

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052322\
 Data File : BF128415.D
 Acq On : 23 May 2022 22:39
 Operator : CG\JU
 Sample : N2873-09
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P031-SS001-2430-01

Quant Time: May 24 01:24:22 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052022.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat May 21 05:28:09 2022
 Response via : Initial Calibration

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

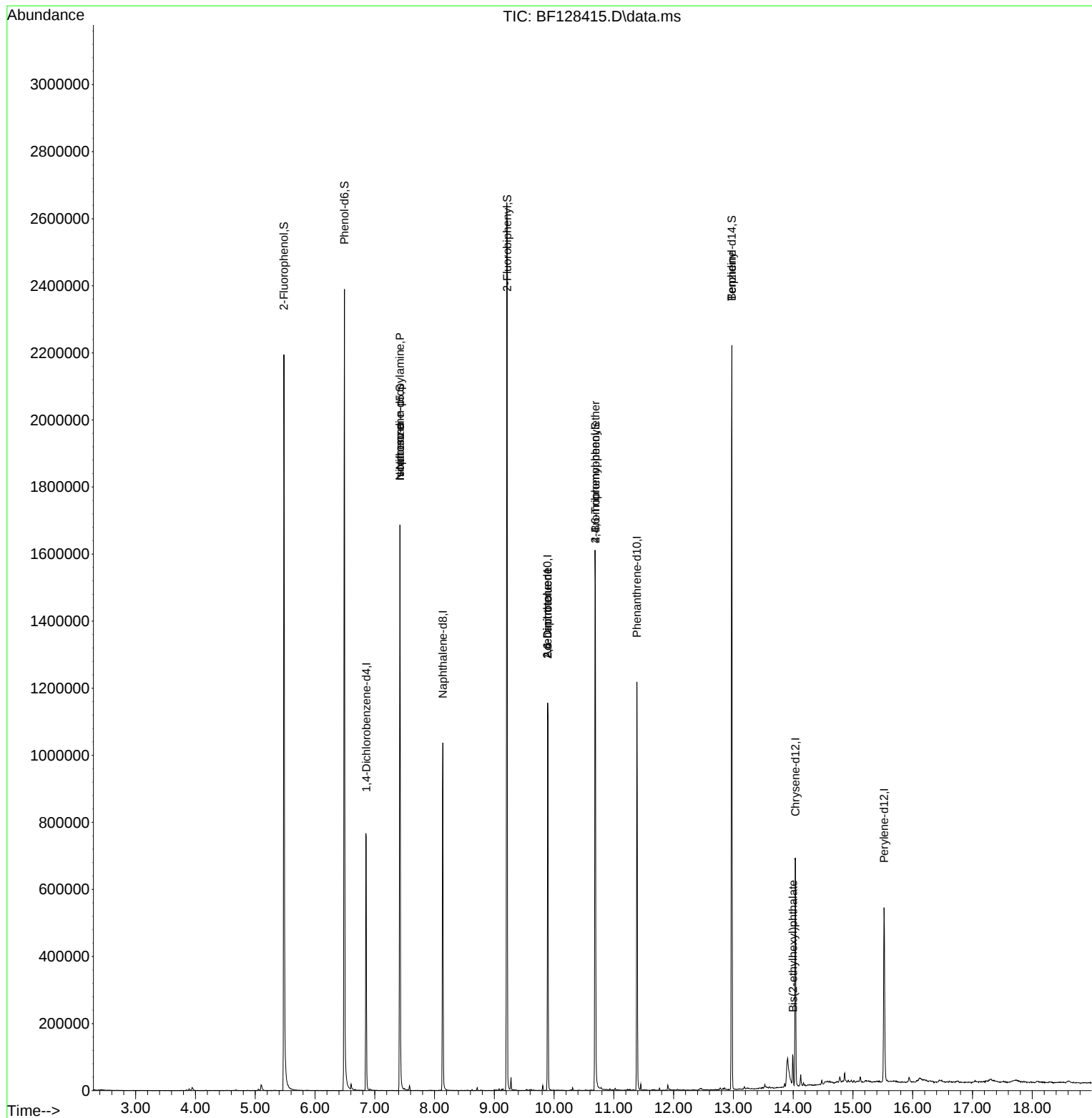
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.857	152	120448	20.000	ng	0.00
21) Naphthalene-d8	8.139	136	457655	20.000	ng	0.00
39) Acenaphthene-d10	9.892	164	250828	20.000	ng	-0.01
64) Phenanthrene-d10	11.386	188	427932	20.000	ng	0.00
76) Chrysene-d12	14.039	240	251678	20.000	ng	-0.01
86) Perylene-d12	15.521	264	250327	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	605861	80.047	ng	0.00
7) Phenol-d6	6.492	99	792500	79.516	ng	0.00
23) Nitrobenzene-d5	7.422	82	555616	54.396	ng	-0.01
42) 2,4,6-Tribromophenol	10.692	330	202225	78.176	ng	0.00
45) 2-Fluorobiphenyl	9.216	172	863705	56.311	ng	0.00
79) Terphenyl-d14	12.974	244	762207	58.463	ng	0.00
Target Compounds						
					Qvalue	
9) Benzaldehyde	6.492	77	1453	Below Cal	#	3
19) n-Nitroso-di-n-propyla...	7.422	70	72244	12.120	ng	# 79
25) Isophorone	7.422	82	555611	35.495	ng	# 68
51) 2,6-Dinitrotoluene	9.892	165	32585	9.325	ng	# 21
57) 2,4-Dinitrotoluene	9.892	165	32585	7.401	ng	# 26
67) 4-Bromophenyl-phenylether	10.692	248	11863	2.649	ng	# 1
77) Benzidine	12.974	184	10493	2.005	ng	# 92
84) Bis(2-ethylhexyl)phtha...	13.998	149	23679	2.370	ng	# 99

