

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052522\
 Data File : BF128465.D
 Acq On : 25 May 2022 17:52
 Operator : CG\JU
 Sample : N2894-09
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P004-SS006-0006-01

Quant Time: May 26 01:01:24 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)

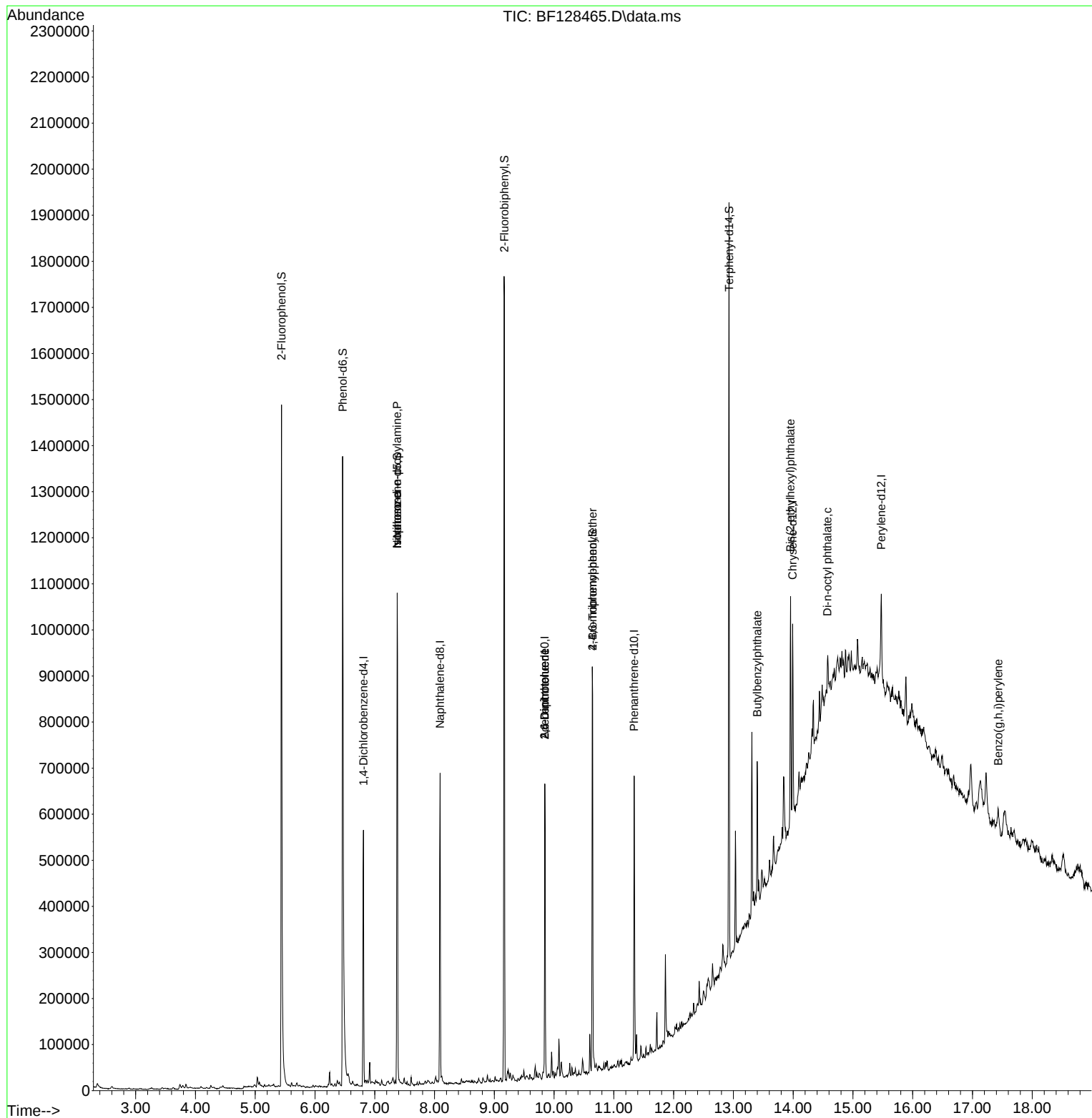
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.810	152	78705	20.000	ng	0.00
21) Naphthalene-d8	8.092	136	268492	20.000	ng	0.00
39) Acenaphthene-d10	9.845	164	127625	20.000	ng	0.00
64) Phenanthrene-d10	11.339	188	209556	20.000	ng	0.00
76) Chrysene-d12	13.992	240	142564	20.000	ng	# 0.00
86) Perylene-d12	15.474	264	97140	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.439	112	447361	90.454	ng	0.00
7) Phenol-d6	6.463	99	556240	85.411	ng	0.00
23) Nitrobenzene-d5	7.375	82	354095	59.090	ng	0.00
42) 2,4,6-Tribromophenol	10.645	330	108504	82.438	ng	0.00
45) 2-Fluorobiphenyl	9.169	172	541814	69.426	ng	0.00
79) Terphenyl-d14	12.927	244	525167	71.111	ng	0.00
Target Compounds						
9) Benzaldehyde	6.375	77	4077	Below Cal		Qvalue 91
19) n-Nitroso-di-n-propyla...	7.375	70	45955	11.799	ng	# 81
25) Isophorone	7.375	82	352516	38.387	ng	# 68
51) 2,6-Dinitrotoluene	9.845	165	16494	9.277	ng	# 22
57) 2,4-Dinitrotoluene	9.845	165	16494	7.363	ng	# 27
67) 4-Bromophenyl-phenylether	10.645	248	6745	3.076	ng	# 1
80) Butylbenzylphthalate	13.398	149	66023	15.423	ng	95
84) Bis(2-ethylhexyl)phtha...	13.957	149	136474	24.109	ng	100
85) Di-n-octyl phthalate	14.574	149	18608	2.046	ng	# 68
92) Benzo(g,h,i)perylene	17.433	276	33177	7.148	ng	# 89

