

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052322\
 Data File : BF128423.D
 Acq On : 24 May 2022 02:33
 Operator : CG\JU
 Sample : N2893-06
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P004-SS003-0006-01

Quant Time: May 24 03:00:54 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)

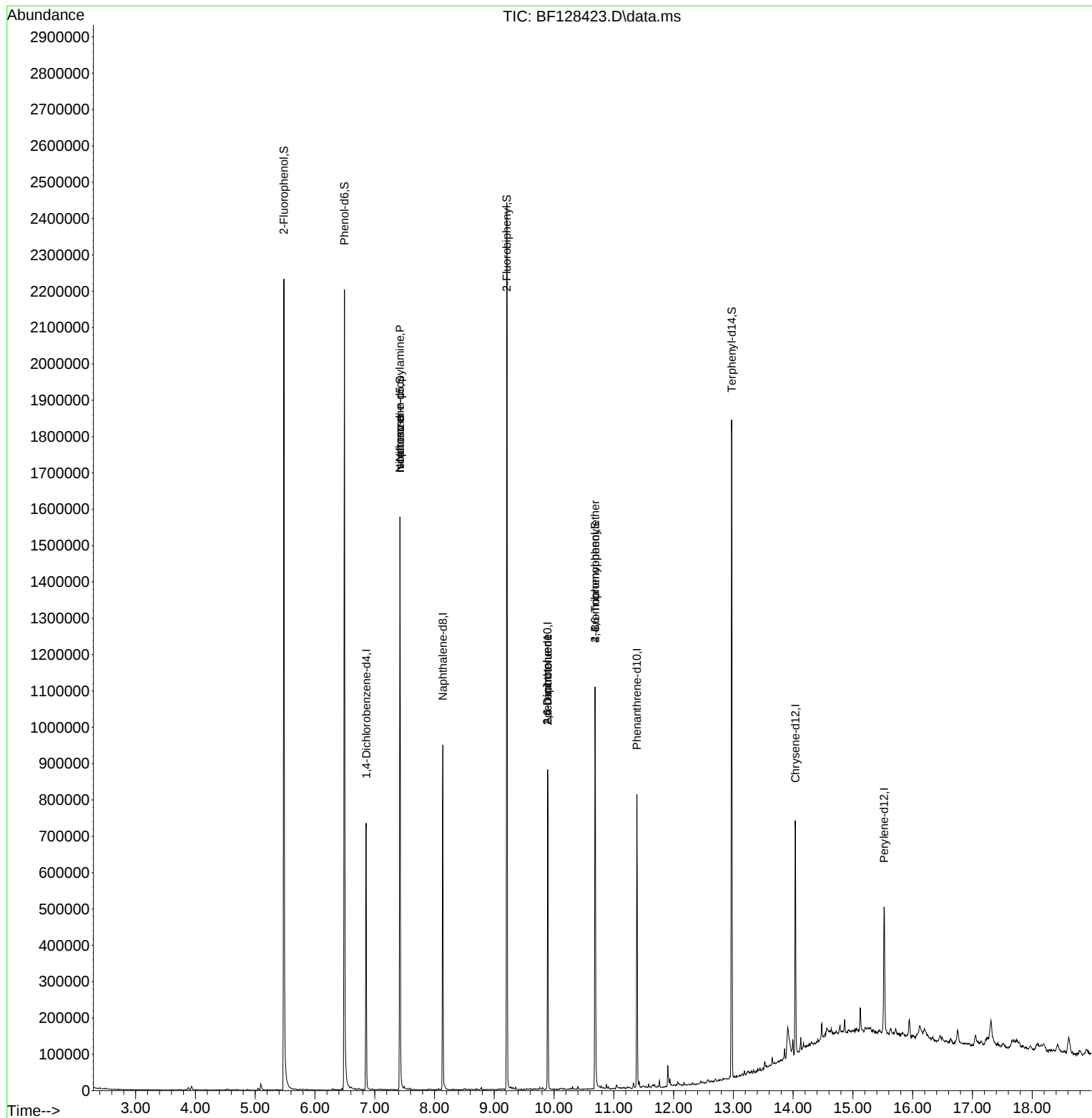
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.857	152	112276	20.000	ng	0.00
21) Naphthalene-d8	8.140	136	395194	20.000	ng	0.00
39) Acenaphthene-d10	9.892	164	181042	20.000	ng	-0.01
64) Phenanthrene-d10	11.386	188	281473	20.000	ng	0.00
76) Chrysene-d12	14.039	240	236530	20.000	ng	-0.01
86) Perylene-d12	15.521	264	173625	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	587226	83.232	ng	0.00
7) Phenol-d6	6.493	99	722560	77.776	ng	0.00
23) Nitrobenzene-d5	7.422	82	496618	56.304	ng	-0.01
42) 2,4,6-Tribromophenol	10.686	330	130622	69.961	ng	-0.01
45) 2-Fluorobiphenyl	9.210	172	714590	64.548	ng	-0.01
79) Terphenyl-d14	12.975	244	667363	54.466	ng	0.00
Target Compounds						
					Qvalue	
9) Benzaldehyde	6.440	77	255	Below Cal	#	3
19) n-Nitroso-di-n-propyla...	7.422	70	65455	11.780	ng	# 80
25) Isophorone	7.422	82	496613	36.740	ng	# 68
51) 2,6-Dinitrotoluene	9.892	165	22676	8.991	ng	# 21
57) 2,4-Dinitrotoluene	9.892	165	22676	7.136	ng	# 26
67) 4-Bromophenyl-phenylether	10.686	248	7945	2.697	ng	# 1

