

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052522\
 Data File : BF128468.D
 Acq On : 25 May 2022 19:20
 Operator : CG\JU
 Sample : N2897-07 2X
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P042-SS001-0612-01

Quant Time: May 26 01:01:44 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 12:38:46 2022
 Response via : Initial Calibration

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

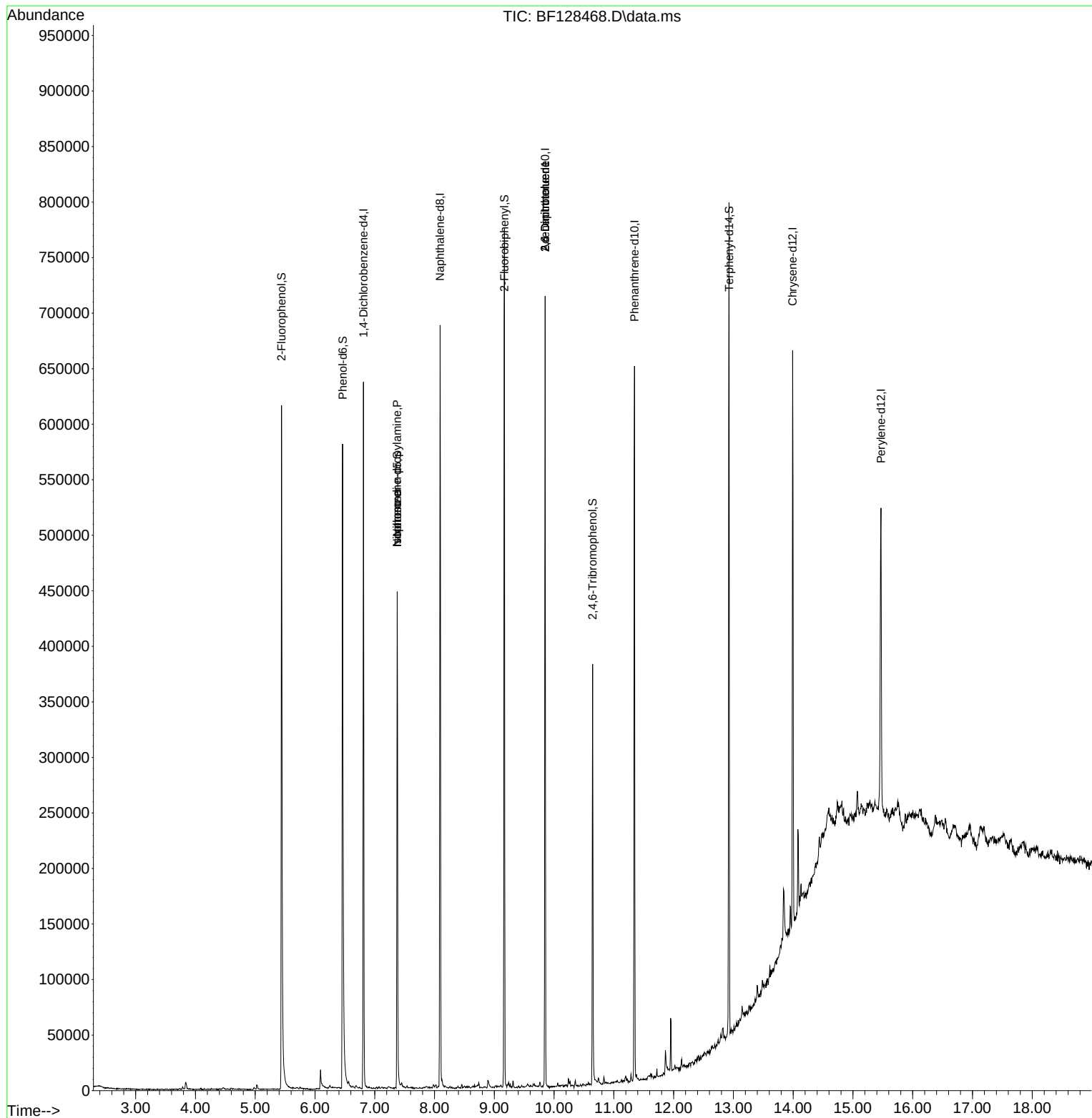
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.810	152	83176	20.000	ng	0.00
21) Naphthalene-d8	8.092	136	277016	20.000	ng	0.00
39) Acenaphthene-d10	9.851	164	129874	20.000	ng	0.00
64) Phenanthrene-d10	11.345	188	227386	20.000	ng	0.00
76) Chrysene-d12	13.992	240	174140	20.000	ng	# 0.00
86) Perylene-d12	15.468	264	125728	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.440	112	185290	35.451	ng	0.00
7) Phenol-d6	6.463	99	226780	32.951	ng	0.00
23) Nitrobenzene-d5	7.375	82	137190	22.189	ng	0.00
42) 2,4,6-Tribromophenol	10.645	330	42304	31.585	ng	0.00
45) 2-Fluorobiphenyl	9.169	172	226318	28.497	ng	0.00
79) Terphenyl-d14	12.927	244	242523	26.885	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.398	77	54	Below Cal	#	3
19) n-Nitroso-di-n-propyla...	7.375	70	17980	4.368 ng	#	80
25) Isophorone	7.375	82	137188	14.479 ng	#	68
51) 2,6-Dinitrotoluene	9.851	165	17283	9.552 ng	#	21
57) 2,4-Dinitrotoluene	9.851	165	17283	7.581 ng	#	25

