

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052322\
 Data File : BF128422.D
 Acq On : 24 May 2022 02:04
 Operator : CG\JU
 Sample : N2875-11
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P007-SS008-0006-01

Quant Time: May 24 02:38:10 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)

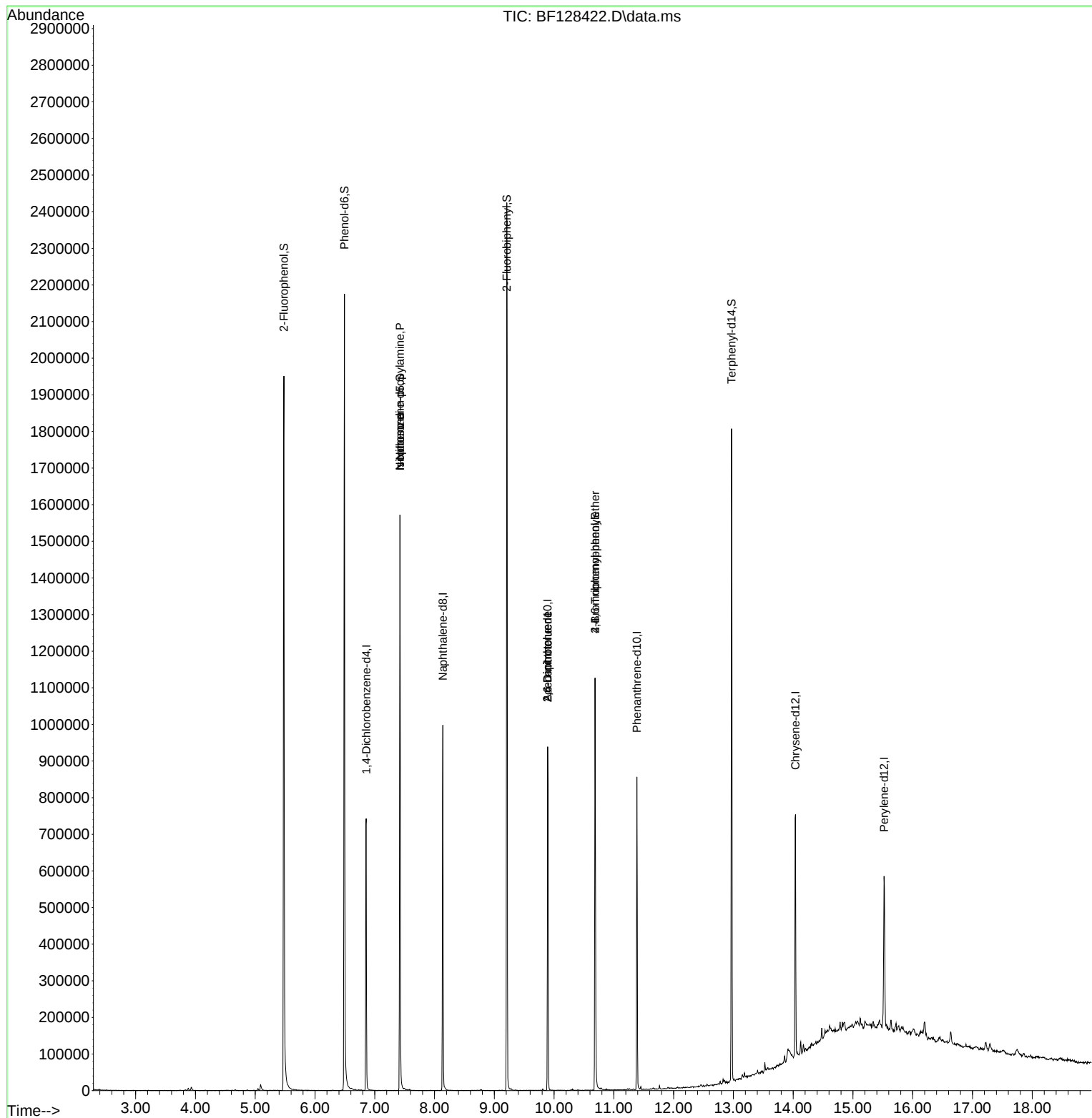
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.857	152	113236	20.000	ng	0.00
21) Naphthalene-d8	8.139	136	415857	20.000	ng	0.00
39) Acenaphthene-d10	9.892	164	200969	20.000	ng	-0.01
64) Phenanthrene-d10	11.386	188	297986	20.000	ng	0.00
76) Chrysene-d12	14.039	240	249079	20.000	ng	-0.01
86) Perylene-d12	15.521	264	199907	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	562674	79.076	ng	0.00
7) Phenol-d6	6.492	99	704883	75.230	ng	0.00
23) Nitrobenzene-d5	7.422	82	487660	52.541	ng	-0.01
42) 2,4,6-Tribromophenol	10.686	330	129321	62.396	ng	-0.01
45) 2-Fluorobiphenyl	9.210	172	731756	59.545	ng	-0.01
79) Terphenyl-d14	12.969	244	613589	47.555	ng	-0.01
Target Compounds						
					Qvalue	
9) Benzaldehyde	6.492	77	1059	Below Cal	#	3
19) n-Nitroso-di-n-propyla...	7.422	70	64116	11.442	ng	# 79
25) Isophorone	7.422	82	487656	34.285	ng	# 68
51) 2,6-Dinitrotoluene	9.892	165	25240	9.015	ng	# 21
57) 2,4-Dinitrotoluene	9.892	165	25240	7.155	ng	# 26
67) 4-Bromophenyl-phenylether	10.686	248	8053	2.582	ng	# 1