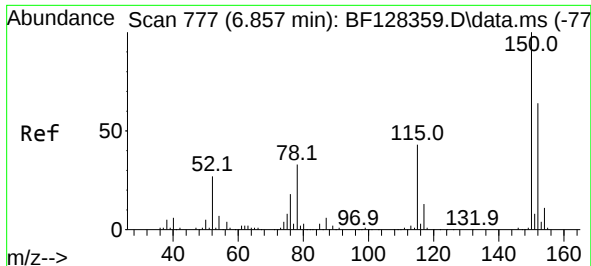
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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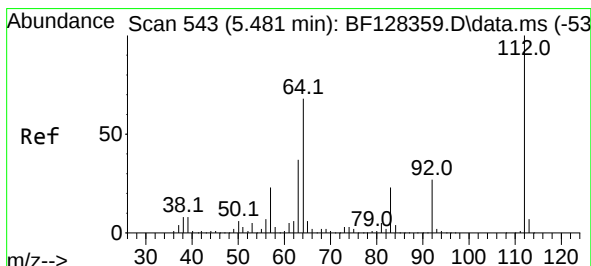
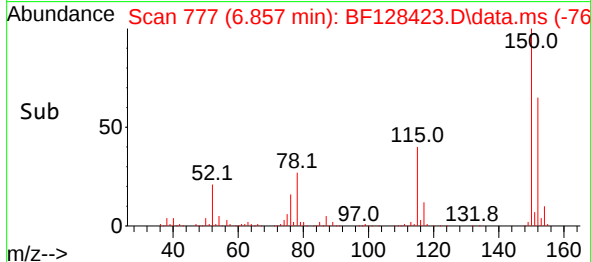
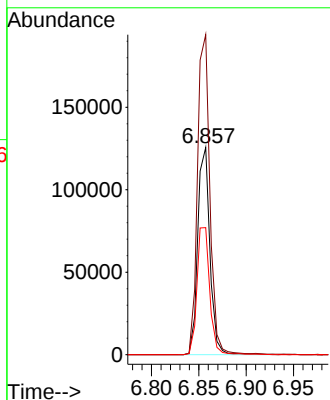
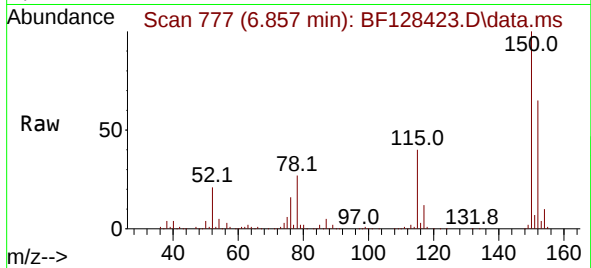




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.857 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF128423.D
Acq: 24 May 2022 02:33

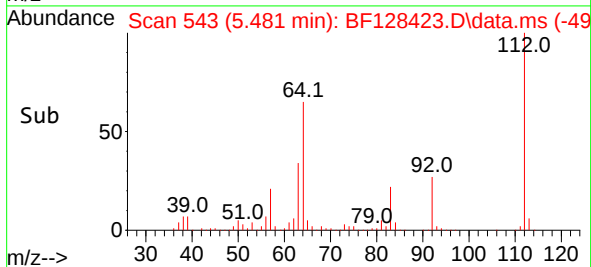
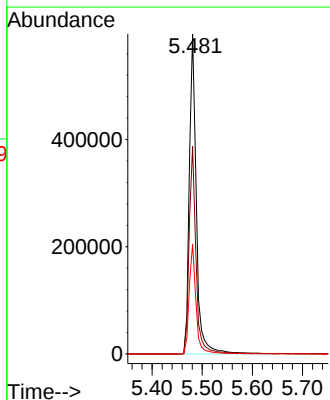
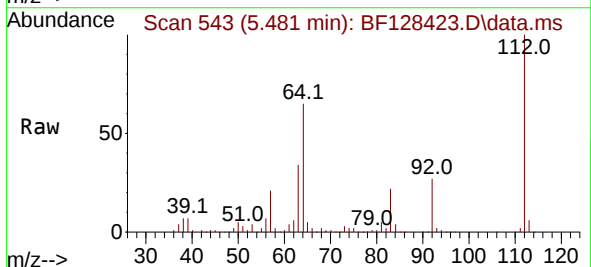
Instrument :
BNA_F
ClientSampleId :
P004-SS003-0006-01

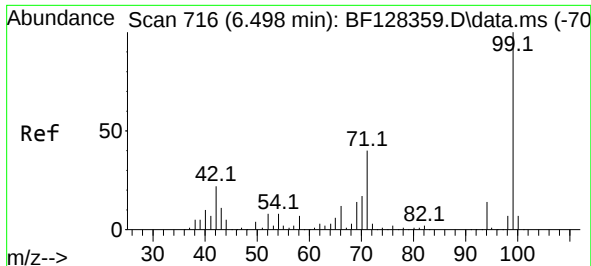
Tgt Ion:152 Resp: 112276
Ion Ratio Lower Upper
152 100
150 154.5 125.3 187.9
115 61.4 48.8 73.2



#5
2-Fluorophenol
Concen: 83.232 ng
RT: 5.481 min Scan# 543
Delta R.T. 0.000 min
Lab File: BF128423.D
Acq: 24 May 2022 02:33

Tgt Ion:112 Resp: 587226
Ion Ratio Lower Upper
112 100
64 64.9 49.5 74.3
63 34.4 26.3 39.5