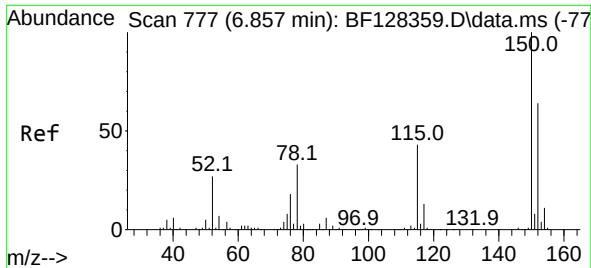
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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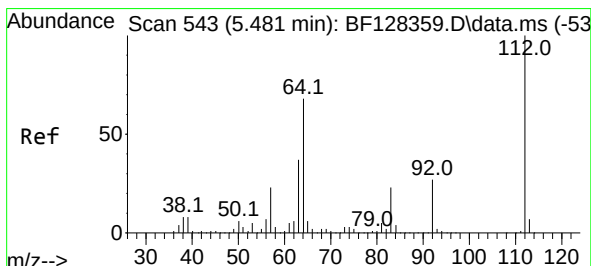
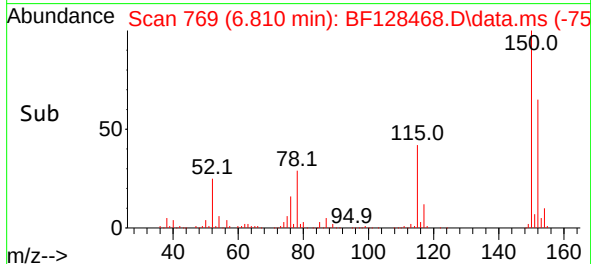
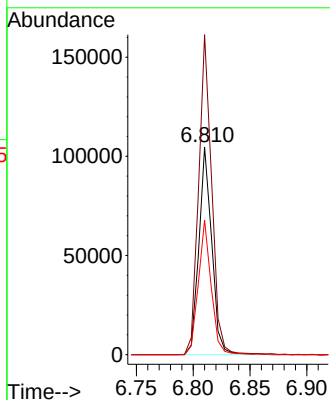
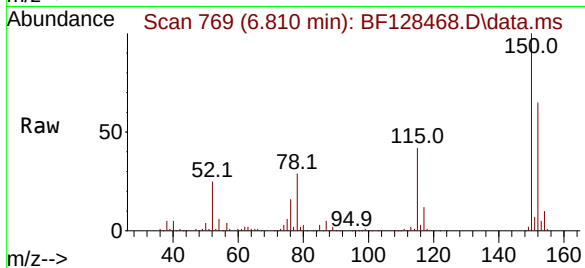




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.810 min Scan# 70
Delta R.T. 0.000 min
Lab File: BF128468.D
Acq: 25 May 2022 19:20

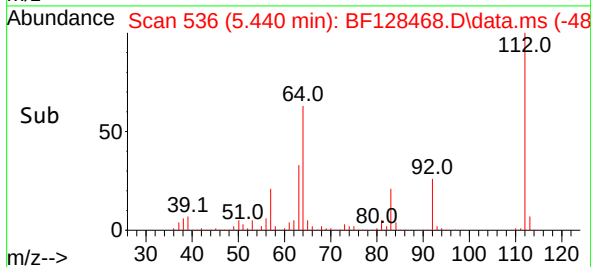
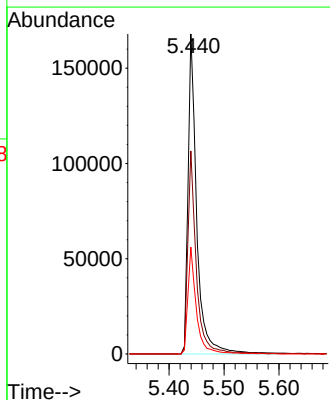
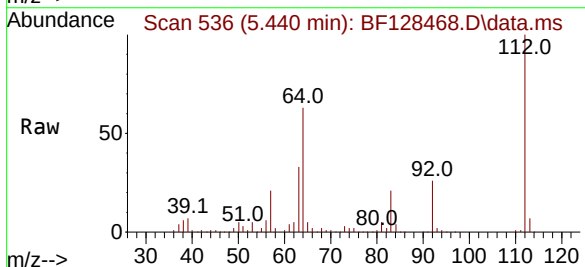
Instrument :
BNA_F
ClientSampleId :
P042-SS001-0612-01

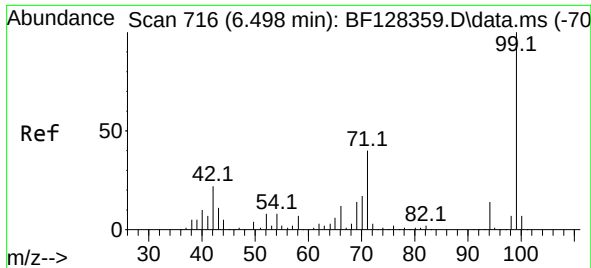
Tgt Ion:152 Resp: 83176
Ion Ratio Lower Upper
152 100
150 154.0 125.3 187.9
115 64.9 48.8 73.2



#5
2-Fluorophenol
Concen: 35.451 ng
RT: 5.440 min Scan# 536
Delta R.T. 0.006 min
Lab File: BF128468.D
Acq: 25 May 2022 19:20

Tgt Ion:112 Resp: 185290
Ion Ratio Lower Upper
112 100
64 63.4 49.5 74.3
63 33.4 26.3 39.5