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

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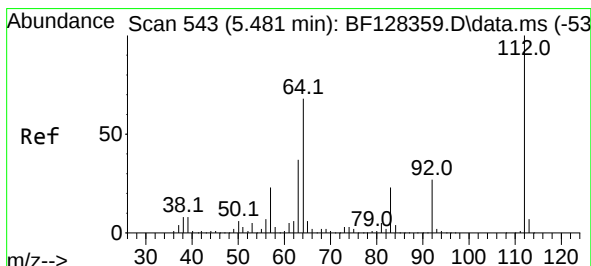
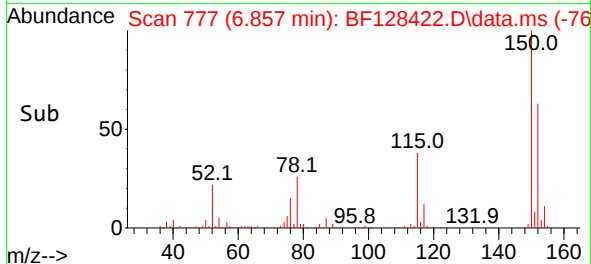
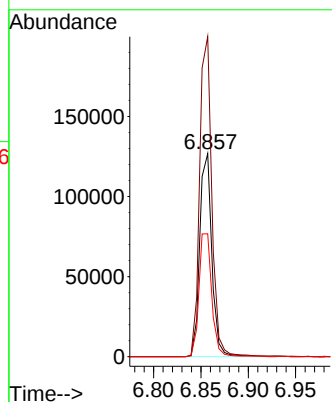
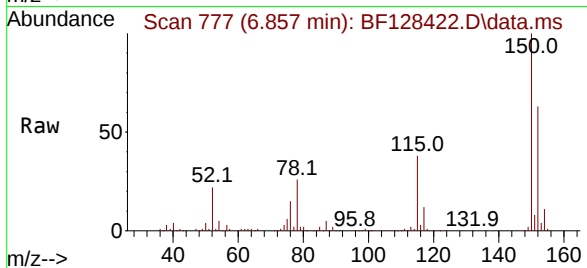




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.857 min Scan# 71
 Delta R.T. 0.000 min
 Lab File: BF128422.D
 Acq: 24 May 2022 02:04

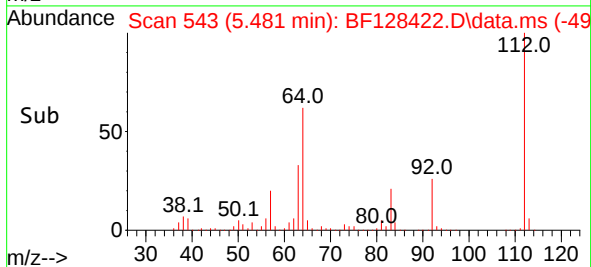
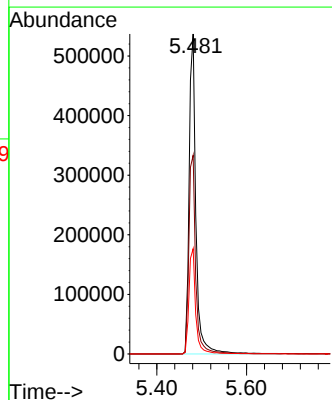
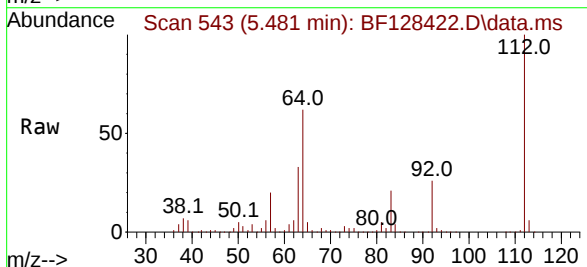
Instrument :
 BNA_F
 ClientSampleId :
 P007-SS008-0006-01

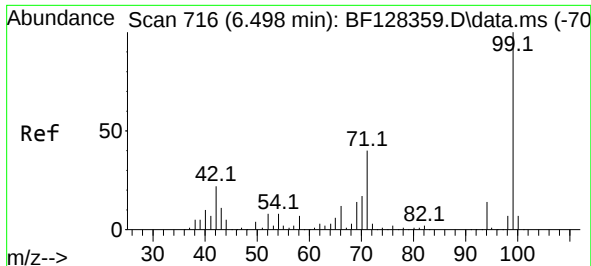
Tgt Ion:152 Resp: 113236
 Ion Ratio Lower Upper
 152 100
 150 157.6 125.3 187.9
 115 60.5 48.8 73.2



#5
 2-Fluorophenol
 Concen: 79.076 ng
 RT: 5.481 min Scan# 543
 Delta R.T. 0.000 min
 Lab File: BF128422.D
 Acq: 24 May 2022 02:04

Tgt Ion:112 Resp: 562674
 Ion Ratio Lower Upper
 112 100
 64 62.1 49.5 74.3
 63 32.9 26.3 39.5

