

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052422\
 Data File : BF128440.D
 Acq On : 24 May 2022 17:45
 Operator : CG\JU
 Sample : N2873-05
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P031-SS001-0006-01

Quant Time: May 25 03:55:45 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 03:52:53 2022
 Response via : Initial Calibration

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

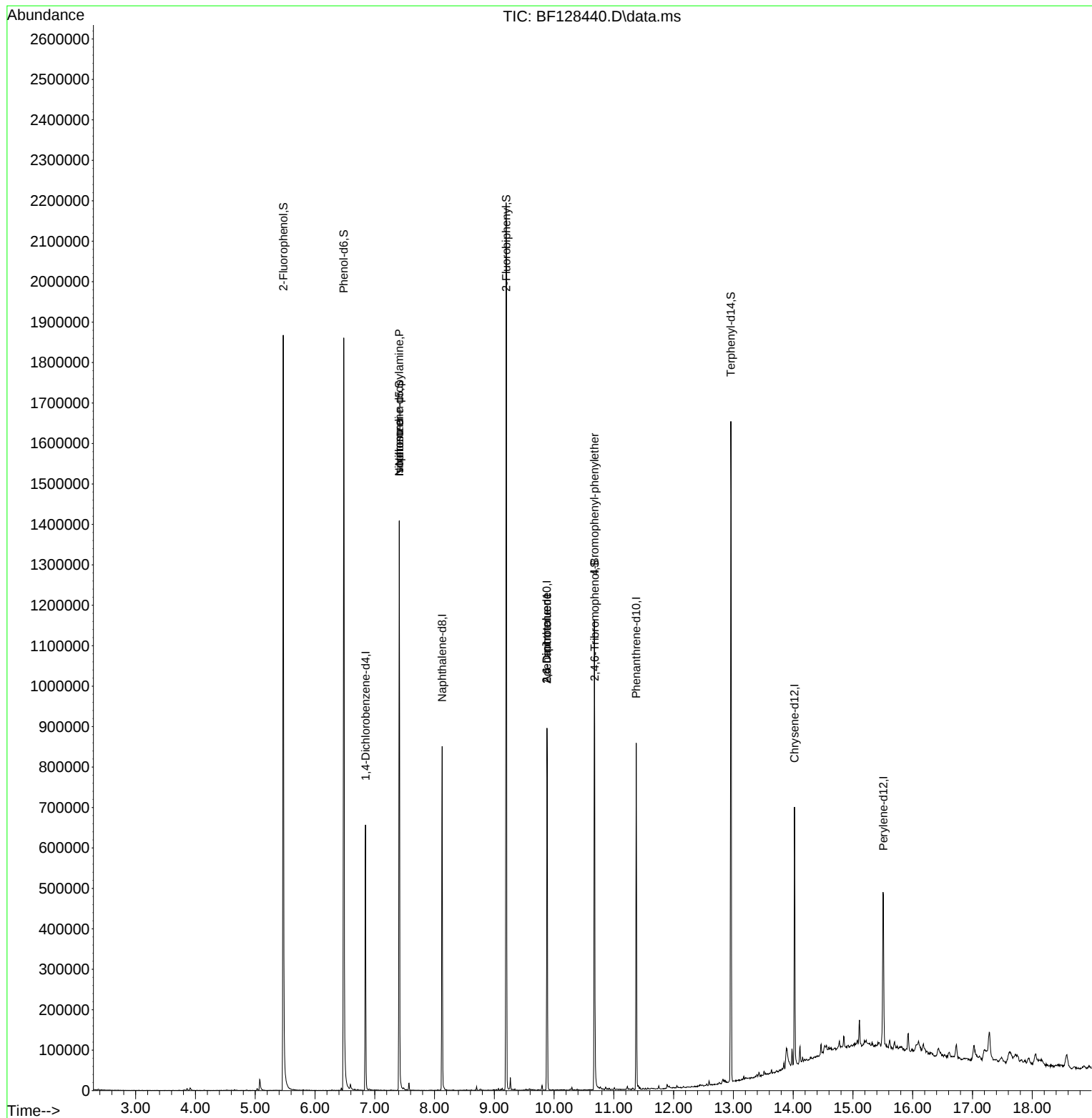
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.845	152	92854	20.000	ng	0.00
21) Naphthalene-d8	8.128	136	349328	20.000	ng	0.00
39) Acenaphthene-d10	9.880	164	184227	20.000	ng	0.00
64) Phenanthrene-d10	11.374	188	287223	20.000	ng	0.00
76) Chrysene-d12	14.021	240	212013	20.000	ng	#-0.01
86) Perylene-d12	15.509	264	186012	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	491728	84.274	ng	0.00
7) Phenol-d6	6.481	99	635096	82.660	ng	-0.01
23) Nitrobenzene-d5	7.410	82	441558	56.635	ng	-0.01
42) 2,4,6-Tribromophenol	10.680	330	136527	71.859	ng	0.00
45) 2-Fluorobiphenyl	9.198	172	672654	59.710	ng	0.00
79) Terphenyl-d14	12.957	244	574192	52.281	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.481	77	1013	Below Cal	#	3
19) n-Nitroso-di-n-propyla...	7.410	70	57959	12.613	ng	# 78
25) Isophorone	7.410	82	441554	36.956	ng	# 68
51) 2,6-Dinitrotoluene	9.880	165	23694	9.232	ng	# 21
57) 2,4-Dinitrotoluene	9.880	165	23694	7.327	ng	# 26
67) 4-Bromophenyl-phenylether	10.675	248	8035	2.673	ng	# 1