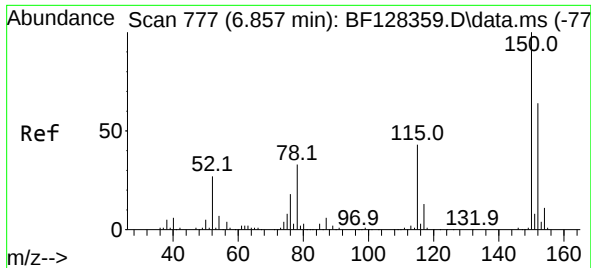
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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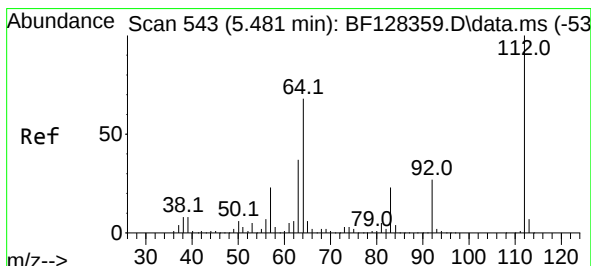
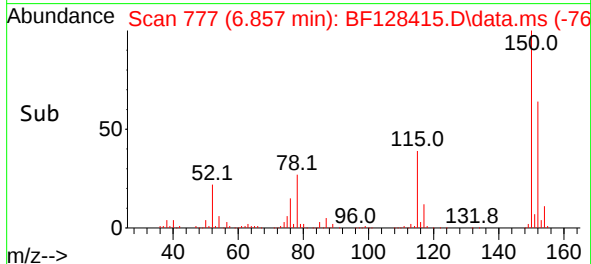
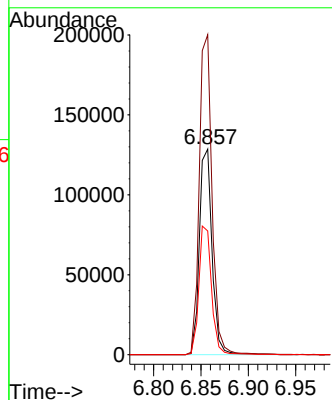
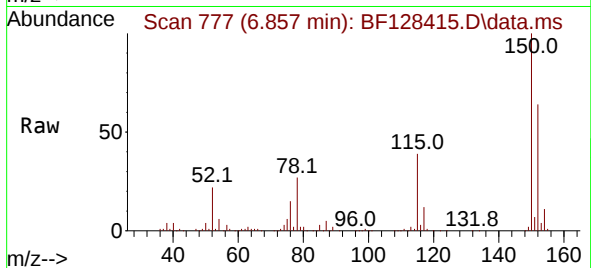




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.857 min Scan# 71
 Delta R.T. 0.000 min
 Lab File: BF128415.D
 Acq: 23 May 2022 22:39

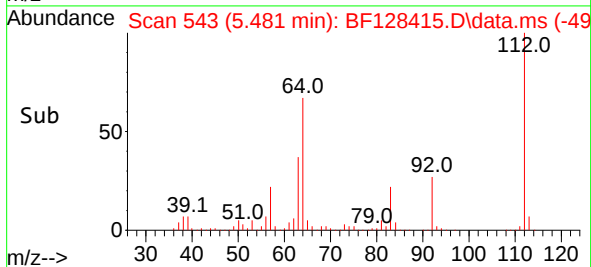
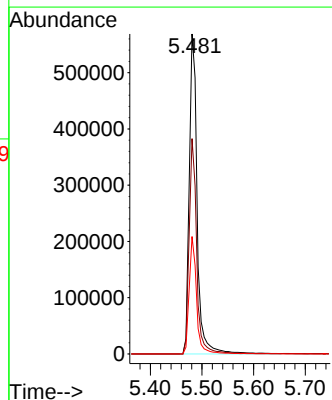
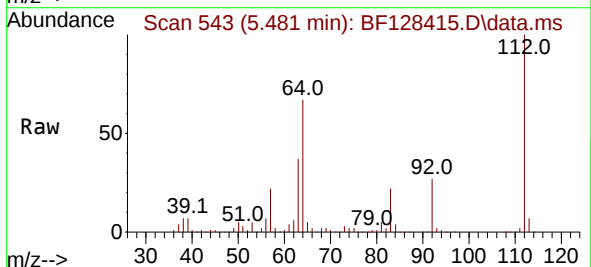
Instrument :
 BNA_F
 ClientSampleId :
 P031-SS001-2430-01

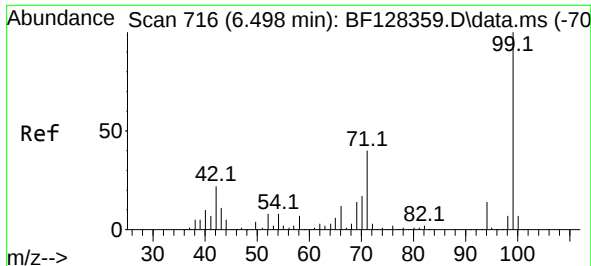
Tgt Ion:152 Resp: 120448
 Ion Ratio Lower Upper
 152 100
 150 155.6 125.3 187.9
 115 60.1 48.8 73.2



#5
 2-Fluorophenol
 Concen: 80.047 ng
 RT: 5.481 min Scan# 543
 Delta R.T. 0.000 min
 Lab File: BF128415.D
 Acq: 23 May 2022 22:39

Tgt Ion:112 Resp: 605861
 Ion Ratio Lower Upper
 112 100
 64 67.3 49.5 74.3
 63 36.7 26.3 39.5

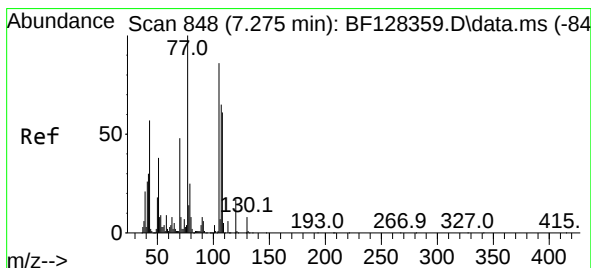
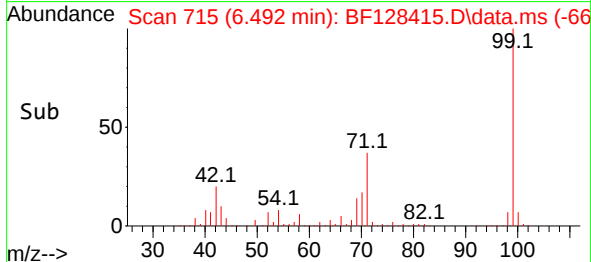
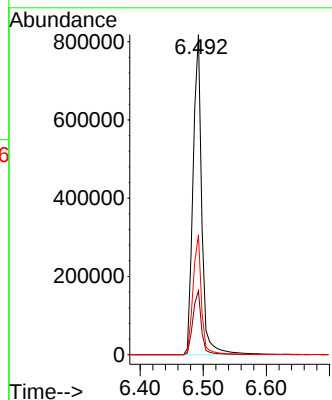
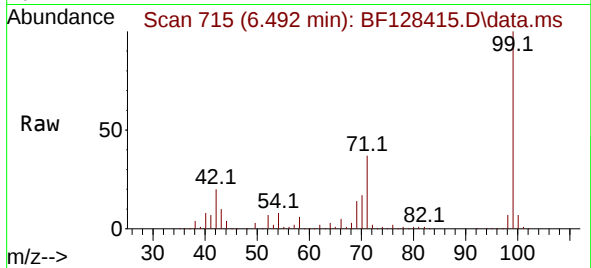