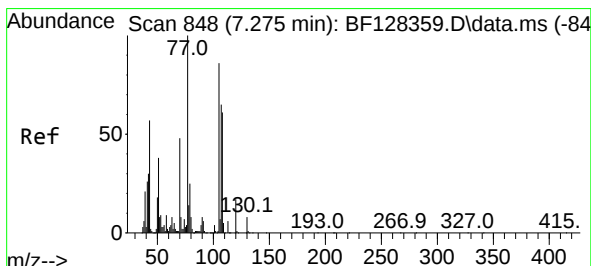
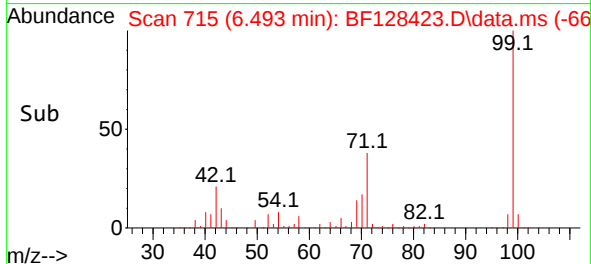
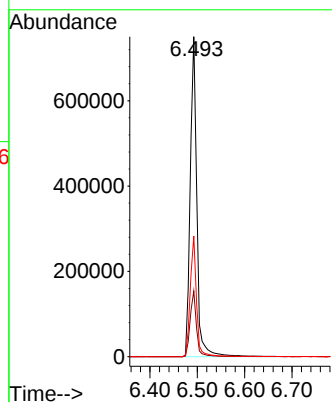
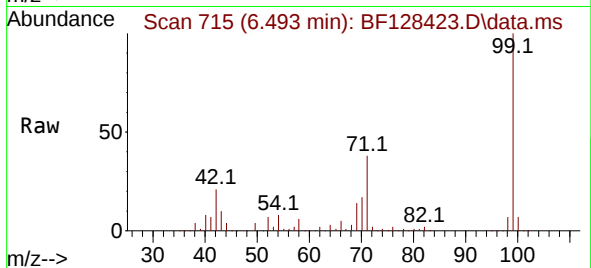




#7
Phenol-d6
Concen: 77.776 ng
RT: 6.493 min Scan# 716
Delta R.T. -0.006 min
Lab File: BF128423.D
Acq: 24 May 2022 02:33

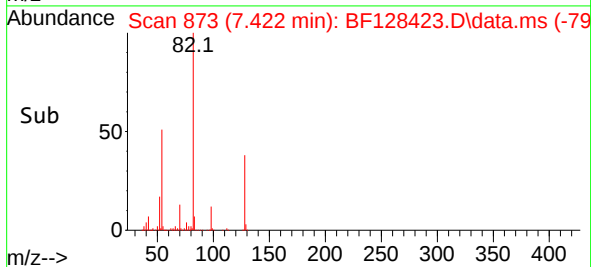
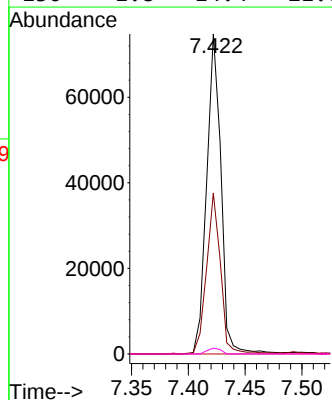
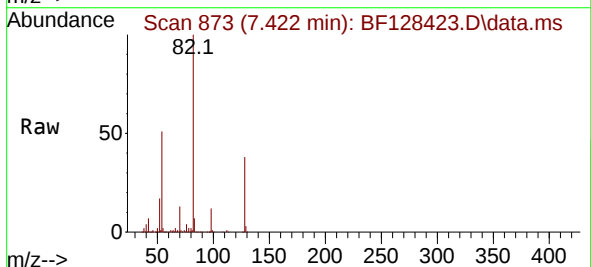
Instrument :
BNA_F
ClientSampleId :
P004-SS003-0006-01

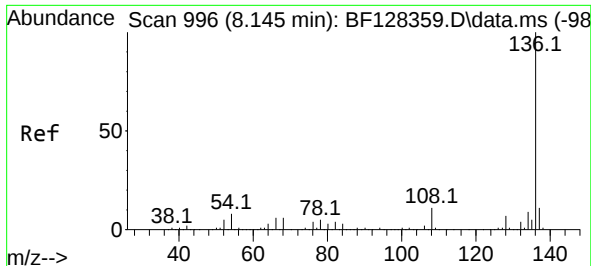
Tgt Ion: 99 Resp: 722560
Ion Ratio Lower Upper
99 100
42 20.6 16.6 24.8
71 37.7 30.0 45.0



#19
n-Nitroso-di-n-propylamine
Concen: 11.780 ng
RT: 7.422 min Scan# 873
Delta R.T. 0.147 min
Lab File: BF128423.D
Acq: 24 May 2022 02:33

Tgt Ion: 70 Resp: 65455
Ion Ratio Lower Upper
70 100
42 50.3 48.7 73.1
101 0.0 7.2 10.8#
130 1.8 14.4 21.6#

