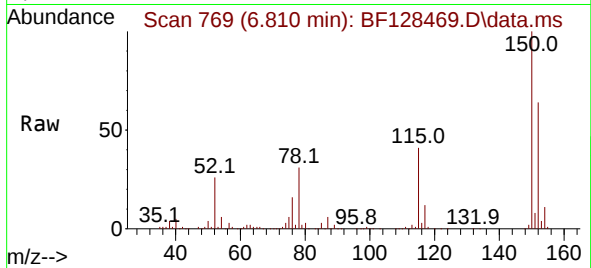




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.810 min Scan# 70
Delta R.T. 0.000 min
Lab File: BF128469.D
Acq: 25 May 2022 19:49

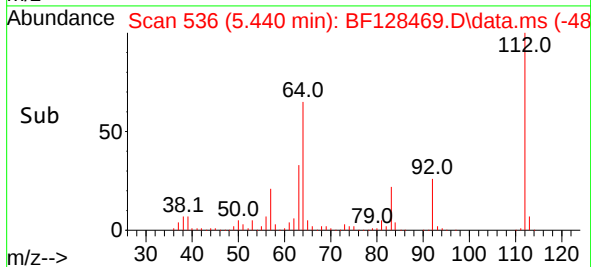
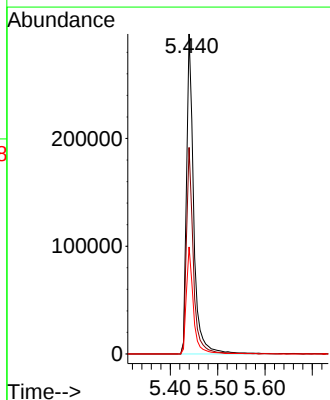
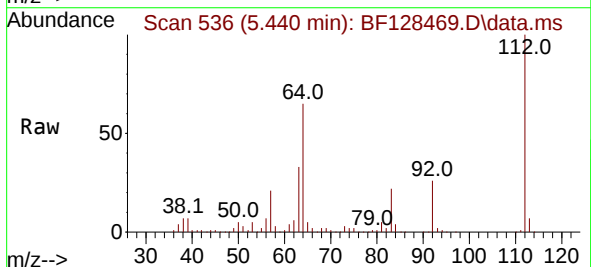
Instrument :
BNA_F
ClientSampleId :
P042-SS001-1218-01

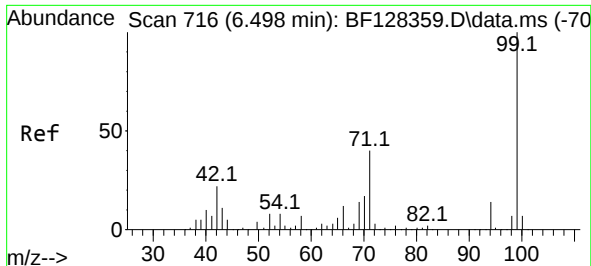
Tgt Ion:152 Resp: 105748
Ion Ratio Lower Upper
152 100
150 155.4 125.3 187.9
115 63.6 48.8 73.2



#5
2-Fluorophenol
Concen: 46.999 ng
RT: 5.440 min Scan# 536
Delta R.T. 0.006 min
Lab File: BF128469.D
Acq: 25 May 2022 19:49

Tgt Ion:112 Resp: 312309
Ion Ratio Lower Upper
112 100
64 64.5 49.5 74.3
63 33.5 26.3 39.5

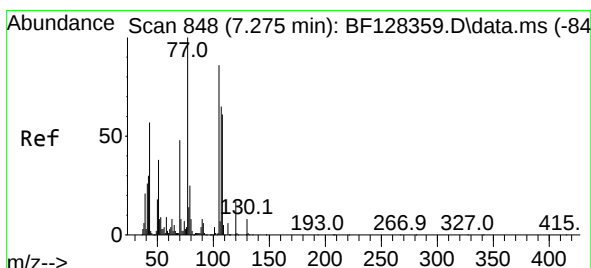
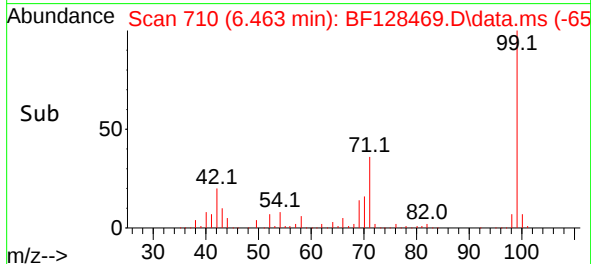
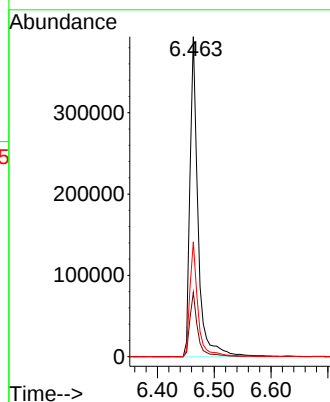
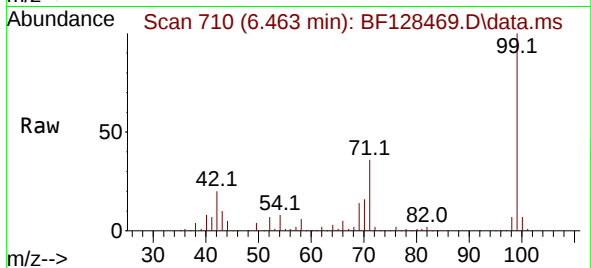




