

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052422\
 Data File : BF128450.D
 Acq On : 24 May 2022 22:37
 Operator : CG\JU
 Sample : N2896-12 10X
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P039-SS001-0006-01

Quant Time: May 25 03:56:58 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)

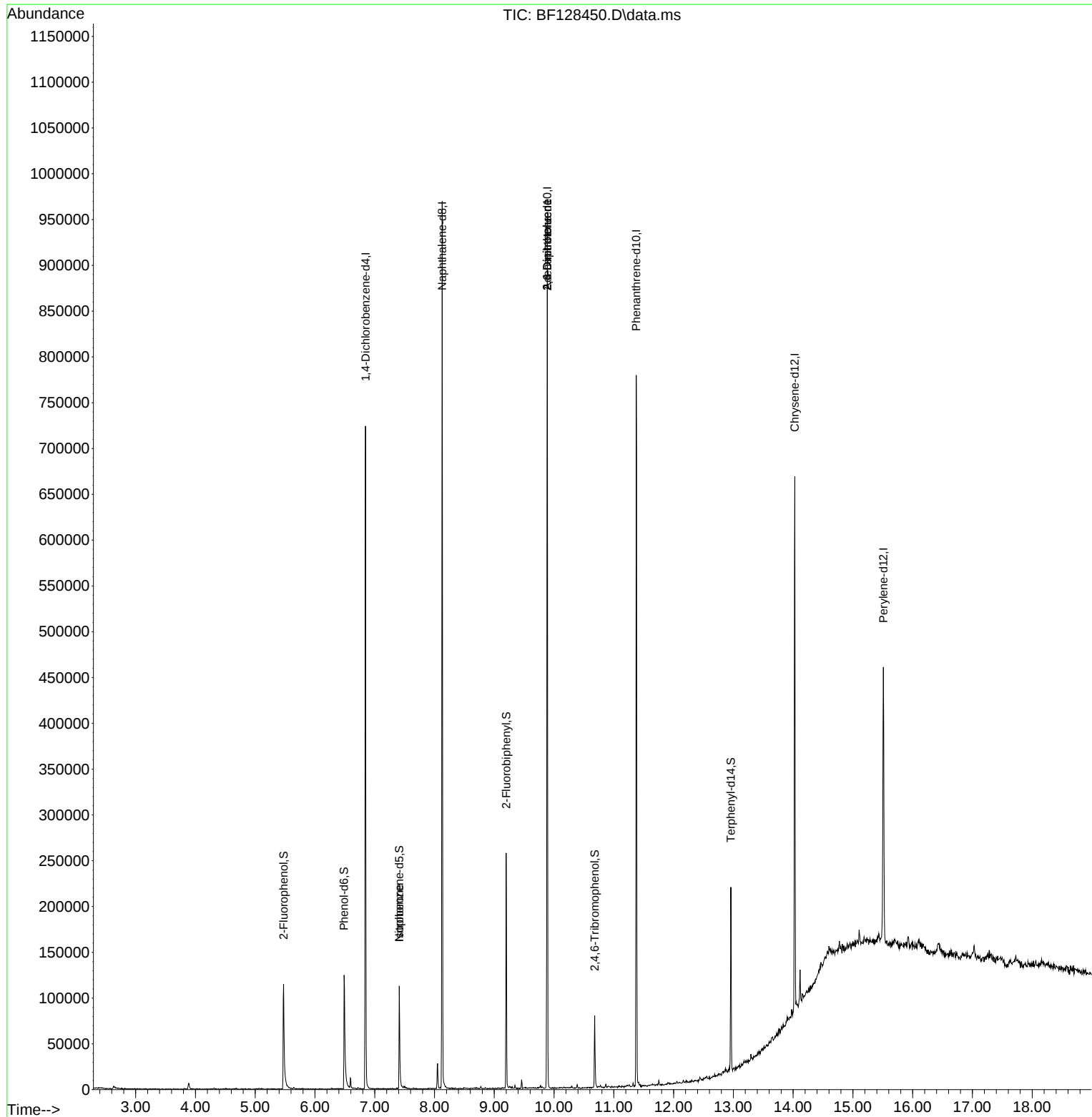
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.845	152	97177	20.000	ng	0.00
21) Naphthalene-d8	8.128	136	365067	20.000	ng	0.00
39) Acenaphthene-d10	9.886	164	182507	20.000	ng	0.00
64) Phenanthrene-d10	11.375	188	281133	20.000	ng	0.00
76) Chrysene-d12	14.027	240	195997	20.000	ng	0.00
86) Perylene-d12	15.510	264	141749	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	43929	7.194	ng	0.00
7) Phenol-d6	6.487	99	57451	7.145	ng	0.00
23) Nitrobenzene-d5	7.410	82	37849	4.645	ng	-0.01
42) 2,4,6-Tribromophenol	10.681	330	9246	4.912	ng	0.00
45) 2-Fluorobiphenyl	9.198	172	70199	6.290	ng	0.00
79) Terphenyl-d14	12.957	244	61367	6.044	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.487	77	66	Below Cal	#	3
25) Isophorone	7.410	82	37848	3.031	ng	# 68
51) 2,6-Dinitrotoluene	9.886	165	22947	9.025	ng	# 21
57) 2,4-Dinitrotoluene	9.886	165	22947	7.163	ng	# 25

