

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052322\
 Data File : BF128424.D
 Acq On : 24 May 2022 03:03
 Operator : CG\JU
 Sample : N2875-19 2X
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P007-SS010-0006-01

Quant Time: May 24 04:22:29 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)

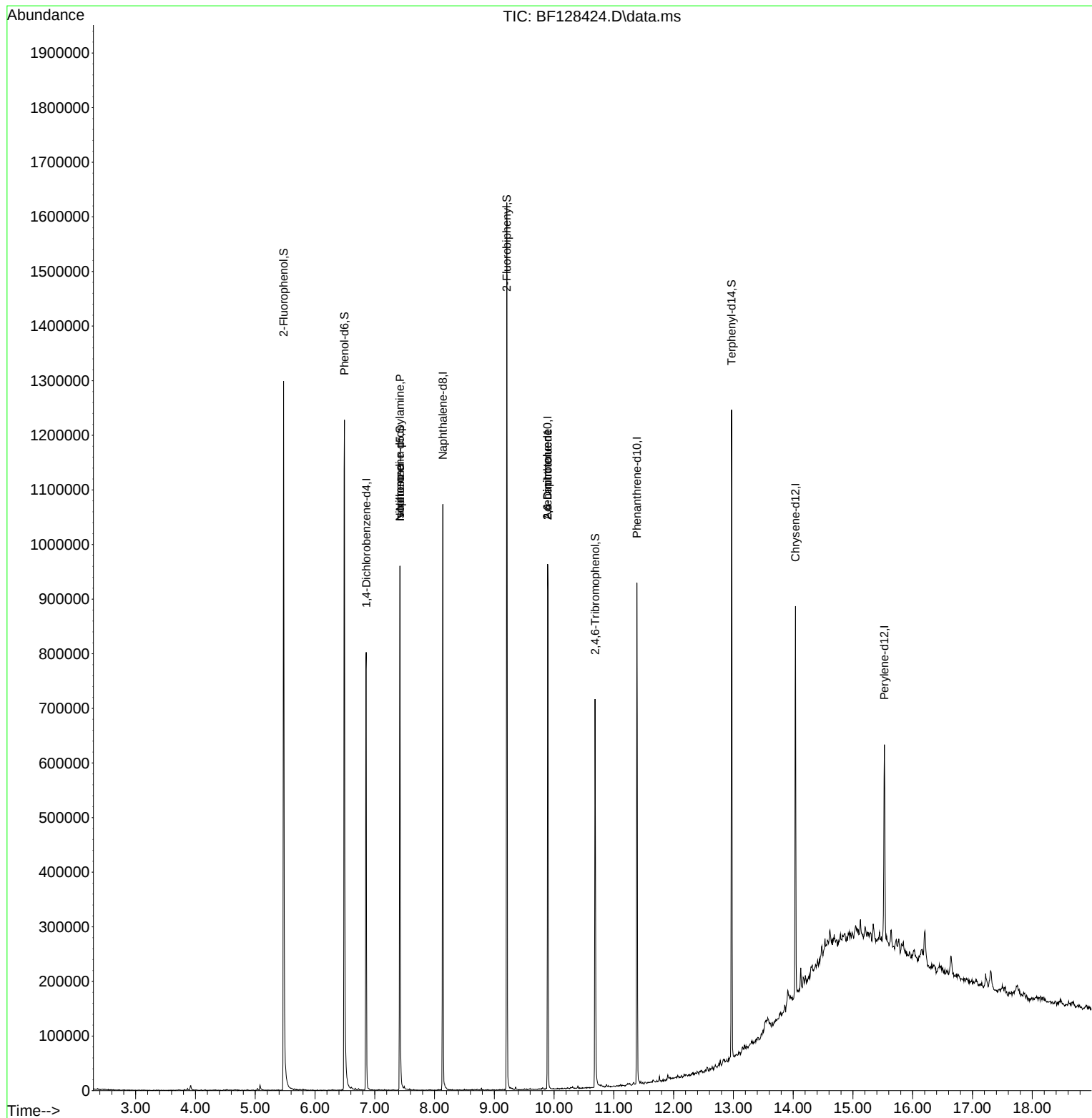
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.857	152	121560	20.000	ng	0.00
21) Naphthalene-d8	8.139	136	433847	20.000	ng	0.00
39) Acenaphthene-d10	9.892	164	203104	20.000	ng	-0.01
64) Phenanthrene-d10	11.386	188	326975	20.000	ng	0.00
76) Chrysene-d12	14.039	240	244587	20.000	ng	-0.01
86) Perylene-d12	15.527	264	173624	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	359871	47.112	ng	0.00
7) Phenol-d6	6.493	99	443977	44.139	ng	0.00
23) Nitrobenzene-d5	7.422	82	292278	30.185	ng	-0.01
42) 2,4,6-Tribromophenol	10.686	330	81819	39.062	ng	-0.01
45) 2-Fluorobiphenyl	9.210	172	454867	36.625	ng	-0.01
79) Terphenyl-d14	12.969	244	406324	32.069	ng	-0.01
Target Compounds						
					Qvalue	
9) Benzaldehyde	6.493	77	834	Below Cal	#	3
19) n-Nitroso-di-n-propyla...	7.422	70	37319	6.204 ng	#	77
25) Isophorone	7.422	82	292277	19.697 ng	#	68
51) 2,6-Dinitrotoluene	9.892	165	25868	9.142 ng	#	21
57) 2,4-Dinitrotoluene	9.892	165	25868	7.256 ng	#	25