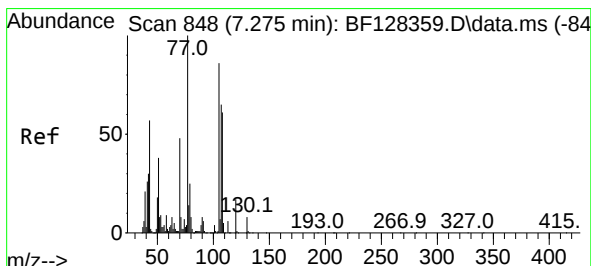
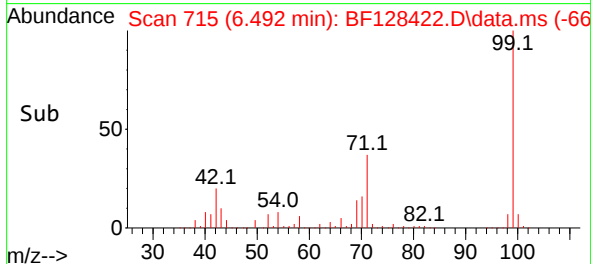
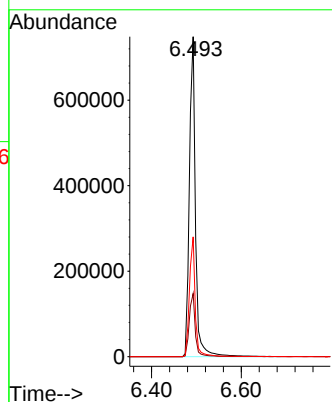
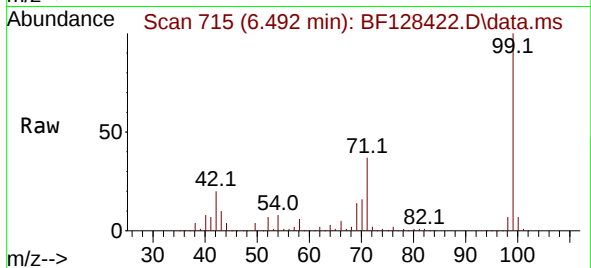




#7
Phenol-d6
Concen: 75.230 ng
RT: 6.492 min Scan# 716
Delta R.T. -0.006 min
Lab File: BF128422.D
Acq: 24 May 2022 02:04

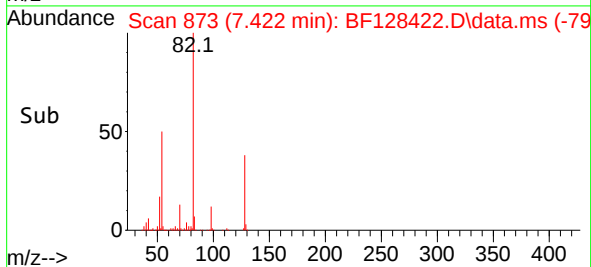
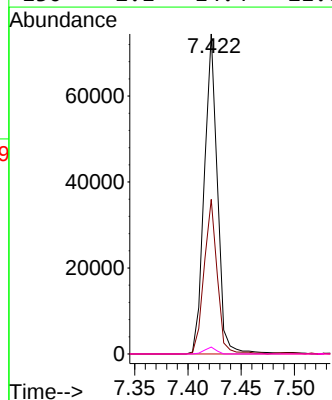
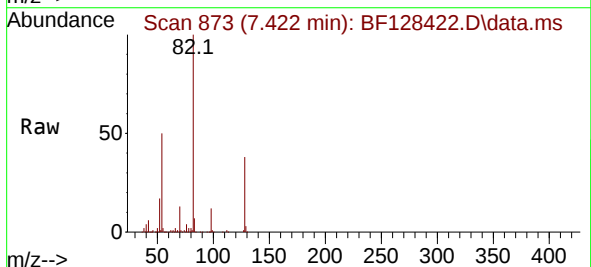
Instrument :
BNA_F
ClientSampleId :
P007-SS008-0006-01

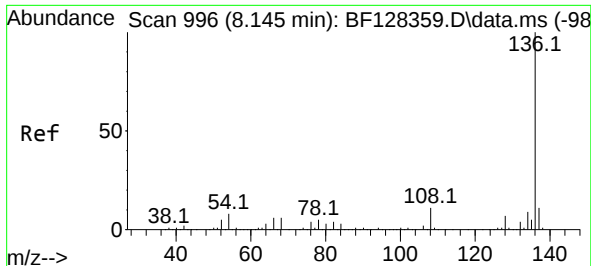
Tgt Ion: 99 Resp: 704883
Ion Ratio Lower Upper
99 100
42 19.8 16.6 24.8
71 37.4 30.0 45.0



#19
n-Nitroso-di-n-propylamine
Concen: 11.442 ng
RT: 7.422 min Scan# 873
Delta R.T. 0.147 min
Lab File: BF128422.D
Acq: 24 May 2022 02:04

Tgt Ion: 70 Resp: 64116
Ion Ratio Lower Upper
70 100
42 48.3 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: BF128422.D

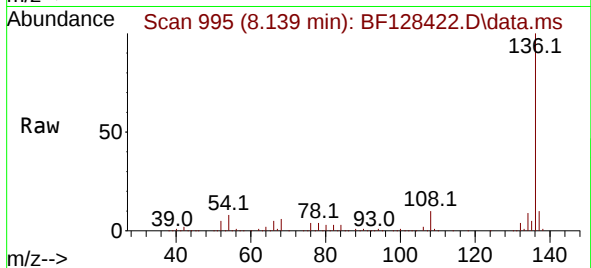
Acq: 24 May 2022 02:04

Instrument :

BNA_F

ClientSampleId :