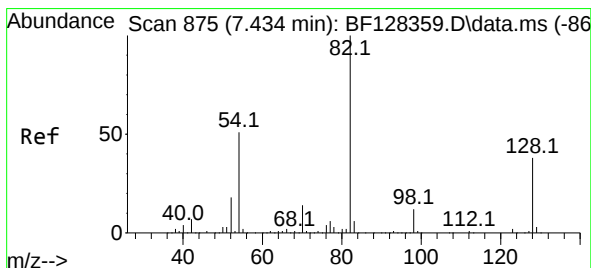
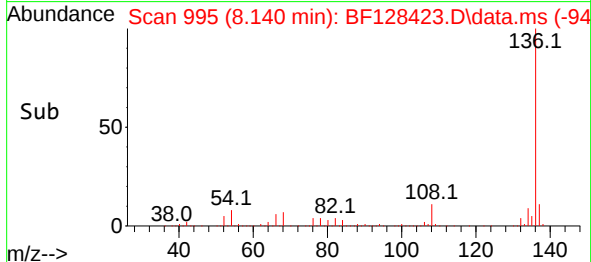
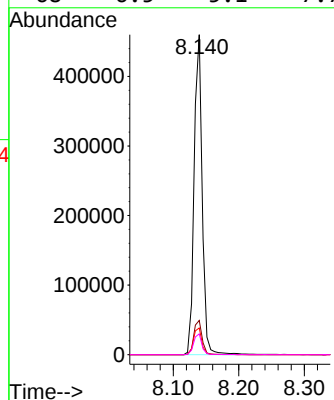
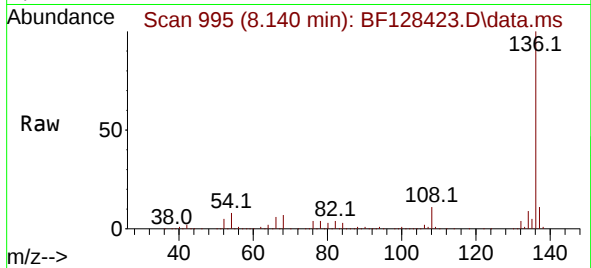




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.140 min Scan# 996
Delta R.T. -0.005 min
Lab File: BF128423.D
Acq: 24 May 2022 02:33

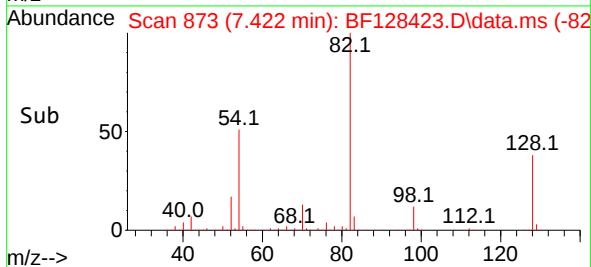
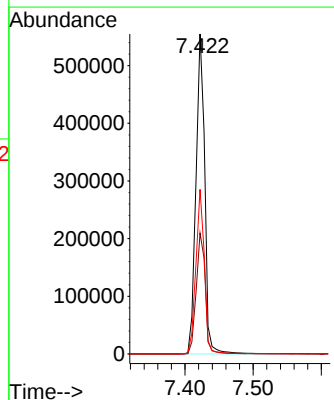
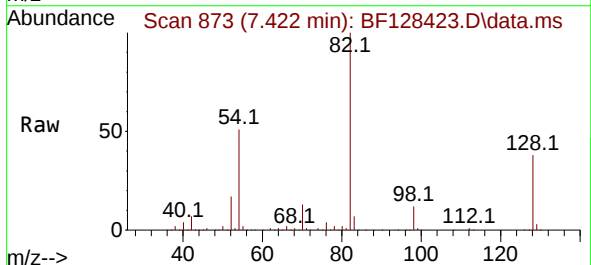
Instrument :
BNA_F
ClientSampleId :
P004-SS003-0006-01

Tgt Ion:	136	Resp:	395194
Ion Ratio	Lower	Upper	
136	100		
137	10.7	8.6	13.0
54	8.3	6.8	10.2
68	6.5	5.1	7.7



#23
Nitrobenzene-d5
Concen: 56.304 ng
RT: 7.422 min Scan# 873
Delta R.T. -0.012 min
Lab File: BF128423.D
Acq: 24 May 2022 02:33

Tgt Ion:	82	Resp:	496618
Ion Ratio	Lower	Upper	
82	100		
128	37.8	30.0	45.0
54	51.5	41.3	61.9

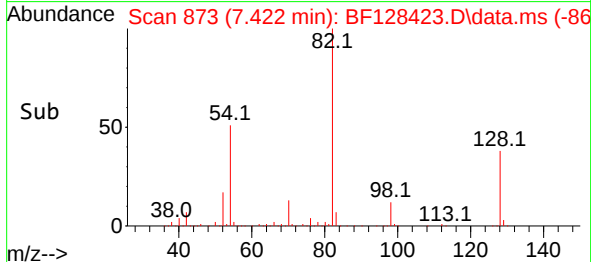
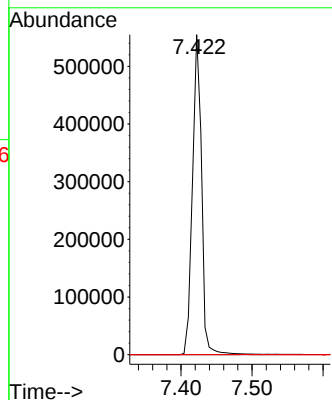
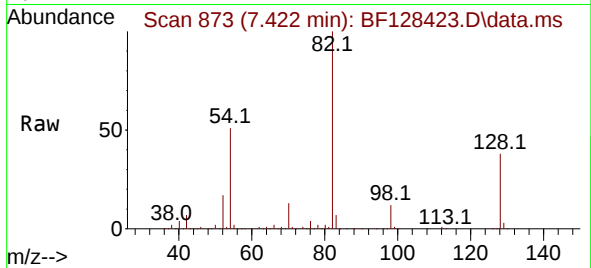




