

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052422\
 Data File : BF128451.D
 Acq On : 24 May 2022 23:06
 Operator : CG\JU
 Sample : N2896-17 2X
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P040-SS001-0006-01

Quant Time: May 25 03:57:07 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)

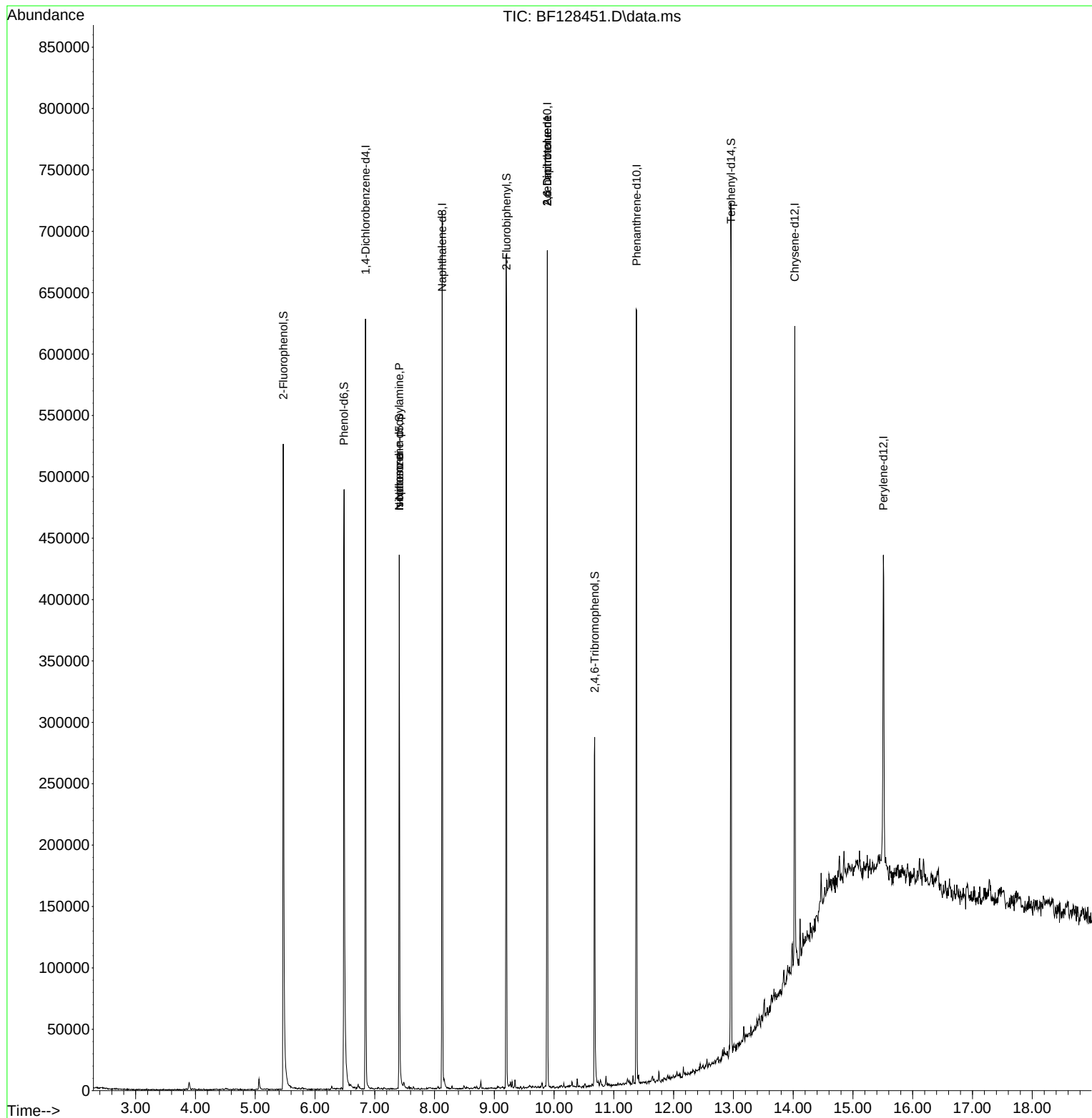
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.845	152	80843	20.000	ng	0.00
21) Naphthalene-d8	8.127	136	273946	20.000	ng	0.00
39) Acenaphthene-d10	9.886	164	128182	20.000	ng	0.00
64) Phenanthrene-d10	11.380	188	242984	20.000	ng	0.00
76) Chrysene-d12	14.027	240	169820	20.000	ng	0.00
86) Perylene-d12	15.509	264	119993	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	160660	31.625	ng	0.00
7) Phenol-d6	6.486	99	195409	29.212	ng	0.00
23) Nitrobenzene-d5	7.410	82	128147	20.959	ng	-0.01
42) 2,4,6-Tribromophenol	10.680	330	35772	27.060	ng	0.00
45) 2-Fluorobiphenyl	9.204	172	200471	25.576	ng	0.00
79) Terphenyl-d14	12.962	244	233500	26.543	ng	0.00
Target Compounds						
					Qvalue	
9) Benzaldehyde	6.486	77	267	Below Cal	#	3
19) n-Nitroso-di-n-propyla...	7.410	70	16499	4.124 ng	#	80
25) Isophorone	7.410	82	128145	13.676 ng	#	68
51) 2,6-Dinitrotoluene	9.886	165	16155	9.046 ng	#	21
57) 2,4-Dinitrotoluene	9.886	165	16155	7.180 ng	#	25