#7
Phenol-d6
Concen: 79.516 ng
RT: 6.492 min Scan# 716
Delta R.T. -0.006 min
Lab File: BF128415.D
Acq: 23 May 2022 22:39

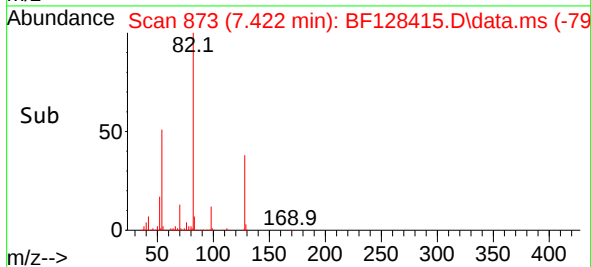
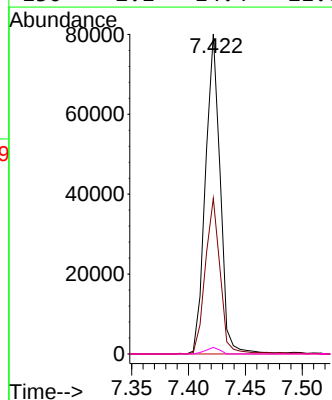
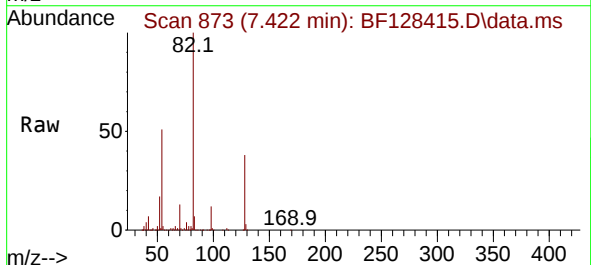
Instrument :
BNA_F
ClientSampleId :
P031-SS001-2430-01

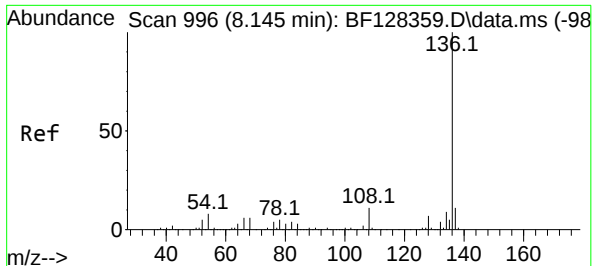
Tgt Ion: 99 Resp: 792500
Ion Ratio Lower Upper
99 100
42 20.0 16.6 24.8
71 37.5 30.0 45.0



#19
n-Nitroso-di-n-propylamine
Concen: 12.120 ng
RT: 7.422 min Scan# 873
Delta R.T. 0.147 min
Lab File: BF128415.D
Acq: 23 May 2022 22:39

Tgt Ion: 70 Resp: 72244
Ion Ratio Lower Upper
70 100
42 48.7 48.7 73.1#
101 0.0 7.2 10.8#
130 2.1 14.4 21.6#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.139 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF128415.D

Acq: 23 May 2022 22:39

Instrument :

BNA_F

ClientSampleId :

P031-SS001-2430-01

Tgt Ion:136 Resp: 457655

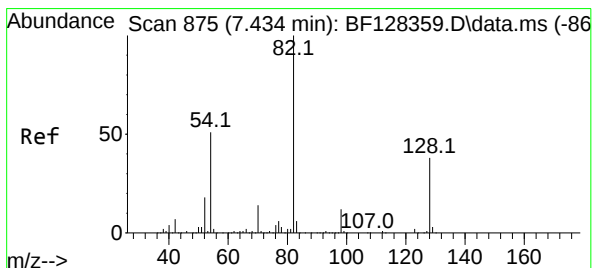
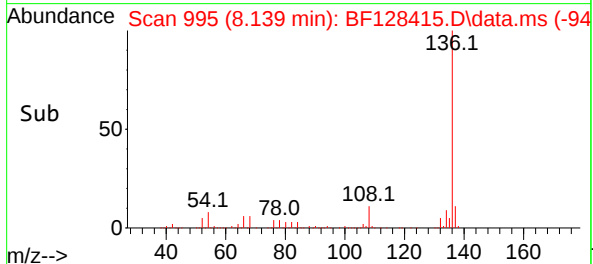
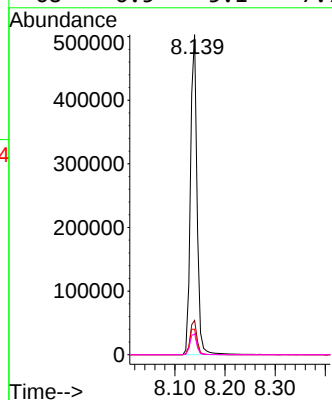
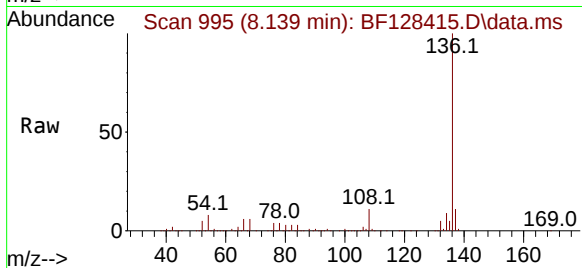
Ion Ratio Lower Upper