#25
Isophorone
Concen: 36.740 ng
RT: 7.422 min Scan# 81
Delta R.T. -0.265 min
Lab File: BF128423.D
Acq: 24 May 2022 02:33

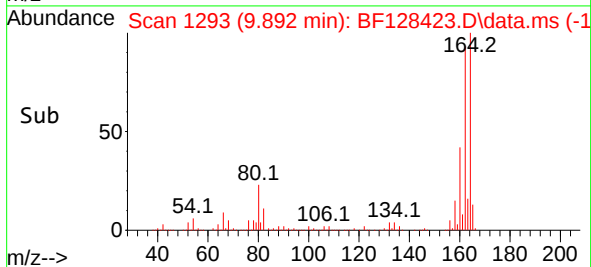
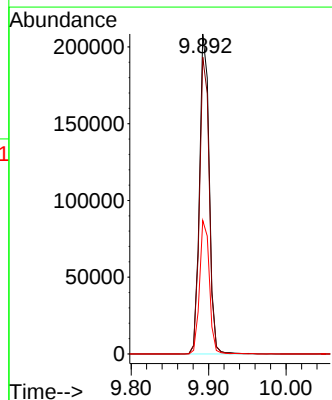
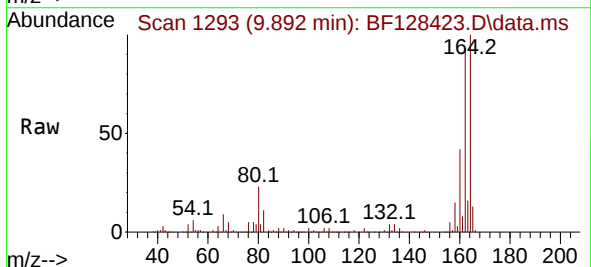
Instrument :
BNA_F
ClientSampleId :
P004-SS003-0006-01

Tgt Ion: 82 Resp: 496613
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: BF128423.D
Acq: 24 May 2022 02:33

Tgt Ion: 164 Resp: 181042
Ion Ratio Lower Upper
164 100
162 92.8 76.0 114.0
160 41.7 34.8 52.2





#42

2,4,6-Tribromophenol

Concen: 69.961 ng

RT: 10.686 min Scan# 1430

Delta R.T. -0.012 min

Lab File: BF128423.D

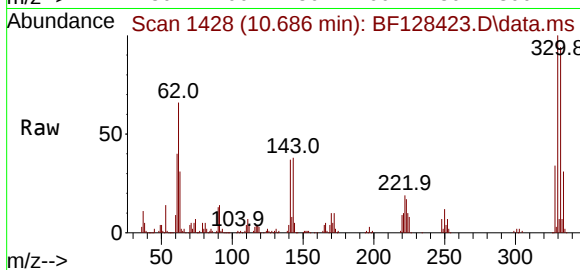
Acq: 24 May 2022 02:33

Instrument :

BNA_F

ClientSampleId :

P004-SS003-0006-01



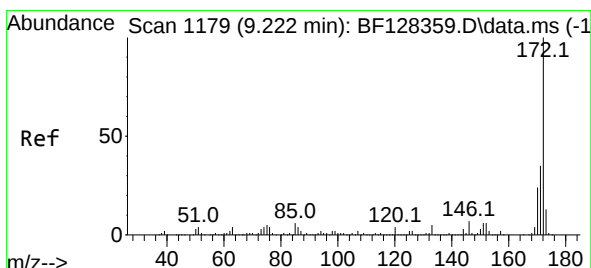
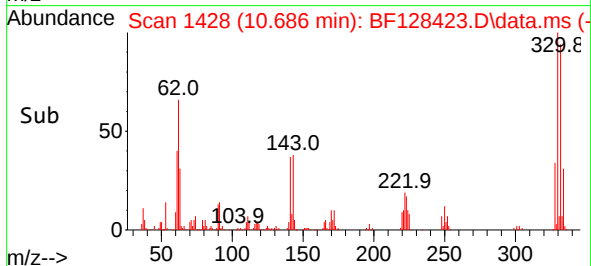
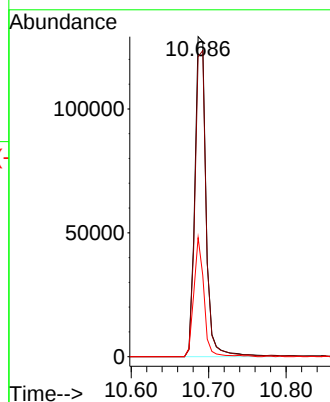
Tgt Ion:330 Resp: 130622