P007-SS008-0006-01



Tgt Ion:136 Resp: 415857

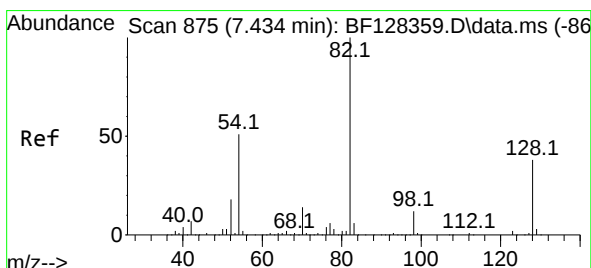
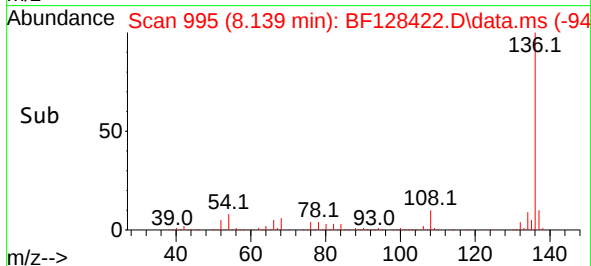
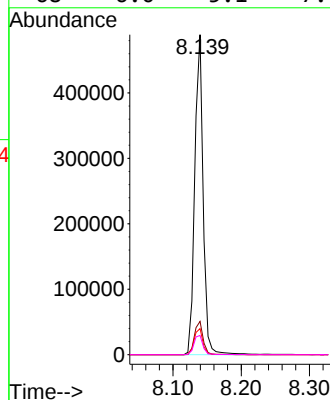
Ion Ratio Lower Upper

136 100

137 10.4 8.6 13.0

54 8.2 6.8 10.2

68 6.0 5.1 7.7



#23

Nitrobenzene-d5

Concen: 52.541 ng

RT: 7.422 min Scan# 873

Delta R.T. -0.012 min

Lab File: BF128422.D

Acq: 24 May 2022 02:04

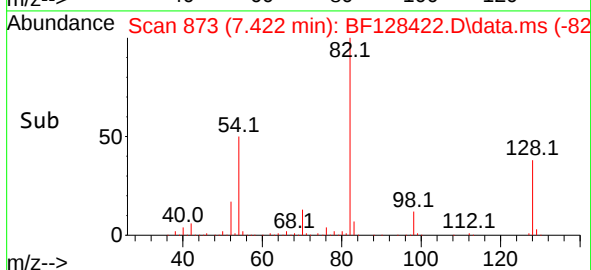
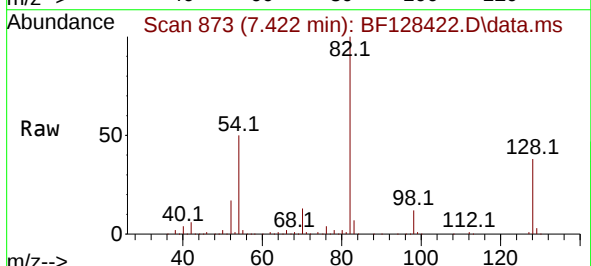
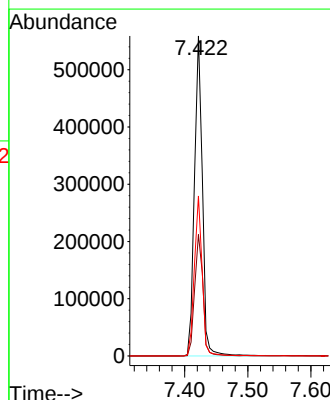
Tgt Ion: 82 Resp: 487660

Ion Ratio Lower Upper

82 100

128 37.9 30.0 45.0

54 50.0 41.3 61.9

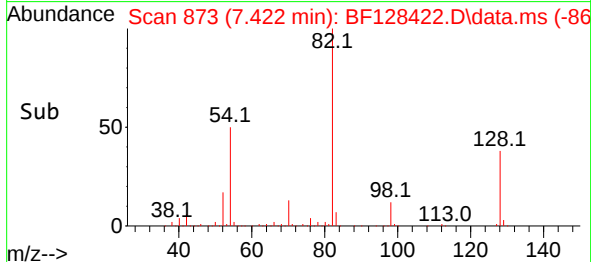
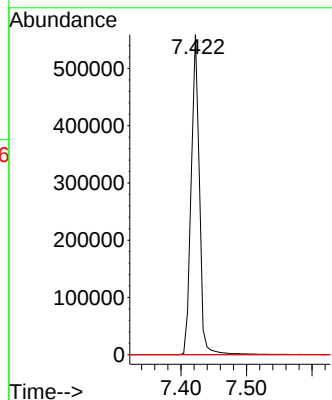
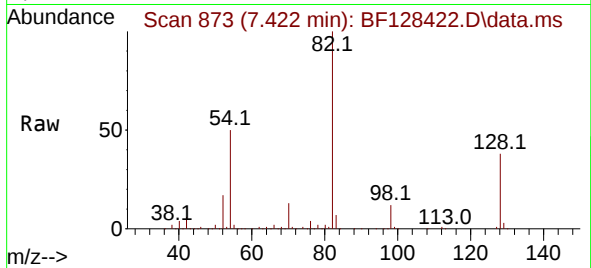




#25
Isophorone
Concen: 34.285 ng
RT: 7.422 min Scan# 81
Delta R.T. -0.265 min
Lab File: BF128422.D
Acq: 24 May 2022 02:04