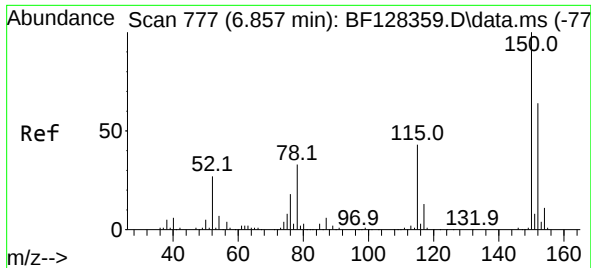
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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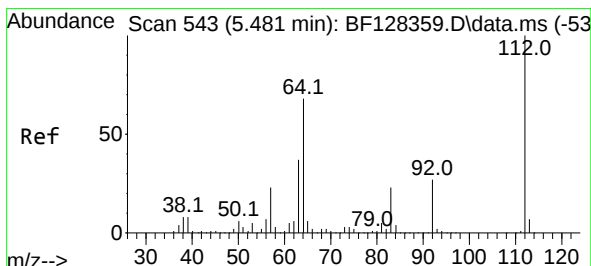
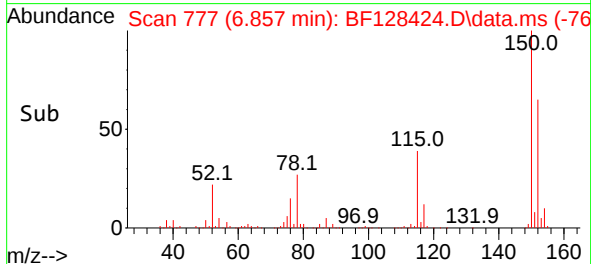
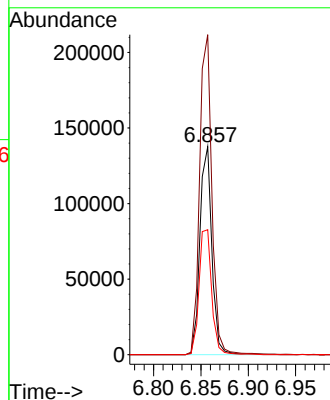
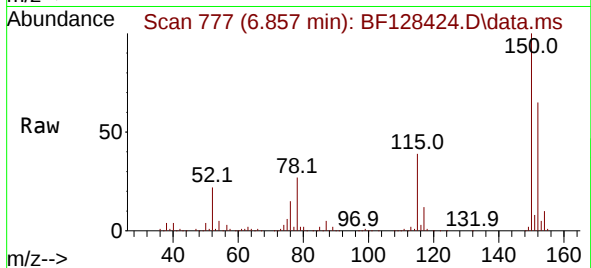




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.857 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF128424.D
Acq: 24 May 2022 03:03

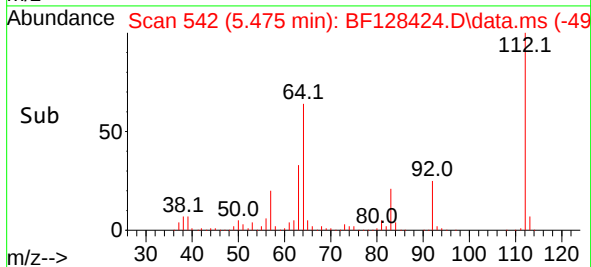
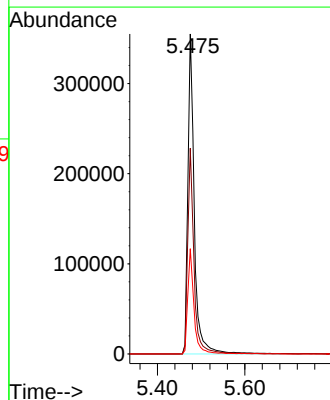
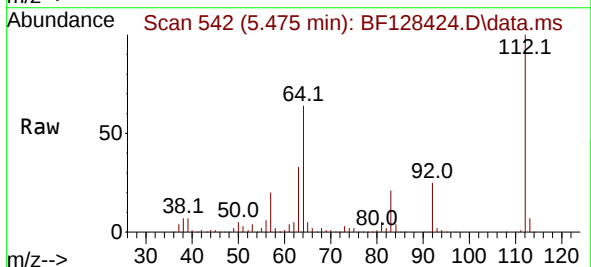
Instrument :
BNA_F
ClientSampleId :
P007-SS010-0006-01

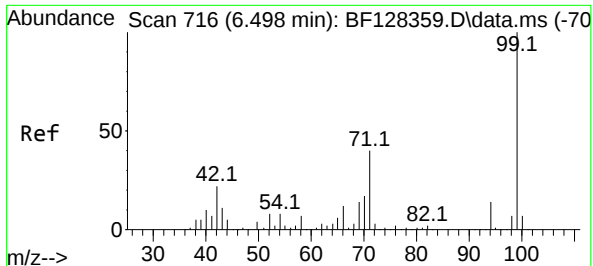
Tgt Ion:152 Resp: 121560
Ion Ratio Lower Upper
152 100
150 153.8 125.3 187.9
115 60.1 48.8 73.2



#5
2-Fluorophenol
Concen: 47.112 ng
RT: 5.475 min Scan# 542
Delta R.T. -0.006 min
Lab File: BF128424.D
Acq: 24 May 2022 03:03

Tgt Ion:112 Resp: 359871
Ion Ratio Lower Upper
112 100
64 64.3 49.5 74.3
63 32.9 26.3 39.5