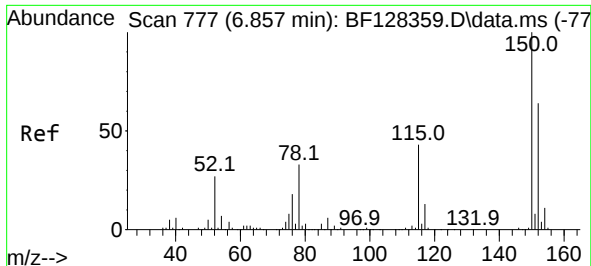
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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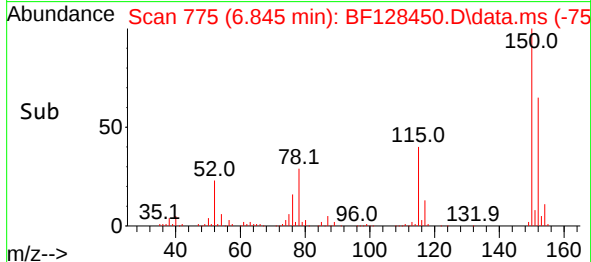
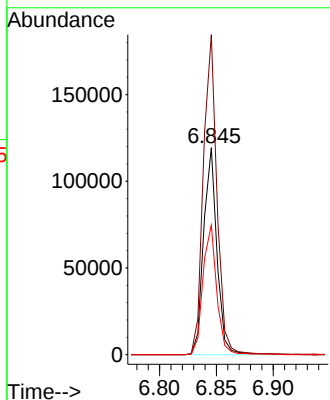
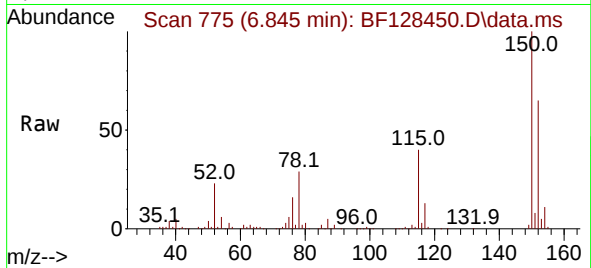




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.845 min Scan# 71
 Delta R.T. 0.000 min
 Lab File: BF128450.D
 Acq: 24 May 2022 22:37

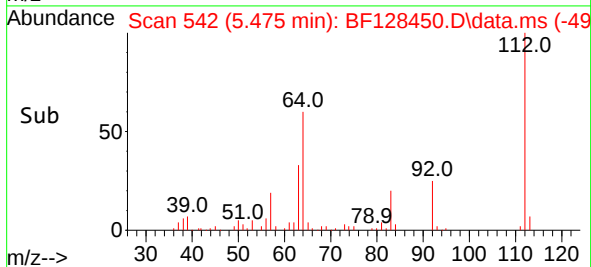
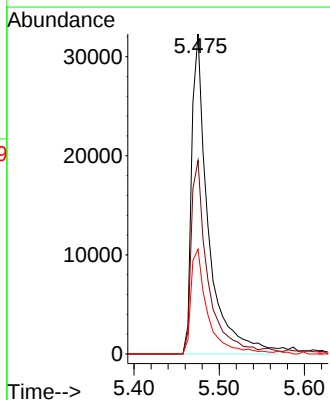
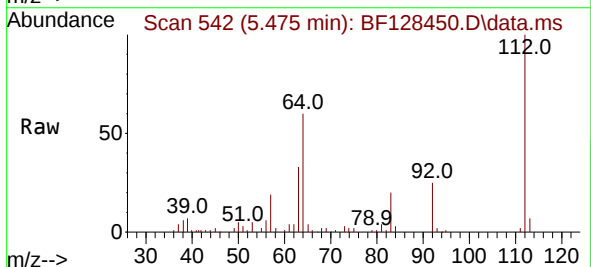
Instrument :
 BNA_F
 ClientSampleId :
 P039-SS001-0006-01

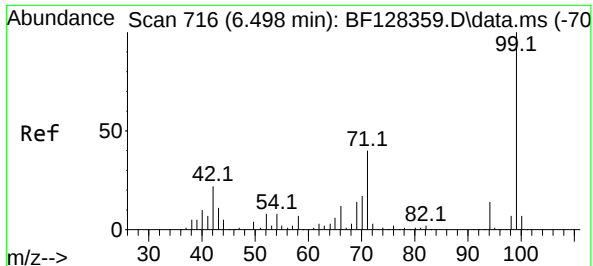
Tgt Ion:152 Resp: 97177
 Ion Ratio Lower Upper
 152 100
 150 154.5 125.3 187.9
 115 62.6 48.8 73.2



#5
 2-Fluorophenol
 Concen: 7.194 ng
 RT: 5.475 min Scan# 542
 Delta R.T. 0.006 min
 Lab File: BF128450.D
 Acq: 24 May 2022 22:37

Tgt Ion:112 Resp: 43929
 Ion Ratio Lower Upper
 112 100
 64 60.5 49.5 74.3
 63 32.7 26.3 39.5