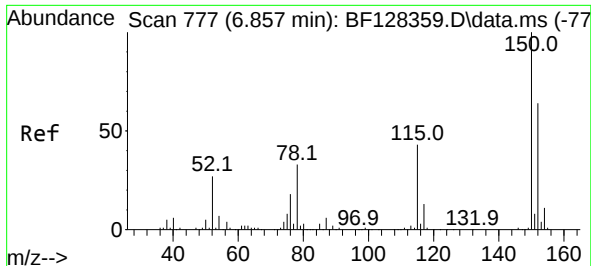
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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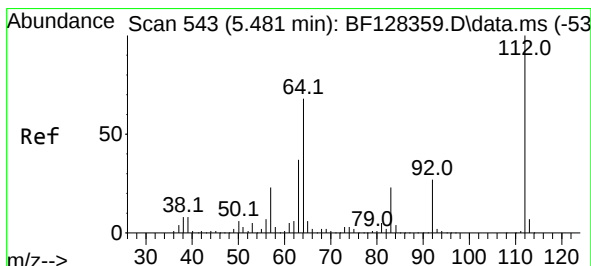
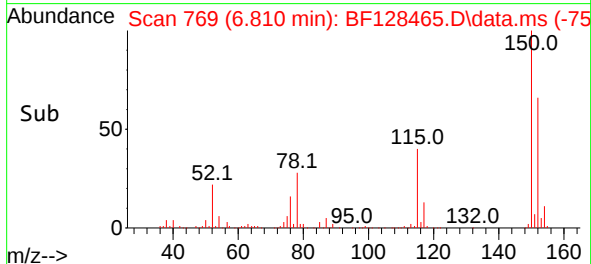
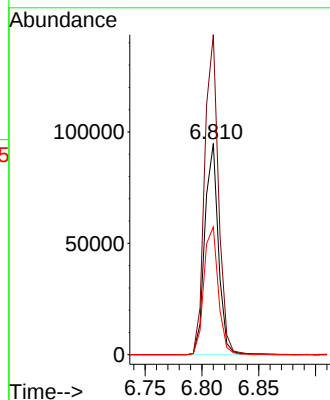
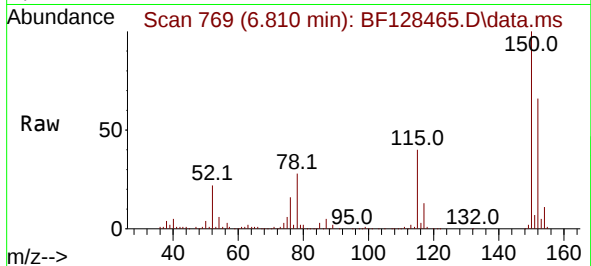




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.810 min Scan# 70
Delta R.T. 0.000 min
Lab File: BF128465.D
Acq: 25 May 2022 17:52

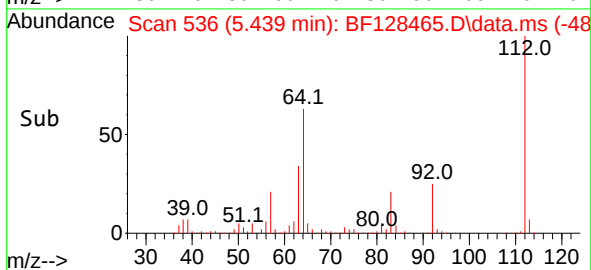
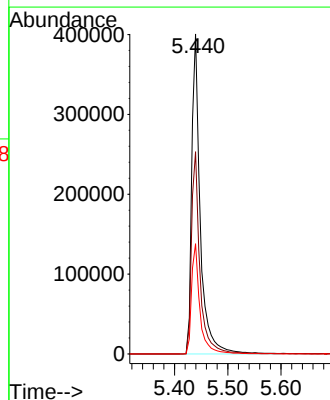
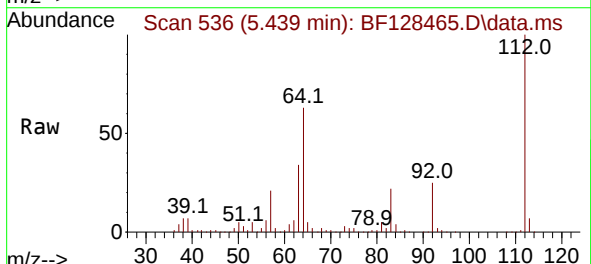
Instrument :
BNA_F
ClientSampleId :
P004-SS006-0006-01

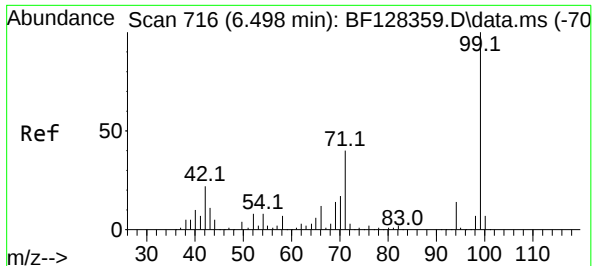
Tgt Ion:152 Resp: 78705
Ion Ratio Lower Upper
152 100
150 151.6 125.3 187.9
115 60.5 48.8 73.2



#5
2-Fluorophenol
Concen: 90.454 ng
RT: 5.439 min Scan# 536
Delta R.T. 0.006 min
Lab File: BF128465.D
Acq: 25 May 2022 17:52

Tgt Ion:112 Resp: 447361
Ion Ratio Lower Upper
112 100
64 63.2 49.5 74.3
63 34.5 26.3 39.5

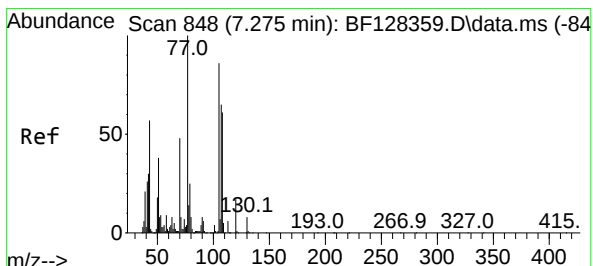
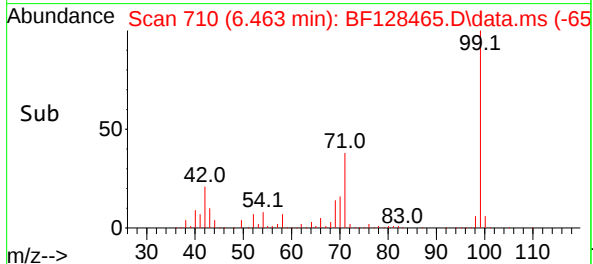
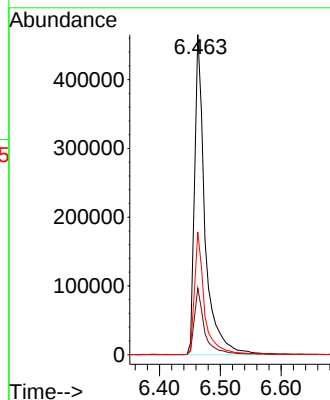
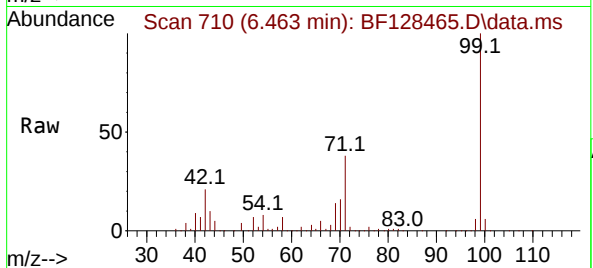




#7
Phenol-d6
Concen: 85.411 ng
RT: 6.463 min Scan# 716
Delta R.T. 0.006 min
Lab File: BF128465.D
Acq: 25 May 2022 17:52

