

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060222\
 Data File : BF128653.D
 Acq On : 02 Jun 2022 22:40
 Operator : CG\JU
 Sample : N2988-07
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P015-SS002-1824-01

Quant Time: Jun 03 03:27:53 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060222.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 02 17:07:23 2022
 Response via : Initial Calibration

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

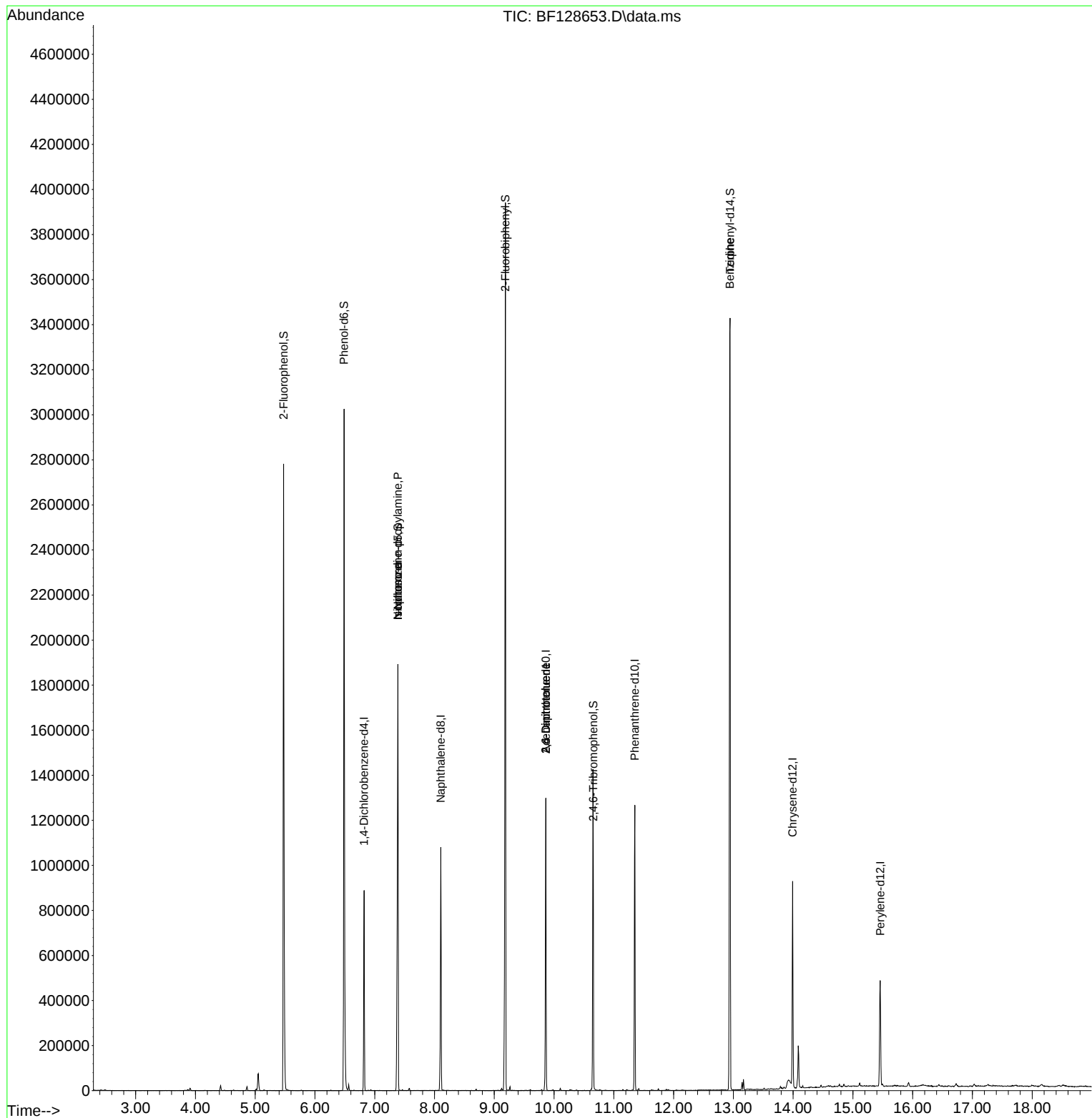
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.822	152	109917	20.000	ng	0.00
21) Naphthalene-d8	8.104	136	420126	20.000	ng	0.00
39) Acenaphthene-d10	9.863	164	240759	20.000	ng	0.00
64) Phenanthrene-d10	11.351	188	440103	20.000	ng	# 0.00
76) Chrysene-d12	13.992	240	281732	20.000	ng	# 0.00
86) Perylene-d12	15.457	264	211436	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	634089	91.887	ng	0.00
7) Phenol-d6	6.487	99	824218	97.847	ng	-0.01
23) Nitrobenzene-d5	7.387	82	618263	68.516	ng	0.00
42) 2,4,6-Tribromophenol	10.657	330	142308	50.026	ng	0.00
45) 2-Fluorobiphenyl	9.186	172	1174362	68.328	ng	0.00
79) Terphenyl-d14	12.945	244	1248248	76.988	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.387	70	89713	17.129	ng	# 80
25) Isophorone	7.387	82	616693	44.998	ng	# 65
51) 2,6-Dinitrotoluene	9.863	165	30729	9.448	ng	# 26
57) 2,4-Dinitrotoluene	9.863	165	30729	7.079	ng	# 21
77) Benzidine	12.939	184	19784	3.523	ng	# 93