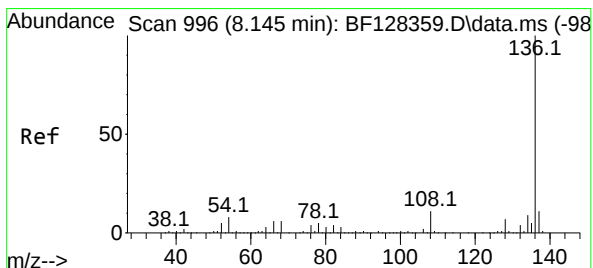
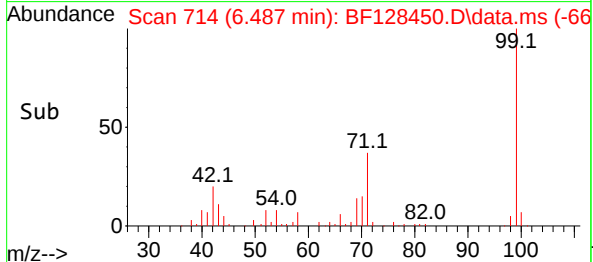
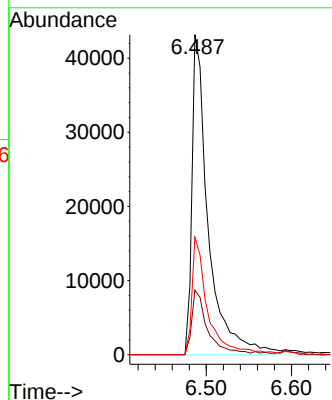
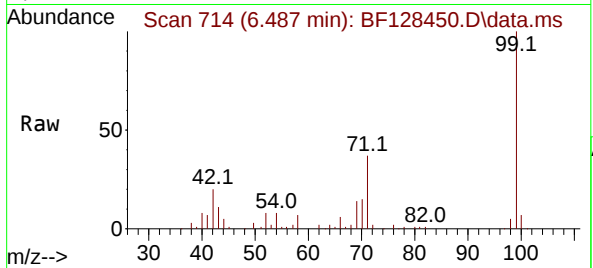




#7
Phenol-d6
Concen: 7.145 ng
RT: 6.487 min Scan# 716
Delta R.T. -0.006 min
Lab File: BF128450.D
Acq: 24 May 2022 22:37

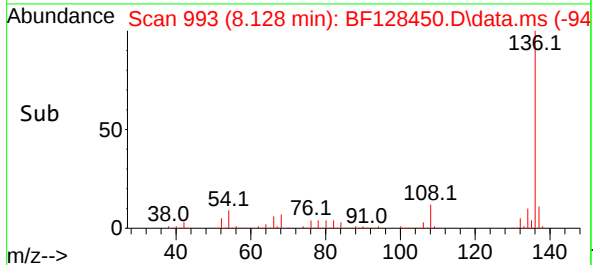
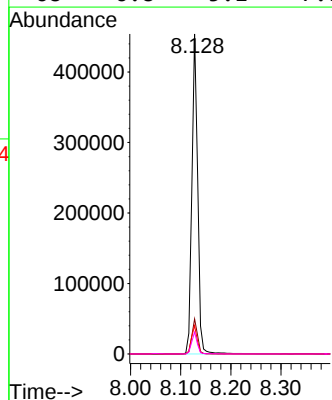
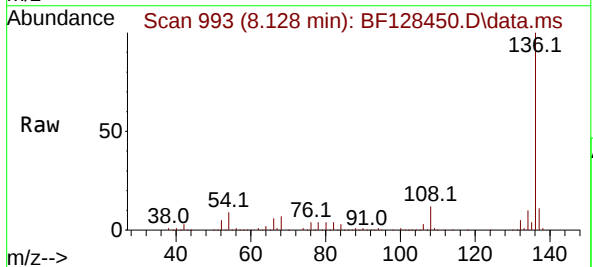
Instrument :
BNA_F
ClientSampleId :
P039-SS001-0006-01

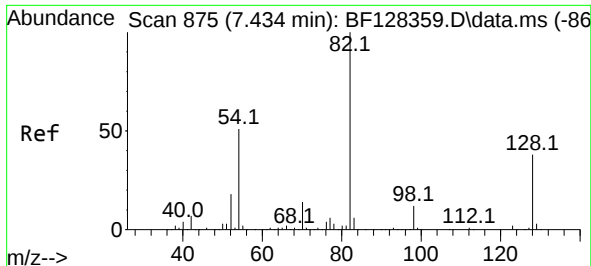
Tgt Ion: 99 Resp: 57451
Ion Ratio Lower Upper
99 100
42 20.1 16.6 24.8
71 36.7 30.0 45.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.128 min Scan# 993
Delta R.T. 0.000 min
Lab File: BF128450.D
Acq: 24 May 2022 22:37

Tgt Ion: 136 Resp: 365067
Ion Ratio Lower Upper
136 100
137 10.9 8.6 13.0
54 8.9 6.8 10.2
68 6.8 5.1 7.7