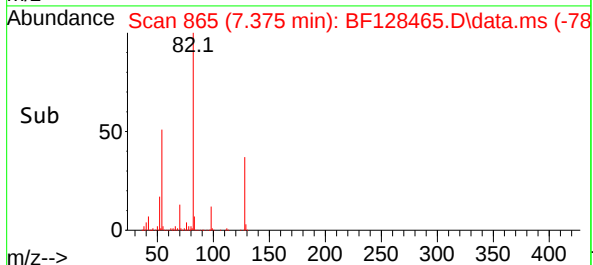
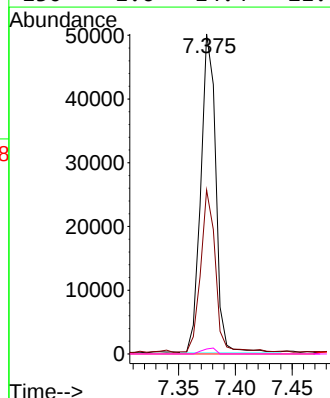
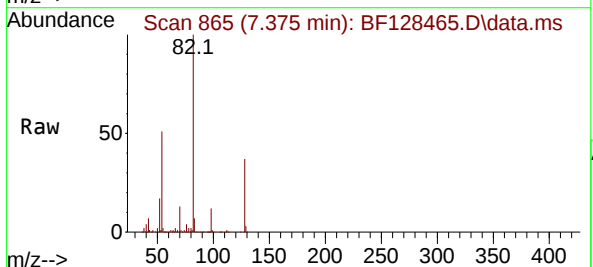
Instrument :
BNA_F
ClientSampleId :
P004-SS006-0006-01

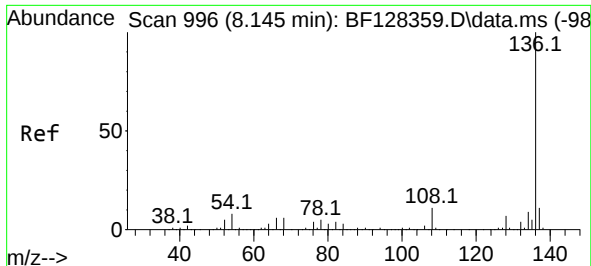
Tgt Ion: 99 Resp: 556240
Ion Ratio Lower Upper
99 100
42 20.8 16.6 24.8
71 38.3 30.0 45.0



#19
n-Nitroso-di-n-propylamine
Concen: 11.799 ng
RT: 7.375 min Scan# 865
Delta R.T. 0.147 min
Lab File: BF128465.D
Acq: 25 May 2022 17:52

Tgt Ion: 70 Resp: 45955
Ion Ratio Lower Upper
70 100
42 51.2 48.7 73.1
101 0.0 7.2 10.8#
130 1.6 14.4 21.6#

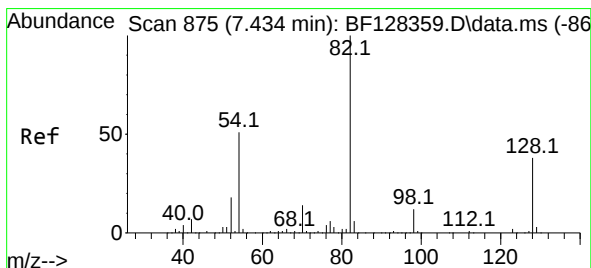
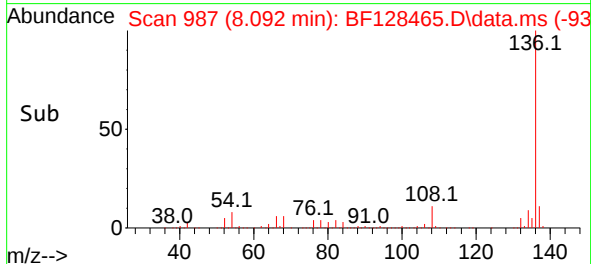
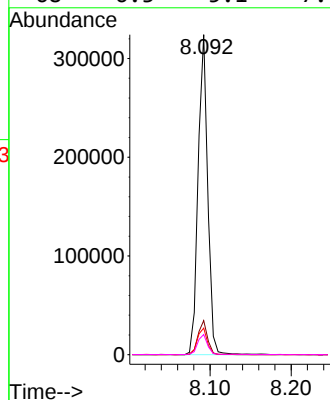
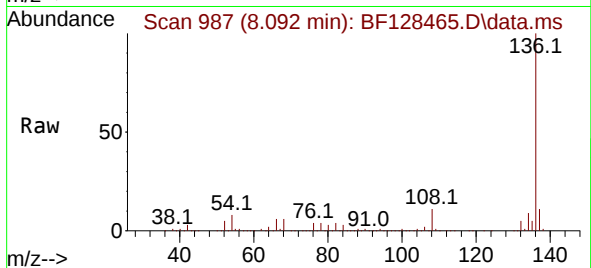




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.092 min Scan# 91
Delta R.T. -0.000 min
Lab File: BF128465.D
Acq: 25 May 2022 17:52

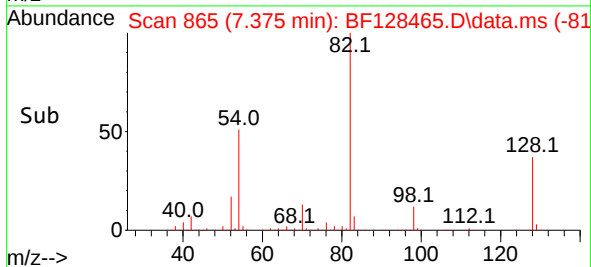
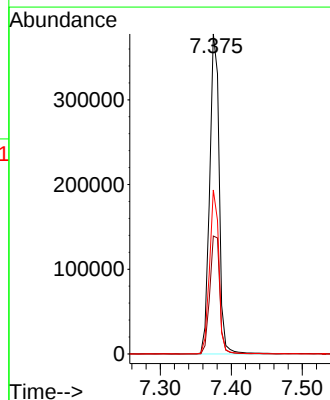
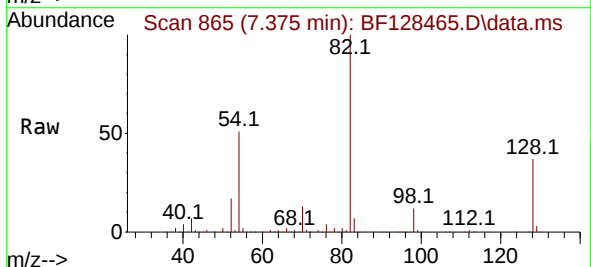
Instrument :
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ClientSampleId :
P004-SS006-0006-01

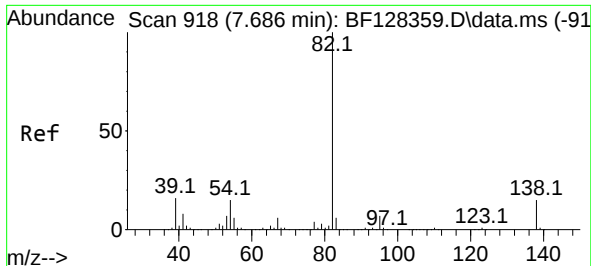
Tgt Ion:136 Resp: 268492
Ion Ratio Lower Upper
136 100
137 10.7 8.6 13.0
54 8.3 6.8 10.2
68 6.3 5.1 7.7



#23
Nitrobenzene-d5
Concen: 59.090 ng
RT: 7.375 min Scan# 865
Delta R.T. -0.006 min
Lab File: BF128465.D
Acq: 25 May 2022 17:52