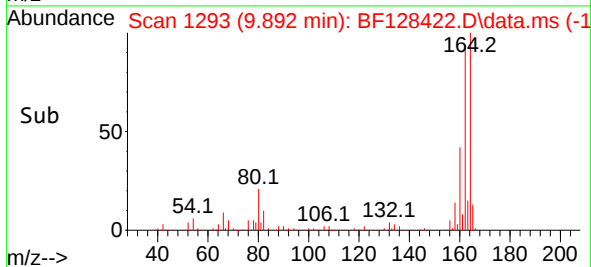
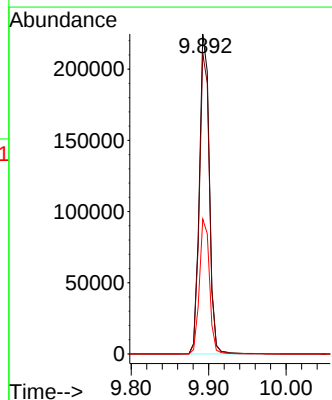
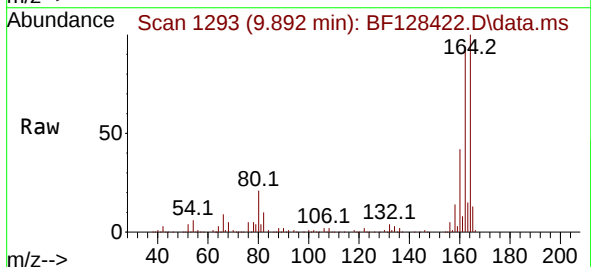
Instrument :
BNA_F
ClientSampleId :
P007-SS008-0006-01

Tgt Ion: 82 Resp: 487656
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: BF128422.D
Acq: 24 May 2022 02:04

Tgt Ion:164 Resp: 200969
Ion Ratio Lower Upper
164 100
162 93.9 76.0 114.0
160 42.1 34.8 52.2





#42

2,4,6-Tribromophenol

Concen: 62.396 ng

RT: 10.686 min Scan# 1430

Delta R.T. -0.012 min

Lab File: BF128422.D

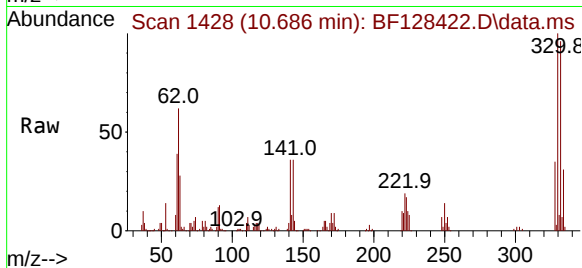
Acq: 24 May 2022 02:04

Instrument :

BNA_F

ClientSampleId :

P007-SS008-0006-01



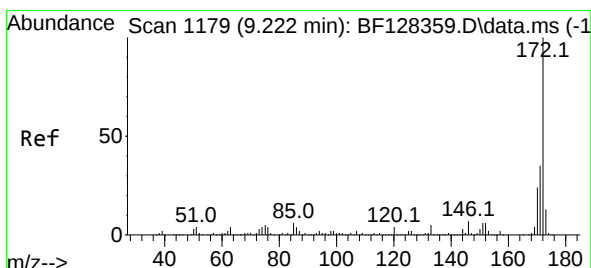
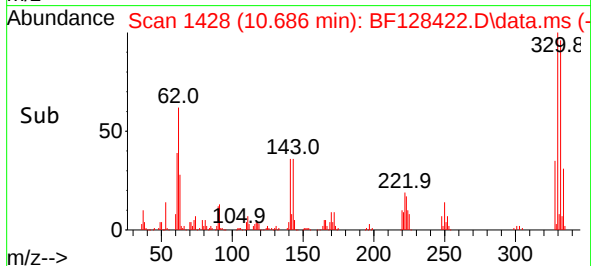
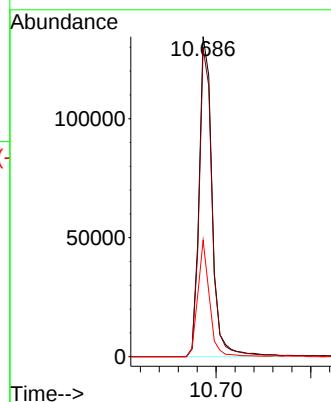
Tgt Ion:330 Resp: 129321

Ion Ratio Lower Upper

330 100

332 96.7 79.0 118.4

141 32.6 28.9 43.3



#45

2-Fluorobiphenyl

Concen: 59.545 ng

RT: 9.210 min Scan# 1177

Delta R.T. -0.012 min

Lab File: BF128422.D

Acq: 24 May 2022 02:04

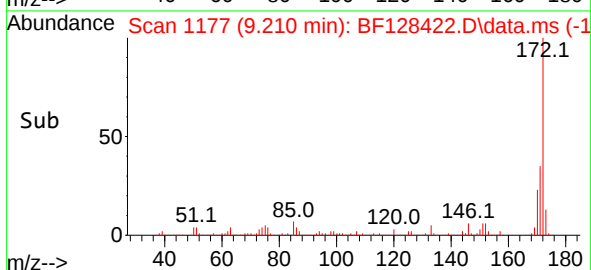
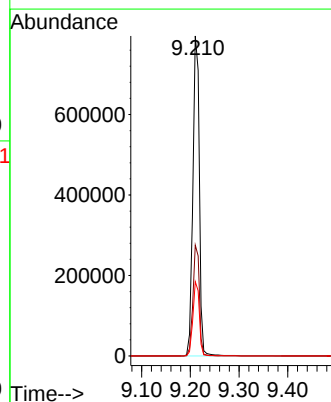
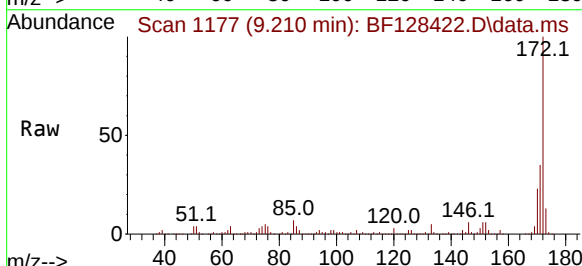
Tgt Ion:172 Resp: 731756