136 100

137 10.7 8.6 13.0

54 7.9 6.8 10.2

68 6.5 5.1 7.7



#23

Nitrobenzene-d5

Concen: 54.396 ng

RT: 7.422 min Scan# 873

Delta R.T. -0.012 min

Lab File: BF128415.D

Acq: 23 May 2022 22:39

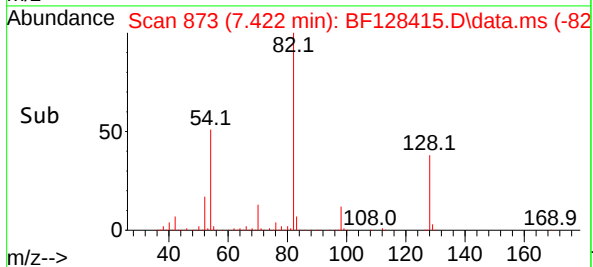
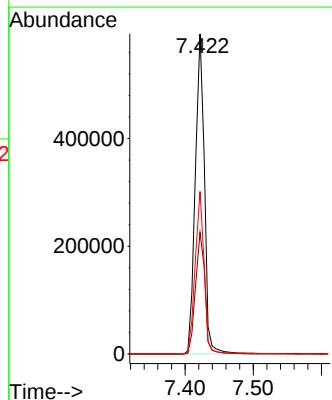
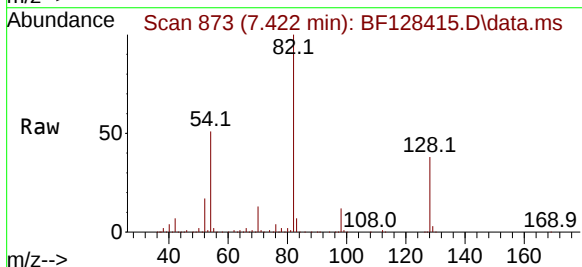
Tgt Ion: 82 Resp: 555616

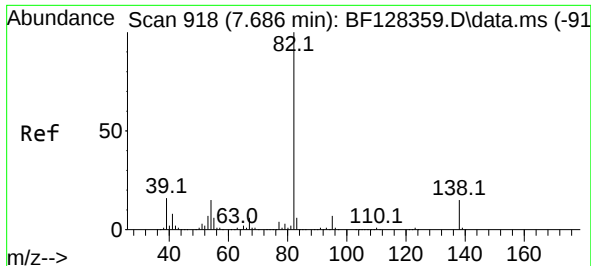
Ion Ratio Lower Upper

82 100

128 38.0 30.0 45.0

54 50.8 41.3 61.9

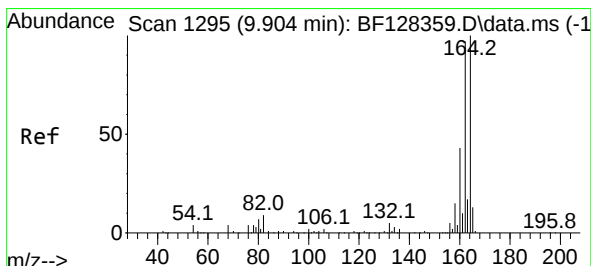
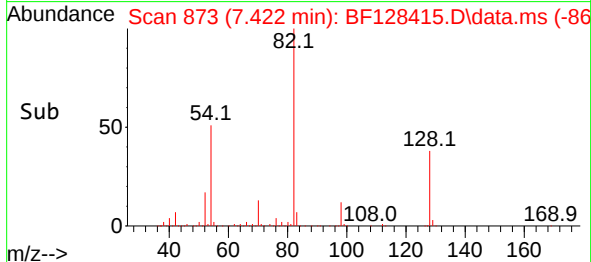
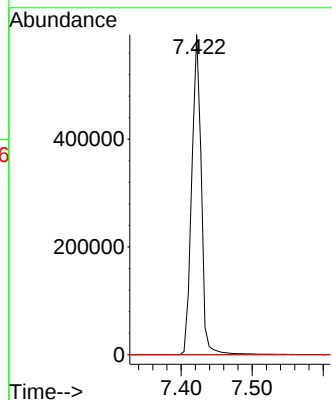
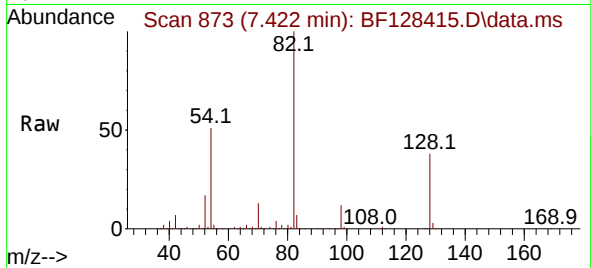




#25
Isophorone
Concen: 35.495 ng
RT: 7.422 min Scan# 81
Delta R.T. -0.265 min
Lab File: BF128415.D
Acq: 23 May 2022 22:39

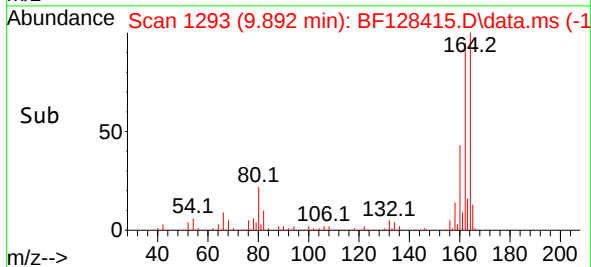
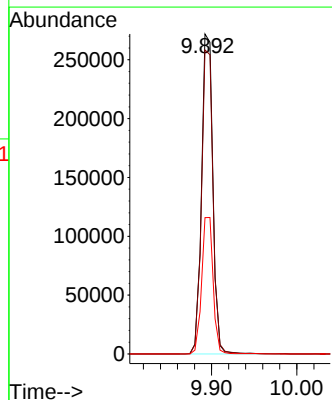
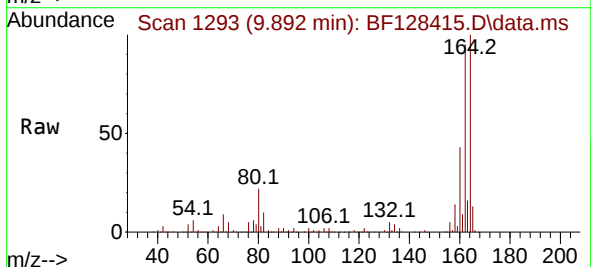
Instrument :
BNA_F
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P031-SS001-2430-01

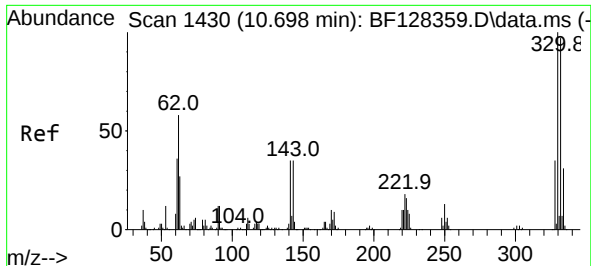
Tgt Ion: 82 Resp: 555611
Ion Ratio Lower Upper
82 100
95 0.0 5.6 8.4#
138 0.0 12.5 18.7#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.892 min Scan# 1293
Delta R.T. -0.012 min
Lab File: BF128415.D
Acq: 23 May 2022 22:39