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

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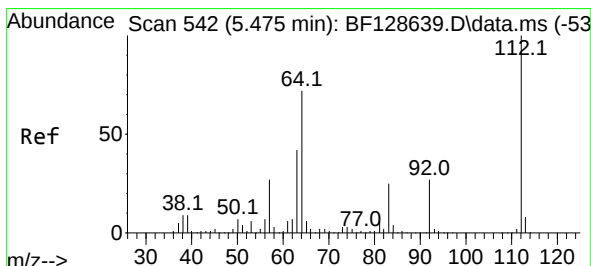
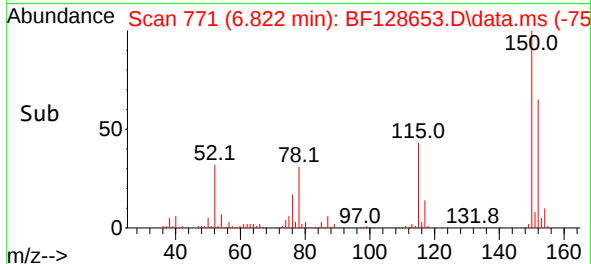
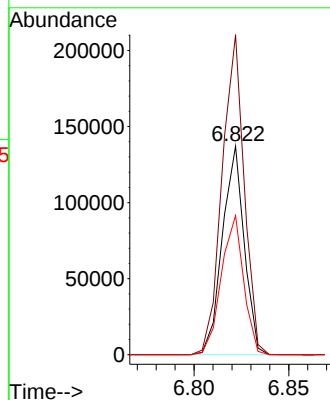
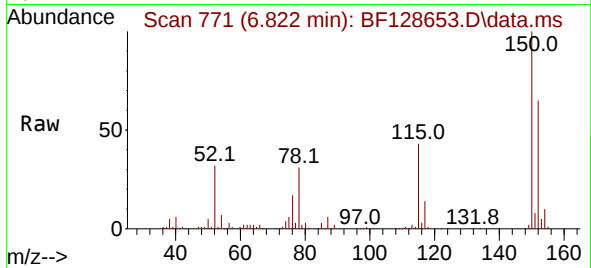




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.822 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF128653.D
Acq: 02 Jun 2022 22:40

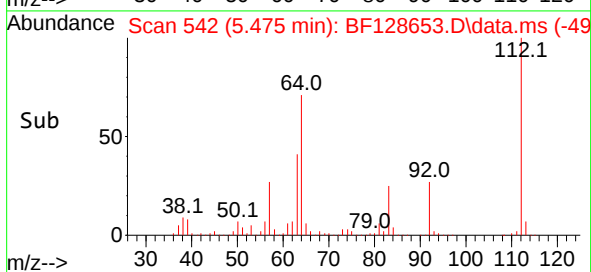
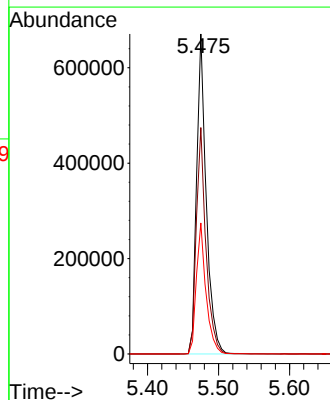
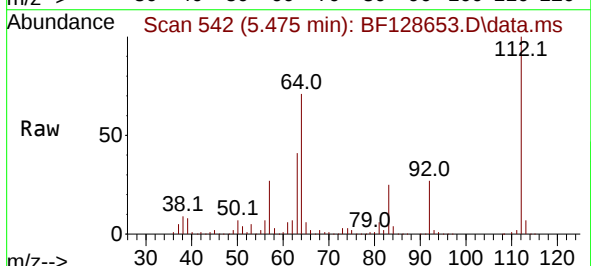
Instrument :
BNA_F
ClientSampleId :
P015-SS002-1824-01

Tgt Ion:152 Resp: 109917
Ion Ratio Lower Upper
152 100
150 153.4 123.7 185.5
115 66.7 49.9 74.9



#5
2-Fluorophenol
Concen: 91.887 ng
RT: 5.475 min Scan# 542
Delta R.T. -0.000 min
Lab File: BF128653.D
Acq: 02 Jun 2022 22:40

Tgt Ion:112 Resp: 634089
Ion Ratio Lower Upper
112 100
64 70.7 53.3 79.9
63 40.9 28.0 42.0