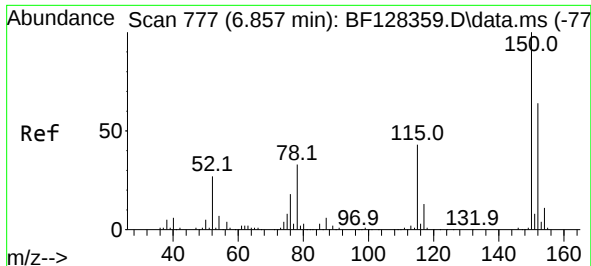
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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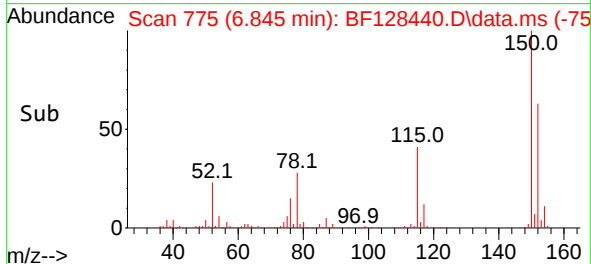
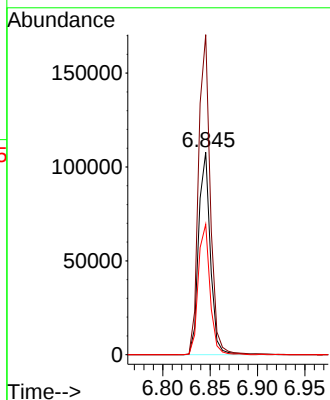
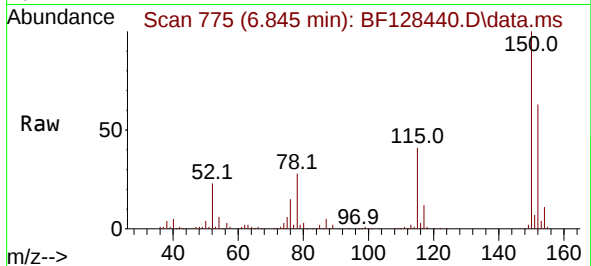




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.845 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF128440.D
Acq: 24 May 2022 17:45

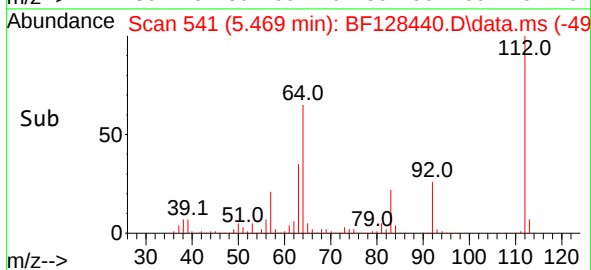
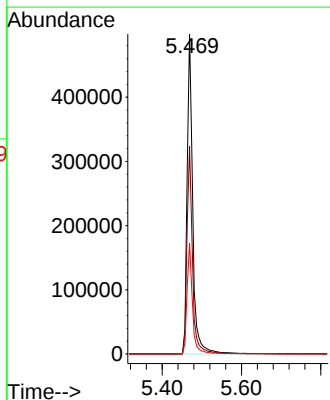
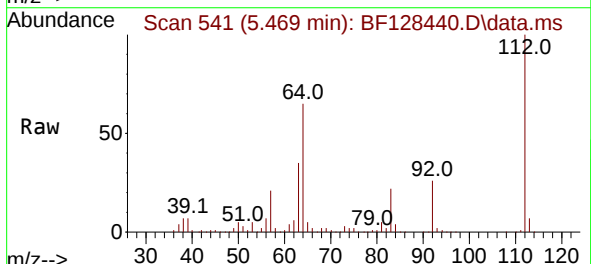
Instrument :
BNA_F
ClientSampleId :
P031-SS001-0006-01

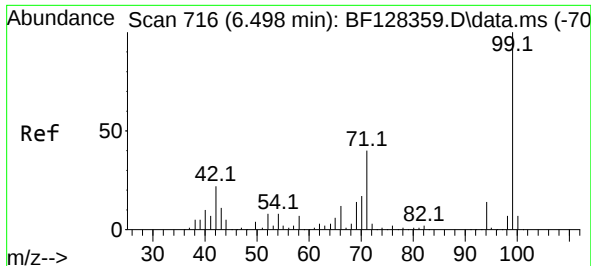
Tgt Ion:152 Resp: 92854
Ion Ratio Lower Upper
152 100
150 158.0 125.3 187.9
115 64.4 48.8 73.2



#5
2-Fluorophenol
Concen: 84.274 ng
RT: 5.469 min Scan# 541
Delta R.T. -0.000 min
Lab File: BF128440.D
Acq: 24 May 2022 17:45

Tgt Ion:112 Resp: 491728
Ion Ratio Lower Upper
112 100
64 65.0 49.5 74.3
63 34.7 26.3 39.5