#7
Phenol-d6
Concen: 44.419 ng
RT: 6.463 min Scan# 716
Delta R.T. 0.006 min
Lab File: BF128469.D
Acq: 25 May 2022 19:49

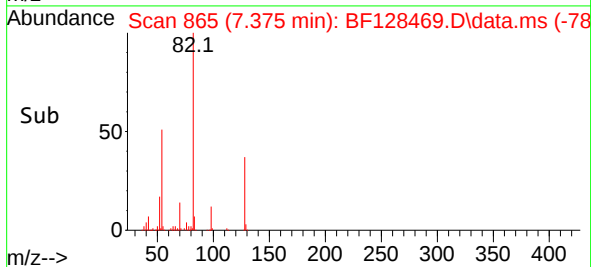
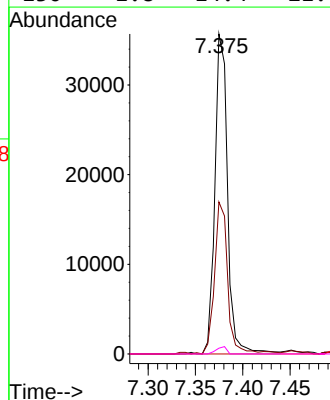
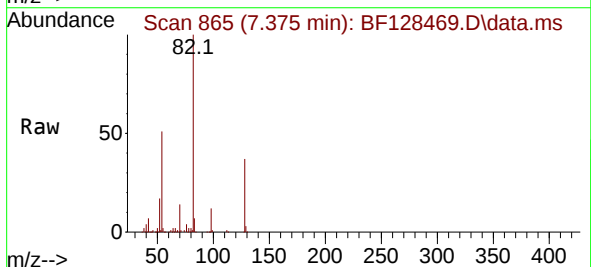
Instrument :
BNA_F
ClientSampleId :
P042-SS001-1218-01

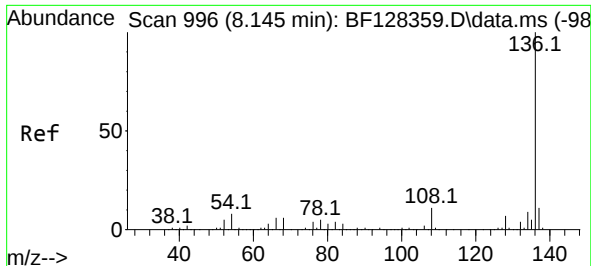
Tgt Ion: 99 Resp: 388675
Ion Ratio Lower Upper
99 100
42 20.1 16.6 24.8
71 35.9 30.0 45.0



#19
n-Nitroso-di-n-propylamine
Concen: 6.373 ng
RT: 7.375 min Scan# 865
Delta R.T. 0.147 min
Lab File: BF128469.D
Acq: 25 May 2022 19:49

Tgt Ion: 70 Resp: 33349
Ion Ratio Lower Upper
70 100
42 47.5 48.7 73.1#
101 0.0 7.2 10.8#
130 1.8 14.4 21.6#

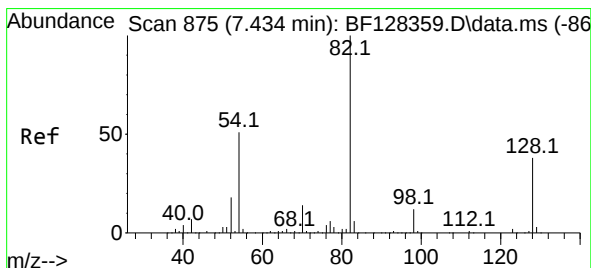
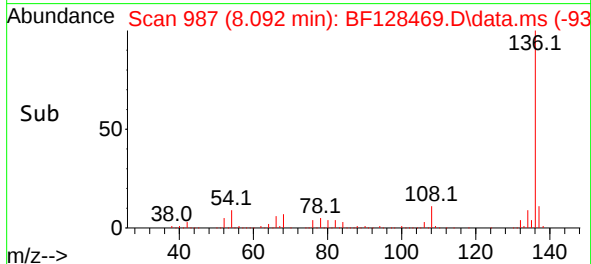
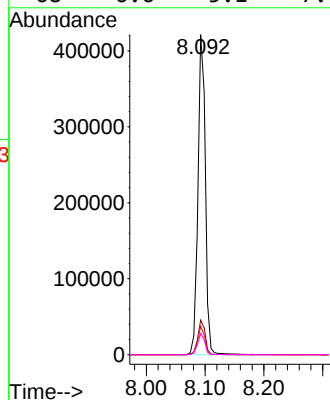
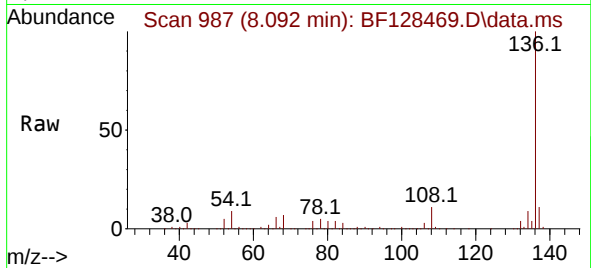