Ion Ratio Lower Upper

172 100

171 34.7 28.6 42.8

170 23.2 19.1 28.7





#51

2,6-Dinitrotoluene

Concen: 9.015 ng

RT: 9.892 min Scan# 1293

Delta R.T. 0.200 min

Lab File: BF128422.D

Acq: 24 May 2022 02:04

Instrument :

BNA_F

ClientSampleId :

P007-SS008-0006-01

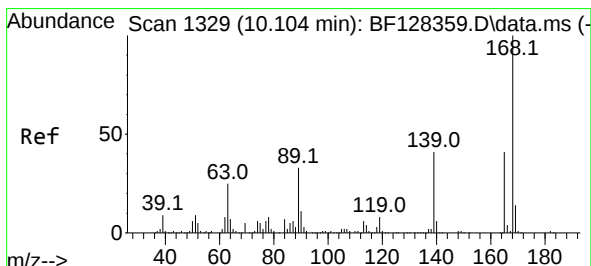
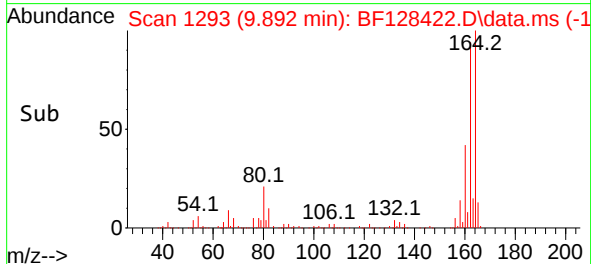
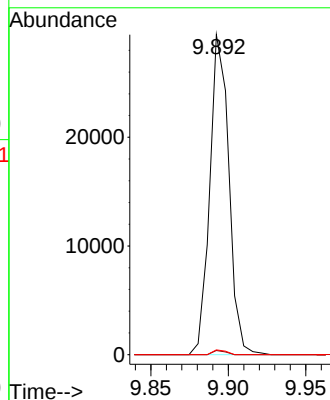
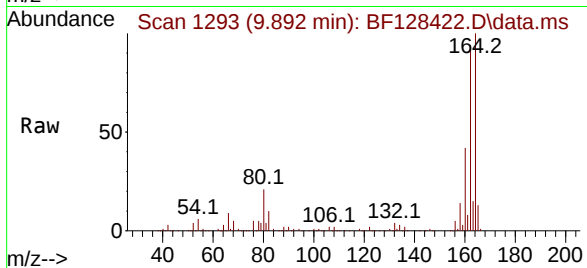
Tgt Ion:165 Resp: 25240

Ion Ratio Lower Upper

165 100

63 1.3 49.5 74.3#

89 1.5 49.0 73.4#



#57

2,4-Dinitrotoluene

Concen: 7.155 ng

RT: 9.892 min Scan# 1293

Delta R.T. -0.212 min

Lab File: BF128422.D

Acq: 24 May 2022 02:04

Tgt Ion:165 Resp: 25240

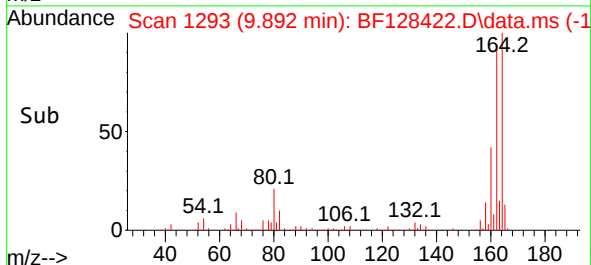
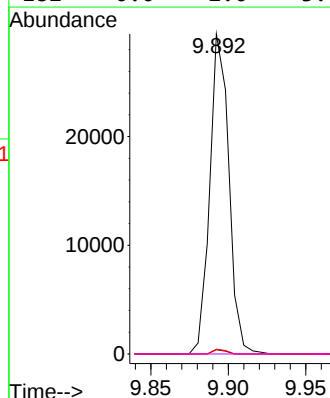
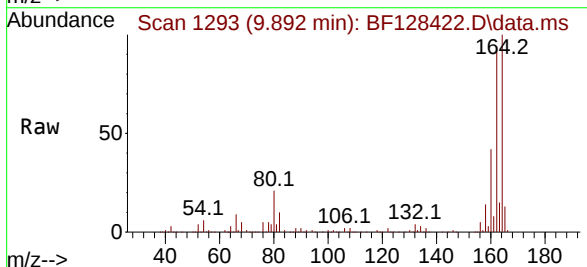
Ion Ratio Lower Upper