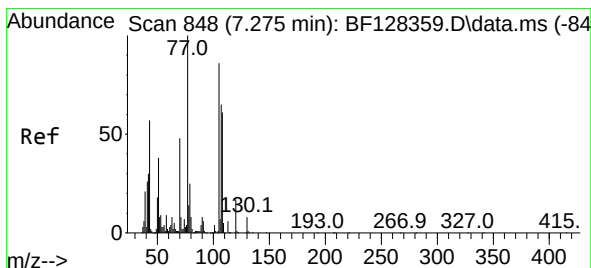
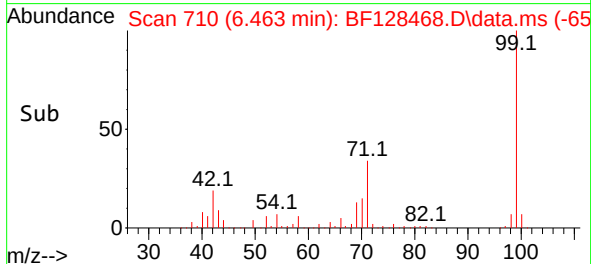
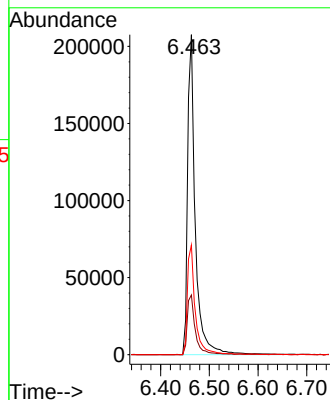
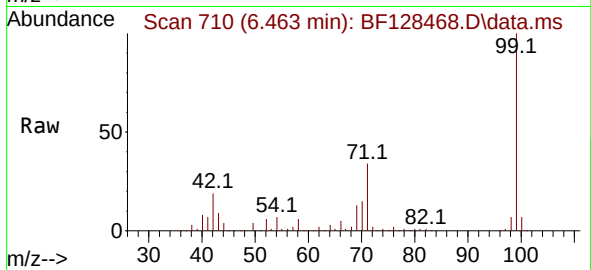




#7
Phenol-d6
Concen: 32.951 ng
RT: 6.463 min Scan# 716
Delta R.T. 0.006 min
Lab File: BF128468.D
Acq: 25 May 2022 19:20

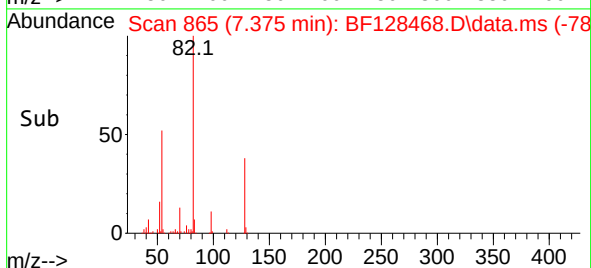
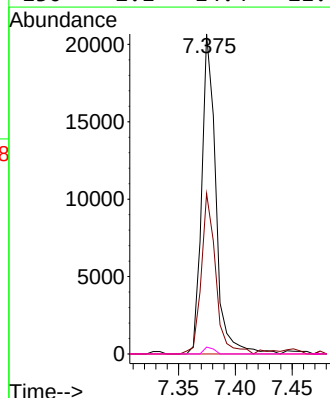
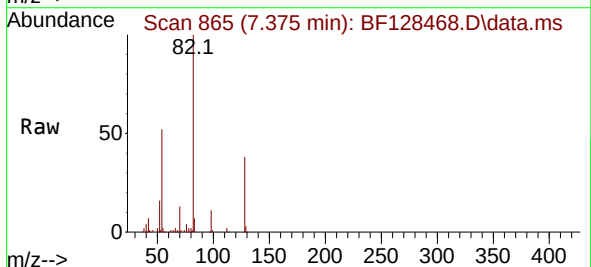
Instrument :
BNA_F
ClientSampleId :
P042-SS001-0612-01

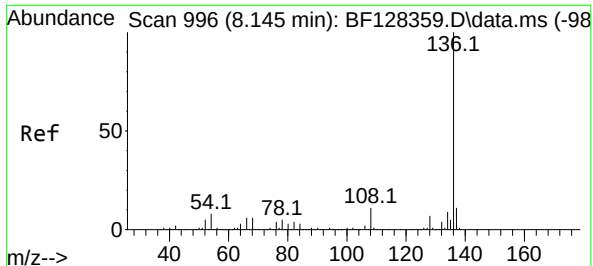
Tgt Ion: 99 Resp: 226780
Ion Ratio Lower Upper
99 100
42 18.7 16.6 24.8
71 34.2 30.0 45.0



#19
n-Nitroso-di-n-propylamine
Concen: 4.368 ng
RT: 7.375 min Scan# 865
Delta R.T. 0.147 min
Lab File: BF128468.D
Acq: 25 May 2022 19:20

Tgt Ion: 70 Resp: 17980
Ion Ratio Lower Upper
70 100
42 50.1 48.7 73.1
101 0.0 7.2 10.8#
130 2.1 14.4 21.6#