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.092 min Scan# 91
Delta R.T. -0.000 min
Lab File: BF128469.D
Acq: 25 May 2022 19:49

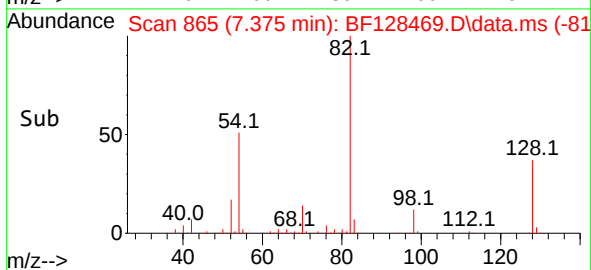
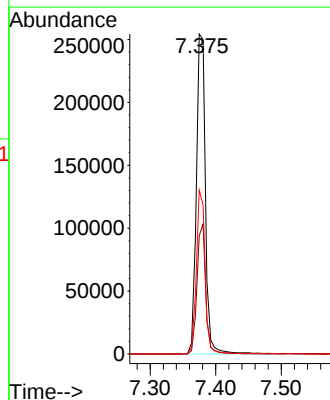
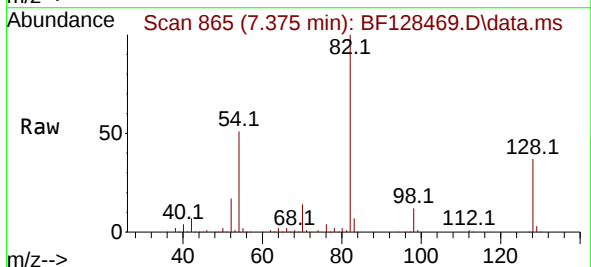
Instrument :
BNA_F
ClientSampleId :
P042-SS001-1218-01

Tgt Ion:136	Resp: 366892
Ion Ratio	Lower Upper
136 100	
137 10.8	8.6 13.0
54 8.9	6.8 10.2
68 6.6	5.1 7.7



#23
Nitrobenzene-d5
Concen: 30.026 ng
RT: 7.375 min Scan# 865
Delta R.T. -0.006 min
Lab File: BF128469.D
Acq: 25 May 2022 19:49

Tgt Ion: 82	Resp: 245871
Ion Ratio	Lower Upper
82 100	
128 37.0	30.0 45.0
54 51.2	41.3 61.9

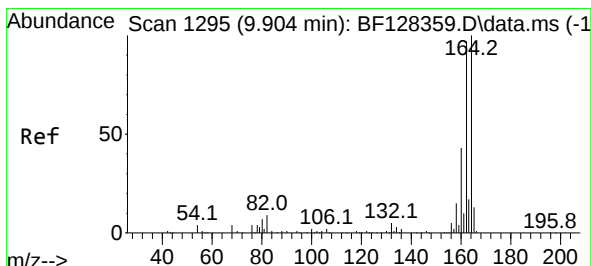
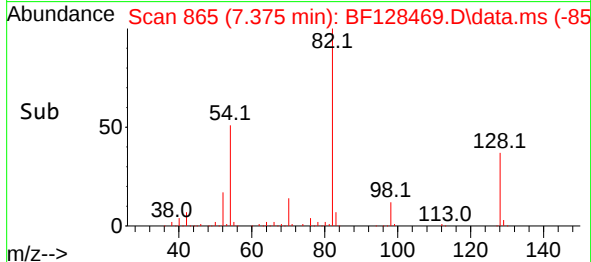
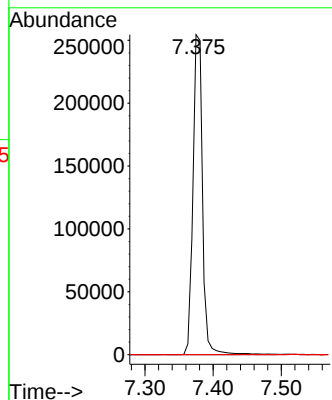
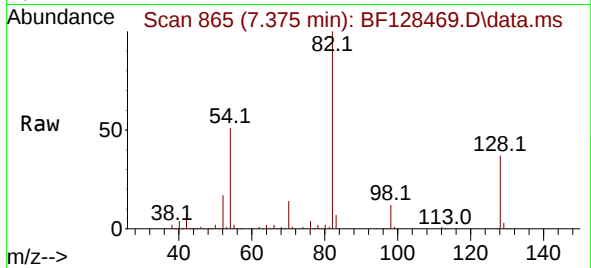