Tgt Ion: 82 Resp: 354095
Ion Ratio Lower Upper
82 100
128 36.9 30.0 45.0
54 51.3 41.3 61.9

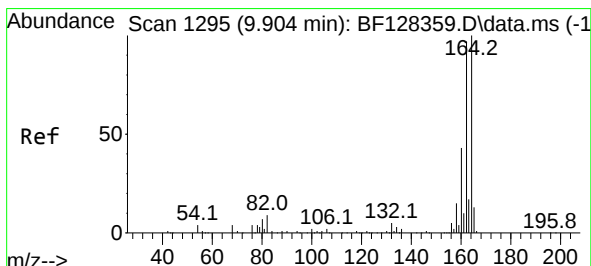
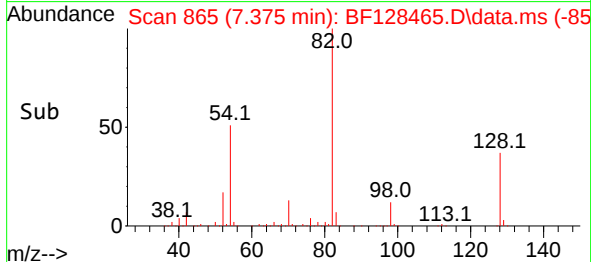
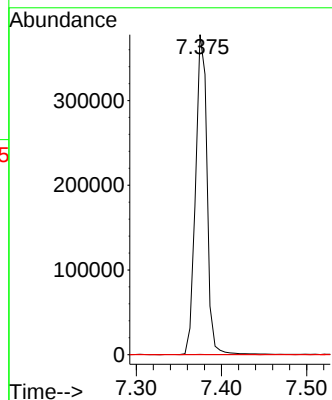
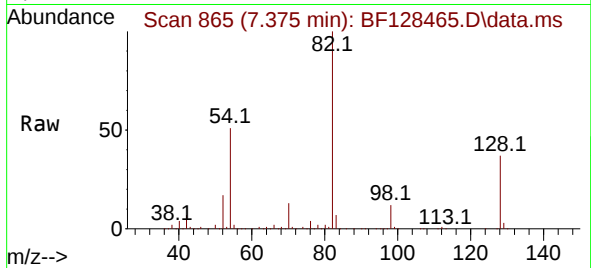




#25
Isophorone
Concen: 38.387 ng
RT: 7.375 min Scan# 80
Delta R.T. -0.265 min
Lab File: BF128465.D
Acq: 25 May 2022 17:52

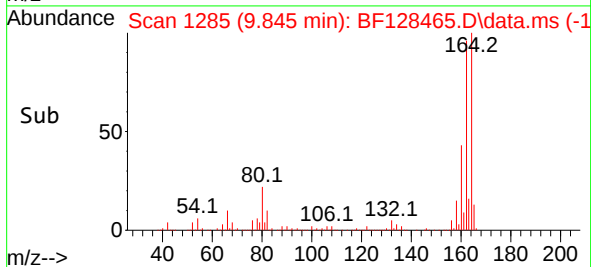
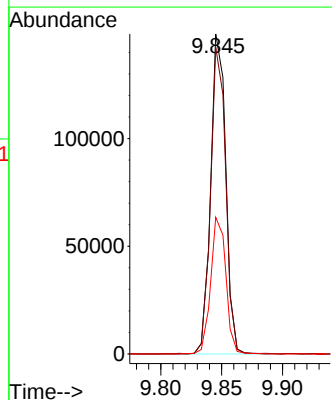
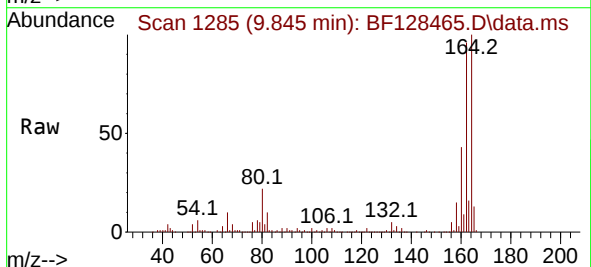
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ClientSampleId :
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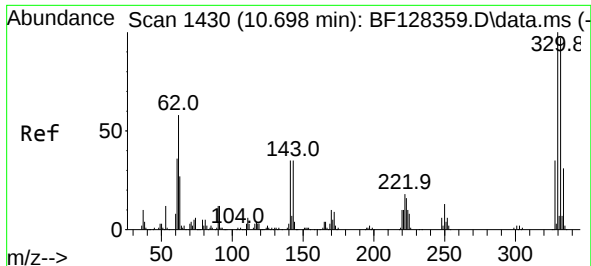
Tgt Ion: 82 Resp: 352516
Ion Ratio Lower Upper
82 100
95 0.1 5.6 8.4#
138 0.0 12.5 18.7#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.845 min Scan# 1285
Delta R.T. -0.006 min
Lab File: BF128465.D
Acq: 25 May 2022 17:52

Tgt Ion: 164 Resp: 127625
Ion Ratio Lower Upper
164 100
162 95.9 76.0 114.0
160 42.7 34.8 52.2

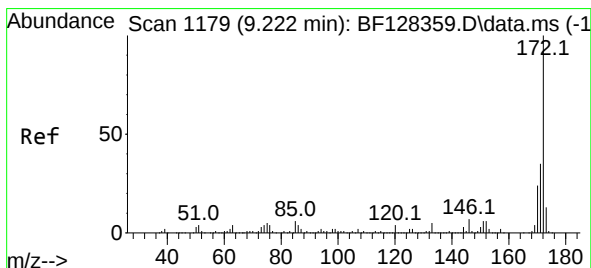
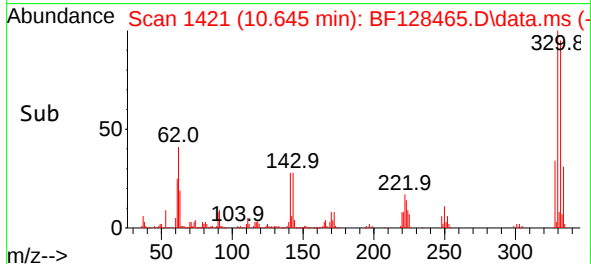
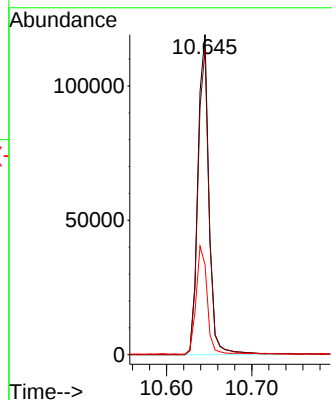
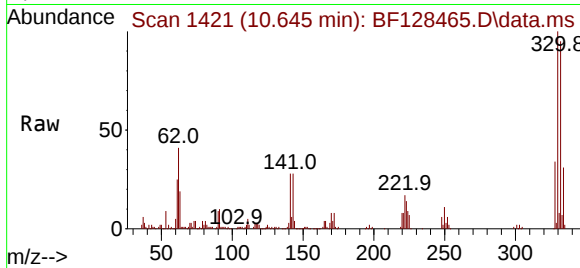