Tgt Ion: 164 Resp: 250828
Ion Ratio Lower Upper
164 100
162 95.0 76.0 114.0
160 42.6 34.8 52.2





#42

2,4,6-Tribromophenol

Concen: 78.176 ng

RT: 10.692 min Scan# 1429

Delta R.T. -0.006 min

Lab File: BF128415.D

Acq: 23 May 2022 22:39

Instrument :

BNA_F

ClientSampleId :

P031-SS001-2430-01

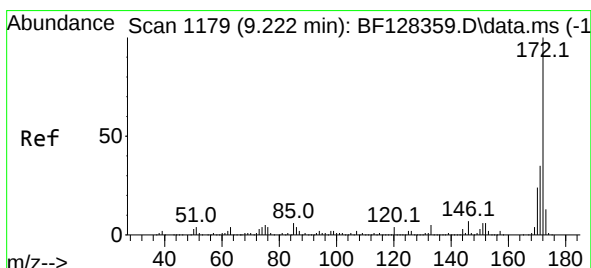
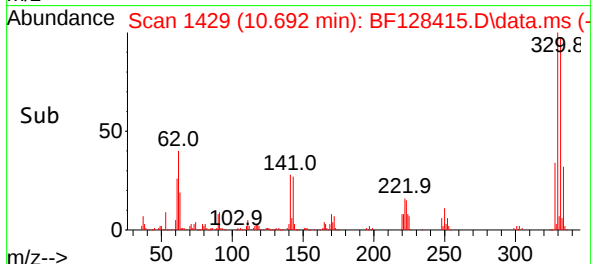
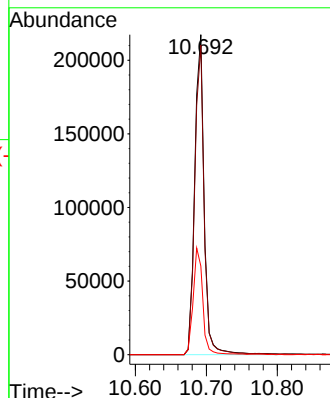
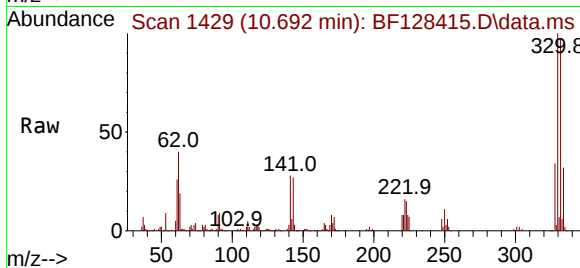
Tgt Ion:330 Resp: 202225

Ion Ratio Lower Upper

330 100

332 95.2 79.0 118.4

141 33.6 28.9 43.3



#45

2-Fluorobiphenyl

Concen: 56.311 ng

RT: 9.216 min Scan# 1178

Delta R.T. -0.006 min

Lab File: BF128415.D

Acq: 23 May 2022 22:39

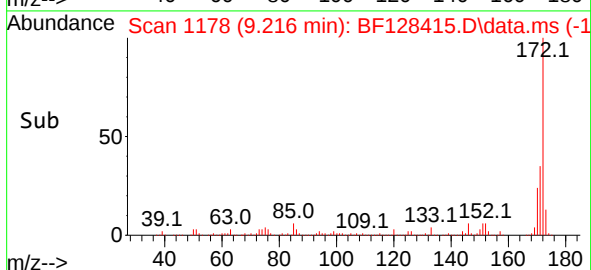
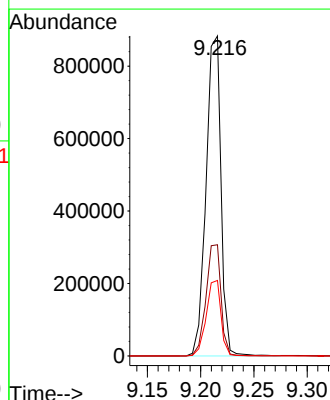
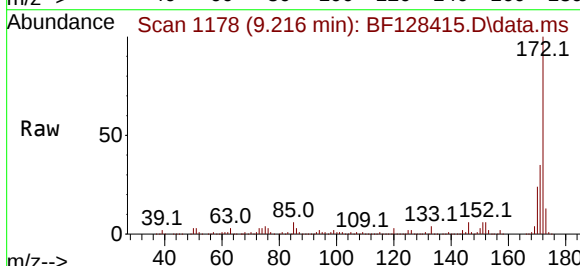
Tgt Ion:172 Resp: 863705

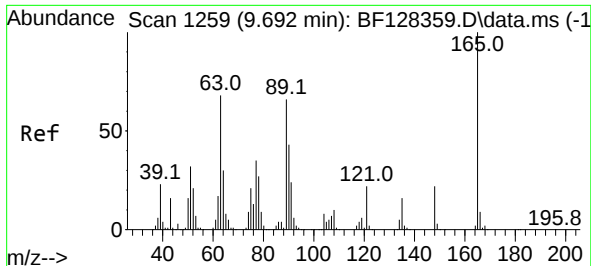
Ion Ratio Lower Upper

172 100

171 34.8 28.6 42.8

170 23.6 19.1 28.7





#51

2,6-Dinitrotoluene

Concen: 9.325 ng

RT: 9.892 min Scan# 1293

Delta R.T. 0.200 min

Lab File: BF128415.D

Acq: 23 May 2022 22:39

Instrument :