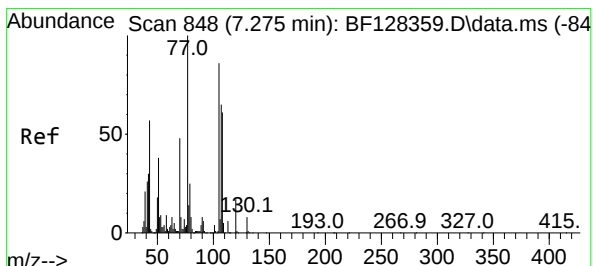
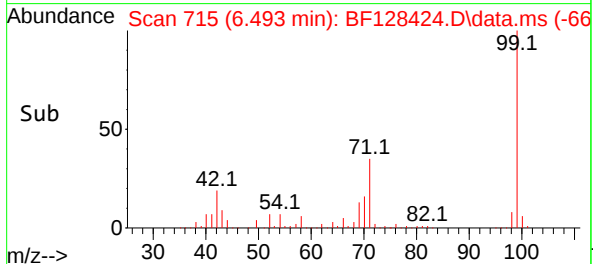
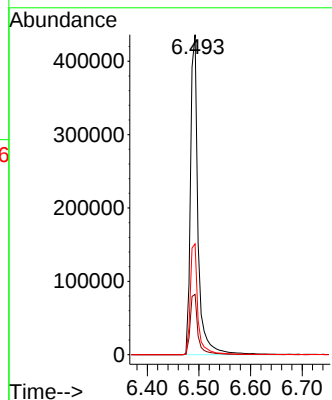
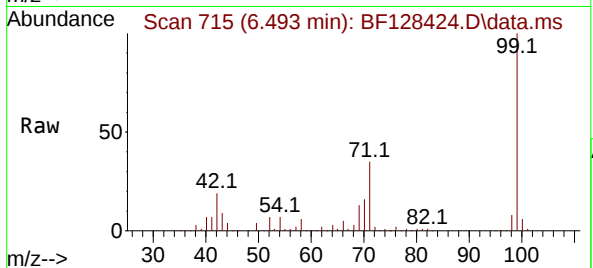




#7
Phenol-d6
Concen: 44.139 ng
RT: 6.493 min Scan# 716
Delta R.T. -0.006 min
Lab File: BF128424.D
Acq: 24 May 2022 03:03

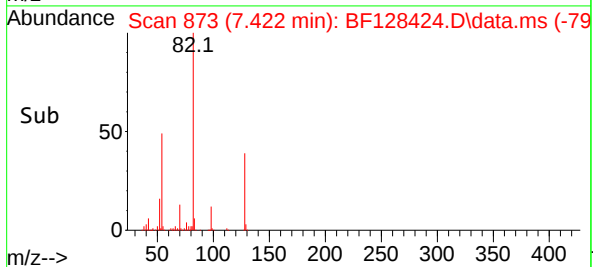
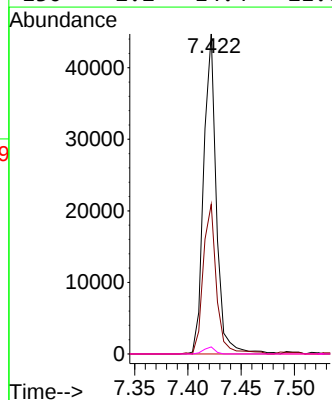
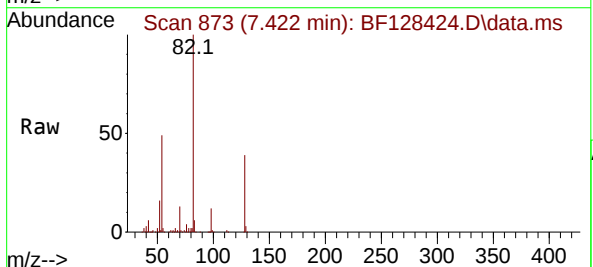
Instrument :
BNA_F
ClientSampleId :
P007-SS010-0006-01

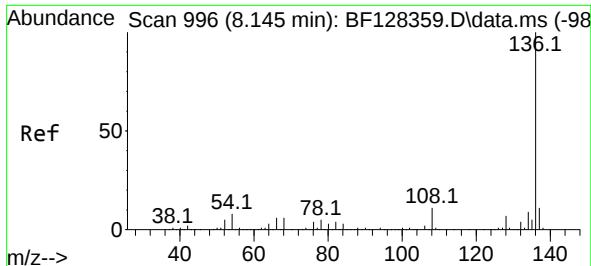
Tgt Ion: 99 Resp: 443977
Ion Ratio Lower Upper
99 100
42 18.8 16.6 24.8
71 34.6 30.0 45.0



#19
n-Nitroso-di-n-propylamine
Concen: 6.204 ng
RT: 7.422 min Scan# 873
Delta R.T. 0.147 min
Lab File: BF128424.D
Acq: 24 May 2022 03:03

Tgt Ion: 70 Resp: 37319
Ion Ratio Lower Upper
70 100
42 46.8 48.7 73.1#
101 0.0 7.2 10.8#
130 2.2 14.4 21.6#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.139 min Scan# 94

Delta R.T. -0.006 min

Lab File: BF128424.D

Acq: 24 May 2022 03:03

Instrument :

BNA_F

ClientSampleId :