#42
2,4,6-Tribromophenol
Concen: 82.438 ng
RT: 10.645 min Scan# 1430
Delta R.T. -0.000 min
Lab File: BF128465.D
Acq: 25 May 2022 17:52

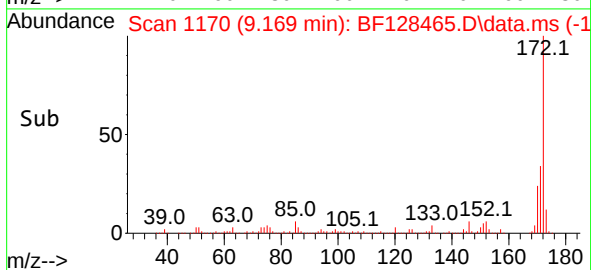
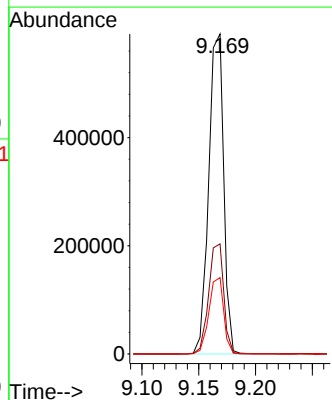
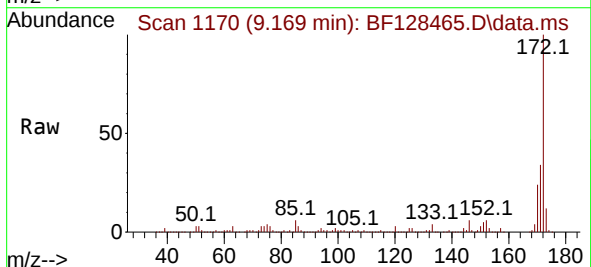
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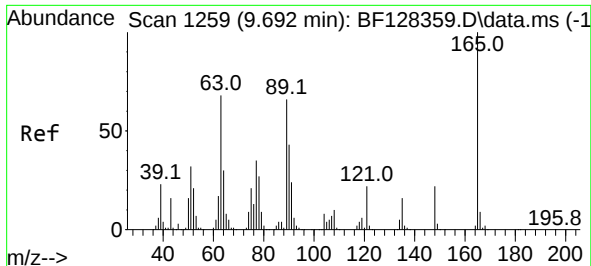
Tgt Ion:330 Resp: 108504
Ion Ratio Lower Upper
330 100
332 95.8 79.0 118.4
141 33.4 28.9 43.3



#45
2-Fluorobiphenyl
Concen: 69.426 ng
RT: 9.169 min Scan# 1170
Delta R.T. -0.000 min
Lab File: BF128465.D
Acq: 25 May 2022 17:52

Tgt Ion:172 Resp: 541814
Ion Ratio Lower Upper
172 100
171 34.4 28.6 42.8
170 23.9 19.1 28.7

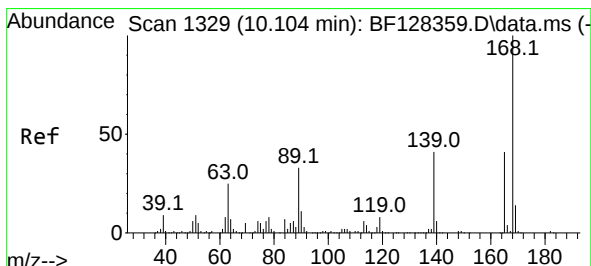
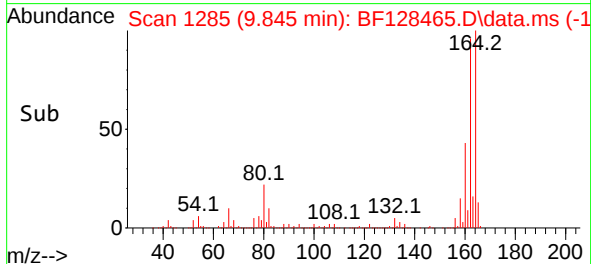
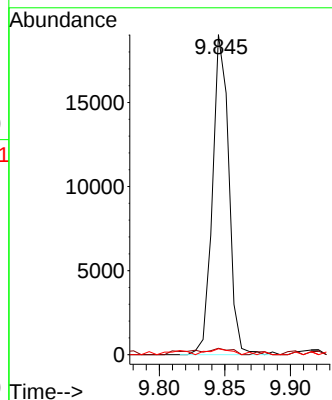
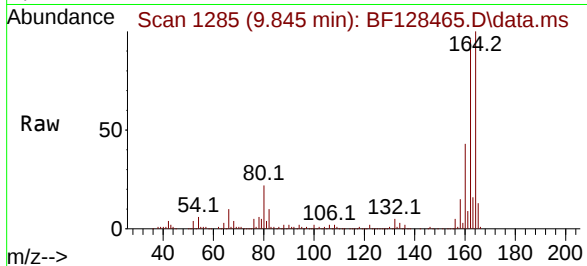




#51
2,6-Dinitrotoluene
Concen: 9.277 ng
RT: 9.845 min Scan# 11
Delta R.T. 0.200 min
Lab File: BF128465.D
Acq: 25 May 2022 17:52

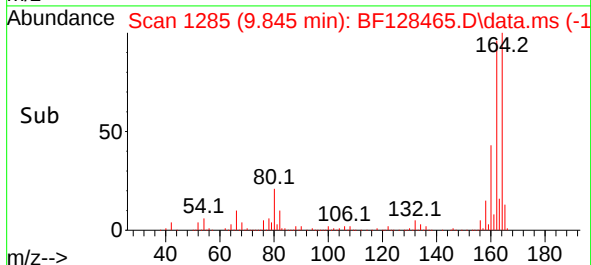
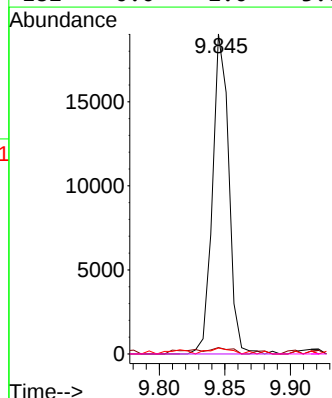
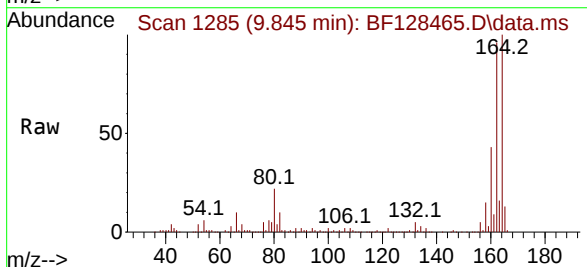
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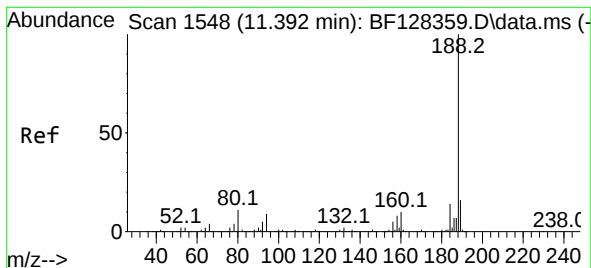
Tgt Ion:165 Resp: 16494
Ion Ratio Lower Upper
165 100
63 2.0 49.5 74.3#
89 1.8 49.0 73.4#