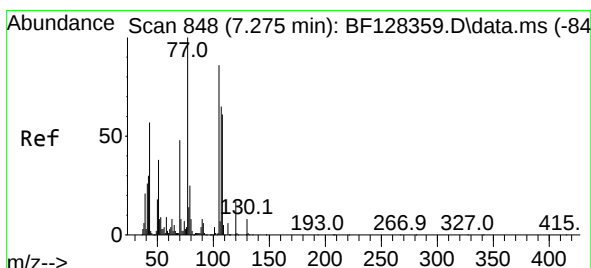
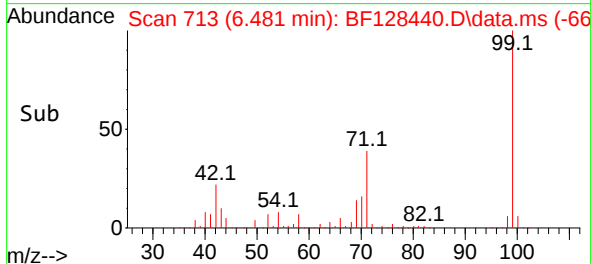
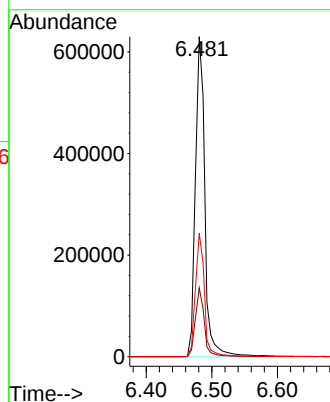
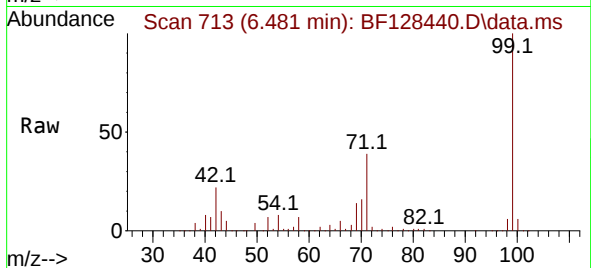




#7
Phenol-d6
Concen: 82.660 ng
RT: 6.481 min Scan# 716
Delta R.T. -0.012 min
Lab File: BF128440.D
Acq: 24 May 2022 17:45

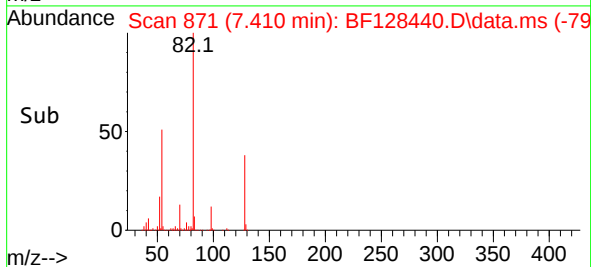
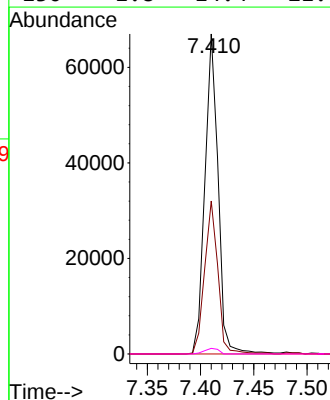
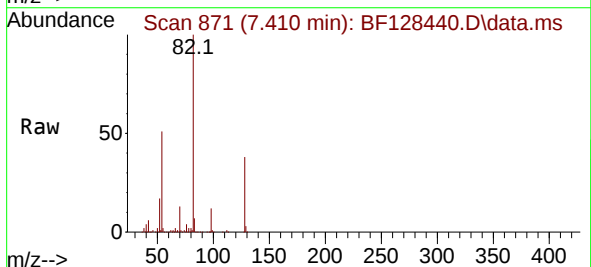
Instrument :
BNA_F
ClientSampleId :
P031-SS001-0006-01

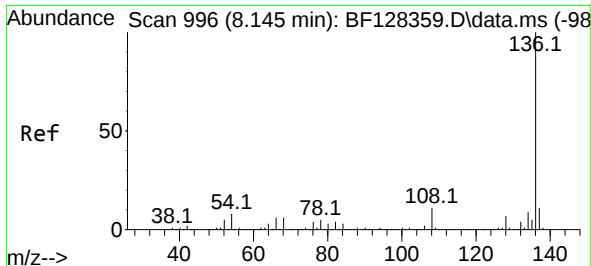
Tgt Ion: 99 Resp: 635096
Ion Ratio Lower Upper
99 100
42 21.5 16.6 24.8
71 38.5 30.0 45.0



#19
n-Nitroso-di-n-propylamine
Concen: 12.613 ng
RT: 7.410 min Scan# 871
Delta R.T. 0.147 min
Lab File: BF128440.D
Acq: 24 May 2022 17:45

Tgt Ion: 70 Resp: 57959
Ion Ratio Lower Upper
70 100
42 47.8 48.7 73.1#
101 0.0 7.2 10.8#
130 1.8 14.4 21.6#

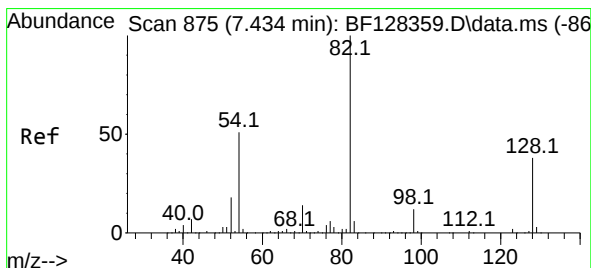
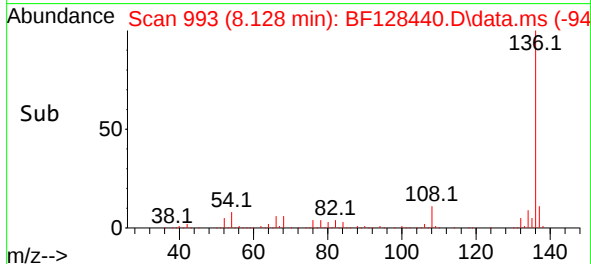
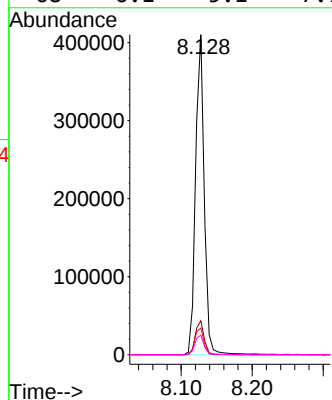
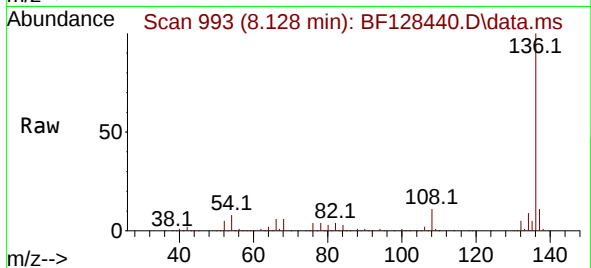