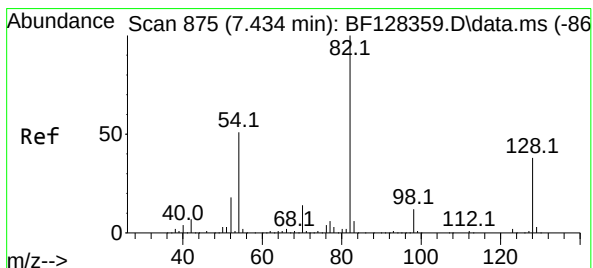
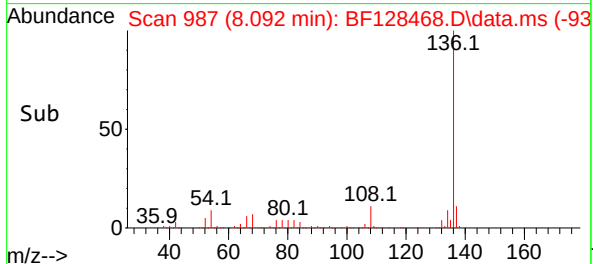
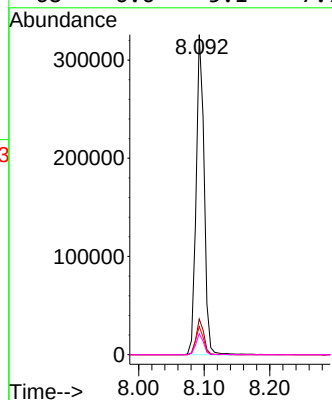
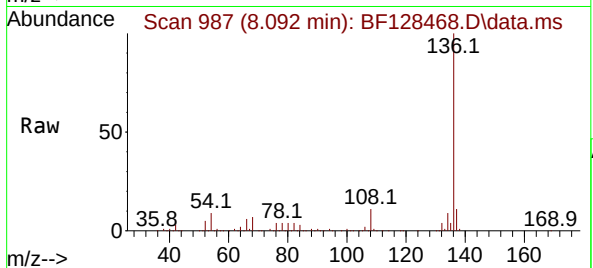




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.092 min Scan# 91
Delta R.T. -0.000 min
Lab File: BF128468.D
Acq: 25 May 2022 19:20

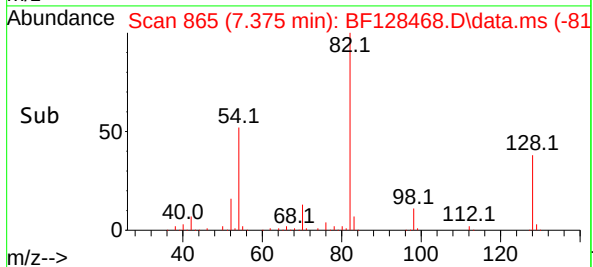
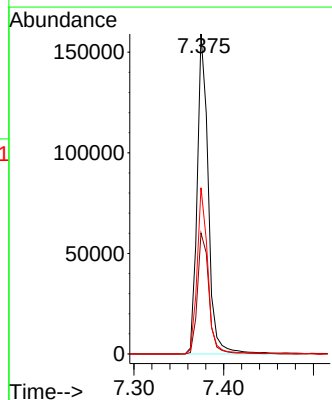
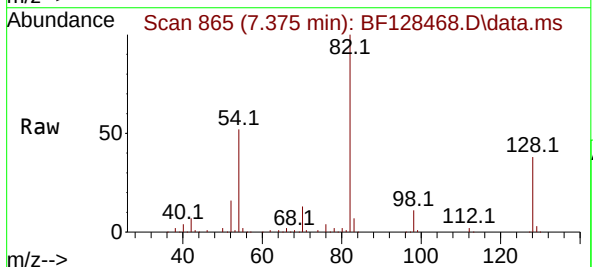
Instrument :
BNA_F
ClientSampleId :
P042-SS001-0612-01

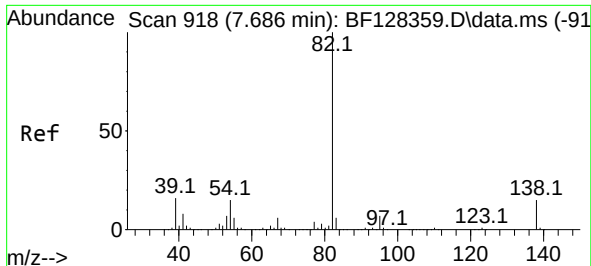
Tgt Ion:136 Resp: 277016
Ion Ratio Lower Upper
136 100
137 11.1 8.6 13.0
54 8.8 6.8 10.2
68 6.6 5.1 7.7



#23
Nitrobenzene-d5
Concen: 22.189 ng
RT: 7.375 min Scan# 865
Delta R.T. -0.006 min
Lab File: BF128468.D
Acq: 25 May 2022 19:20

Tgt Ion: 82 Resp: 137190
Ion Ratio Lower Upper
82 100
128 37.8 30.0 45.0
54 52.0 41.3 61.9