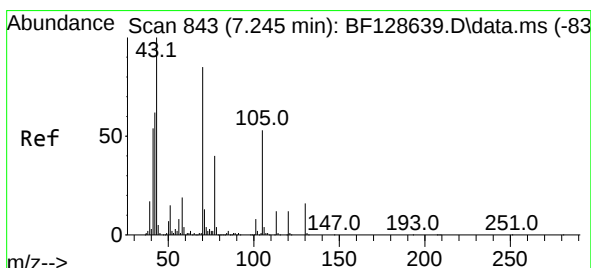
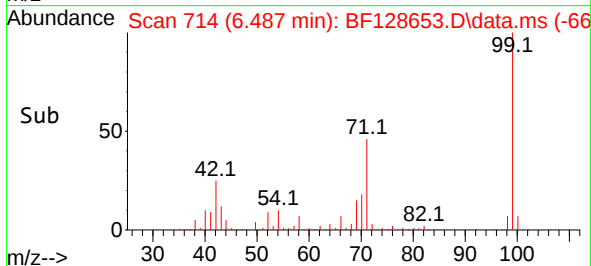
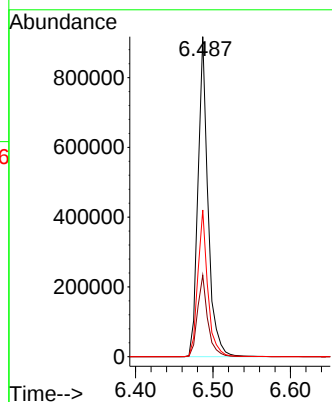
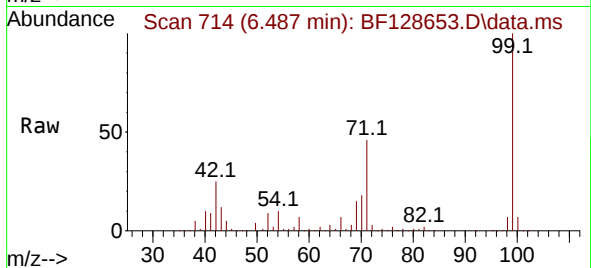




#7
Phenol-d6
Concen: 97.847 ng
RT: 6.487 min Scan# 71
Delta R.T. -0.011 min
Lab File: BF128653.D
Acq: 02 Jun 2022 22:40

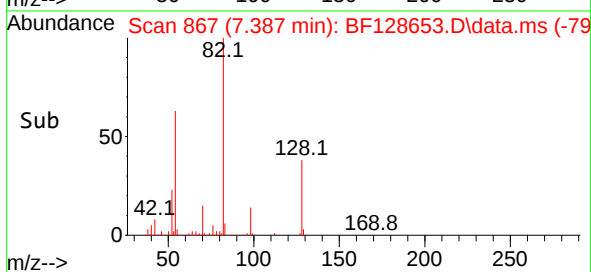
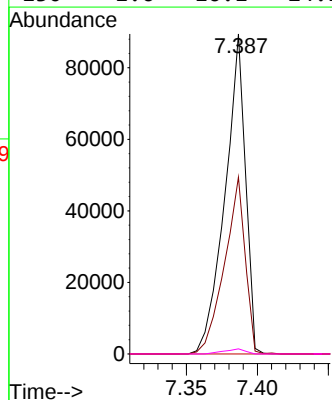
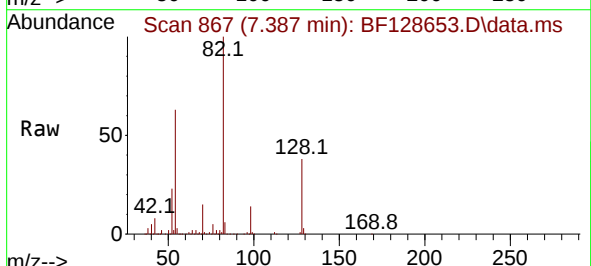
Instrument :
BNA_F
ClientSampleId :
P015-SS002-1824-01

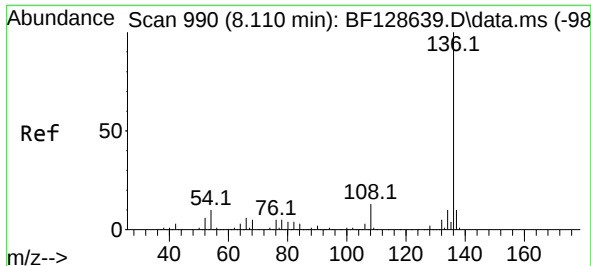
Tgt Ion: 99 Resp: 824218
Ion Ratio Lower Upper
99 100
42 25.4 17.3 25.9
71 45.8 28.9 43.3#



#19
n-Nitroso-di-n-propylamine
Concen: 17.129 ng
RT: 7.387 min Scan# 867
Delta R.T. 0.141 min
Lab File: BF128653.D
Acq: 02 Jun 2022 22:40

Tgt Ion: 70 Resp: 89713
Ion Ratio Lower Upper
70 100
42 55.2 52.3 78.5
101 0.0 7.5 11.3#
130 1.6 16.1 24.1#

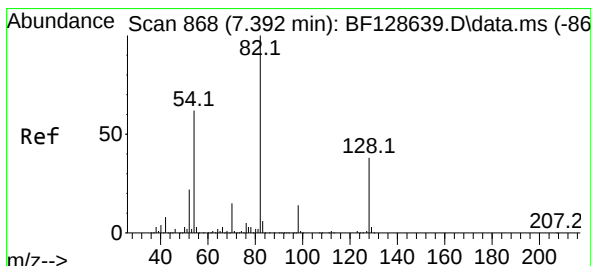
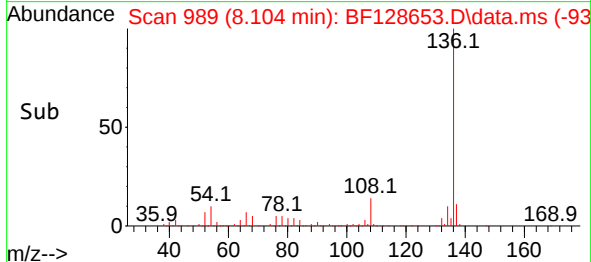
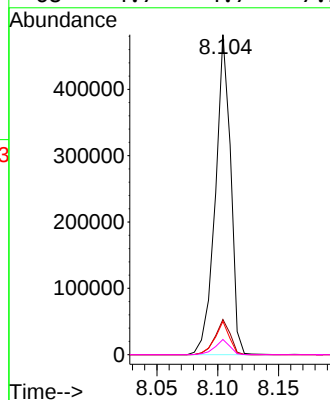
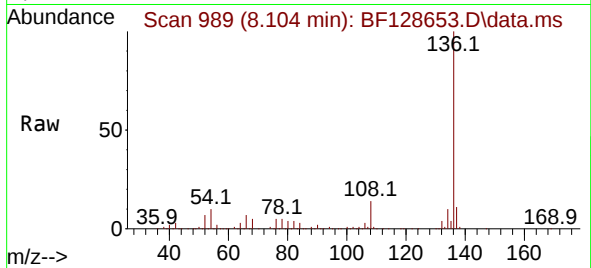