P007-SS010-0006-01

Tgt Ion:136 Resp: 433847

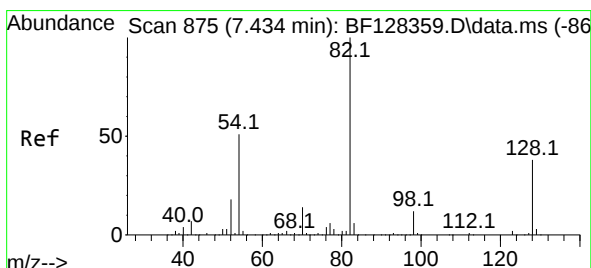
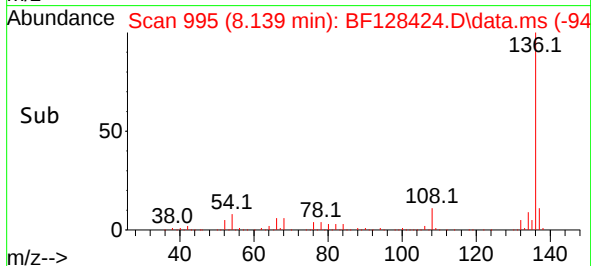
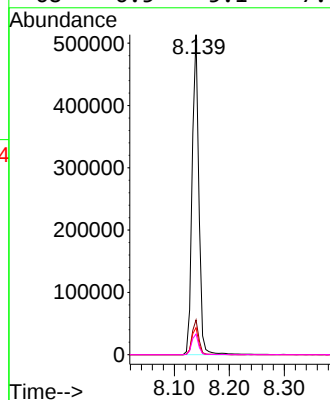
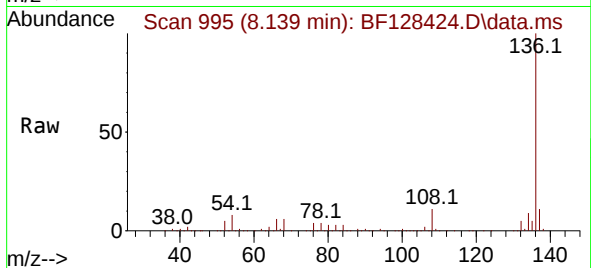
Ion Ratio Lower Upper

136 100

137 10.9 8.6 13.0

54 8.5 6.8 10.2

68 6.5 5.1 7.7



#23

Nitrobenzene-d5

Concen: 30.185 ng

RT: 7.422 min Scan# 873

Delta R.T. -0.012 min

Lab File: BF128424.D

Acq: 24 May 2022 03:03

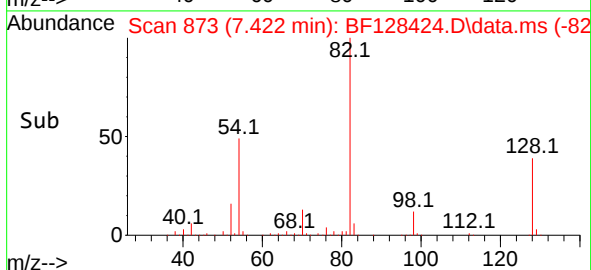
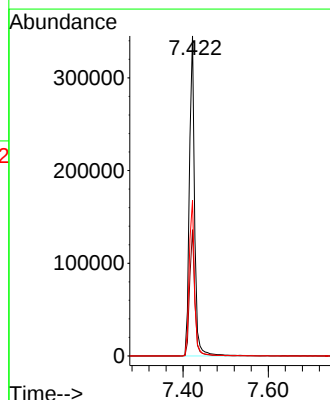
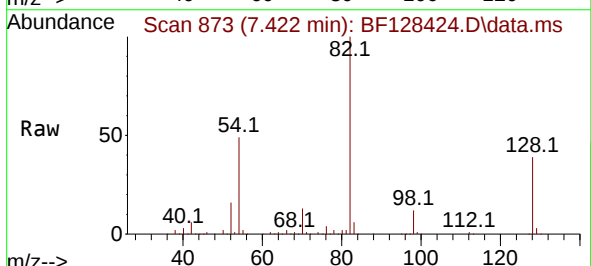
Tgt Ion: 82 Resp: 292278