#23

Nitrobenzene-d5

Concen: 4.645 ng

RT: 7.410 min Scan# 871

Delta R.T. -0.012 min

Lab File: BF128450.D

Acq: 24 May 2022 22:37

Instrument :

BNA_F

ClientSampleId :

P039-SS001-0006-01

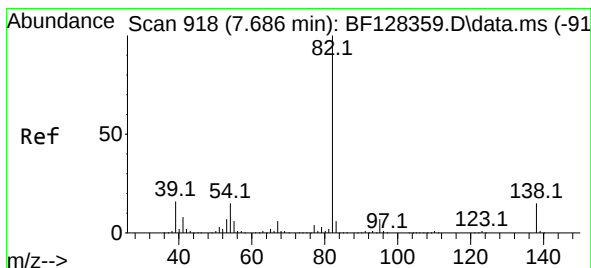
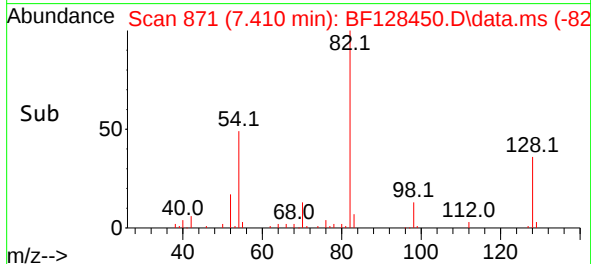
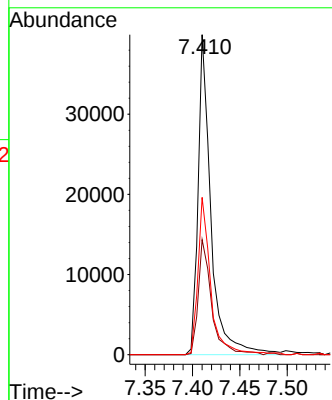
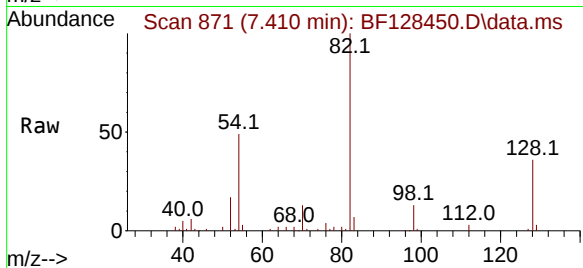
Tgt Ion: 82 Resp: 37849

Ion Ratio Lower Upper

82 100

128 36.0 30.0 45.0

54 49.1 41.3 61.9



#25

Isophorone

Concen: 3.031 ng

RT: 7.410 min Scan# 871

Delta R.T. -0.265 min

Lab File: BF128450.D

Acq: 24 May 2022 22:37

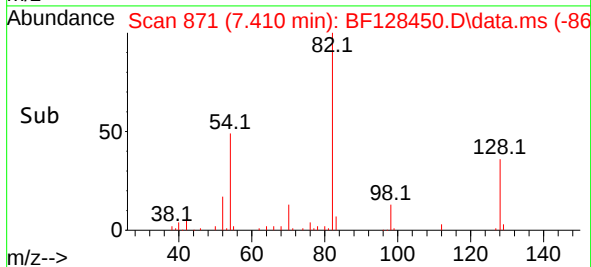
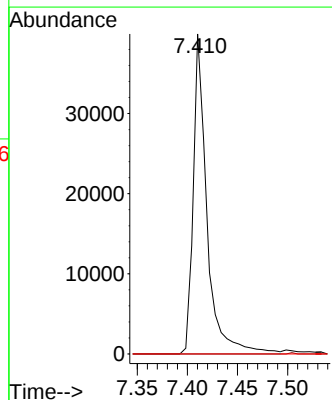
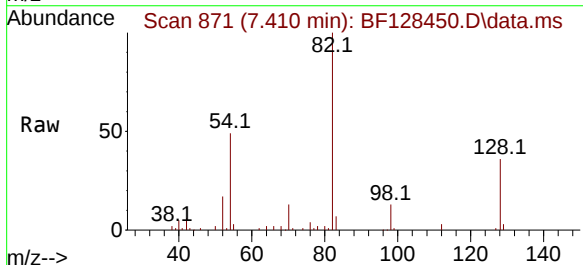
Tgt Ion: 82 Resp: 37848