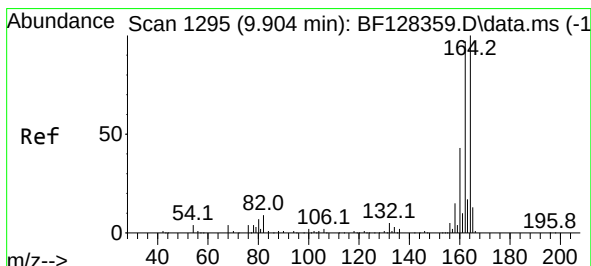
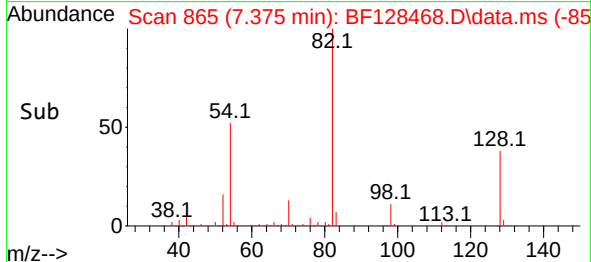
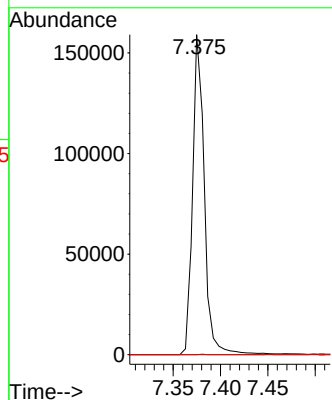
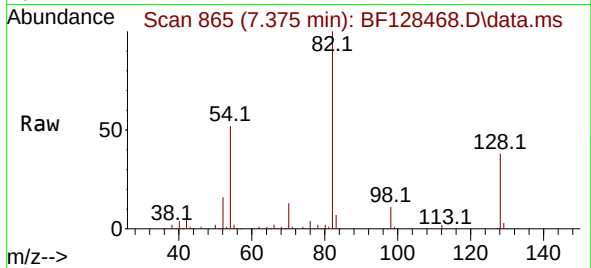




#25
Isophorone
Concen: 14.479 ng
RT: 7.375 min Scan# 80
Delta R.T. -0.265 min
Lab File: BF128468.D
Acq: 25 May 2022 19:20

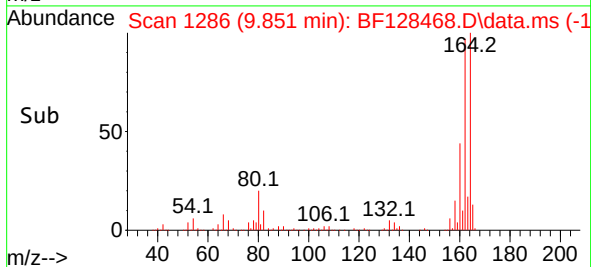
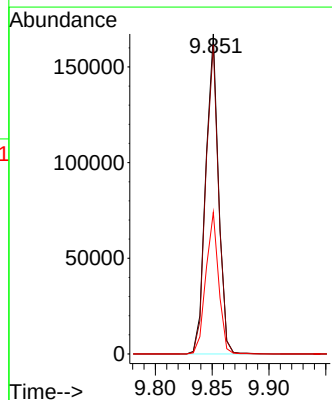
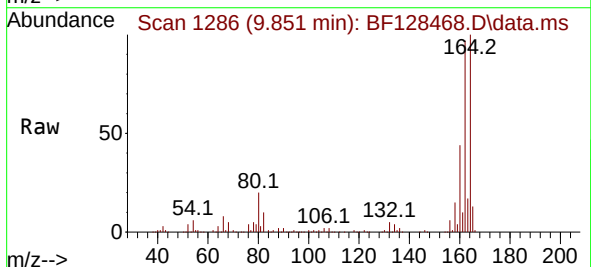
Instrument :
BNA_F
ClientSampleId :
P042-SS001-0612-01

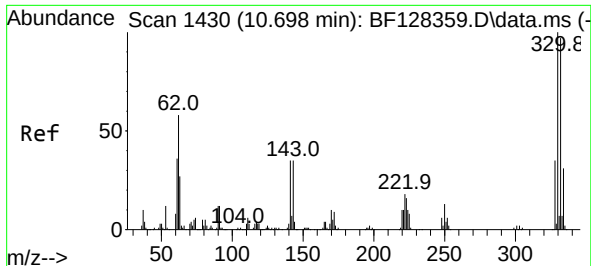
Tgt Ion: 82 Resp: 137188
Ion Ratio Lower Upper
82 100
95 0.0 5.6 8.4#
138 0.0 12.5 18.7#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.851 min Scan# 1286
Delta R.T. -0.000 min
Lab File: BF128468.D
Acq: 25 May 2022 19:20

Tgt Ion:164 Resp: 129874
Ion Ratio Lower Upper
164 100
162 96.6 76.0 114.0
160 44.3 34.8 52.2





#42

2,4,6-Tribromophenol

Concen: 31.585 ng

RT: 10.645 min Scan# 1430

Delta R.T. -0.000 min

Lab File: BF128468.D

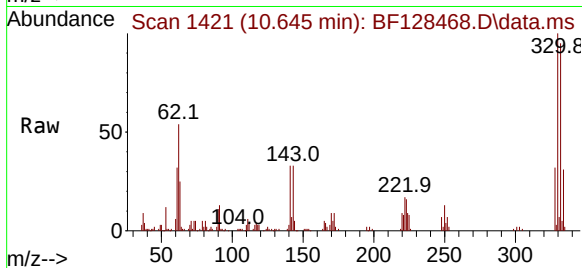
Acq: 25 May 2022 19:20

Instrument :

BNA_F

ClientSampleId :