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.128 min Scan# 91
Delta R.T. -0.000 min
Lab File: BF128440.D
Acq: 24 May 2022 17:45

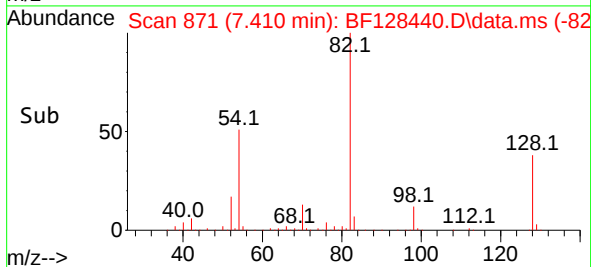
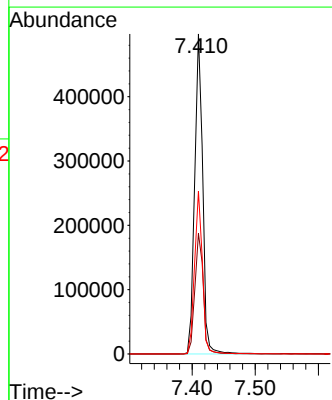
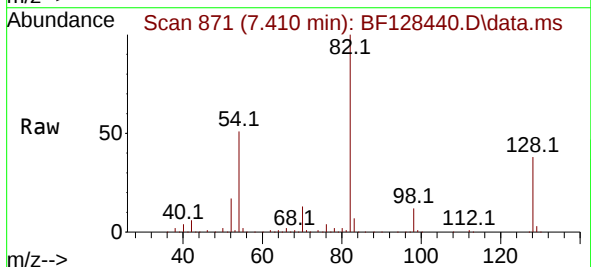
Instrument :
BNA_F
ClientSampleId :
P031-SS001-0006-01

Tgt Ion:	136	Resp:	349328
Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.6	13.0
54	8.4	6.8	10.2
68	6.1	5.1	7.7



#23
Nitrobenzene-d5
Concen: 56.635 ng
RT: 7.410 min Scan# 871
Delta R.T. -0.012 min
Lab File: BF128440.D
Acq: 24 May 2022 17:45

Tgt Ion:	82	Resp:	441558
Ion	Ratio	Lower	Upper
82	100		
128	37.6	30.0	45.0
54	50.9	41.3	61.9

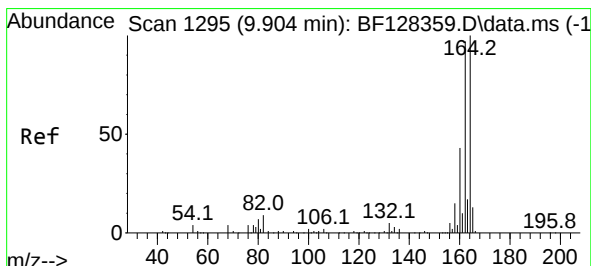
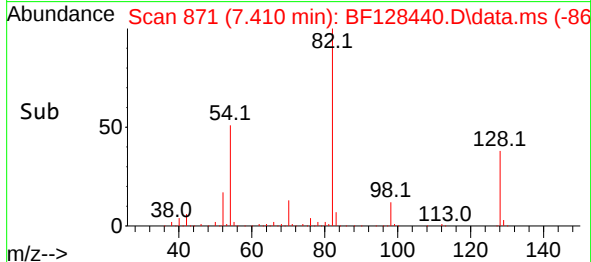
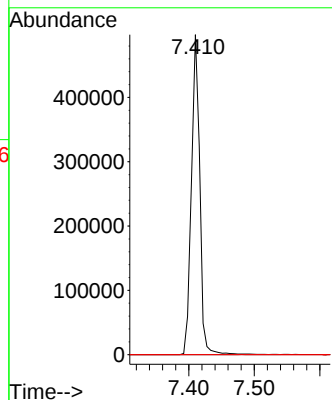
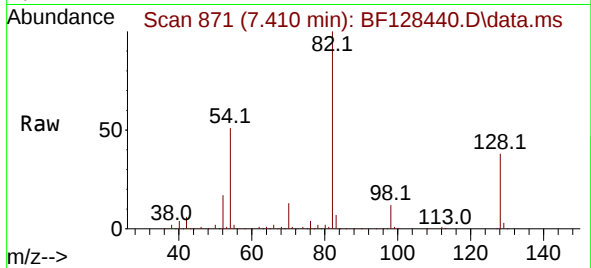




#25
Isophorone
Concen: 36.956 ng
RT: 7.410 min Scan# 81
Delta R.T. -0.265 min
Lab File: BF128440.D
Acq: 24 May 2022 17:45