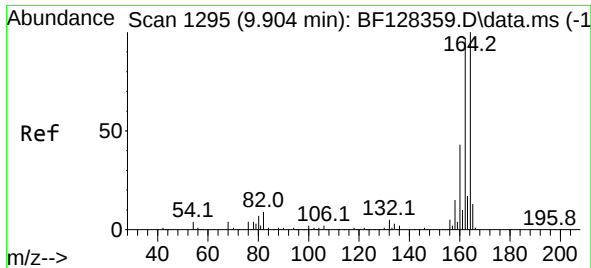
Ion Ratio Lower Upper

82 100

95 0.0 5.6 8.4#

138 0.0 12.5 18.7#

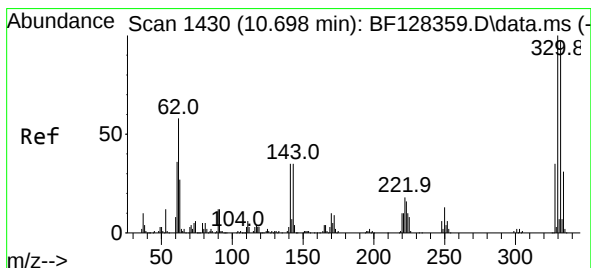
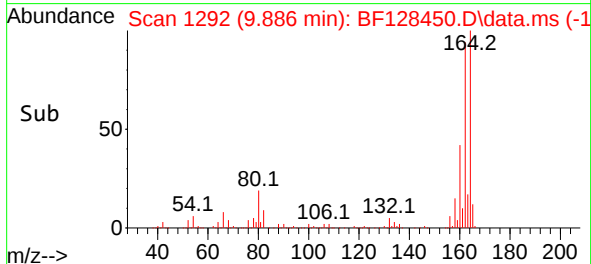
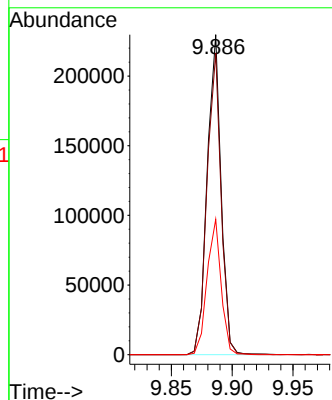
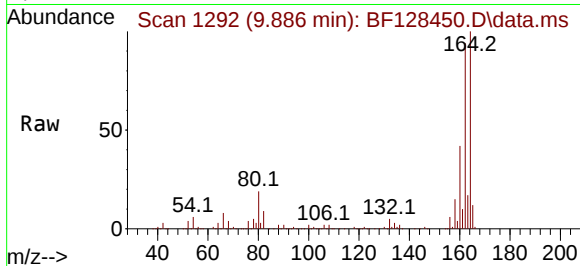




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.886 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF128450.D
Acq: 24 May 2022 22:37

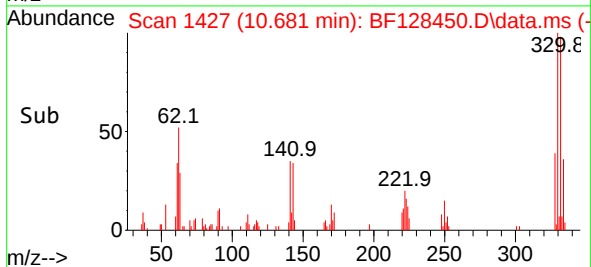
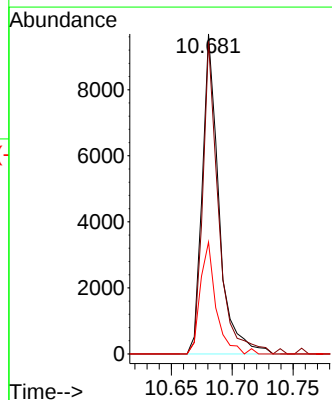
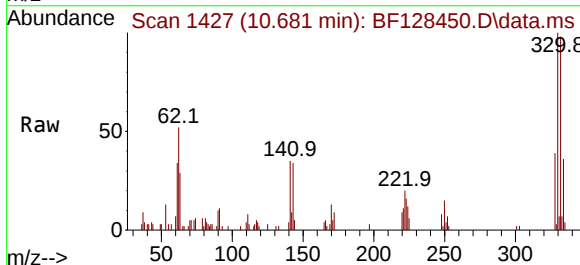
Instrument :
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P039-SS001-0006-01

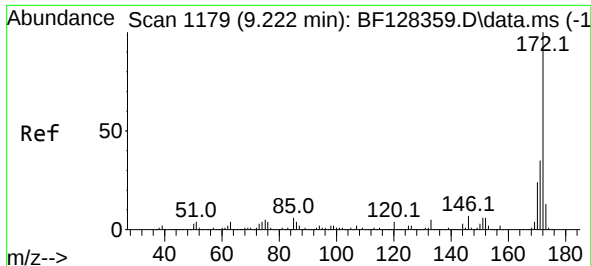
Tgt Ion:164 Resp: 182507
Ion Ratio Lower Upper
164 100
162 94.3 76.0 114.0
160 42.3 34.8 52.2



#42
2,4,6-Tribromophenol
Concen: 4.912 ng
RT: 10.681 min Scan# 1427
Delta R.T. -0.006 min
Lab File: BF128450.D
Acq: 24 May 2022 22:37

Tgt Ion:330 Resp: 9246
Ion Ratio Lower Upper
330 100
332 92.9 79.0 118.4
141 33.3 28.9 43.3





#45

2-Fluorobiphenyl

Concen: 6.290 ng

RT: 9.198 min Scan# 1175

Delta R.T. -0.006 min

Lab File: BF128450.D

Acq: 24 May 2022 22:37

Instrument :

BNA_F

ClientSampleId :