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.104 min Scan# 910
Delta R.T. -0.006 min
Lab File: BF128653.D
Acq: 02 Jun 2022 22:40

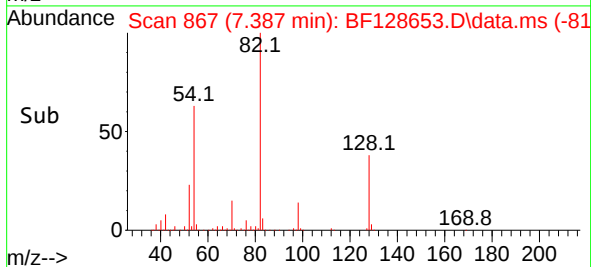
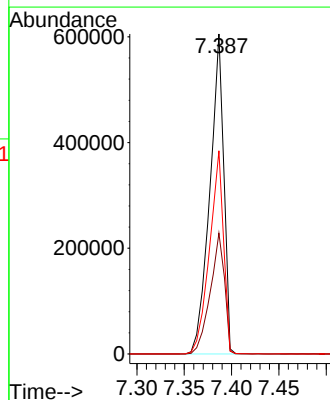
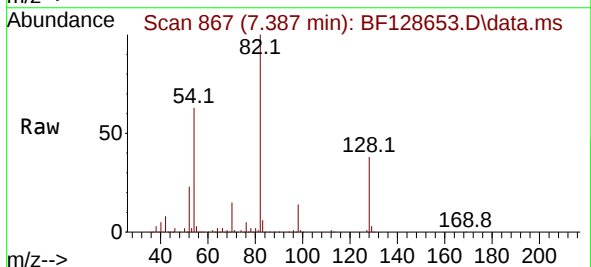
Instrument :
BNA_F
ClientSampleId :
P015-SS002-1824-01

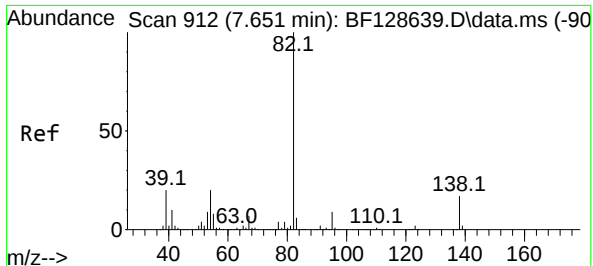
Tgt Ion:	136	Resp:	420126
Ion Ratio	Lower	Upper	
136	100		
137	11.0	8.8	13.2
54	10.4	7.5	11.3
68	4.7	4.7	7.1



#23
Nitrobenzene-d5
Concen: 68.516 ng
RT: 7.387 min Scan# 867
Delta R.T. -0.005 min
Lab File: BF128653.D
Acq: 02 Jun 2022 22:40

Tgt Ion:	82	Resp:	618263
Ion Ratio	Lower	Upper	
82	100		
128	37.7	34.0	51.0
54	63.5	46.9	70.3

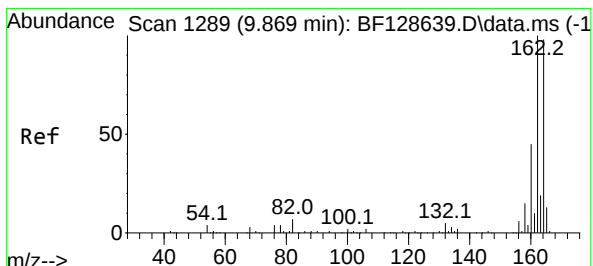
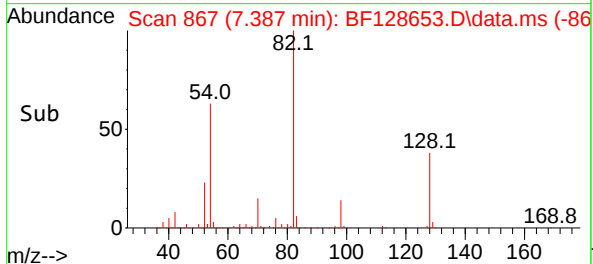
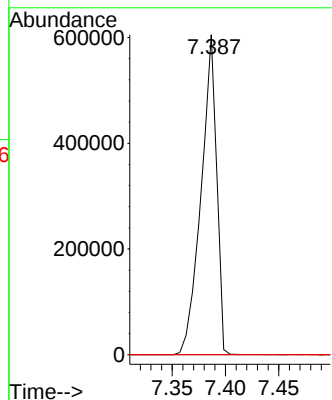
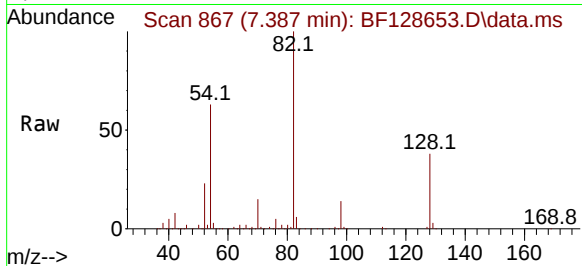