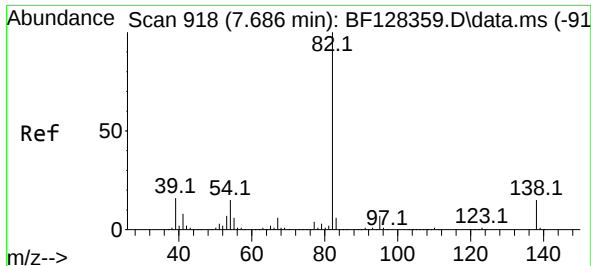
Ion Ratio Lower Upper

82 100

128 39.4 30.0 45.0

54 48.6 41.3 61.9

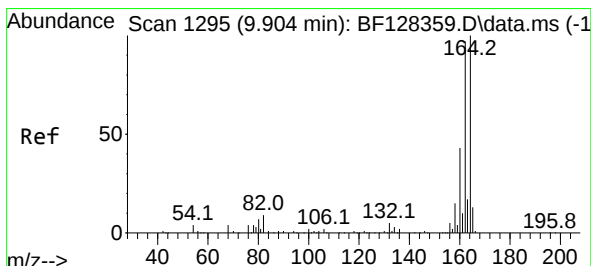
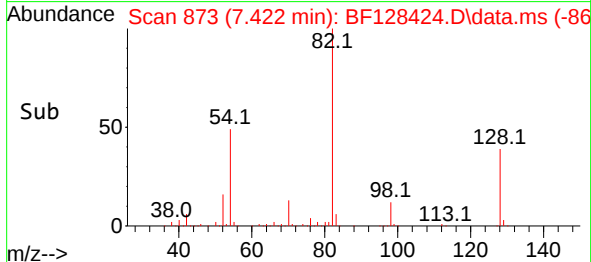
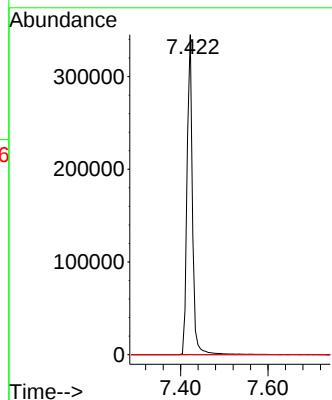
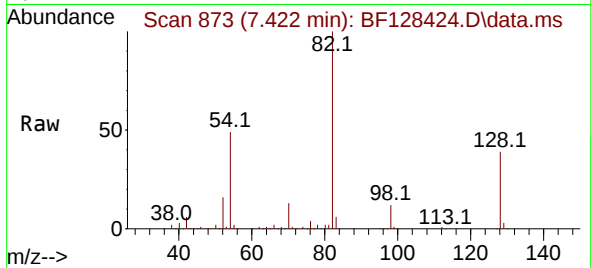




#25
Isophorone
Concen: 19.697 ng
RT: 7.422 min Scan# 81
Delta R.T. -0.265 min
Lab File: BF128424.D
Acq: 24 May 2022 03:03

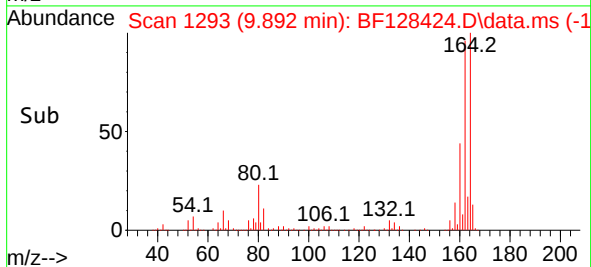
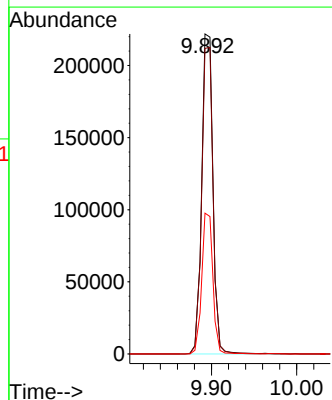
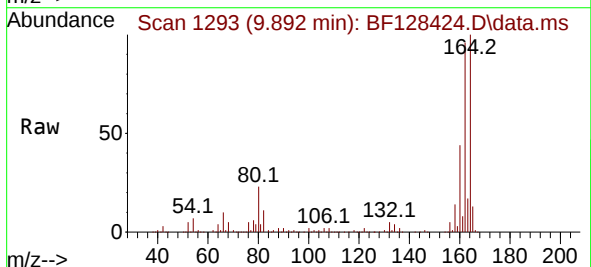
Instrument :
BNA_F
ClientSampleId :
P007-SS010-0006-01

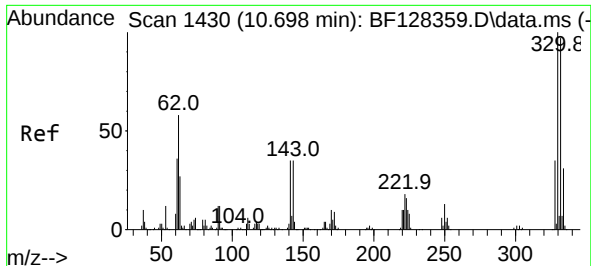
Tgt Ion: 82 Resp: 292277
Ion Ratio Lower Upper
82 100
95 0.0 5.6 8.4#
138 0.0 12.5 18.7#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.892 min Scan# 1293
Delta R.T. -0.012 min
Lab File: BF128424.D
Acq: 24 May 2022 03:03

Tgt Ion:164 Resp: 203104
Ion Ratio Lower Upper
164 100
162 95.5 76.0 114.0
160 44.0 34.8 52.2





#42

2,4,6-Tribromophenol

Concen: 39.062 ng

RT: 10.686 min Scan# 1428

Delta R.T. -0.012 min

Lab File: BF128424.D

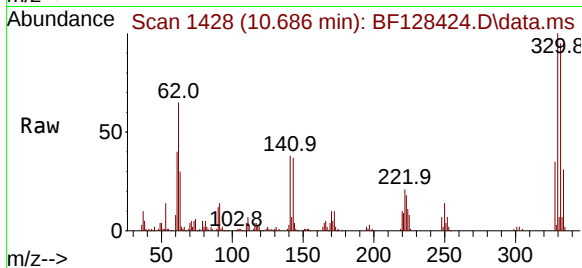
Acq: 24 May 2022 03:03

Instrument :

BNA_F

ClientSampleId :