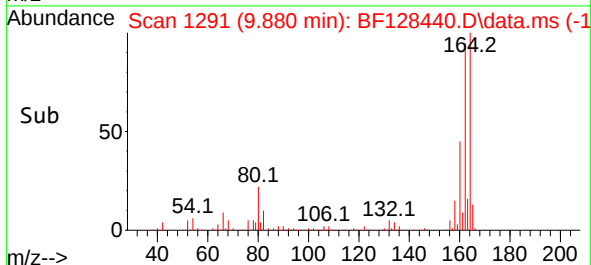
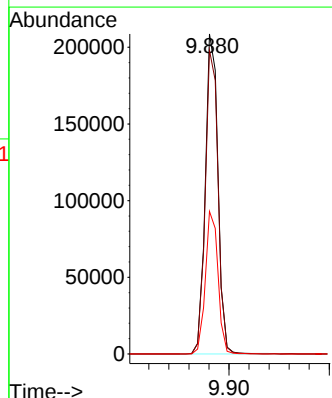
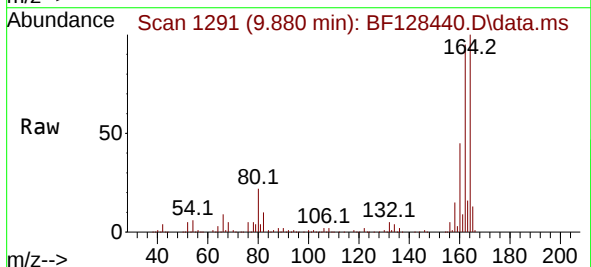
Instrument :
BNA_F
ClientSampleId :
P031-SS001-0006-01

Tgt Ion: 82 Resp: 441554
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: 9.880 min Scan# 1291
Delta R.T. -0.006 min
Lab File: BF128440.D
Acq: 24 May 2022 17:45

Tgt Ion: 164 Resp: 184227
Ion Ratio Lower Upper
164 100
162 94.9 76.0 114.0
160 44.5 34.8 52.2





#42

2,4,6-Tribromophenol

Concen: 71.859 ng

RT: 10.680 min Scan# 1430

Delta R.T. -0.006 min

Lab File: BF128440.D

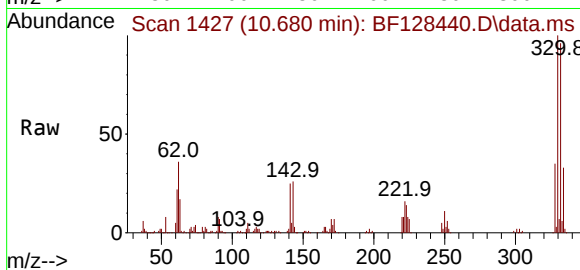
Acq: 24 May 2022 17:45

Instrument :

BNA_F

ClientSampleId :

P031-SS001-0006-01



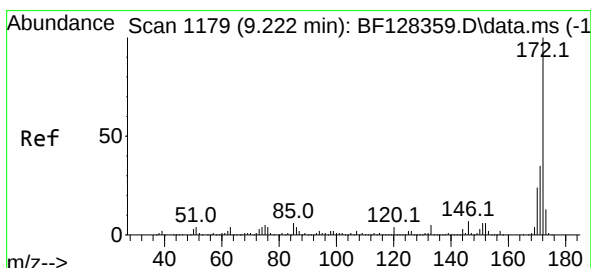
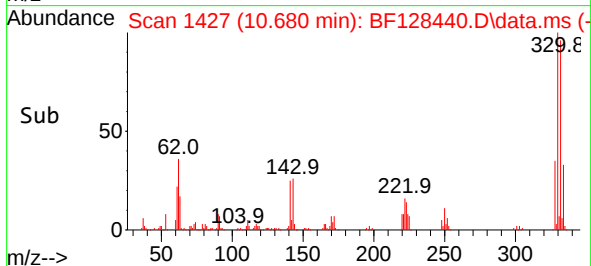
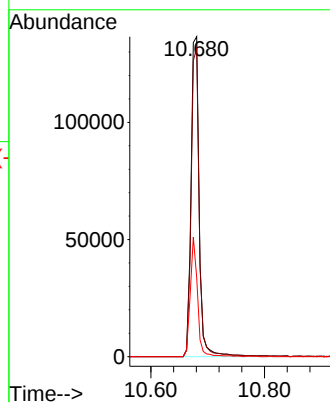
Tgt Ion:330 Resp: 136527