P039-SS001-0006-01

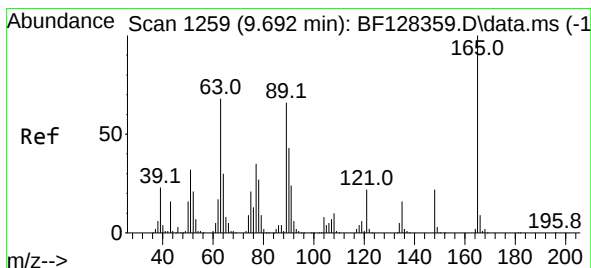
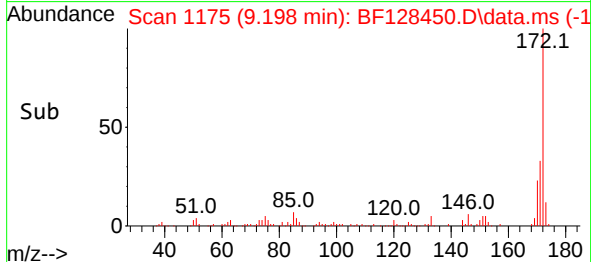
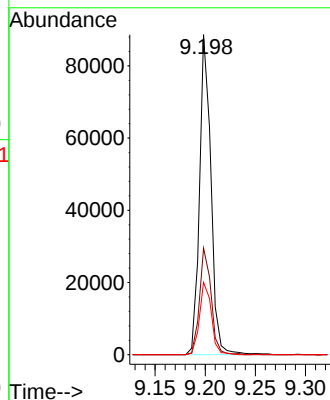
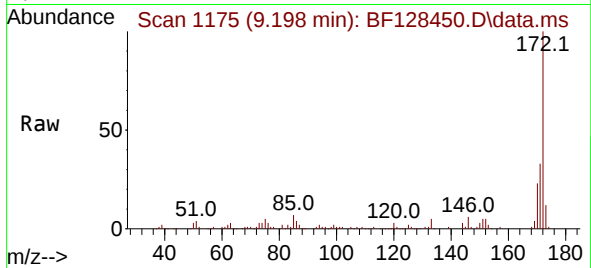
Tgt Ion:172 Resp: 70199

Ion Ratio Lower Upper

172 100

171 33.3 28.6 42.8

170 22.6 19.1 28.7



#51

2,6-Dinitrotoluene

Concen: 9.025 ng

RT: 9.886 min Scan# 1292

Delta R.T. 0.206 min

Lab File: BF128450.D

Acq: 24 May 2022 22:37

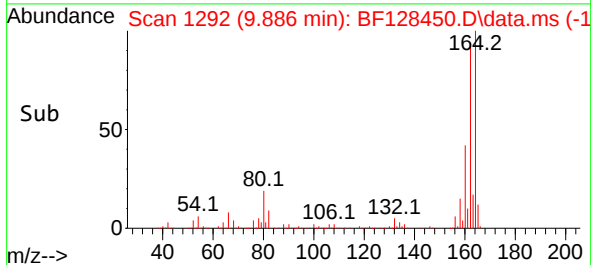
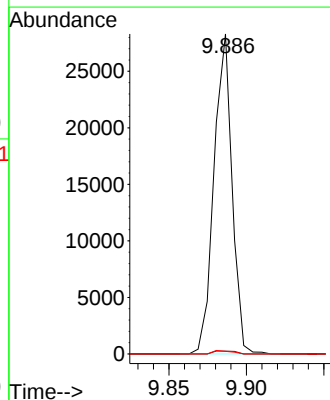
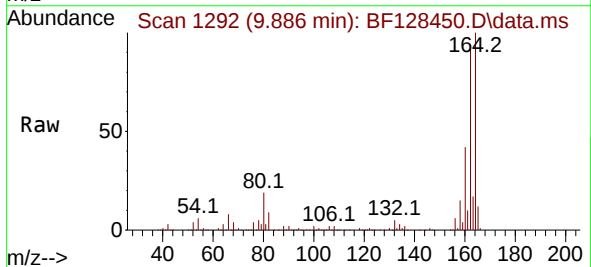
Tgt Ion:165 Resp: 22947