BNA_F

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P031-SS001-2430-01

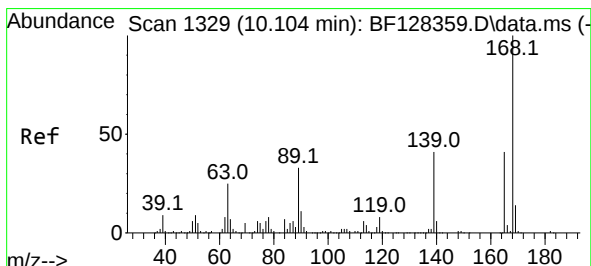
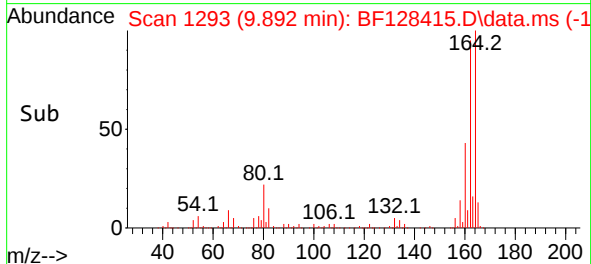
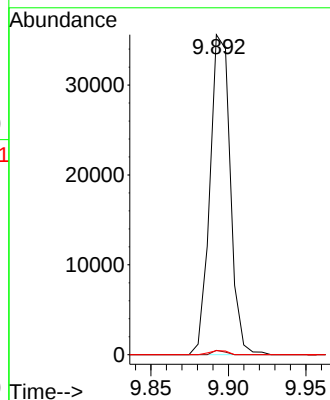
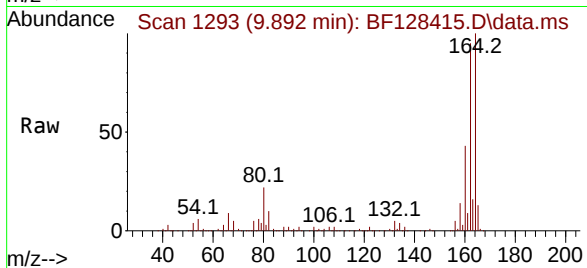
Tgt Ion:165 Resp: 32585

Ion Ratio Lower Upper

165 100

63 1.4 49.5 74.3#

89 1.3 49.0 73.4#



#57

2,4-Dinitrotoluene

Concen: 7.401 ng

RT: 9.892 min Scan# 1293

Delta R.T. -0.212 min

Lab File: BF128415.D

Acq: 23 May 2022 22:39

Tgt Ion:165 Resp: 32585

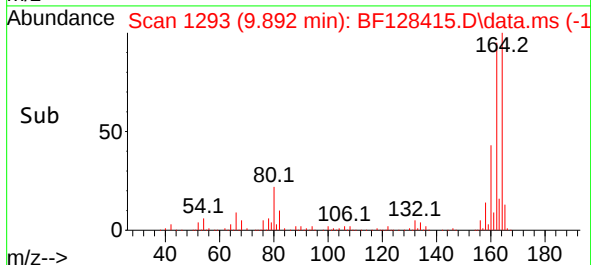
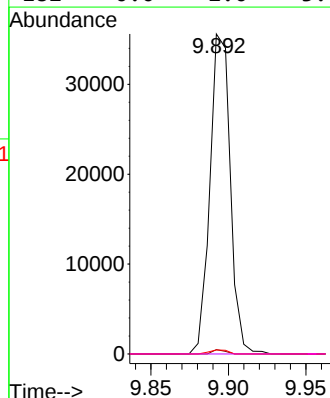
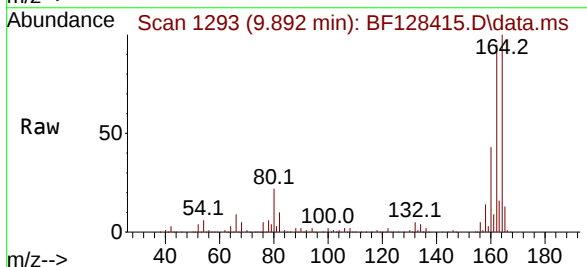
Ion Ratio Lower Upper

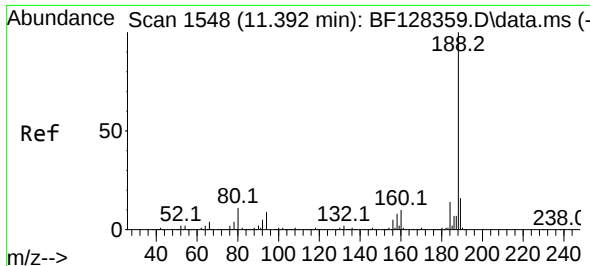
165 100

63 1.4 32.6 49.0#

89 1.3 55.2 82.8#

182 0.0 2.0 3.0#

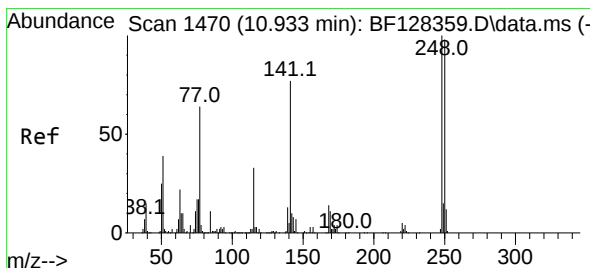
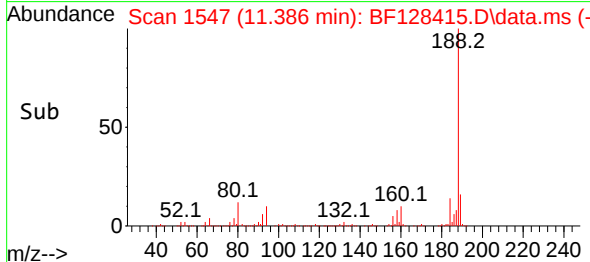
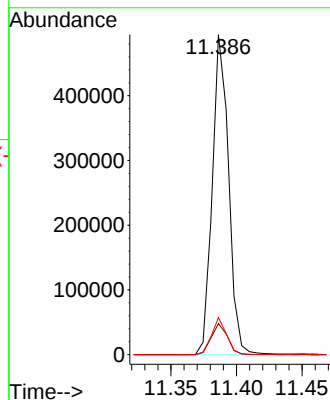
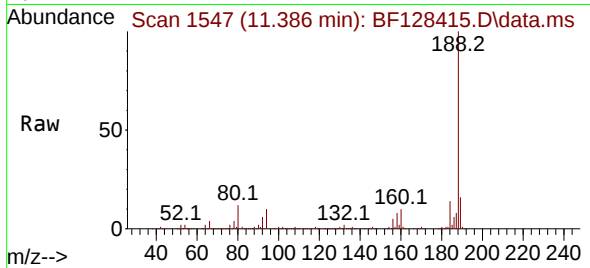




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.386 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF128415.D
Acq: 23 May 2022 22:39