Ion Ratio Lower Upper

330 100

332 94.7 79.0 118.4

141 33.1 28.9 43.3



#45

2-Fluorobiphenyl

Concen: 59.710 ng

RT: 9.198 min Scan# 1175

Delta R.T. -0.006 min

Lab File: BF128440.D

Acq: 24 May 2022 17:45

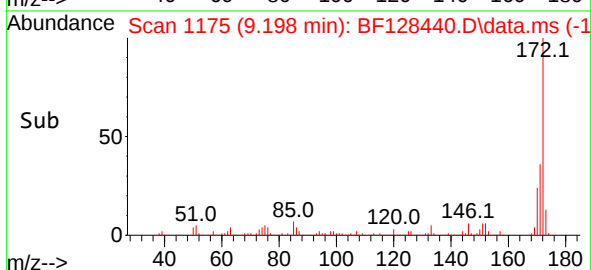
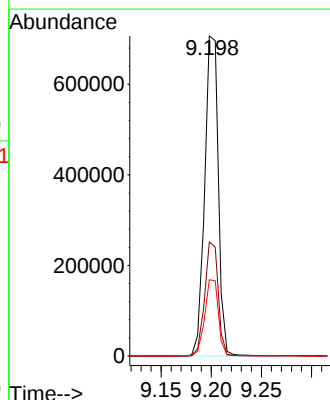
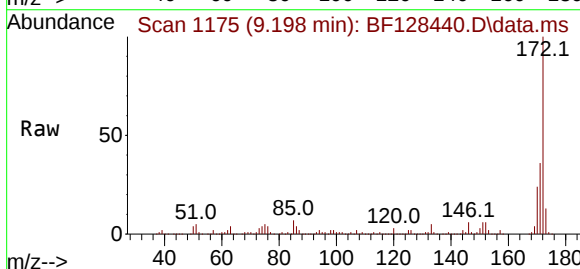
Tgt Ion:172 Resp: 672654

Ion Ratio Lower Upper

172 100

171 35.6 28.6 42.8

170 23.8 19.1 28.7





#51

2,6-Dinitrotoluene

Concen: 9.232 ng

RT: 9.880 min Scan# 1291

Delta R.T. 0.200 min

Lab File: BF128440.D

Acq: 24 May 2022 17:45

Instrument :

BNA_F

ClientSampleId :

P031-SS001-0006-01

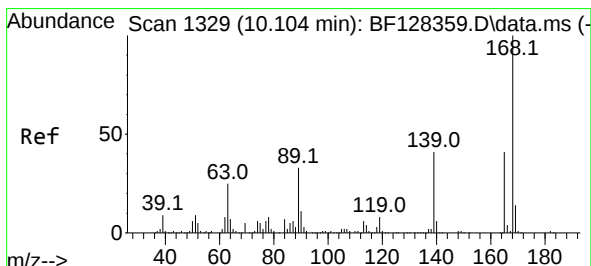
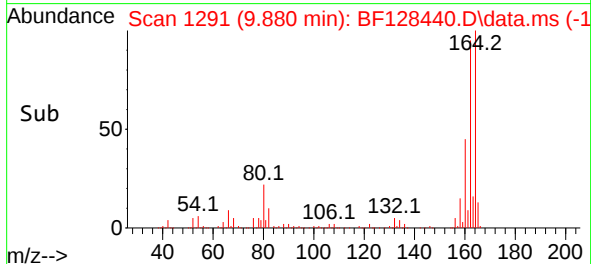
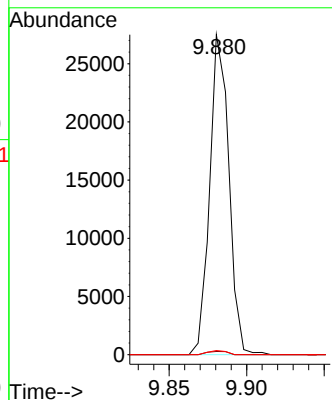
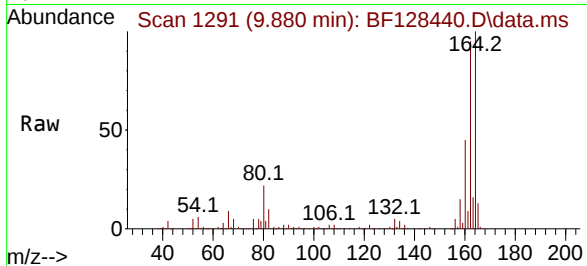
Tgt Ion:165 Resp: 23694

Ion Ratio Lower Upper

165 100

63 1.0 49.5 74.3#

89 1.3 49.0 73.4#



#57

2,4-Dinitrotoluene

Concen: 7.327 ng

RT: 9.880 min Scan# 1291

Delta R.T. -0.212 min

Lab File: BF128440.D

Acq: 24 May 2022 17:45

Tgt Ion:165 Resp: 23694

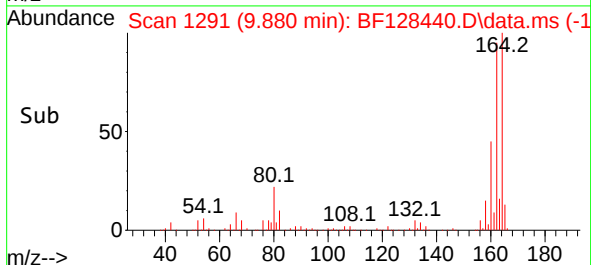
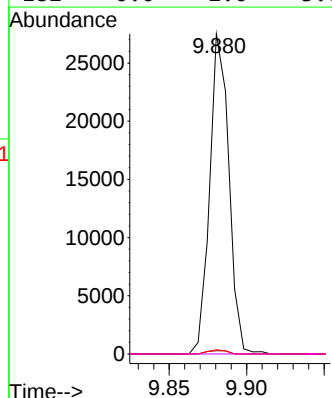
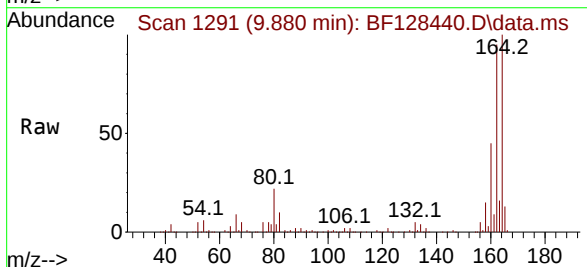
Ion Ratio Lower Upper