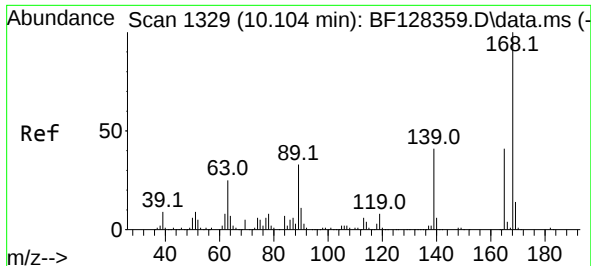
Ion Ratio Lower Upper

165 100

63 0.9 49.5 74.3#

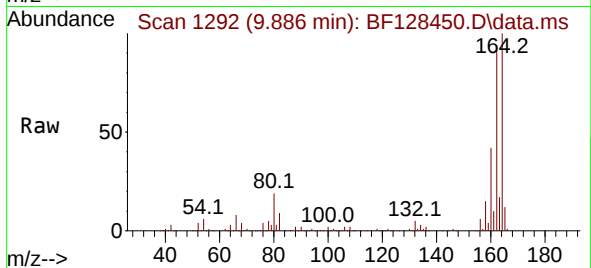
89 0.8 49.0 73.4#



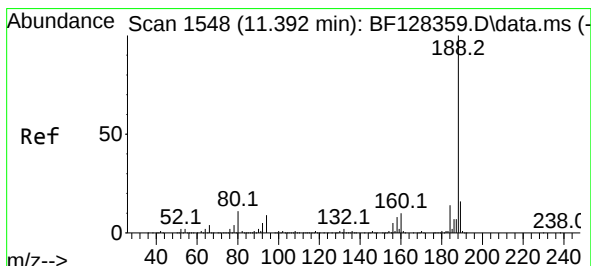
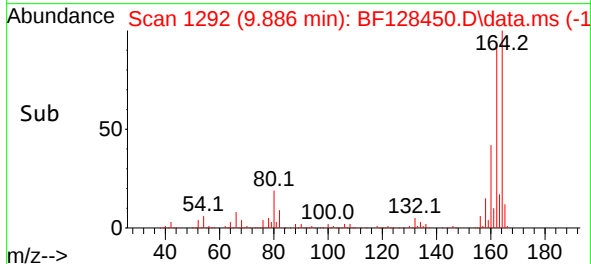
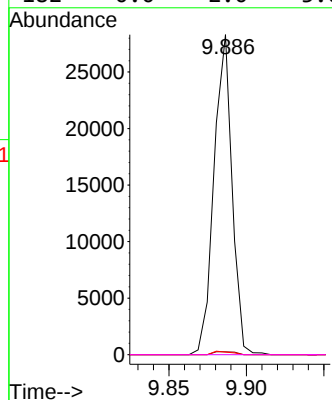


#57
2,4-Dinitrotoluene
Concen: 7.163 ng
RT: 9.886 min Scan# 11
Delta R.T. -0.206 min
Lab File: BF128450.D
Acq: 24 May 2022 22:37

Instrument :
BNA_F
ClientSampleId :
P039-SS001-0006-01

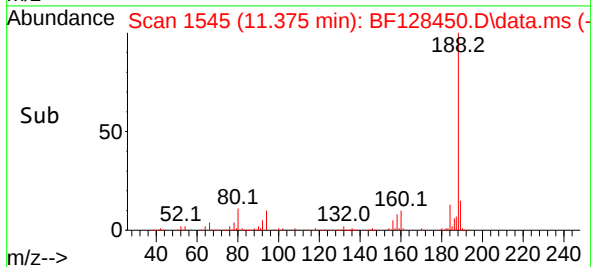
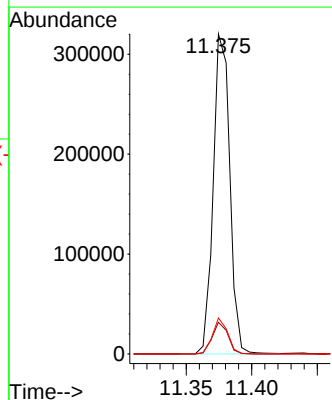
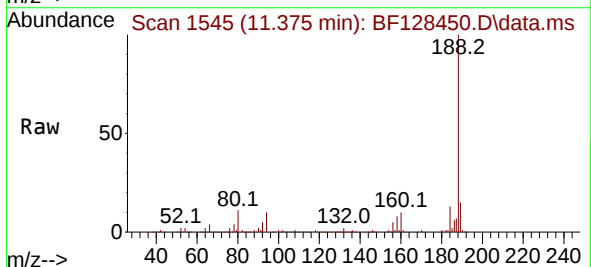


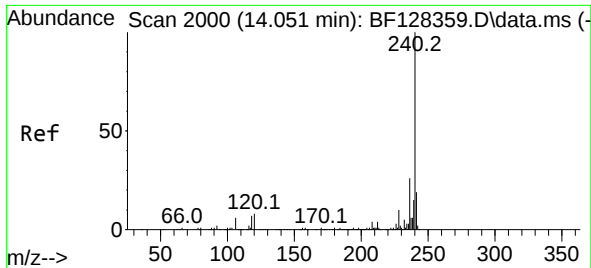
Tgt Ion:165 Resp: 22947
Ion Ratio Lower Upper
165 100
63 0.9 32.6 49.0#
89 0.8 55.2 82.8#
182 0.0 2.0 3.0#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.375 min Scan# 1545
Delta R.T. -0.006 min
Lab File: BF128450.D
Acq: 24 May 2022 22:37

Tgt Ion:188 Resp: 281133
Ion Ratio Lower Upper
188 100
94 9.9 8.0 12.0
80 11.3 8.9 13.3