#57
2,4-Dinitrotoluene
Concen: 7.363 ng
RT: 9.845 min Scan# 1285
Delta R.T. -0.206 min
Lab File: BF128465.D
Acq: 25 May 2022 17:52

Tgt Ion:165 Resp: 16494
Ion Ratio Lower Upper
165 100
63 2.0 32.6 49.0#
89 1.8 55.2 82.8#
182 0.0 2.0 3.0#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.339 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF128465.D

Acq: 25 May 2022 17:52

Instrument :

BNA_F

ClientSampleId :

P004-SS006-0006-01

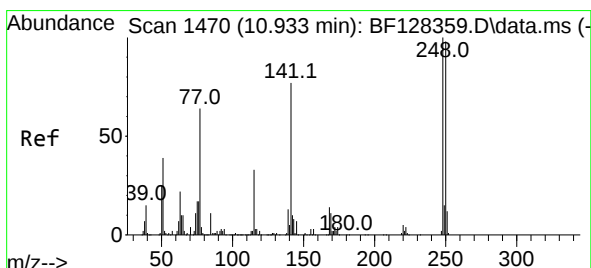
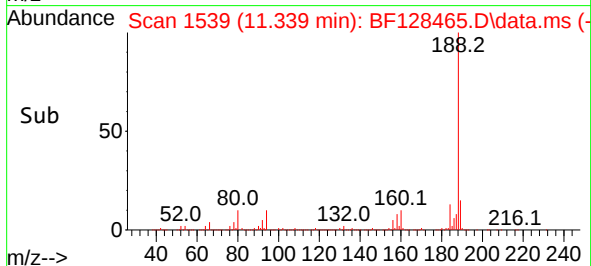
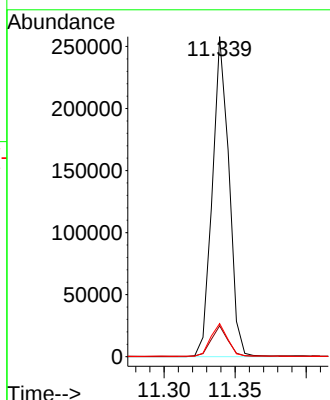
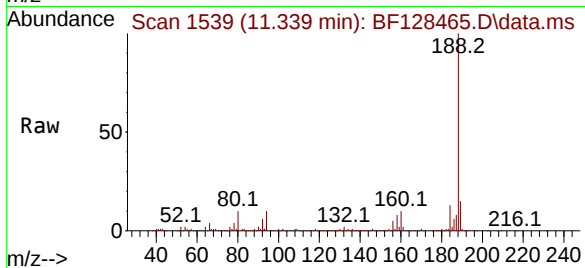
Tgt Ion:188 Resp: 209556

Ion Ratio Lower Upper

188 100

94 9.7 8.0 12.0

80 10.4 8.9 13.3



#67

4-Bromophenyl-phenylether

Concen: 3.076 ng

RT: 10.645 min Scan# 1421

Delta R.T. -0.235 min

Lab File: BF128465.D

Acq: 25 May 2022 17:52

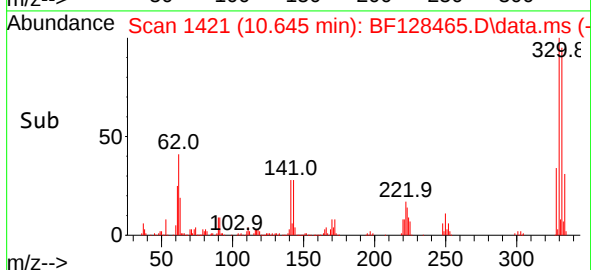
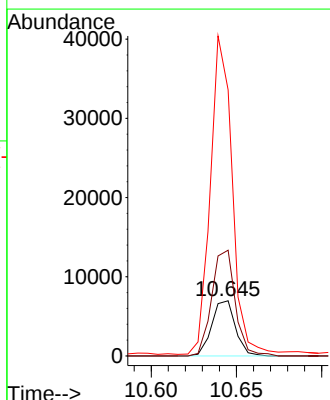
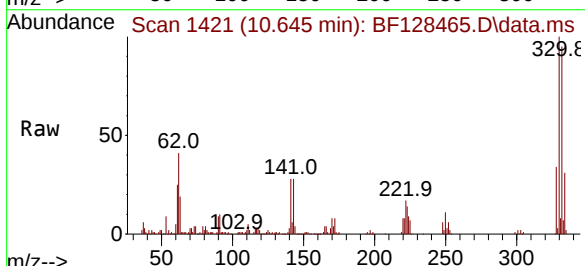
Tgt Ion:248 Resp: 6745

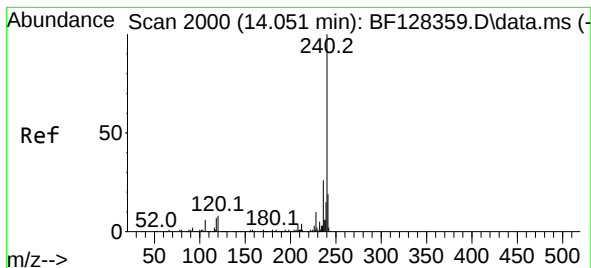
Ion Ratio Lower Upper

248 100

250 191.6 77.7 116.5#

141 482.3 65.6 98.4#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.992 min Scan# 14

Delta R.T. -0.000 min

Lab File: BF128465.D

Acq: 25 May 2022 17:52

Instrument :

BNA_F

ClientSampleId :

P004-SS006-0006-01

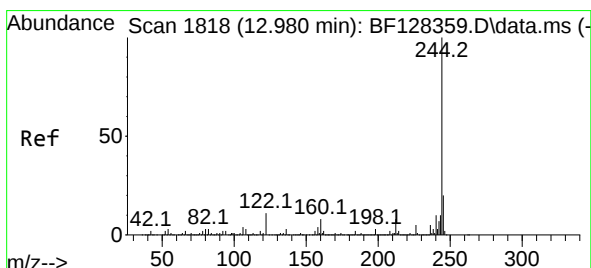
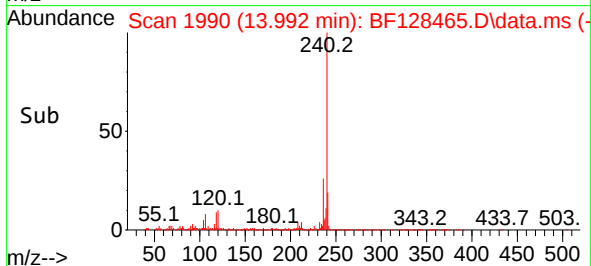
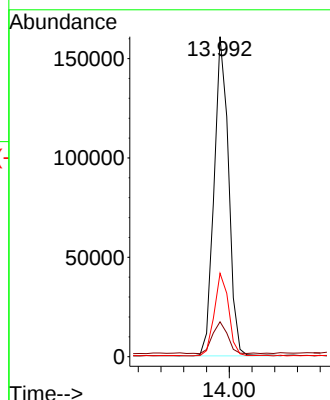
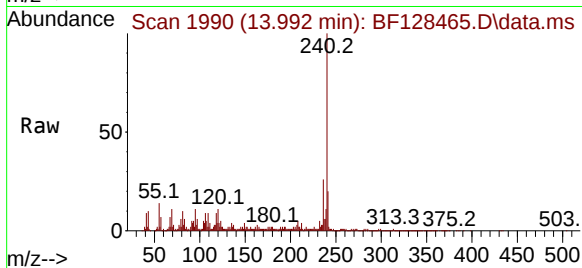
Tgt Ion:240 Resp: 142564