P007-SS010-0006-01



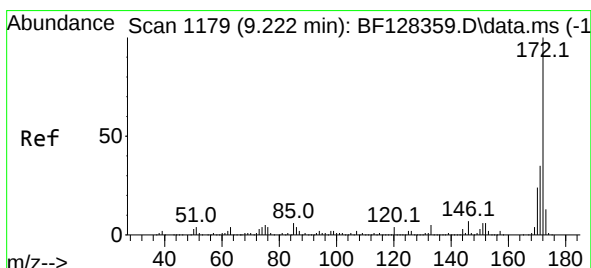
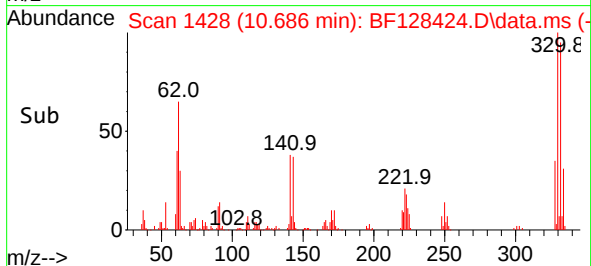
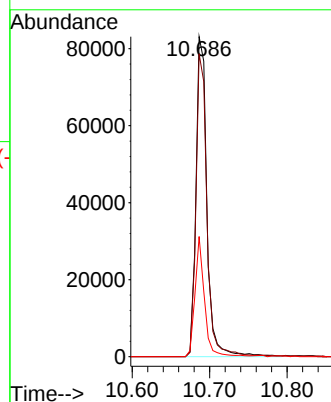
Tgt Ion:330 Resp: 81819

Ion Ratio Lower Upper

330 100

332 94.8 79.0 118.4

141 32.4 28.9 43.3



#45

2-Fluorobiphenyl

Concen: 36.625 ng

RT: 9.210 min Scan# 1177

Delta R.T. -0.012 min

Lab File: BF128424.D

Acq: 24 May 2022 03:03

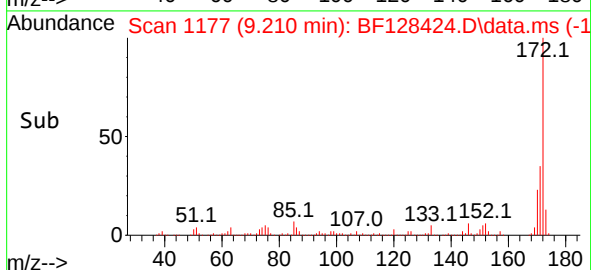
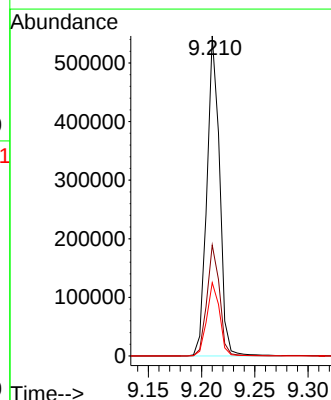
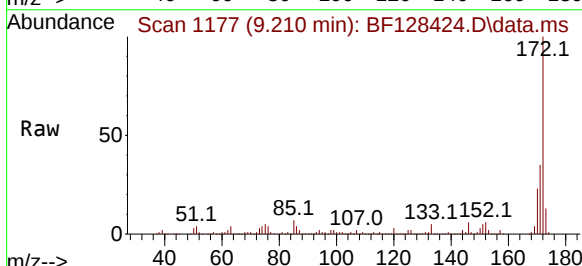
Tgt Ion:172 Resp: 454867

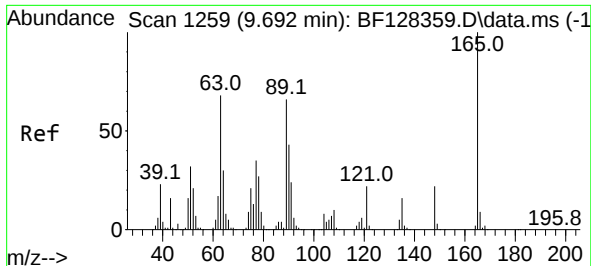
Ion Ratio Lower Upper

172 100

171 34.7 28.6 42.8

170 22.9 19.1 28.7





#51

2,6-Dinitrotoluene

Concen: 9.142 ng

RT: 9.892 min Scan# 1293

Delta R.T. 0.200 min

Lab File: BF128424.D

Acq: 24 May 2022 03:03

Instrument :

BNA_F

ClientSampleId :

P007-SS010-0006-01

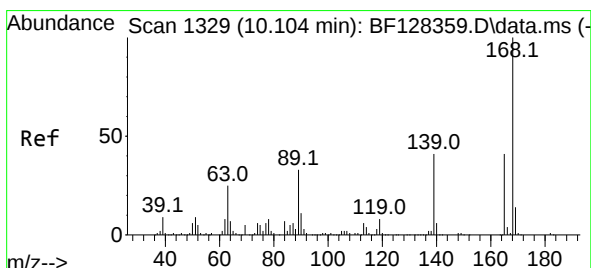
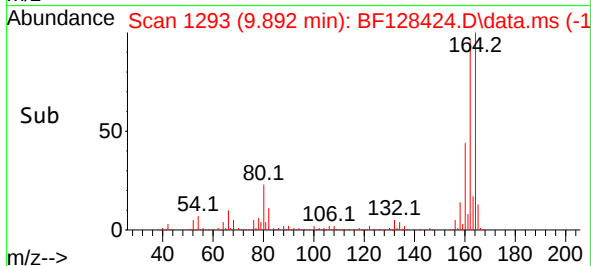
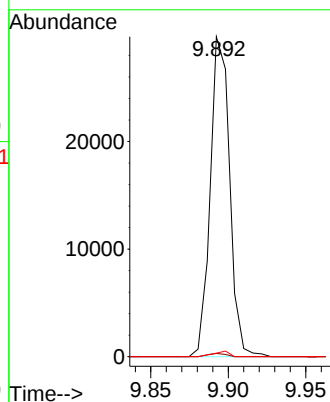
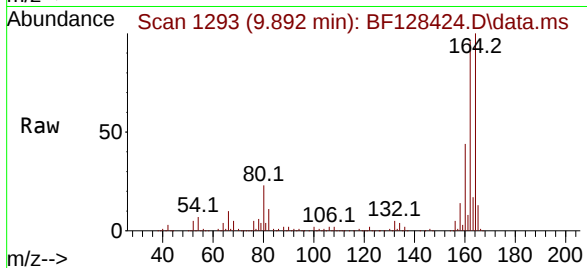
Tgt Ion:165 Resp: 25868