P042-SS001-0612-01



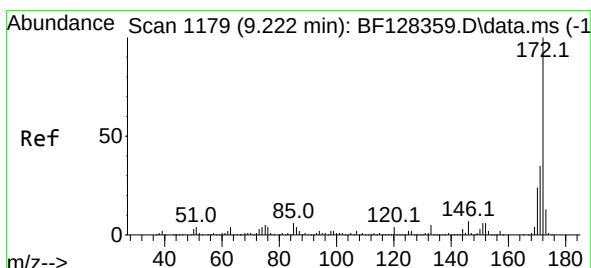
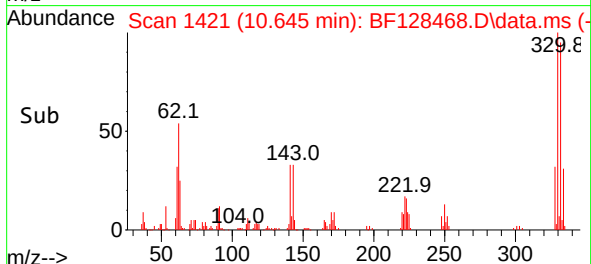
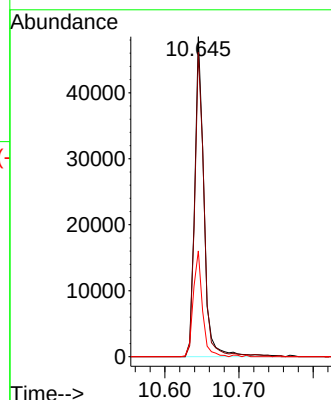
Tgt Ion:330 Resp: 42304

Ion Ratio Lower Upper

330 100

332 95.8 79.0 118.4

141 32.5 28.9 43.3



#45

2-Fluorobiphenyl

Concen: 28.497 ng

RT: 9.169 min Scan# 1170

Delta R.T. -0.000 min

Lab File: BF128468.D

Acq: 25 May 2022 19:20

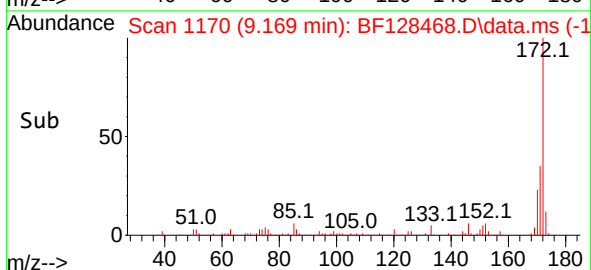
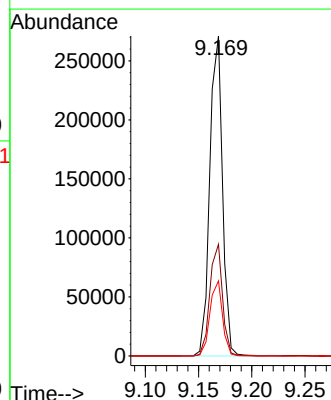
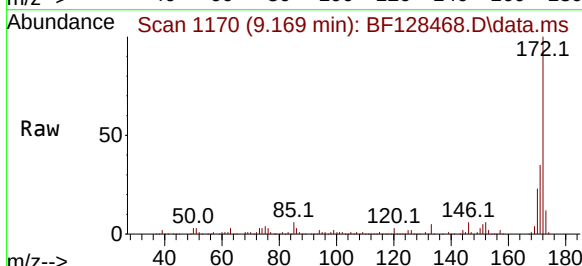
Tgt Ion:172 Resp: 226318

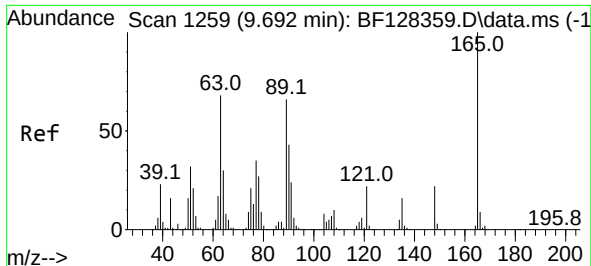
Ion Ratio Lower Upper

172 100

171 34.9 28.6 42.8

170 23.4 19.1 28.7

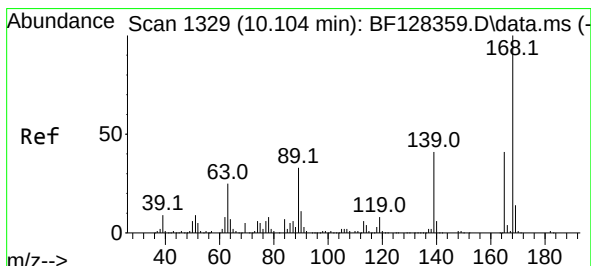
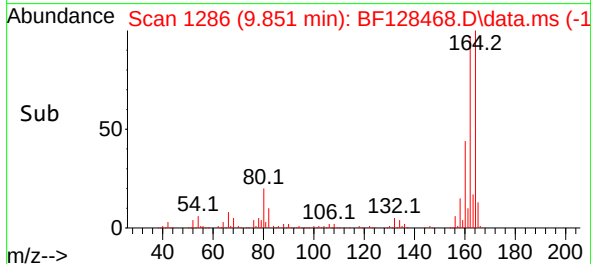
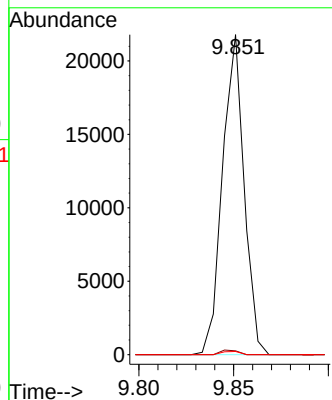
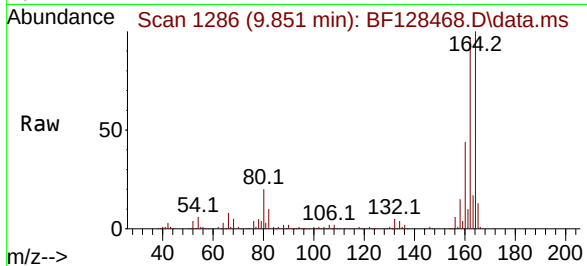