Ion Ratio Lower Upper

330 100

332 95.3 79.0 118.4

141 33.3 28.9 43.3



#45

2-Fluorobiphenyl

Concen: 64.548 ng

RT: 9.210 min Scan# 1177

Delta R.T. -0.012 min

Lab File: BF128423.D

Acq: 24 May 2022 02:33

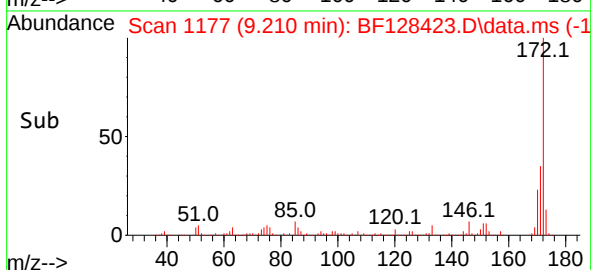
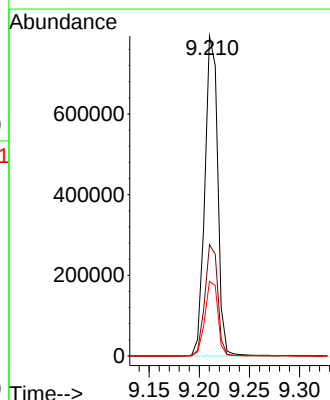
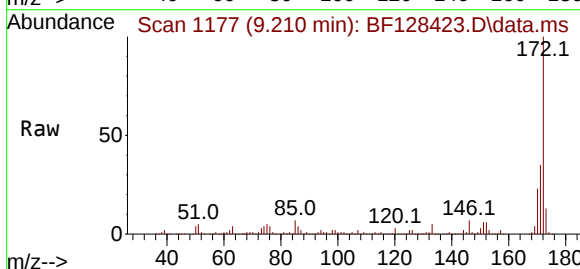
Tgt Ion:172 Resp: 714590

Ion Ratio Lower Upper

172 100

171 34.8 28.6 42.8

170 23.3 19.1 28.7

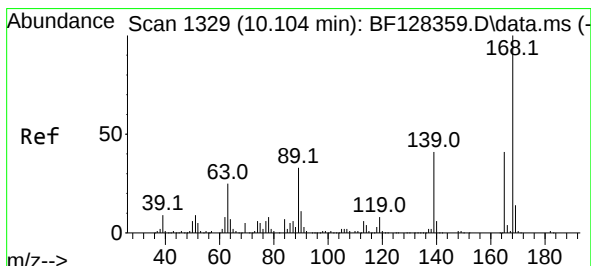
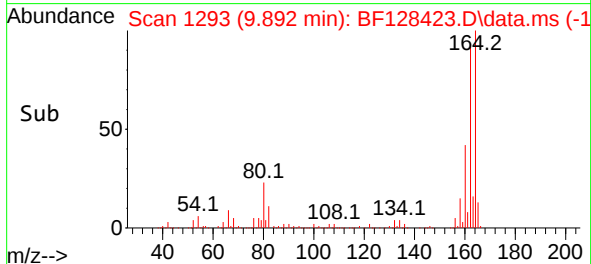
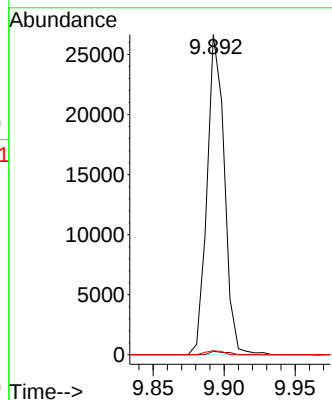
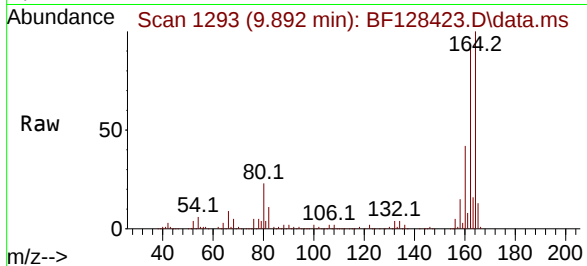




#51
2,6-Dinitrotoluene
Concen: 8.991 ng
RT: 9.892 min Scan# 1293
Delta R.T. 0.200 min
Lab File: BF128423.D
Acq: 24 May 2022 02:33

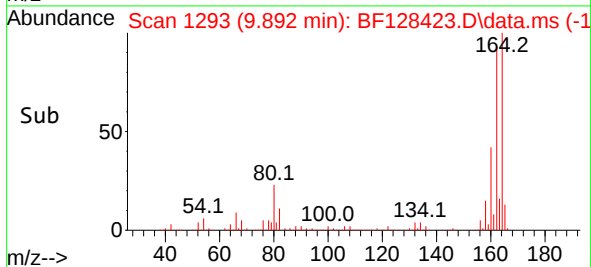
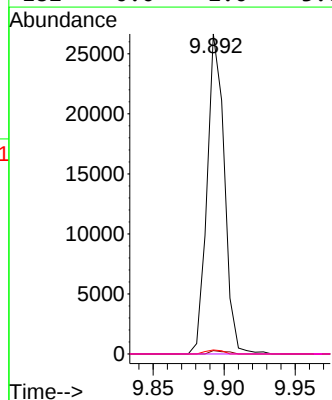
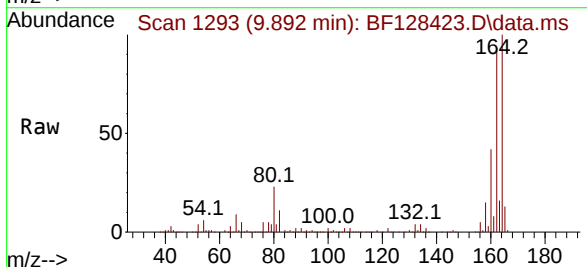
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ClientSampleId :
P004-SS003-0006-01

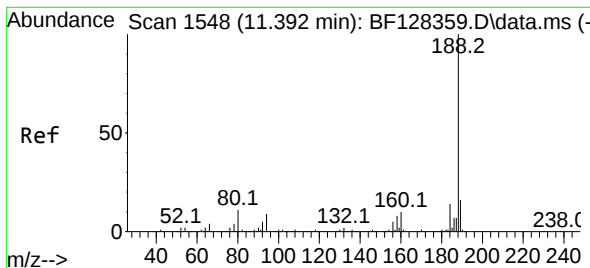
Tgt Ion:165 Resp: 22676
Ion Ratio Lower Upper
165 100
63 1.0 49.5 74.3#
89 1.2 49.0 73.4#