#25
Isophorone
Concen: 19.593 ng
RT: 7.375 min Scan# 80
Delta R.T. -0.265 min
Lab File: BF128469.D
Acq: 25 May 2022 19:49

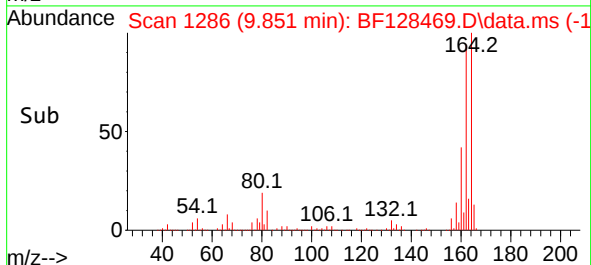
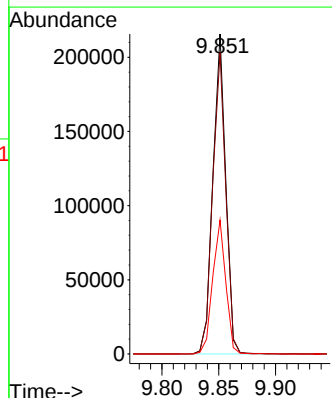
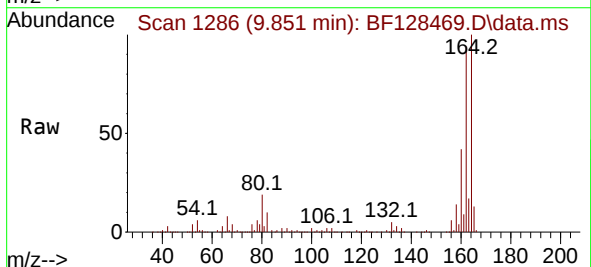
Instrument :
BNA_F
ClientSampleId :
P042-SS001-1218-01

Tgt Ion: 82 Resp: 245869
Ion Ratio Lower Upper
82 100
95 0.0 5.6 8.4#
138 0.0 12.5 18.7#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.851 min Scan# 1286
Delta R.T. -0.000 min
Lab File: BF128469.D
Acq: 25 May 2022 19:49

Tgt Ion: 164 Resp: 169439
Ion Ratio Lower Upper
164 100
162 94.2 76.0 114.0
160 41.9 34.8 52.2





#42

2,4,6-Tribromophenol

Concen: 38.957 ng

RT: 10.645 min Scan# 1430

Delta R.T. -0.000 min

Lab File: BF128469.D

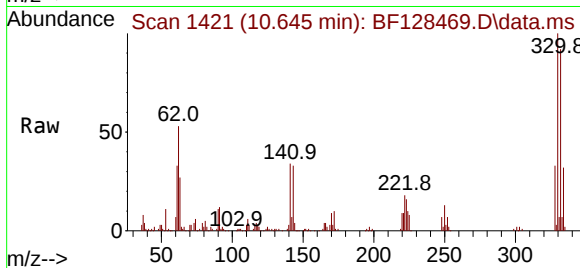
Acq: 25 May 2022 19:49

Instrument :

BNA_F

ClientSampleId :

P042-SS001-1218-01



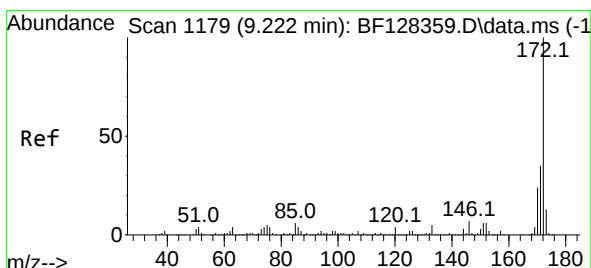
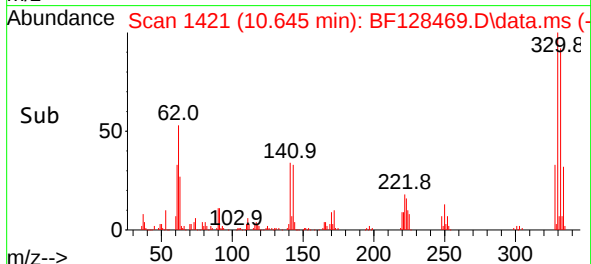
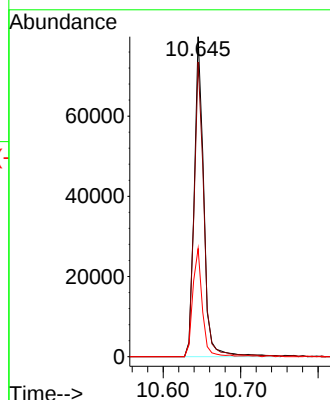
Tgt Ion:330 Resp: 68075