Ion Ratio Lower Upper

165 100

63 1.0 49.5 74.3#

89 1.1 49.0 73.4#



#57

2,4-Dinitrotoluene

Concen: 7.256 ng

RT: 9.892 min Scan# 1293

Delta R.T. -0.212 min

Lab File: BF128424.D

Acq: 24 May 2022 03:03

Tgt Ion:165 Resp: 25868

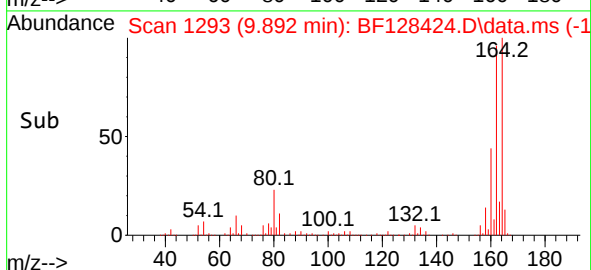
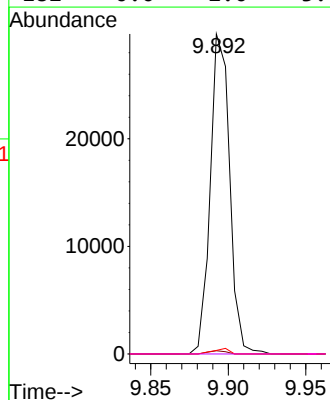
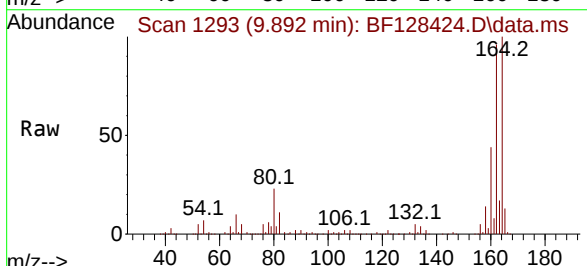
Ion Ratio Lower Upper

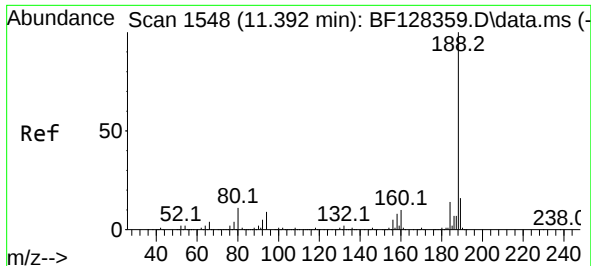
165 100

63 1.0 32.6 49.0#

89 1.1 55.2 82.8#

182 0.0 2.0 3.0#

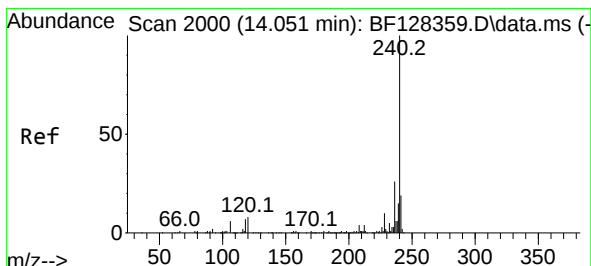
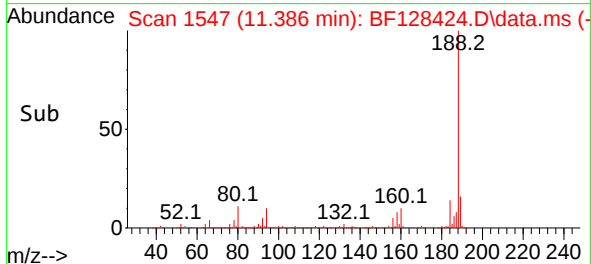
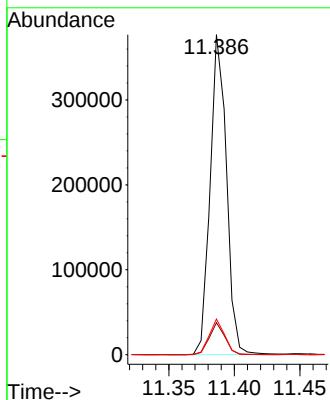
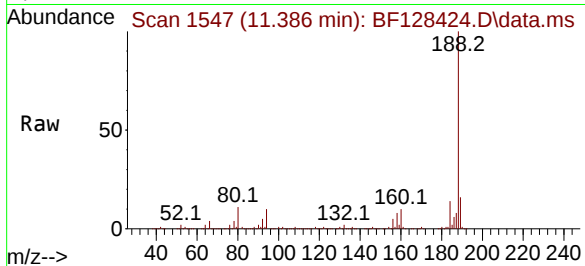




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.386 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF128424.D
Acq: 24 May 2022 03:03