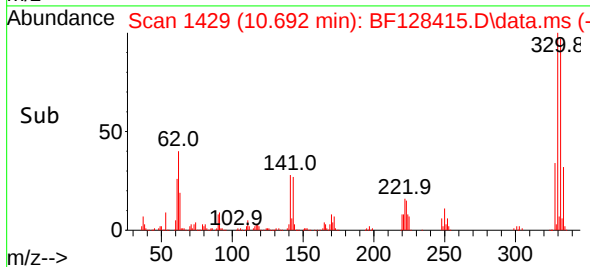
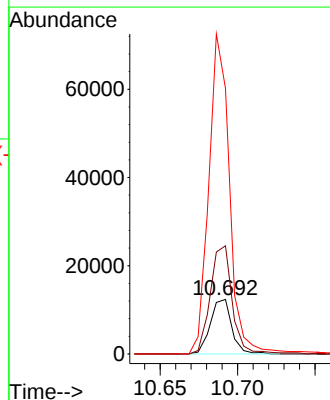
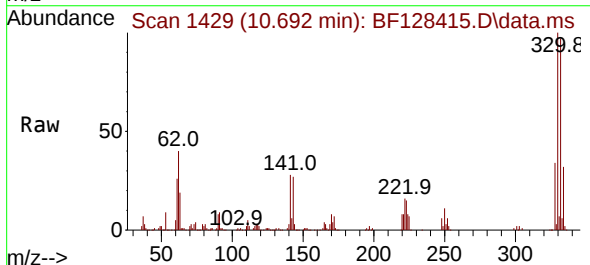
Instrument :
BNA_F
ClientSampleId :
P031-SS001-2430-01

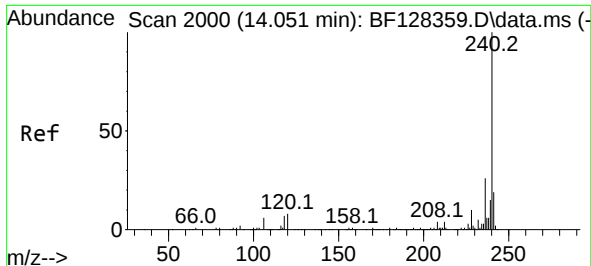
Tgt Ion:188 Resp: 427932
Ion Ratio Lower Upper
188 100
94 9.7 8.0 12.0
80 11.6 8.9 13.3



#67
4-Bromophenyl-phenylether
Concen: 2.649 ng
RT: 10.692 min Scan# 1429
Delta R.T. -0.241 min
Lab File: BF128415.D
Acq: 23 May 2022 22:39

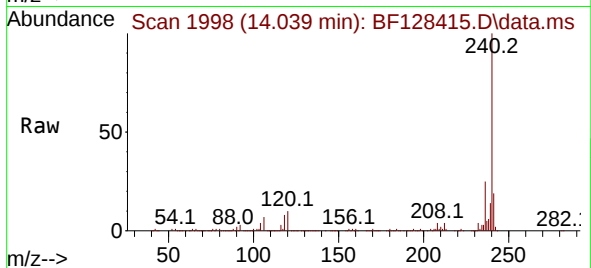
Tgt Ion:248 Resp: 11863
Ion Ratio Lower Upper
248 100
250 198.3 77.7 116.5#
141 486.9 65.6 98.4#



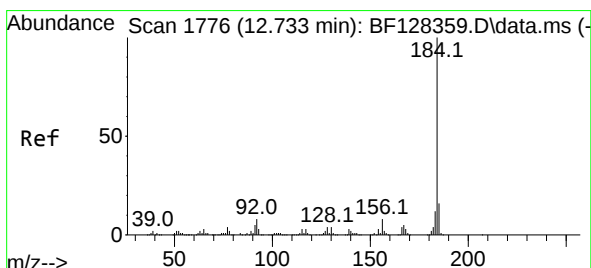
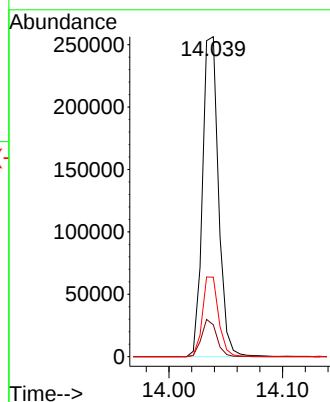
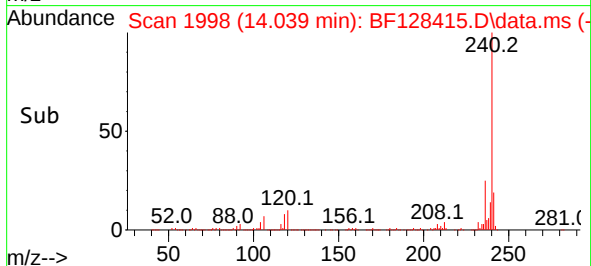


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.039 min Scan# 1998
Delta R.T. -0.012 min
Lab File: BF128415.D
Acq: 23 May 2022 22:39

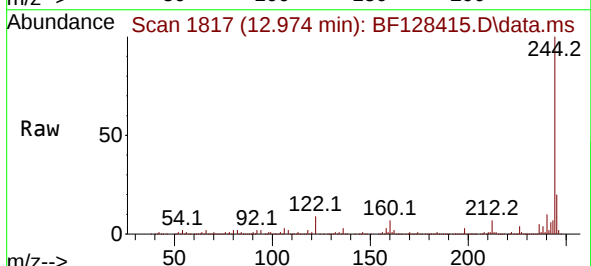
Instrument :
BNA_F
ClientSampleId :
P031-SS001-2430-01



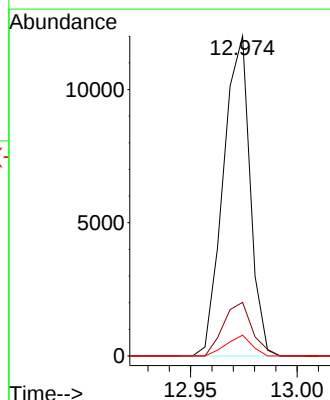
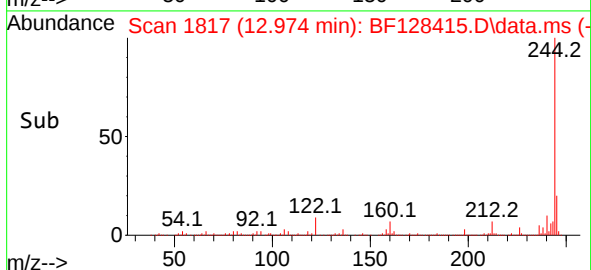
Tgt Ion:240 Resp: 251678
Ion Ratio Lower Upper
240 100
120 10.0 7.0 10.6
236 24.9 20.3 30.5