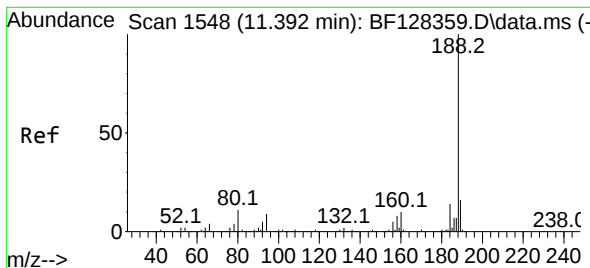
165 100

63 1.0 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: 11.374 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF128440.D

Acq: 24 May 2022 17:45

Instrument :

BNA_F

ClientSampleId :

P031-SS001-0006-01

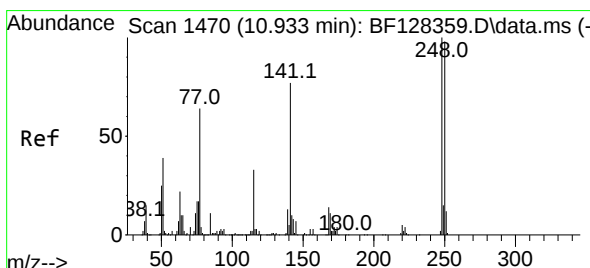
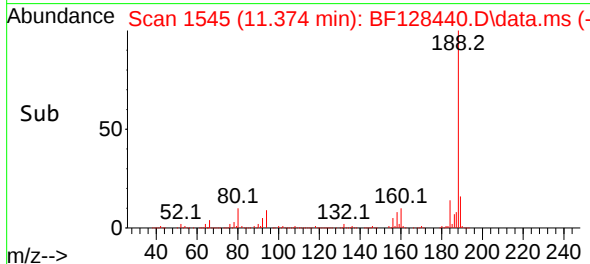
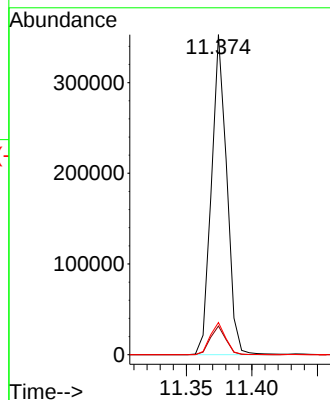
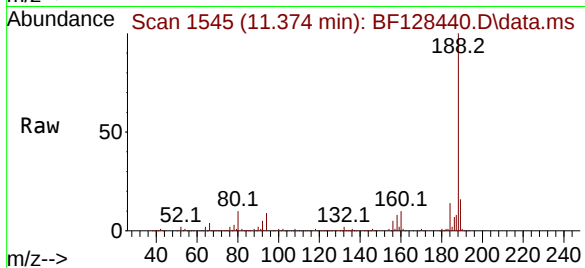
Tgt Ion:188 Resp: 287223

Ion Ratio Lower Upper

188 100

94 8.9 8.0 12.0

80 10.1 8.9 13.3



#67

4-Bromophenyl-phenylether

Concen: 2.673 ng

RT: 10.675 min Scan# 1426

Delta R.T. -0.241 min

Lab File: BF128440.D

Acq: 24 May 2022 17:45

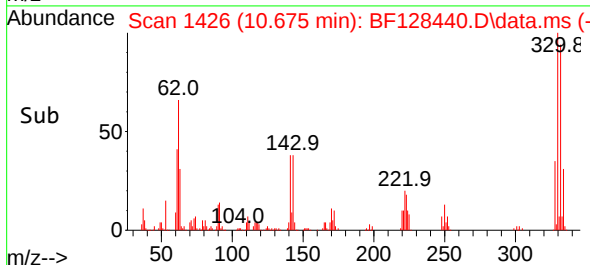
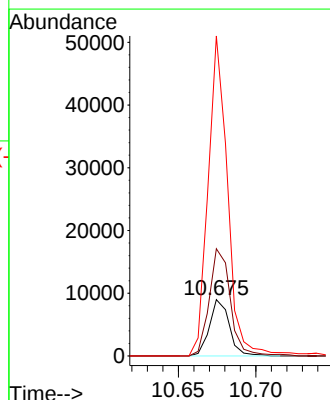
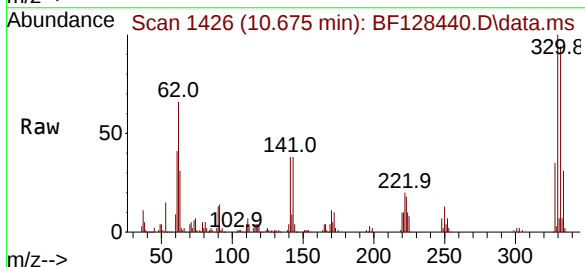
Tgt Ion:248 Resp: 8035