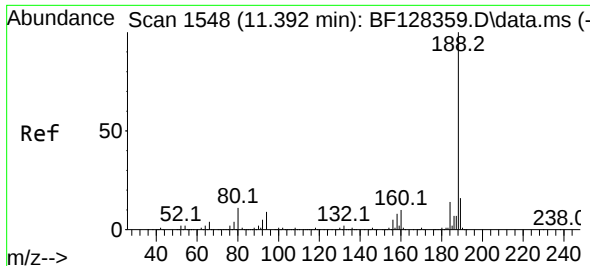
165 100

63 1.3 32.6 49.0#

89 1.5 55.2 82.8#

182 0.0 2.0 3.0#

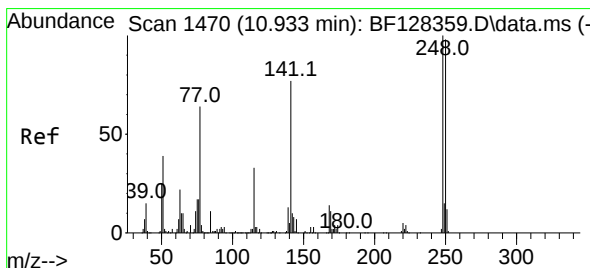
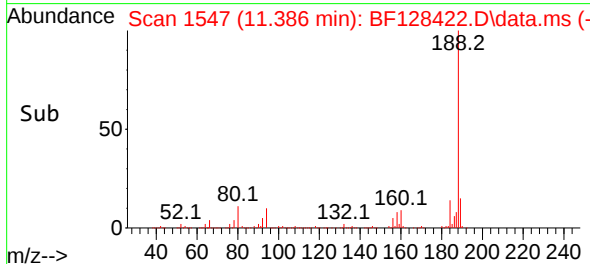
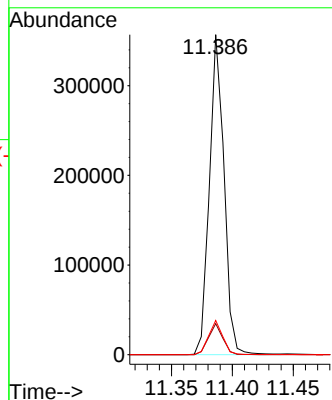
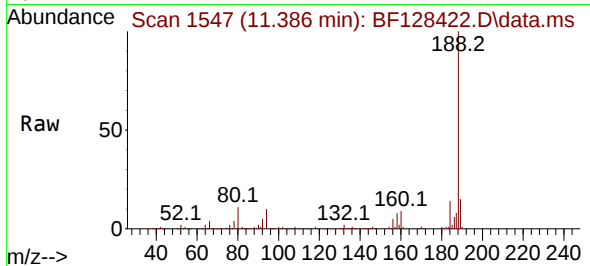




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.386 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF128422.D
Acq: 24 May 2022 02:04

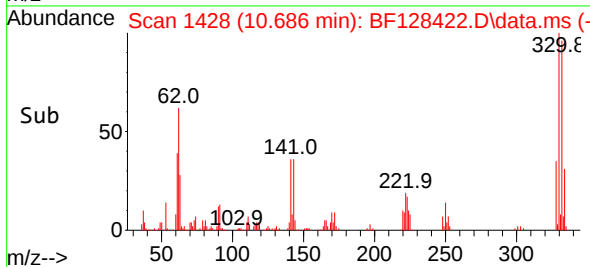
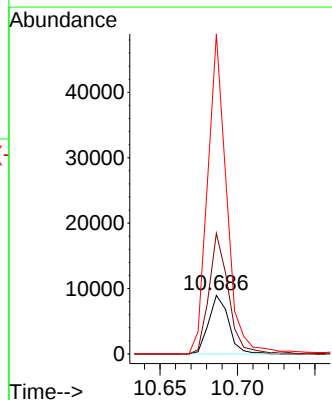
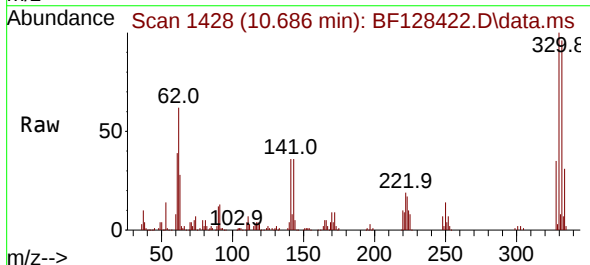
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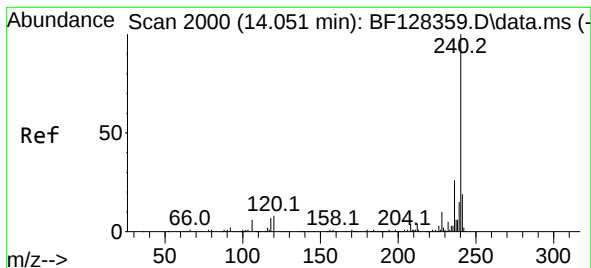
Tgt Ion:188 Resp: 297986
Ion Ratio Lower Upper
188 100
94 9.7 8.0 12.0
80 10.7 8.9 13.3



#67
4-Bromophenyl-phenylether
Concen: 2.582 ng
RT: 10.686 min Scan# 1428
Delta R.T. -0.247 min
Lab File: BF128422.D
Acq: 24 May 2022 02:04

Tgt Ion:248 Resp: 8053
Ion Ratio Lower Upper
248 100
250 205.8 77.7 116.5#
141 546.3 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: BF128422.D

Acq: 24 May 2022 02:04

Instrument :

BNA_F

ClientSampleId :