#51
2,6-Dinitrotoluene
Concen: 9.552 ng
RT: 9.851 min Scan# 1286
Delta R.T. 0.206 min
Lab File: BF128468.D
Acq: 25 May 2022 19:20

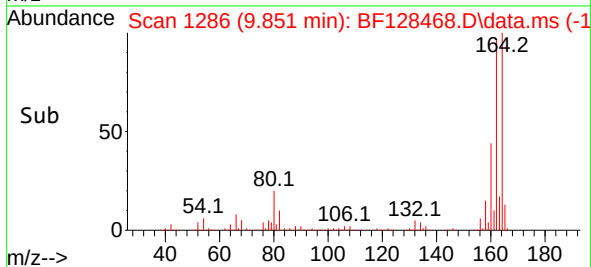
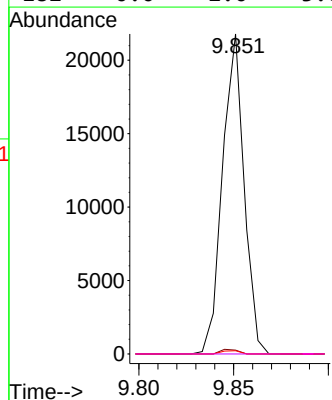
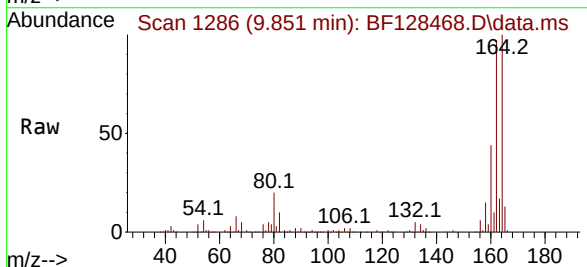
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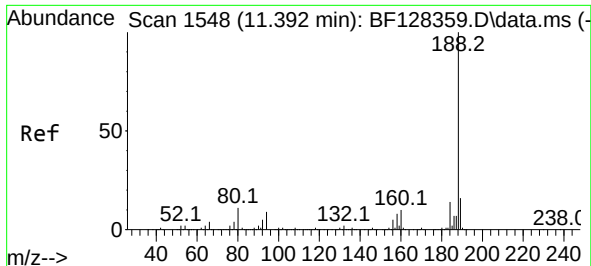
Tgt Ion:165 Resp: 17283
Ion Ratio Lower Upper
165 100
63 1.2 49.5 74.3#
89 1.0 49.0 73.4#



#57
2,4-Dinitrotoluene
Concen: 7.581 ng
RT: 9.851 min Scan# 1286
Delta R.T. -0.200 min
Lab File: BF128468.D
Acq: 25 May 2022 19:20

Tgt Ion:165 Resp: 17283
Ion Ratio Lower Upper
165 100
63 1.2 32.6 49.0#
89 1.0 55.2 82.8#
182 0.0 2.0 3.0#

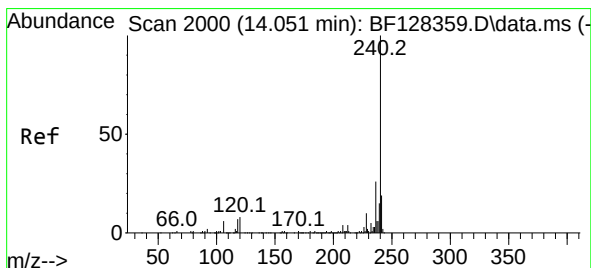
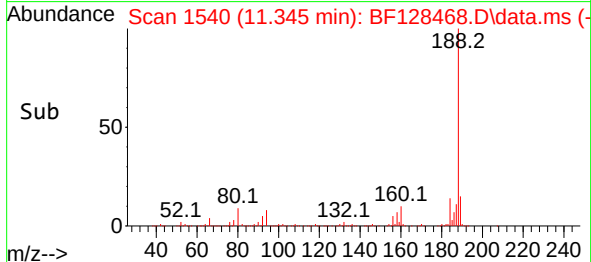
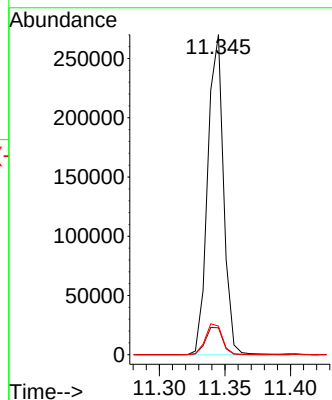
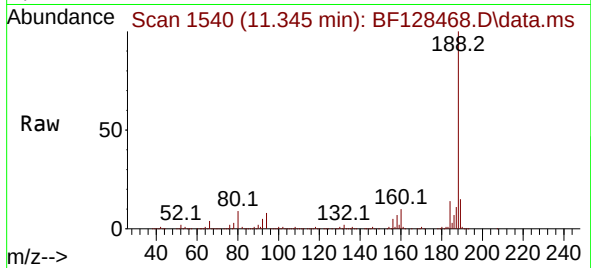




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.345 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF128468.D
Acq: 25 May 2022 19:20