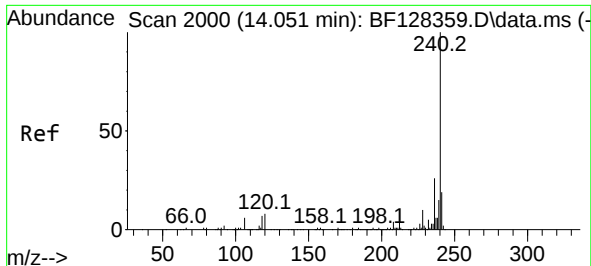
Ion Ratio Lower Upper

248 100

250 190.4 77.7 116.5#

141 568.0 65.6 98.4#

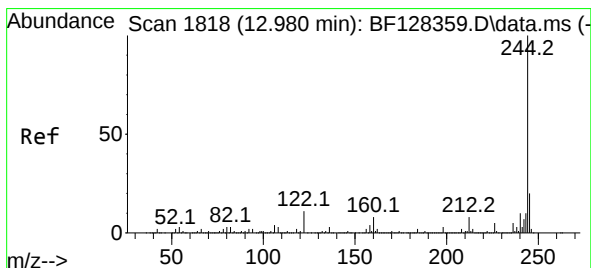
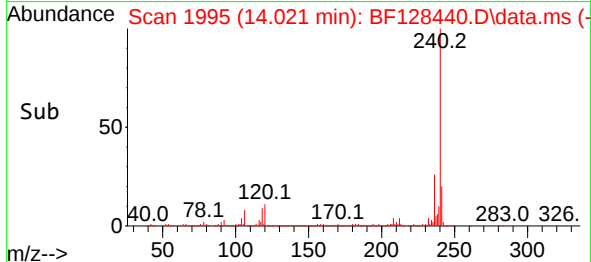
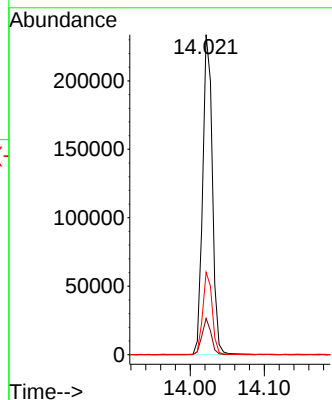
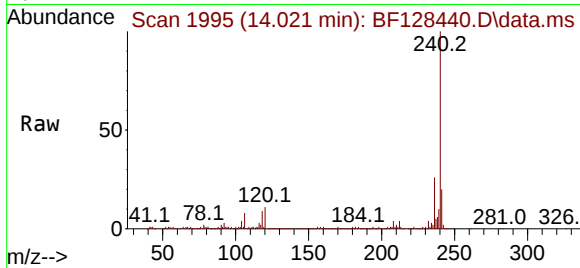




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.021 min Scan# 1995
Delta R.T. -0.012 min
Lab File: BF128440.D
Acq: 24 May 2022 17:45

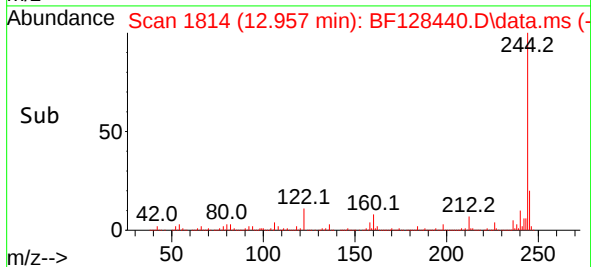
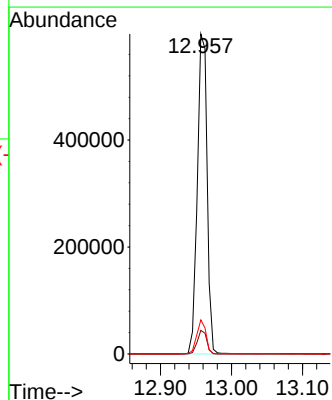
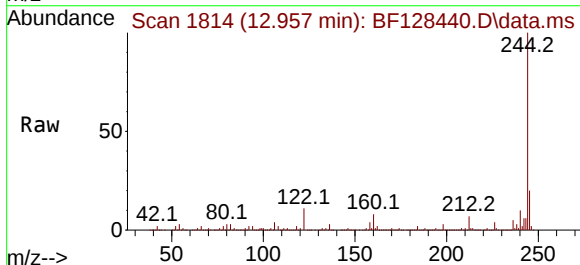
Instrument :
BNA_F
ClientSampleId :
P031-SS001-0006-01

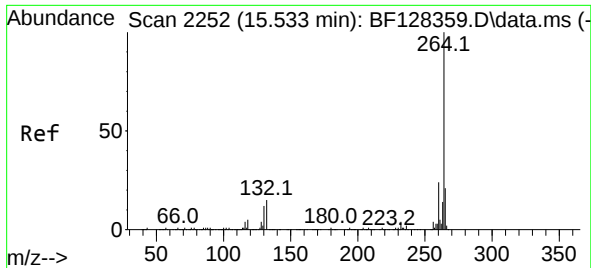
Tgt Ion:240 Resp: 212013
Ion Ratio Lower Upper
240 100
120 11.4 7.0 10.6#
236 25.8 20.3 30.5



#79
Terphenyl-d14
Concen: 52.281 ng
RT: 12.957 min Scan# 1814
Delta R.T. -0.006 min
Lab File: BF128440.D
Acq: 24 May 2022 17:45

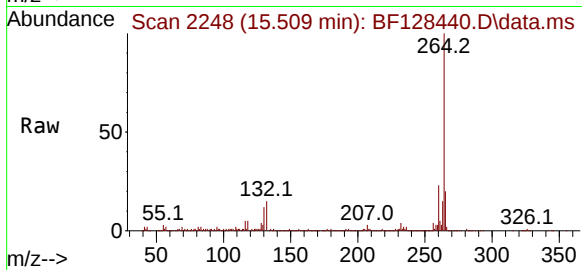
Tgt Ion:244 Resp: 574192
Ion Ratio Lower Upper
244 100
212 7.4 6.2 9.4
122 10.6 8.6 12.8





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.509 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BF128440.D
 Acq: 24 May 2022 17:45

Instrument :
 BNA_F
 ClientSampleId :
 P031-SS001-0006-01



Tgt Ion:264 Resp: 186012
 Ion Ratio Lower Upper
 264 100
 260 22.7 20.1 30.1
 265 20.1 17.5 26.3