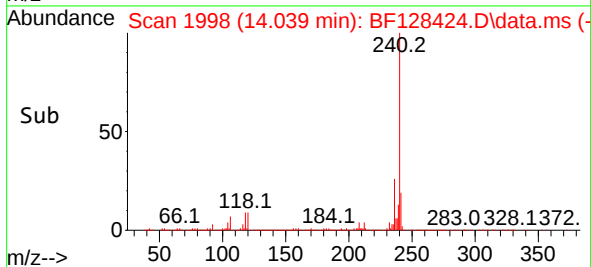
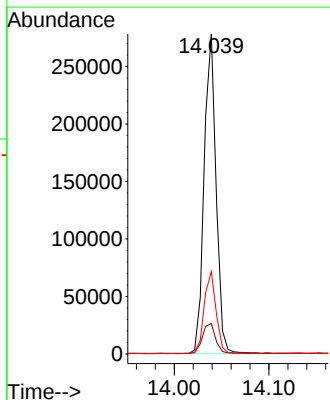
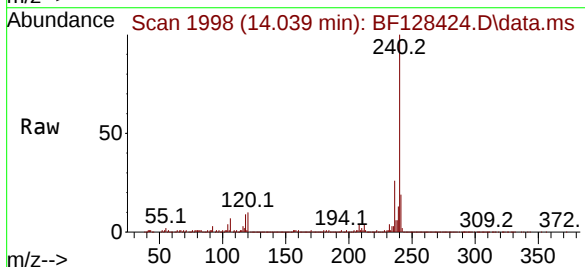
Instrument :
BNA_F
ClientSampleId :
P007-SS010-0006-01

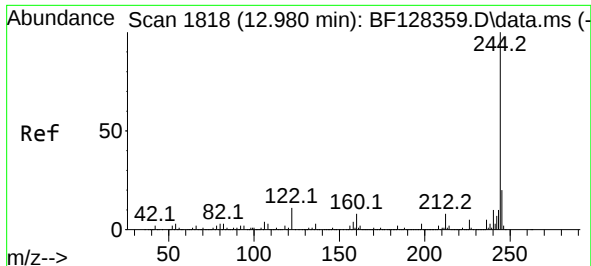
Tgt Ion:188 Resp: 326975
Ion Ratio Lower Upper
188 100
94 10.0 8.0 12.0
80 11.1 8.9 13.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.039 min Scan# 1998
Delta R.T. -0.012 min
Lab File: BF128424.D
Acq: 24 May 2022 03:03

Tgt Ion:240 Resp: 244587
Ion Ratio Lower Upper
240 100
120 9.5 7.0 10.6
236 25.8 20.3 30.5

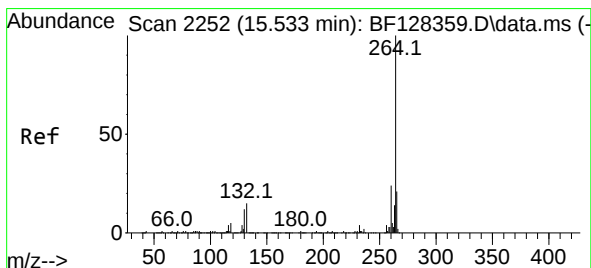
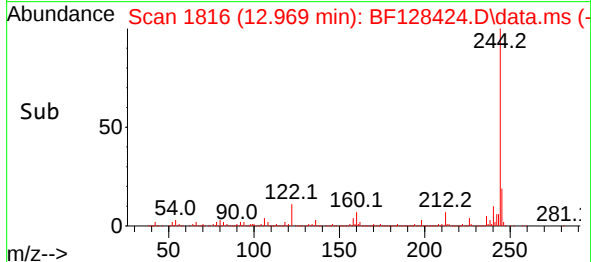
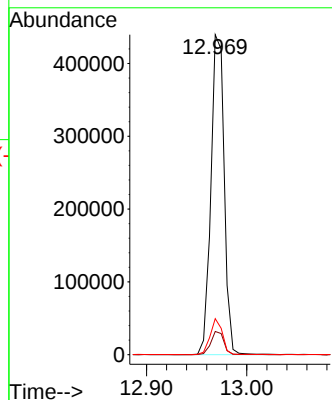
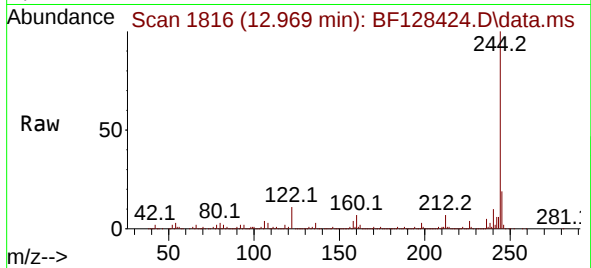




#79
 Terphenyl-d14
 Concen: 32.069 ng
 RT: 12.969 min Scan# 1816
 Delta R.T. -0.012 min
 Lab File: BF128424.D
 Acq: 24 May 2022 03:03

Instrument :
 BNA_F
 ClientSampleId :
 P007-SS010-0006-01

Tgt Ion:244 Resp: 406324
 Ion Ratio Lower Upper
 244 100
 212 7.2 6.2 9.4
 122 11.2 8.6 12.8



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.527 min Scan# 2251
 Delta R.T. -0.006 min
 Lab File: BF128424.D
 Acq: 24 May 2022 03:03

Tgt Ion:264 Resp: 173624
 Ion Ratio Lower Upper
 264 100
 260 23.9 20.1 30.1
 265 21.8 17.5 26.3