#25
Isophorone
Concen: 44.998 ng
RT: 7.387 min Scan# 80
Delta R.T. -0.265 min
Lab File: BF128653.D
Acq: 02 Jun 2022 22:40

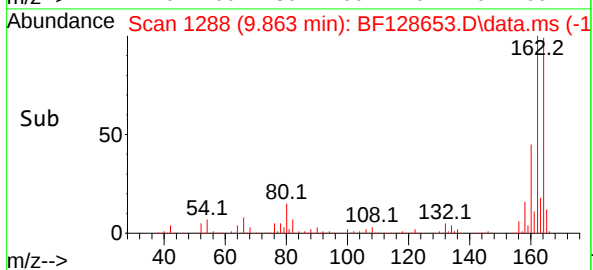
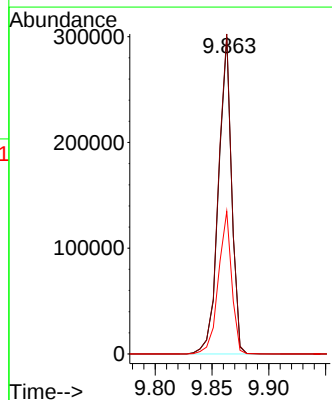
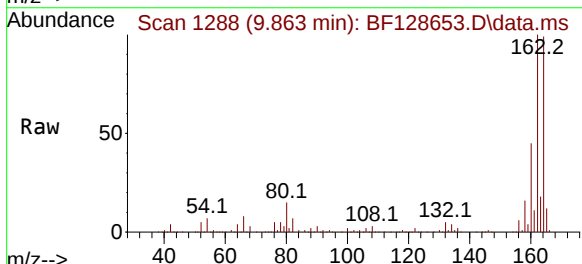
Instrument :
BNA_F
ClientSampleId :
P015-SS002-1824-01

Tgt Ion: 82 Resp: 616693
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 14.2 21.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.863 min Scan# 1288
Delta R.T. -0.006 min
Lab File: BF128653.D
Acq: 02 Jun 2022 22:40

Tgt Ion: 164 Resp: 240759
Ion Ratio Lower Upper
164 100
162 100.9 79.5 119.3
160 45.0 34.2 51.4





#42

2,4,6-Tribromophenol

Concen: 50.026 ng

RT: 10.657 min Scan# 1423

Delta R.T. -0.006 min

Lab File: BF128653.D

Acq: 02 Jun 2022 22:40

Instrument :

BNA_F

ClientSampleId :

P015-SS002-1824-01

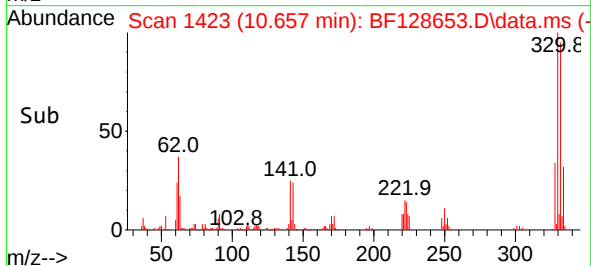
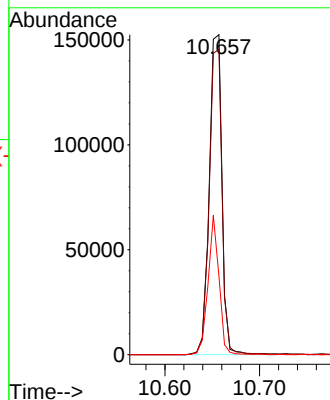
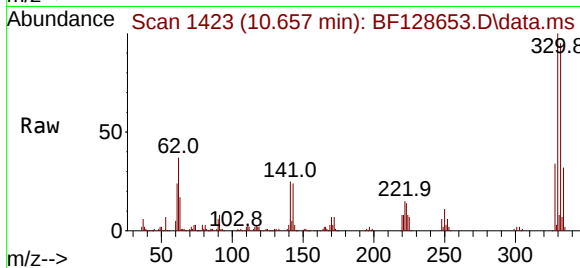
Tgt Ion:330 Resp: 142308