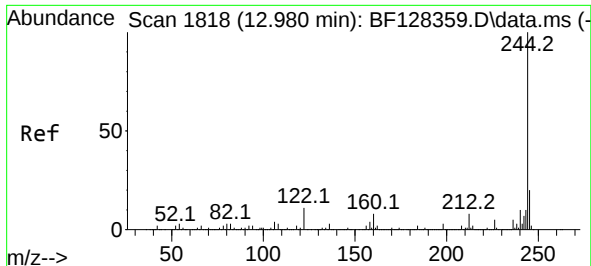


#77
Benzidine
Concen: 2.005 ng
RT: 12.974 min Scan# 1817
Delta R.T. 0.241 min
Lab File: BF128415.D
Acq: 23 May 2022 22:39



Tgt Ion:184 Resp: 10493
Ion Ratio Lower Upper
184 100
185 16.7 12.1 18.1
183 6.5 9.0 13.4

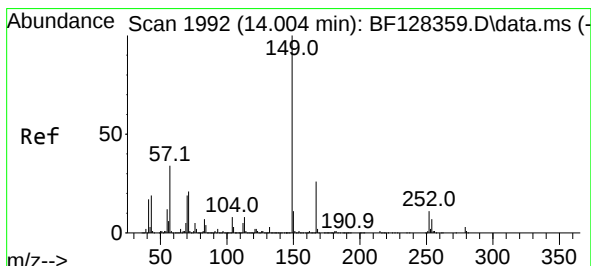
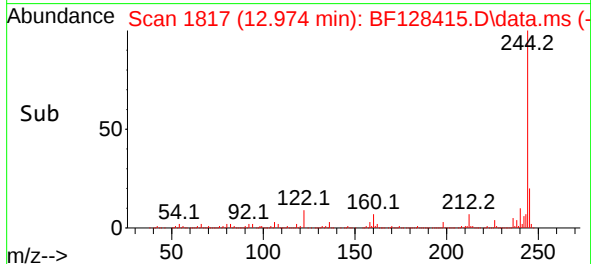
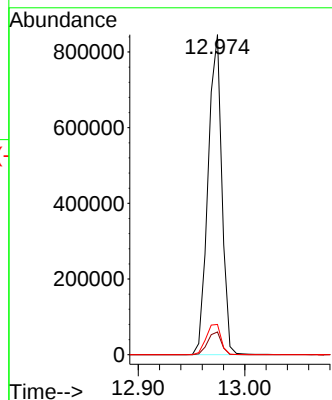
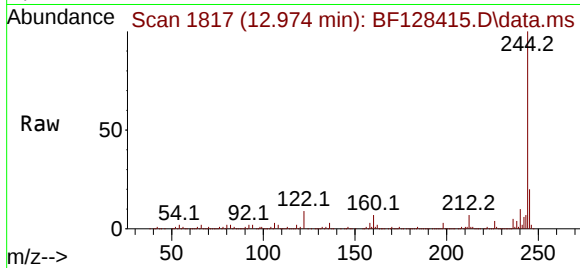




#79
 Terphenyl-d14
 Concen: 58.463 ng
 RT: 12.974 min Scan# 1817
 Delta R.T. -0.006 min
 Lab File: BF128415.D
 Acq: 23 May 2022 22:39

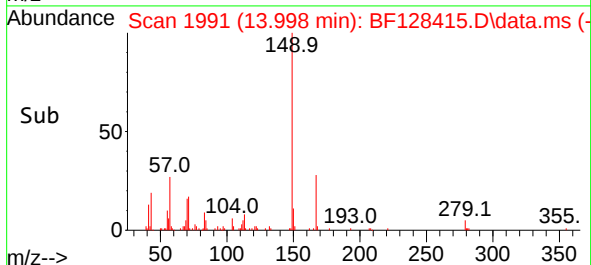
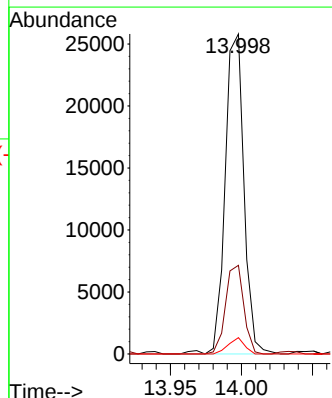
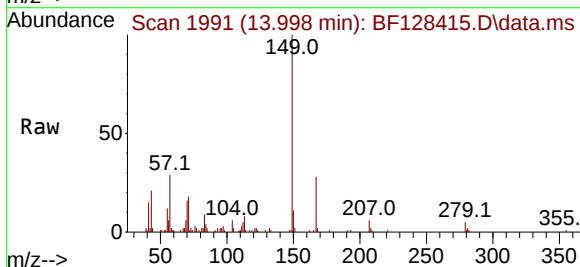
Instrument :
 BNA_F
 ClientSampleId :
 P031-SS001-2430-01

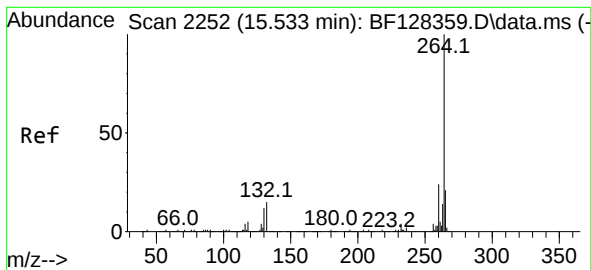
Tgt Ion:244 Resp: 762207
 Ion Ratio Lower Upper
 244 100
 212 7.1 6.2 9.4
 122 9.5 8.6 12.8



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 2.370 ng
 RT: 13.998 min Scan# 1991
 Delta R.T. -0.006 min
 Lab File: BF128415.D
 Acq: 23 May 2022 22:39

Tgt Ion:149 Resp: 23679
 Ion Ratio Lower Upper
 149 100
 167 27.7 22.0 33.0
 279 5.1 3.4 5.0#





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.521 min Scan# 21

Delta R.T. -0.012 min

Lab File: BF128415.D

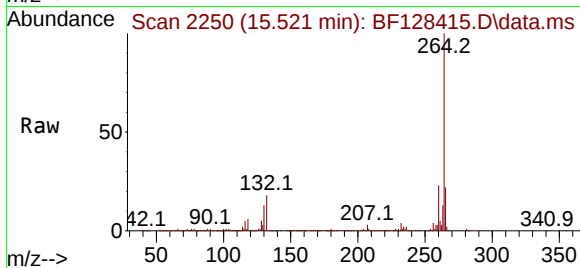
Acq: 23 May 2022 22:39

Instrument :

BNA_F

ClientSampleId :

P031-SS001-2430-01



Tgt Ion:264 Resp: 250327

Ion Ratio Lower Upper

264 100

260 23.0 20.1 30.1

265 21.9 17.5 26.3