Ion Ratio Lower Upper

240 100

120 10.9 7.0 10.6#

236 26.1 20.3 30.5



#79

Terphenyl-d14

Concen: 71.111 ng

RT: 12.927 min Scan# 1809

Delta R.T. -0.000 min

Lab File: BF128465.D

Acq: 25 May 2022 17:52

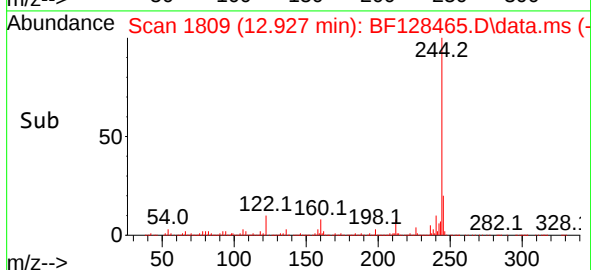
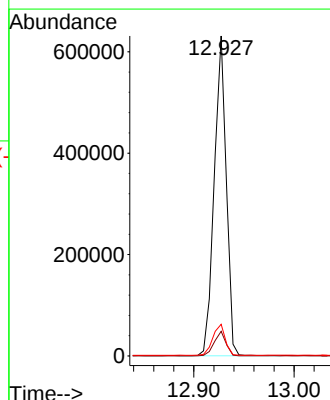
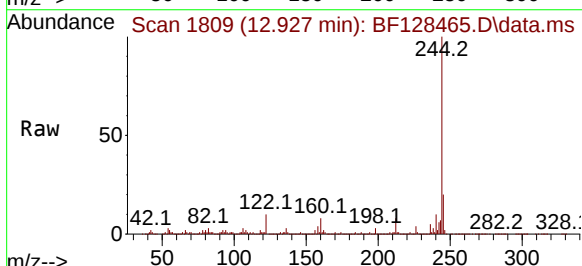
Tgt Ion:244 Resp: 525167

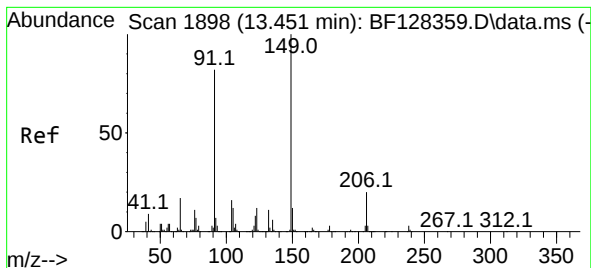
Ion Ratio Lower Upper

244 100

212 7.7 6.2 9.4

122 9.9 8.6 12.8





#80

Butylbenzylphthalate

Concen: 15.423 ng

RT: 13.398 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF128465.D

Acq: 25 May 2022 17:52

Instrument :

BNA_F

ClientSampleId :

P004-SS006-0006-01

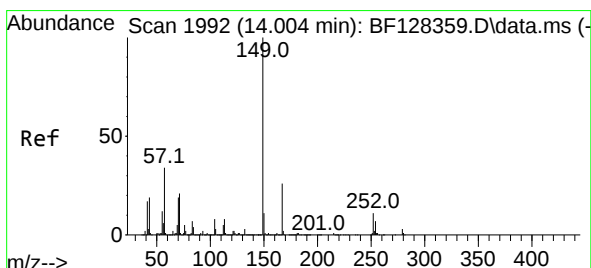
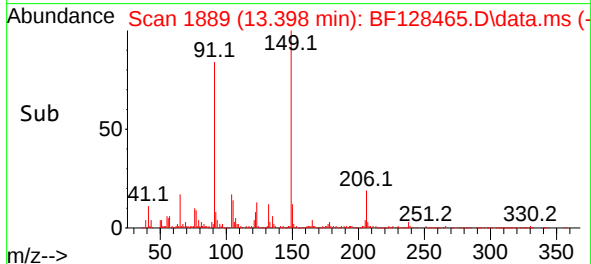
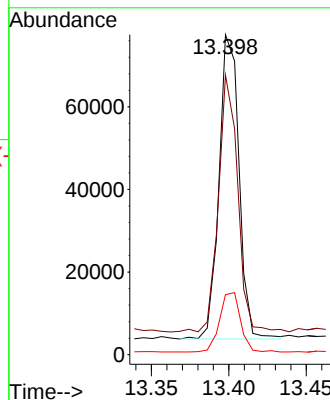
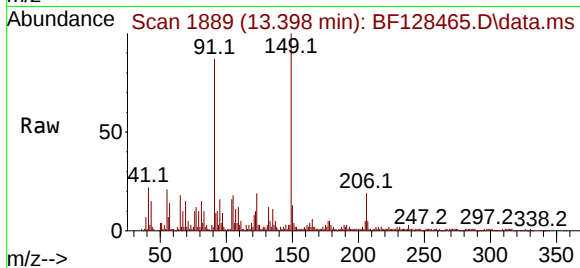
Tgt Ion:149 Resp: 66023

Ion Ratio Lower Upper

149 100

91 87.4 65.8 98.6

206 18.8 15.4 23.2



#84

Bis(2-ethylhexyl)phthalate

Concen: 24.109 ng

RT: 13.957 min Scan# 1984

Delta R.T. 0.006 min

Lab File: BF128465.D

Acq: 25 May 2022 17:52

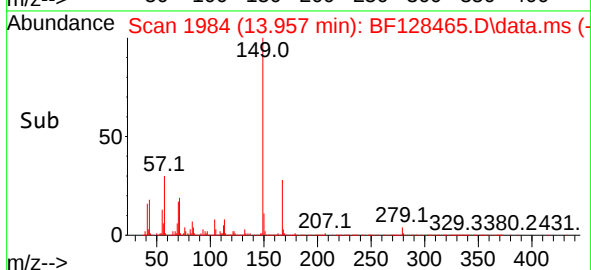
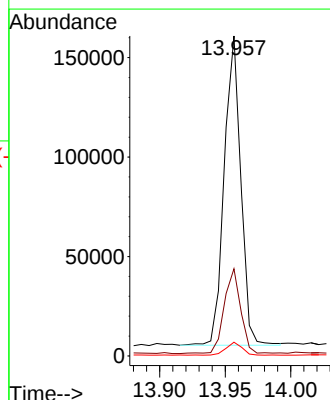
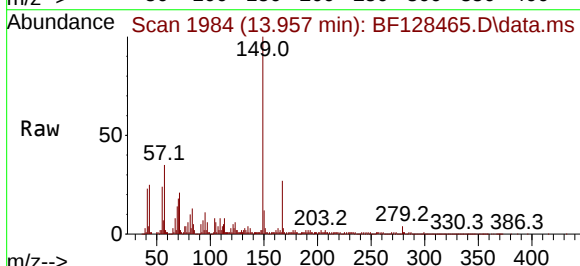
Tgt Ion:149 Resp: 136474