Ion Ratio Lower Upper

330 100

332 96.3 76.8 115.2

141 37.6 28.0 42.0



#45

2-Fluorobiphenyl

Concen: 68.328 ng

RT: 9.186 min Scan# 1173

Delta R.T. -0.006 min

Lab File: BF128653.D

Acq: 02 Jun 2022 22:40

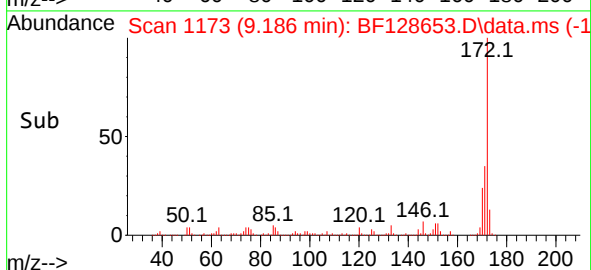
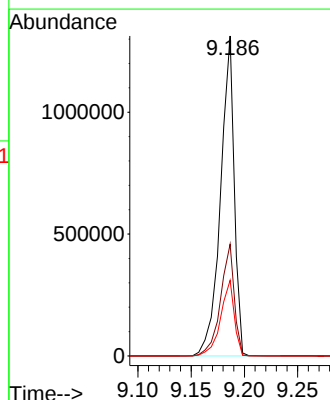
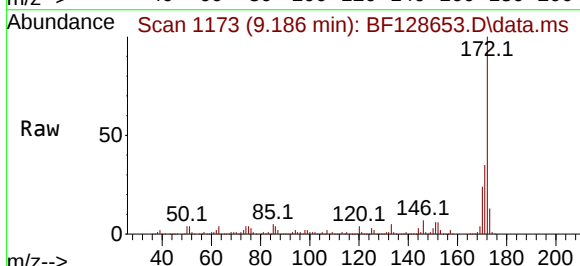
Tgt Ion:172 Resp: 1174362

Ion Ratio Lower Upper

172 100

171 34.9 28.8 43.2

170 23.7 19.8 29.8





#51

2,6-Dinitrotoluene

Concen: 9.448 ng

RT: 9.863 min Scan# 1288

Delta R.T. 0.206 min

Lab File: BF128653.D

Acq: 02 Jun 2022 22:40

Instrument :

BNA_F

ClientSampleId :

P015-SS002-1824-01

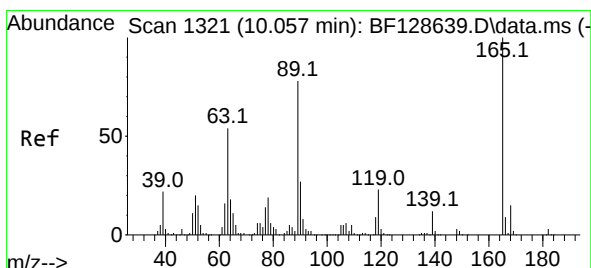
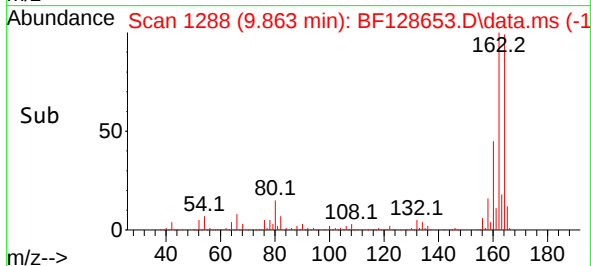
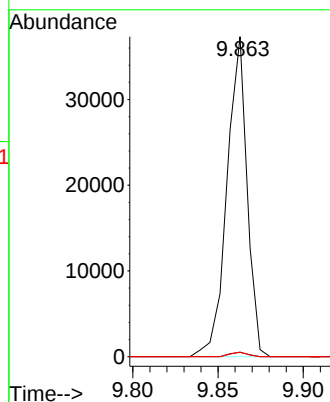
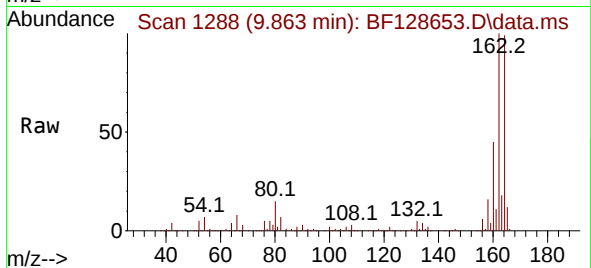
Tgt Ion:165 Resp: 30729

Ion Ratio Lower Upper

165 100

63 1.3 44.9 67.3#

89 1.5 43.6 65.4#



#57

2,4-Dinitrotoluene

Concen: 7.079 ng

RT: 9.863 min Scan# 1288

Delta R.T. -0.194 min

Lab File: BF128653.D

Acq: 02 Jun 2022 22:40

Tgt Ion:165 Resp: 30729

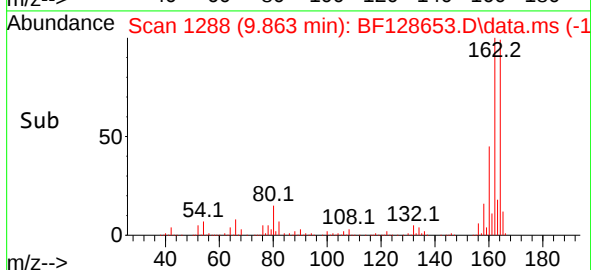
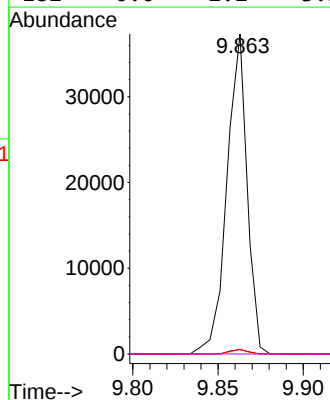
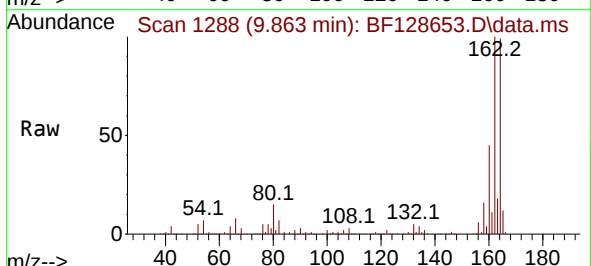
Ion Ratio Lower Upper