Ion Ratio Lower Upper

330 100

332 94.6 79.0 118.4

141 34.0 28.9 43.3



#45

2-Fluorobiphenyl

Concen: 37.542 ng

RT: 9.169 min Scan# 1170

Delta R.T. -0.000 min

Lab File: BF128469.D

Acq: 25 May 2022 19:49

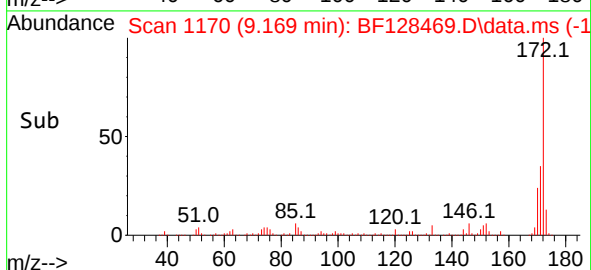
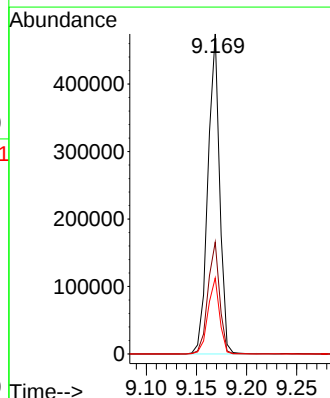
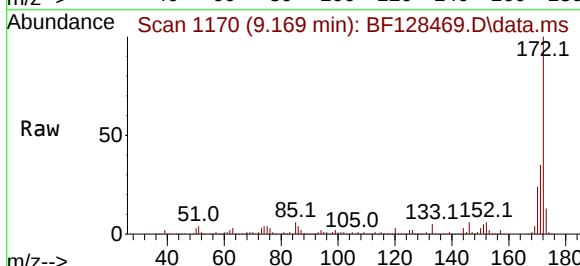
Tgt Ion:172 Resp: 388977

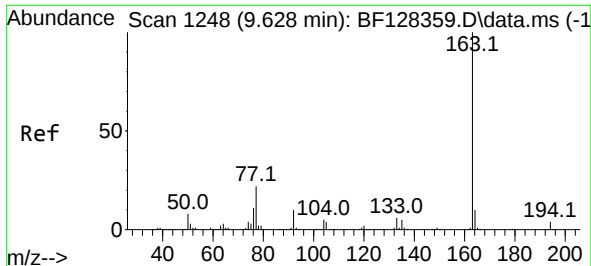
Ion Ratio Lower Upper

172 100

171 34.9 28.6 42.8

170 23.8 19.1 28.7

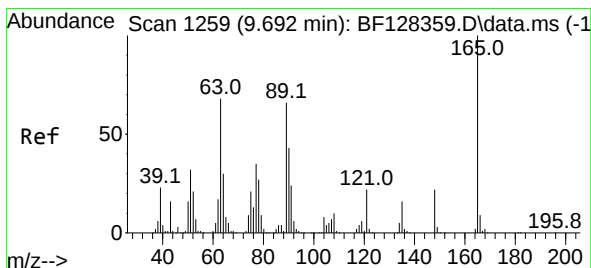
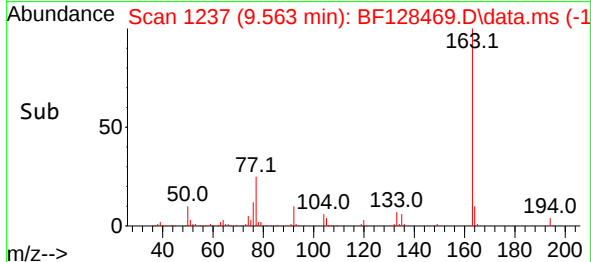
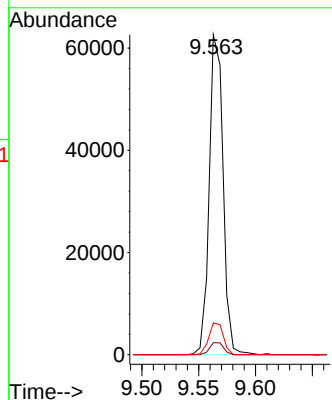
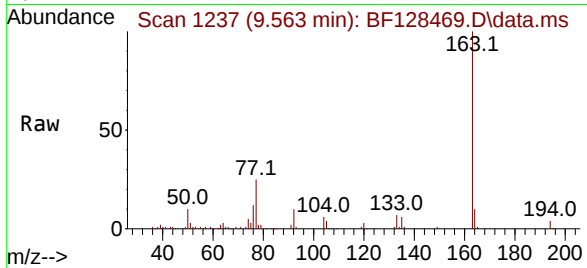




#50
Dimethylphthalate
Concen: 4.903 ng
RT: 9.563 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF128469.D
Acq: 25 May 2022 19:49