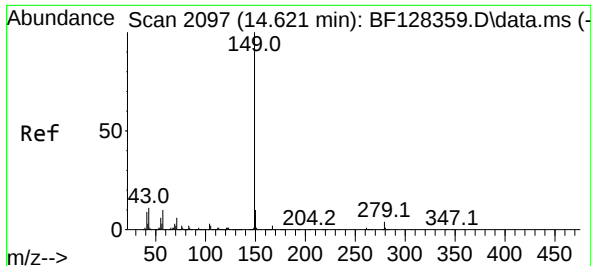
Ion Ratio Lower Upper

149 100

167 27.3 22.0 33.0

279 4.3 3.4 5.0

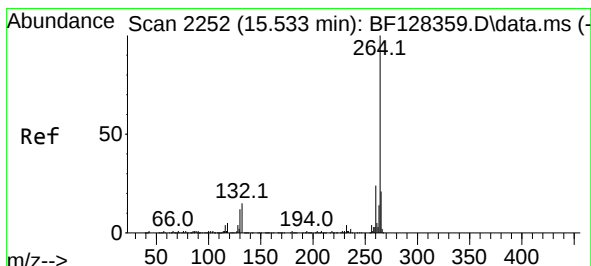
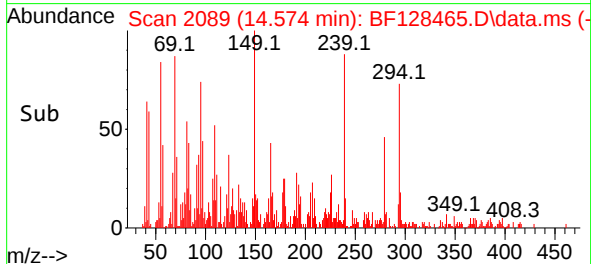
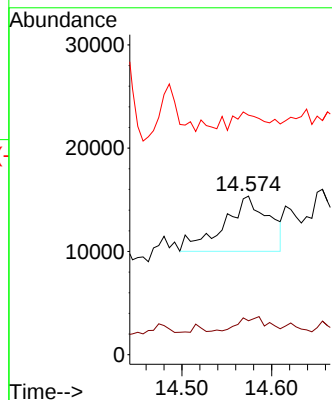
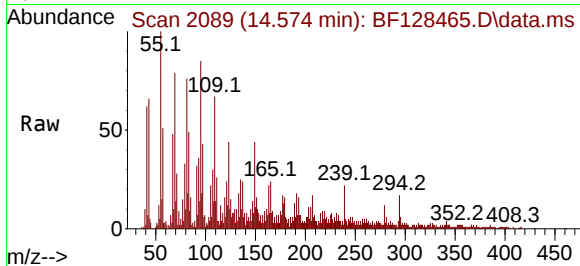




#85
Di-n-octyl phthalate
Concen: 2.046 ng
RT: 14.574 min Scan# 2097
Delta R.T. 0.012 min
Lab File: BF128465.D
Acq: 25 May 2022 17:52

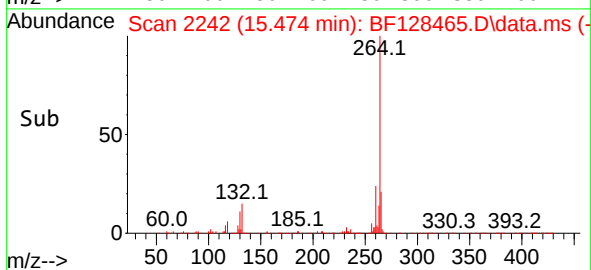
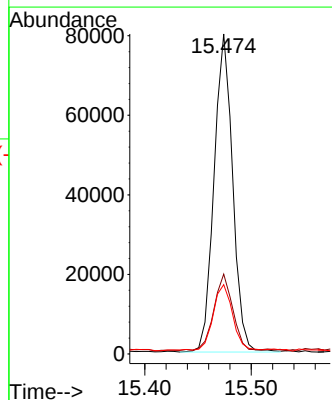
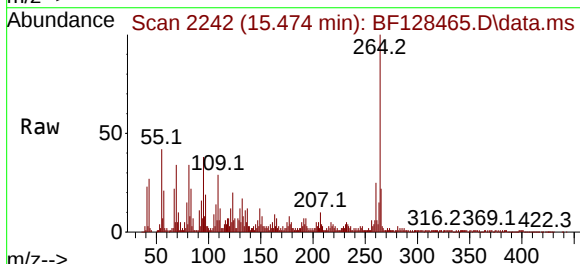
Instrument :
BNA_F
ClientSampleId :
P004-SS006-0006-01

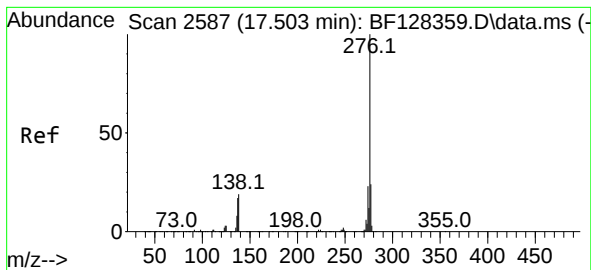
Tgt Ion:149 Resp: 18608
Ion Ratio Lower Upper
149 100
167 19.5 1.3 1.9#
43 0.0 8.9 13.3#



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.474 min Scan# 2242
Delta R.T. 0.018 min
Lab File: BF128465.D
Acq: 25 May 2022 17:52

Tgt Ion:264 Resp: 97140
Ion Ratio Lower Upper
264 100
260 24.9 20.1 30.1
265 21.7 17.5 26.3





#92

Benzo(g,h,i)perylene

Concen: 7.148 ng

RT: 17.433 min Scan# 21

Delta R.T. 0.053 min

Lab File: BF128465.D

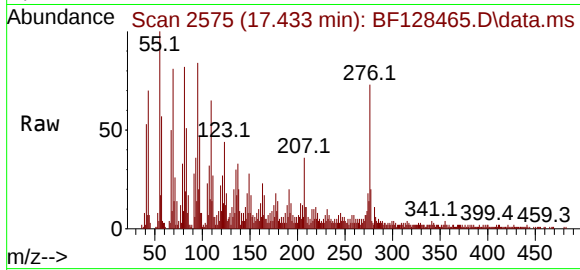
Acq: 25 May 2022 17:52

Instrument :

BNA_F

ClientSampleId :

P004-SS006-0006-01



Tgt Ion:276 Resp: 33177

Ion Ratio Lower Upper

276 100

277 27.1 18.8 28.2

138 27.6 16.2 24.2#