165 100

63 1.3 39.8 59.6#

89 1.5 60.2 90.2#

182 0.0 2.2 3.2#

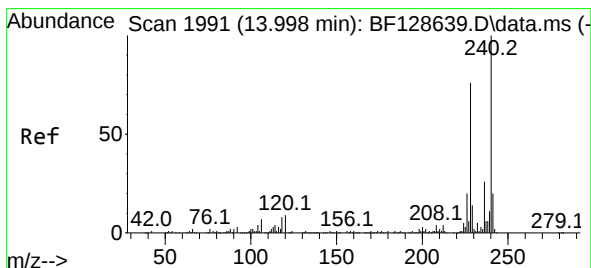
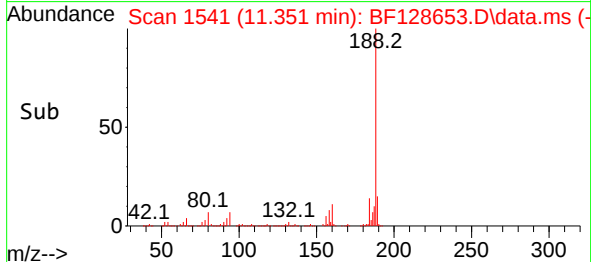
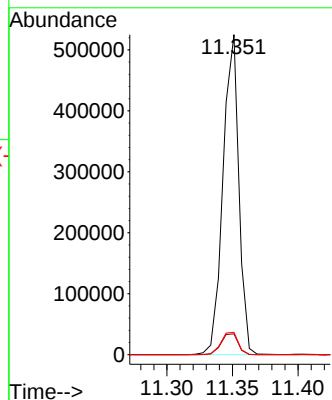
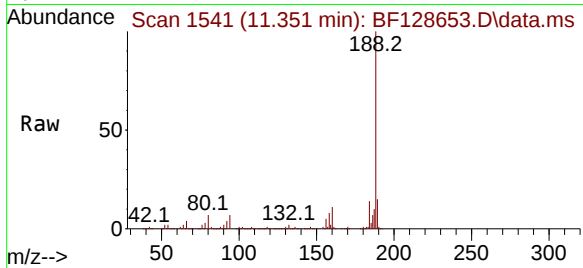




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.351 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF128653.D
Acq: 02 Jun 2022 22:40

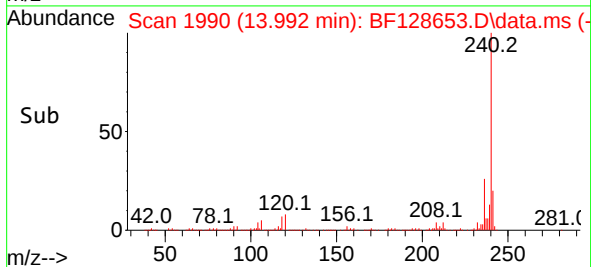
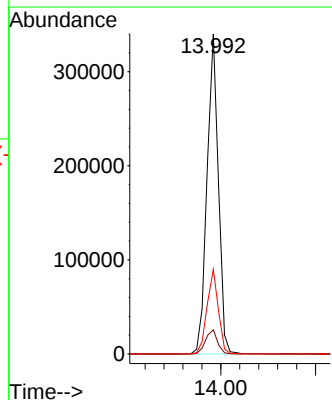
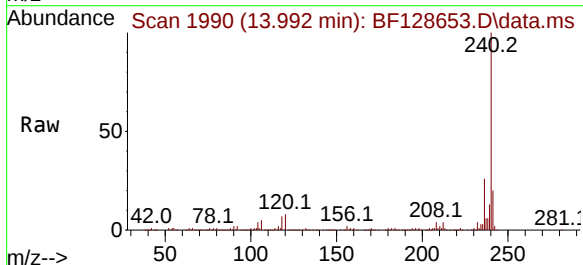
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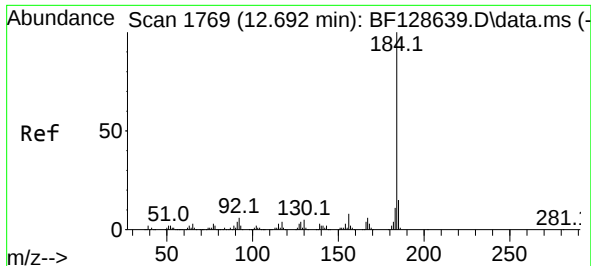
Tgt Ion:188 Resp: 440103
Ion Ratio Lower Upper
188 100
94 6.5 7.0 10.6#
80 7.0 7.6 11.4#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.992 min Scan# 1990
Delta R.T. -0.006 min
Lab File: BF128653.D
Acq: 02 Jun 2022 22:40

Tgt Ion:240 Resp: 281732
Ion Ratio Lower Upper
240 100
120 7.6 8.9 13.3#
236 26.4 20.8 31.2