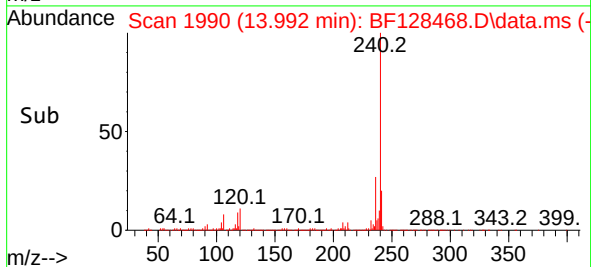
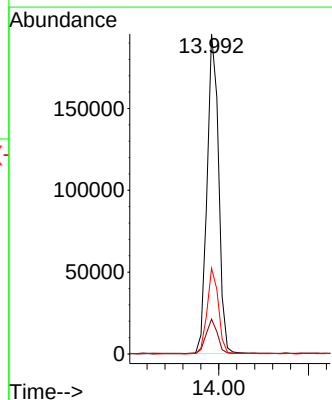
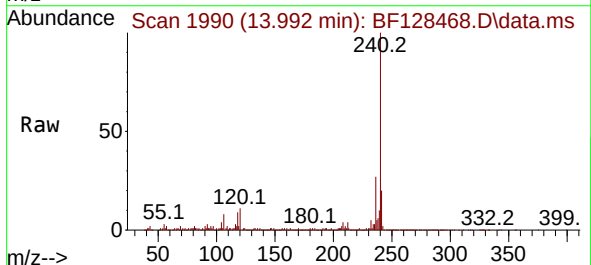
Instrument :
BNA_F
ClientSampleId :
P042-SS001-0612-01

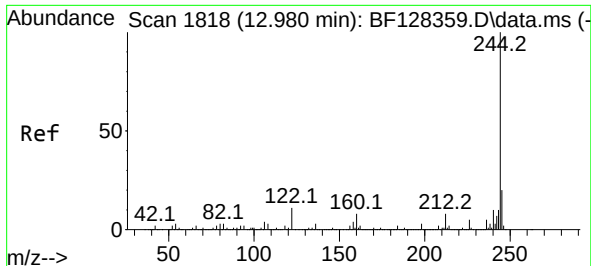
Tgt Ion:188 Resp: 227386
Ion Ratio Lower Upper
188 100
94 8.4 8.0 12.0
80 9.0 8.9 13.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.992 min Scan# 1990
Delta R.T. -0.000 min
Lab File: BF128468.D
Acq: 25 May 2022 19:20

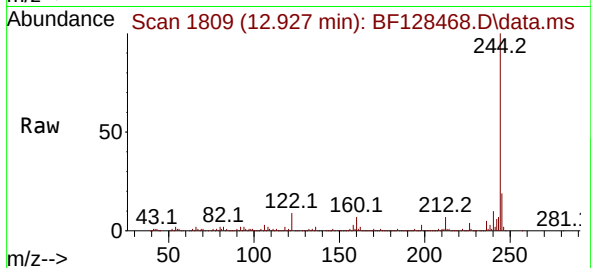
Tgt Ion:240 Resp: 174140
Ion Ratio Lower Upper
240 100
120 10.9 7.0 10.6#
236 26.8 20.3 30.5



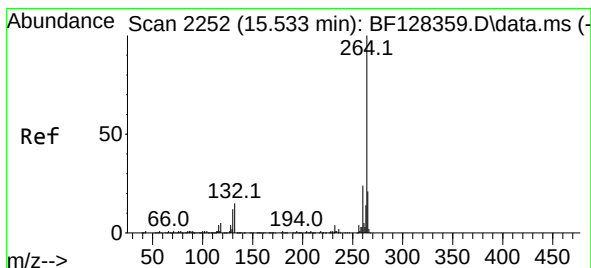
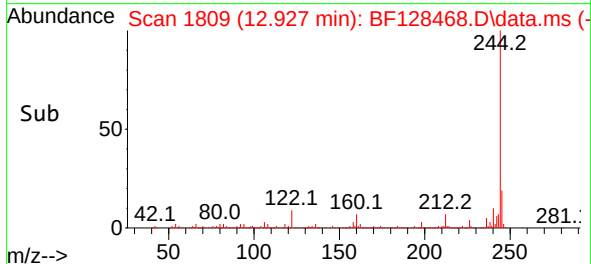
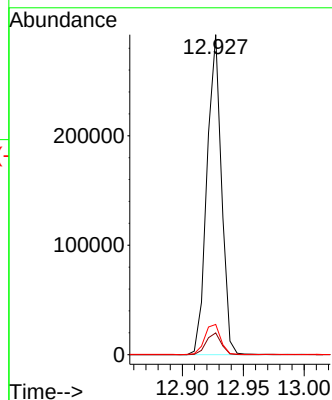


#79
 Terphenyl-d14
 Concen: 26.885 ng
 RT: 12.927 min Scan# 1809
 Delta R.T. -0.000 min
 Lab File: BF128468.D
 Acq: 25 May 2022 19:20

Instrument :
 BNA_F
 ClientSampleId :
 P042-SS001-0612-01



Tgt Ion:244 Resp: 242523
 Ion Ratio Lower Upper
 244 100
 212 6.8 6.2 9.4
 122 9.4 8.6 12.8



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.468 min Scan# 2241
 Delta R.T. 0.012 min
 Lab File: BF128468.D
 Acq: 25 May 2022 19:20

Tgt Ion:264 Resp: 125728
 Ion Ratio Lower Upper
 264 100
 260 23.2 20.1 30.1
 265 21.6 17.5 26.3