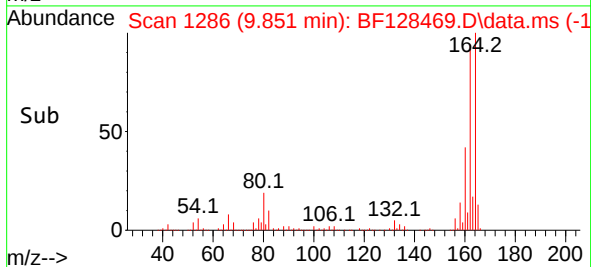
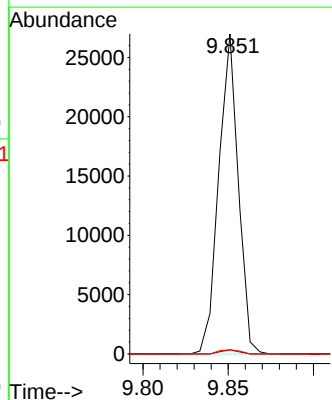
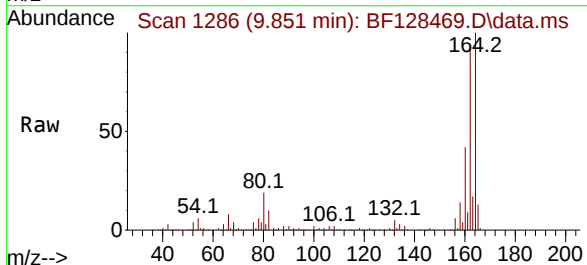
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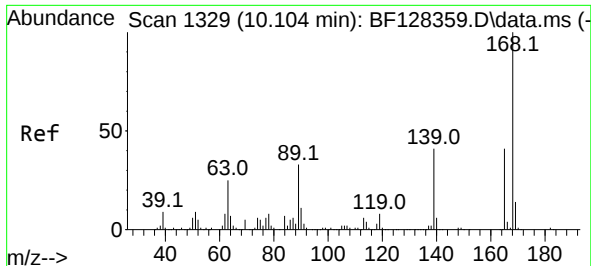
Tgt Ion:163 Resp: 52923
Ion Ratio Lower Upper
163 100
194 3.7 3.1 4.7
164 9.9 8.6 13.0



#51
2,6-Dinitrotoluene
Concen: 9.111 ng
RT: 9.851 min Scan# 1286
Delta R.T. 0.206 min
Lab File: BF128469.D
Acq: 25 May 2022 19:49

Tgt Ion:165 Resp: 21507
Ion Ratio Lower Upper
165 100
63 1.3 49.5 74.3#
89 1.3 49.0 73.4#





#57

2,4-Dinitrotoluene

Concen: 7.231 ng

RT: 9.851 min Scan# 1

Delta R.T. -0.200 min

Lab File: BF128469.D

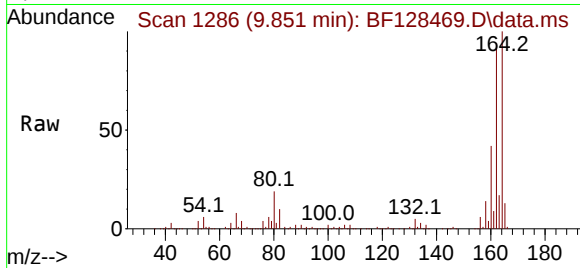
Acq: 25 May 2022 19:49

Instrument :

BNA_F

ClientSampleId :

P042-SS001-1218-01



Tgt Ion:165 Resp: 21507

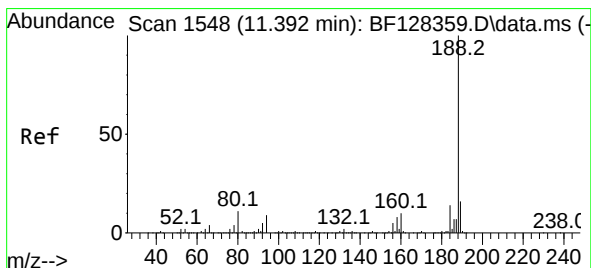
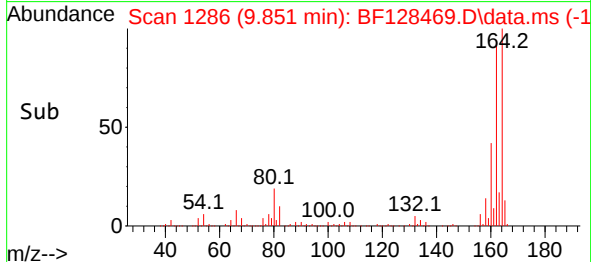
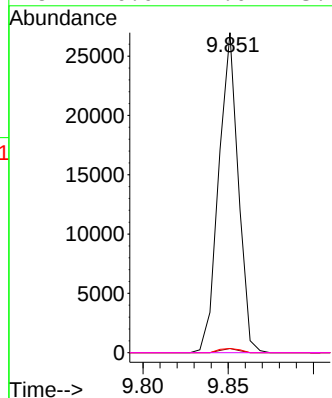
Ion Ratio Lower Upper