P007-SS008-0006-01

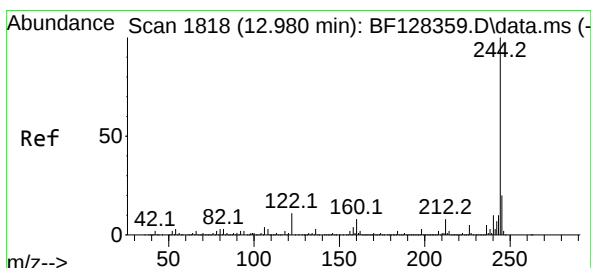
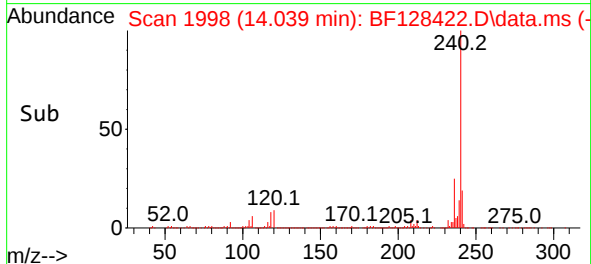
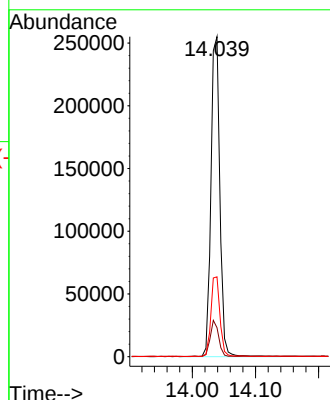
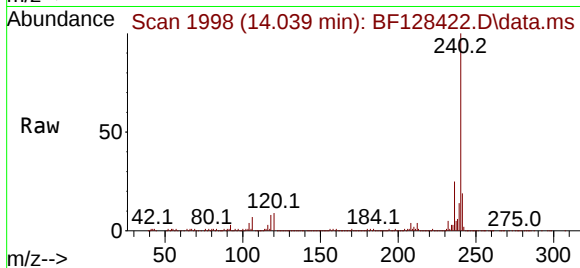
Tgt Ion:240 Resp: 249079

Ion Ratio Lower Upper

240 100

120 9.1 7.0 10.6

236 24.9 20.3 30.5



#79

Terphenyl-d14

Concen: 47.555 ng

RT: 12.969 min Scan# 1816

Delta R.T. -0.012 min

Lab File: BF128422.D

Acq: 24 May 2022 02:04

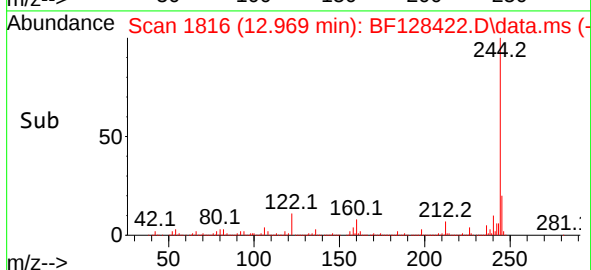
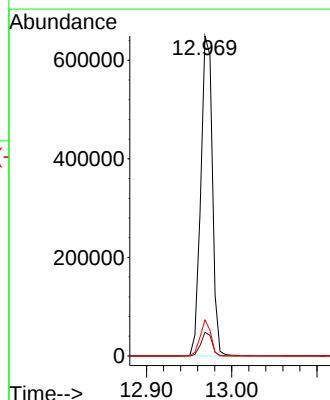
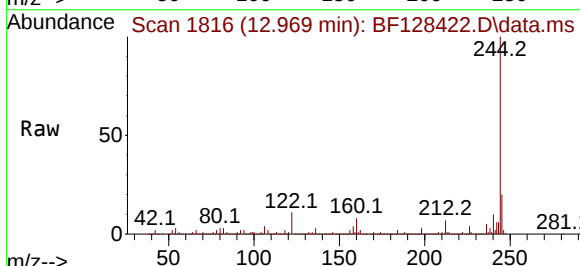
Tgt Ion:244 Resp: 613589

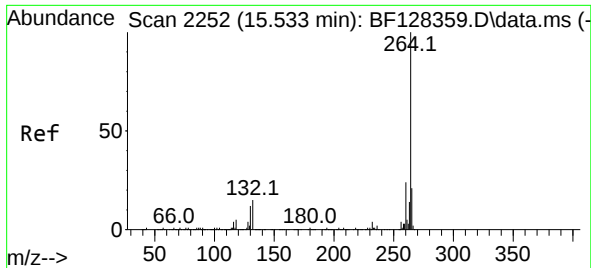
Ion Ratio Lower Upper

244 100

212 7.4 6.2 9.4

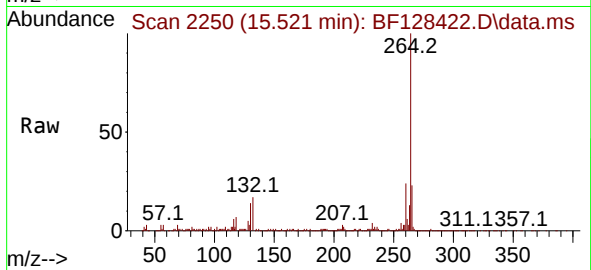
122 11.3 8.6 12.8





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.521 min Scan# 21
Delta R.T. -0.012 min
Lab File: BF128422.D
Acq: 24 May 2022 02:04

Instrument :
BNA_F
ClientSampleId :
P007-SS008-0006-01



Tgt Ion:264 Resp: 199907

Ion	Ratio	Lower	Upper
264	100		
260	24.0	20.1	30.1
265	22.5	17.5	26.3