#57
2,4-Dinitrotoluene
Concen: 7.136 ng
RT: 9.892 min Scan# 1293
Delta R.T. -0.212 min
Lab File: BF128423.D
Acq: 24 May 2022 02:33

Tgt Ion:165 Resp: 22676
Ion Ratio Lower Upper
165 100
63 1.0 32.6 49.0#
89 1.2 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: BF128423.D

Acq: 24 May 2022 02:33

Instrument :

BNA_F

ClientSampleId :

P004-SS003-0006-01

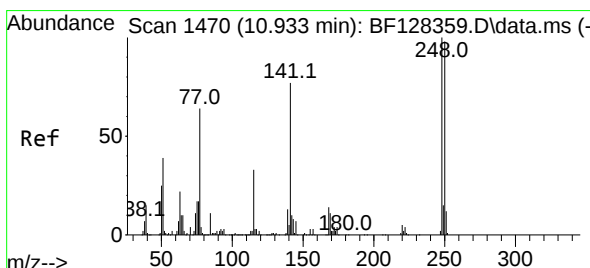
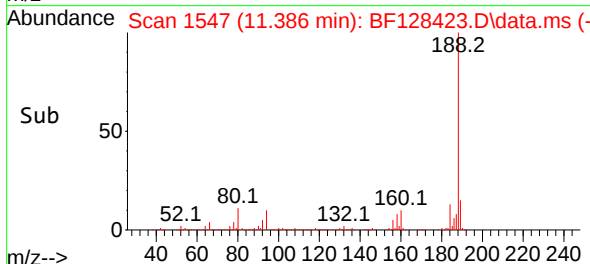
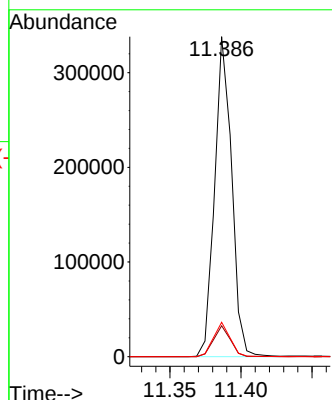
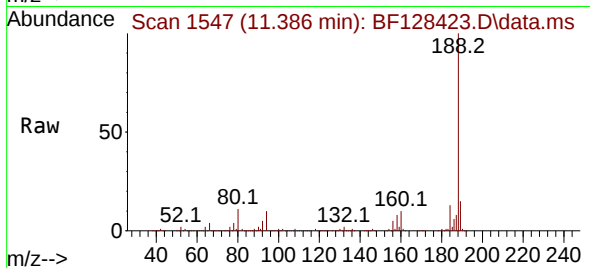
Tgt Ion:188 Resp: 281473

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: 2.697 ng

RT: 10.686 min Scan# 1428

Delta R.T. -0.247 min

Lab File: BF128423.D

Acq: 24 May 2022 02:33

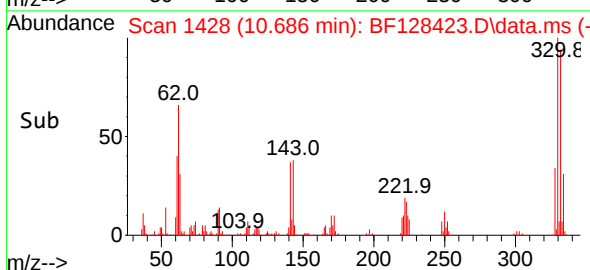
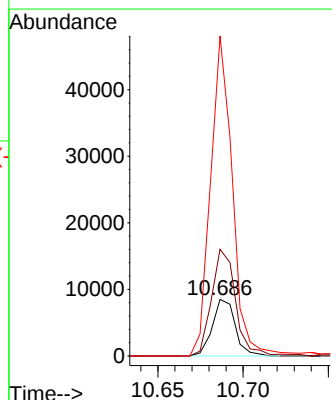
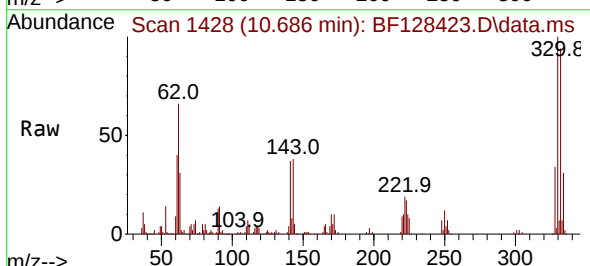
Tgt Ion:248 Resp: 7945