165 100

63 1.3 32.6 49.0#

89 1.3 55.2 82.8#

182 0.0 2.0 3.0#



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.345 min Scan# 1540

Delta R.T. 0.006 min

Lab File: BF128469.D

Acq: 25 May 2022 19:49

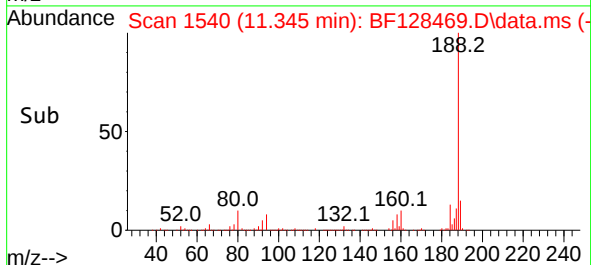
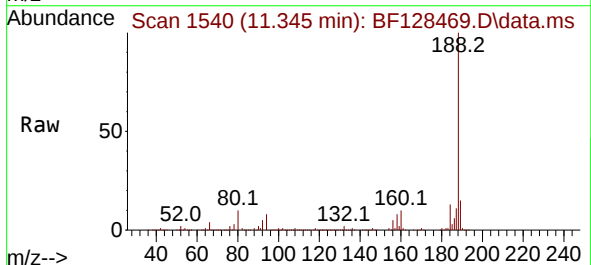
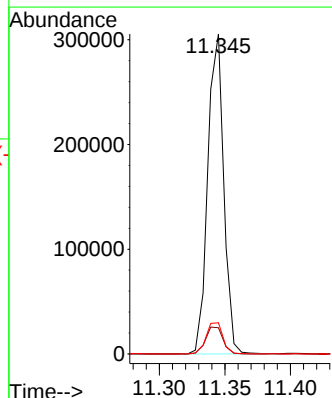
Tgt Ion:188 Resp: 259761

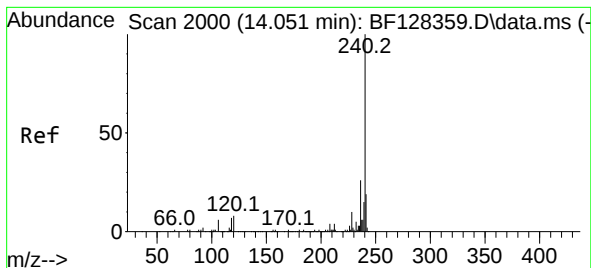
Ion Ratio Lower Upper

188 100

94 8.2 8.0 12.0

80 9.8 8.9 13.3





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.992 min Scan# 1809

Delta R.T. -0.000 min

Lab File: BF128469.D

Acq: 25 May 2022 19:49

Instrument :

BNA_F

ClientSampleId :

P042-SS001-1218-01

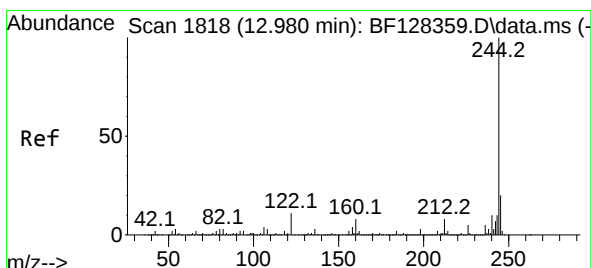
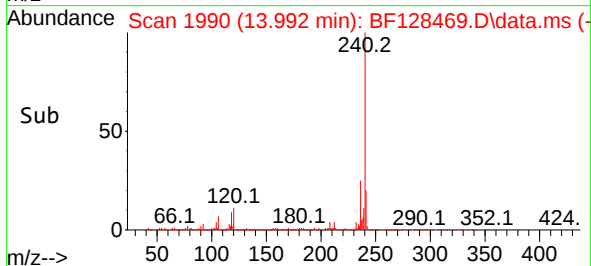
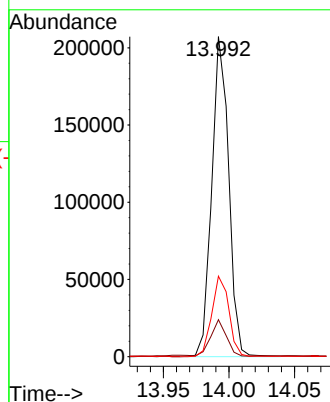
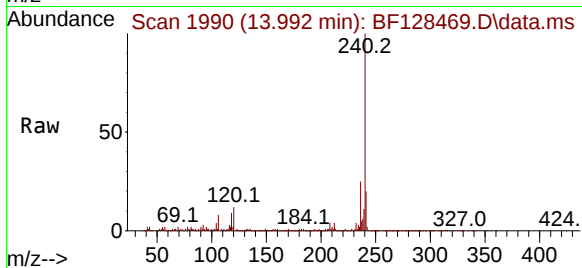
Tgt Ion:240 Resp: 186372