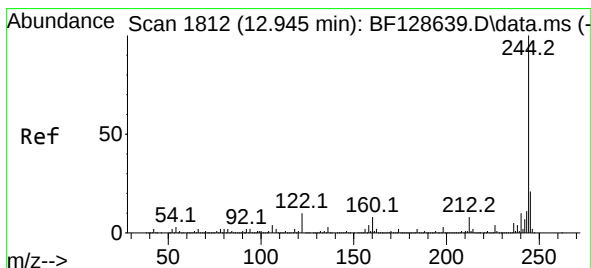
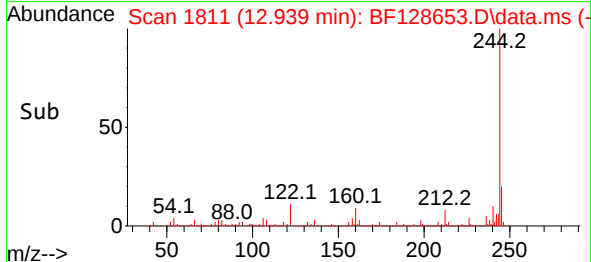
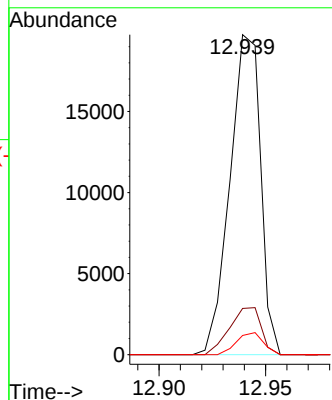
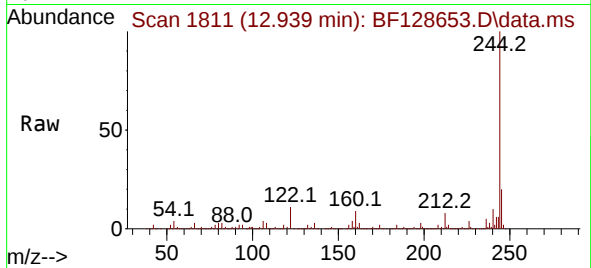




#77
Benzidine
Concen: 3.523 ng
RT: 12.939 min Scan# 1811
Delta R.T. 0.247 min
Lab File: BF128653.D
Acq: 02 Jun 2022 22:40

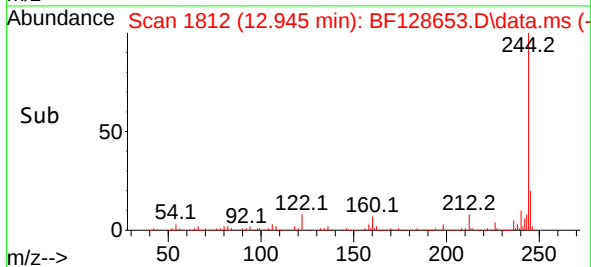
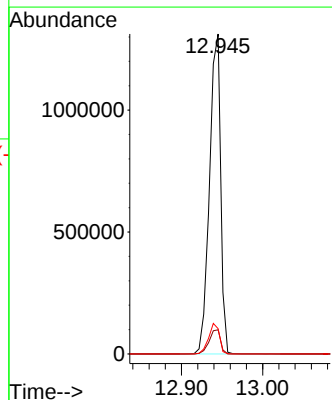
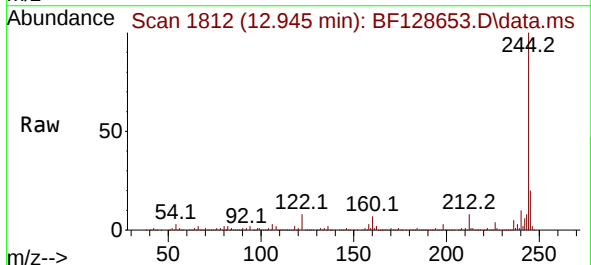
Instrument :
BNA_F
ClientSampleId :
P015-SS002-1824-01

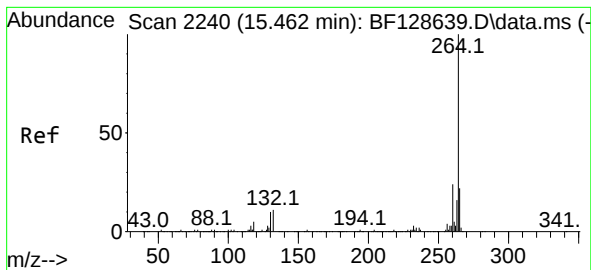
Tgt Ion:184 Resp: 19784
Ion Ratio Lower Upper
184 100
185 14.5 11.9 17.9
183 6.0 9.3 13.9#



#79
Terphenyl-d14
Concen: 76.988 ng
RT: 12.945 min Scan# 1812
Delta R.T. 0.000 min
Lab File: BF128653.D
Acq: 02 Jun 2022 22:40

Tgt Ion:244 Resp: 1248248
Ion Ratio Lower Upper
244 100
212 7.6 6.1 9.1
122 7.9 8.8 13.2#





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.457 min Scan# 21
Delta R.T. -0.005 min
Lab File: BF128653.D
Acq: 02 Jun 2022 22:40

Instrument :
BNA_F
ClientSampleId :
P015-SS002-1824-01

Tgt Ion:264 Resp: 211436

Ion	Ratio	Lower	Upper
264	100		
260	24.6	18.4	27.6
265	21.4	17.2	25.8