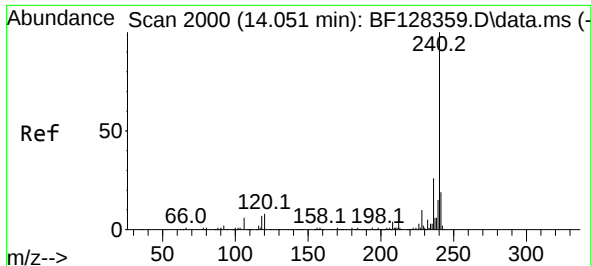
Ion Ratio Lower Upper

248 100

250 188.6 77.7 116.5#

141 565.3 65.6 98.4#

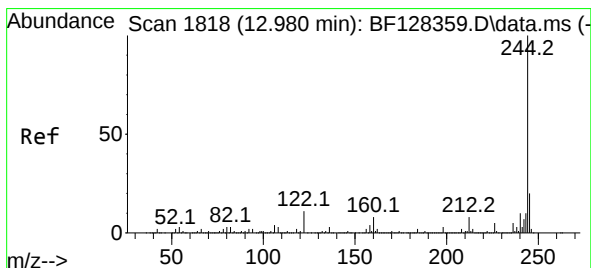
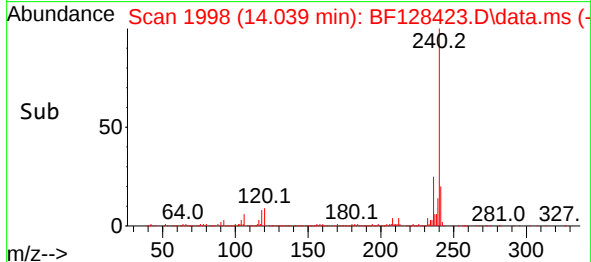
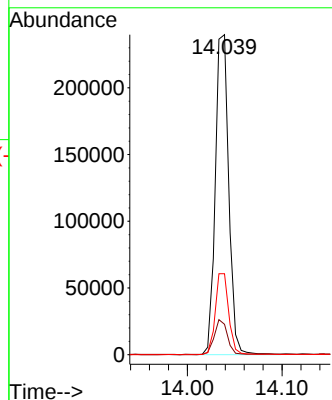
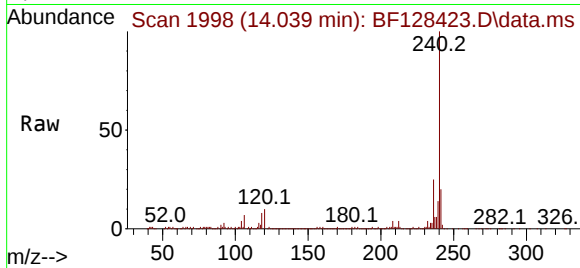




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.039 min Scan# 1998
Delta R.T. -0.012 min
Lab File: BF128423.D
Acq: 24 May 2022 02:33

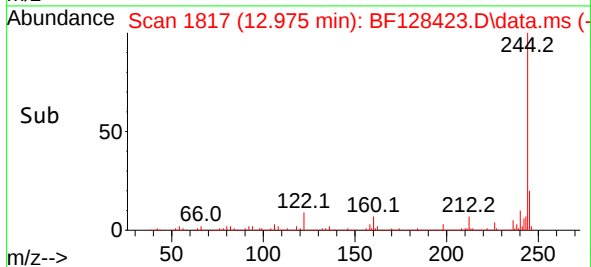
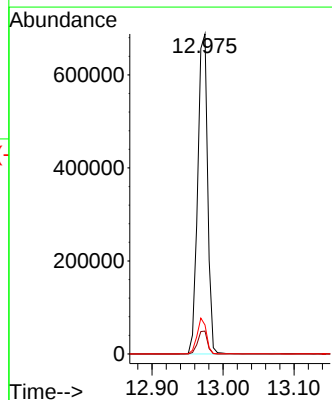
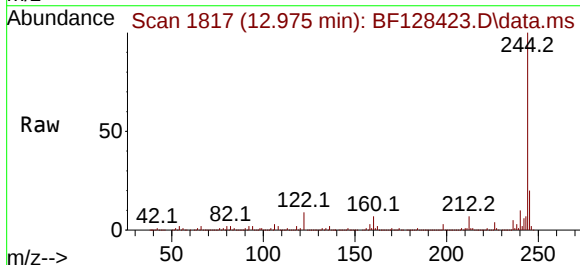
Instrument :
BNA_F
ClientSampleId :
P004-SS003-0006-01

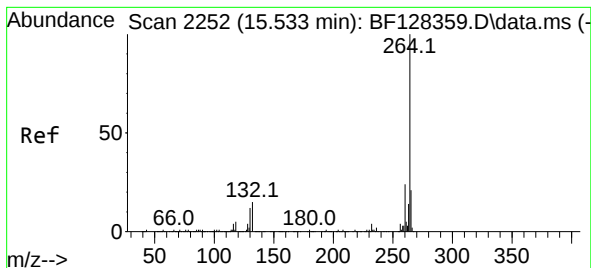
Tgt Ion:240 Resp: 236530
Ion Ratio Lower Upper
240 100
120 9.5 7.0 10.6
236 25.3 20.3 30.5



#79
Terphenyl-d14
Concen: 54.466 ng
RT: 12.975 min Scan# 1817
Delta R.T. -0.006 min
Lab File: BF128423.D
Acq: 24 May 2022 02:33

Tgt Ion:244 Resp: 667363
Ion Ratio Lower Upper
244 100
212 7.1 6.2 9.4
122 9.0 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: BF128423.D

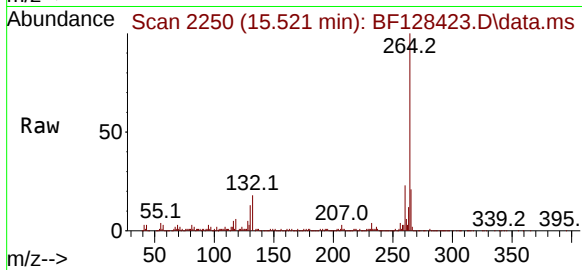
Acq: 24 May 2022 02:33

Instrument :

BNA_F

ClientSampleId :

P004-SS003-0006-01



Tgt Ion:264 Resp: 173625

Ion Ratio Lower Upper

264 100

260 22.8 20.1 30.1

265 20.8 17.5 26.3