Ion Ratio Lower Upper

240 100

120 11.5 7.0 10.6#

236 25.1 20.3 30.5



#79

Terphenyl-d14

Concen: 34.779 ng

RT: 12.927 min Scan# 1809

Delta R.T. -0.000 min

Lab File: BF128469.D

Acq: 25 May 2022 19:49

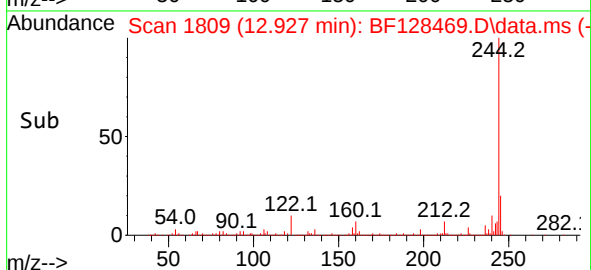
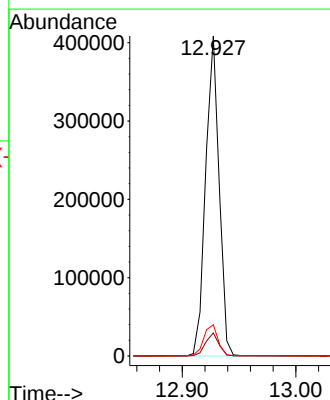
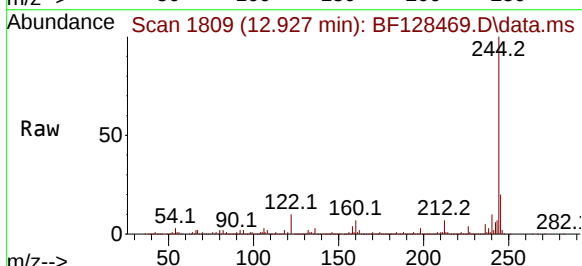
Tgt Ion:244 Resp: 335774

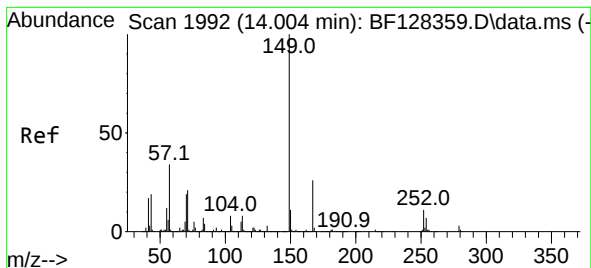
Ion Ratio Lower Upper

244 100

212 7.2 6.2 9.4

122 9.8 8.6 12.8

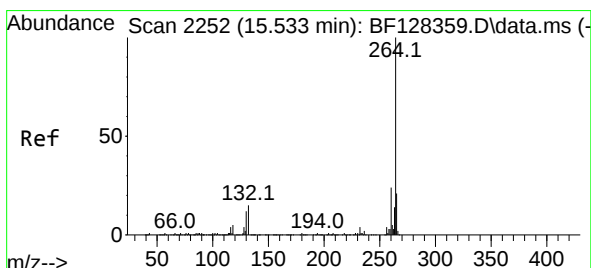
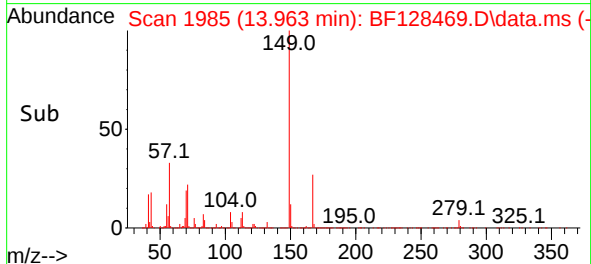
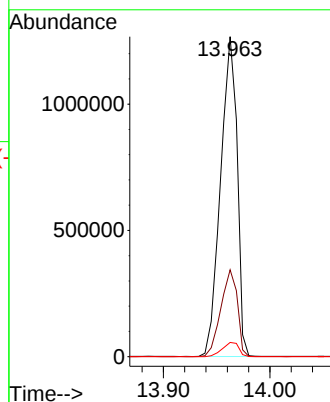
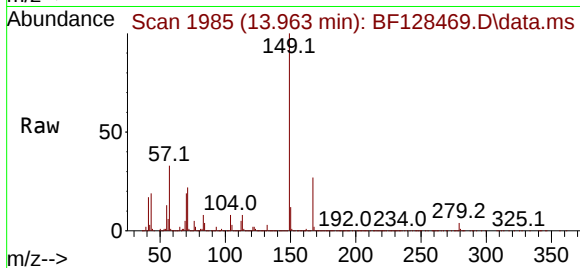




#84
Bis(2-ethylhexyl)phthalate
Concen: 184.371 ng
RT: 13.963 min Scan# 1992
Delta R.T. 0.012 min
Lab File: BF128469.D
Acq: 25 May 2022 19:49

Instrument :
BNA_F
ClientSampleId :
P042-SS001-1218-01

Tgt Ion:149 Resp: 1364351
Ion Ratio Lower Upper
149 100
167 27.1 22.0 33.0
279 4.5 3.4 5.0



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.468 min Scan# 2241
Delta R.T. 0.012 min
Lab File: BF128469.D
Acq: 25 May 2022 19:49

Tgt Ion:264 Resp: 134727
Ion Ratio Lower Upper
264 100
260 22.9 20.1 30.1
265 22.3 17.5 26.3