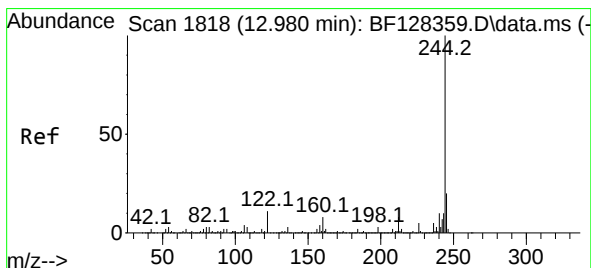
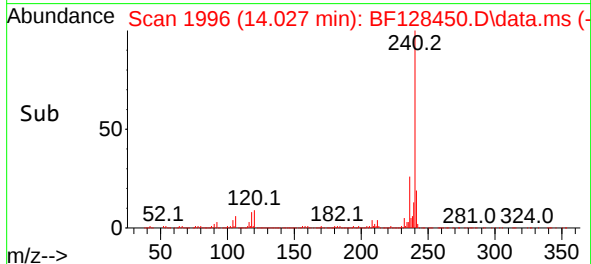
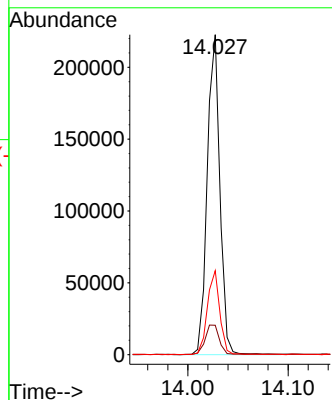
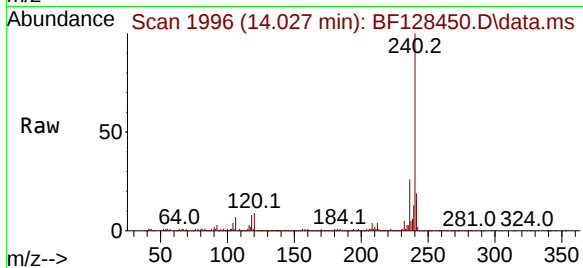




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.027 min Scan# 1996
Delta R.T. -0.006 min
Lab File: BF128450.D
Acq: 24 May 2022 22:37

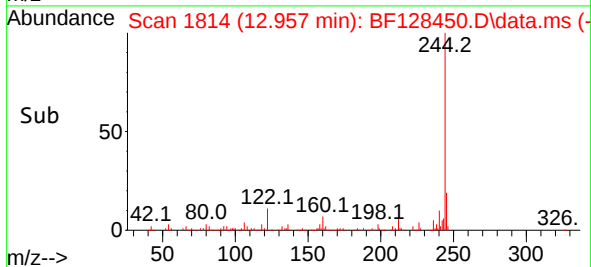
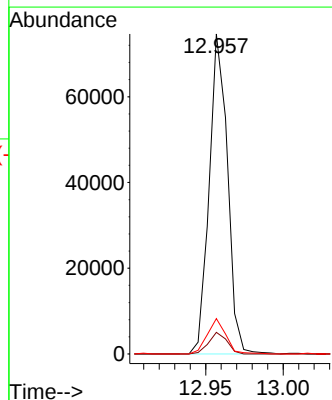
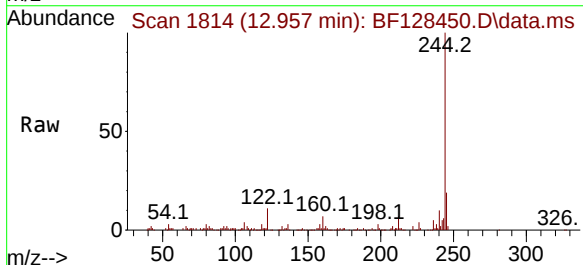
Instrument :
BNA_F
ClientSampleId :
P039-SS001-0006-01

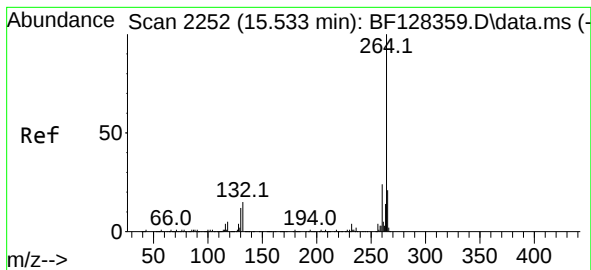
Tgt Ion:240 Resp: 195997
Ion Ratio Lower Upper
240 100
120 9.2 7.0 10.6
236 26.2 20.3 30.5



#79
Terphenyl-d14
Concen: 6.044 ng
RT: 12.957 min Scan# 1814
Delta R.T. -0.006 min
Lab File: BF128450.D
Acq: 24 May 2022 22:37

Tgt Ion:244 Resp: 61367
Ion Ratio Lower Upper
244 100
212 6.8 6.2 9.4
122 11.1 8.6 12.8





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.510 min Scan# 21

Delta R.T. 0.000 min

Lab File: BF128450.D

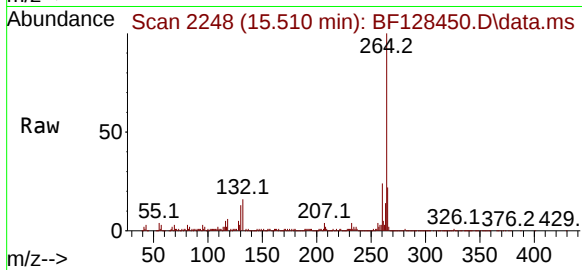
Acq: 24 May 2022 22:37

Instrument :

BNA_F

ClientSampleId :

P039-SS001-0006-01



Tgt Ion:264 Resp: 141749

Ion Ratio Lower Upper

264 100

260 23.6 20.1 30.1

265 21.6 17.5 26.3