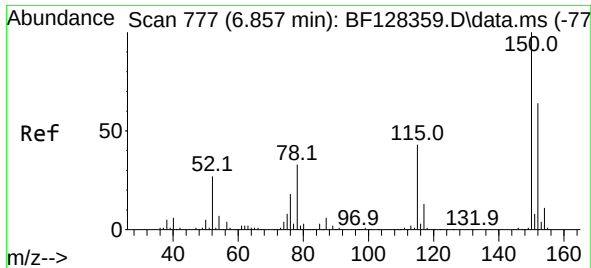
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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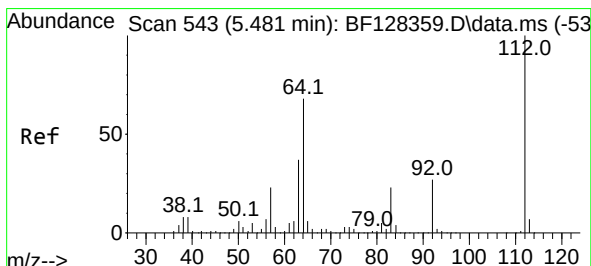
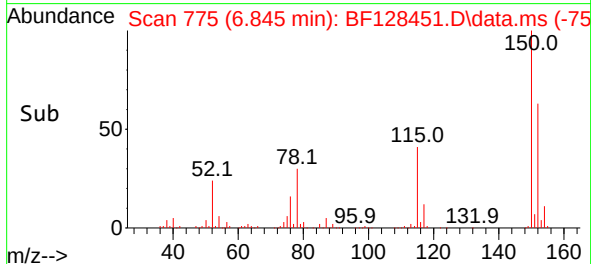
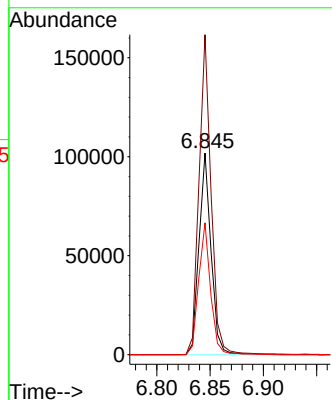
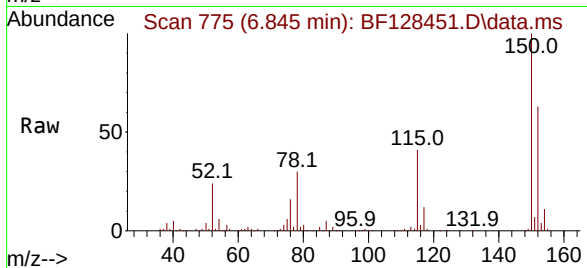




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.845 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF128451.D
Acq: 24 May 2022 23:06

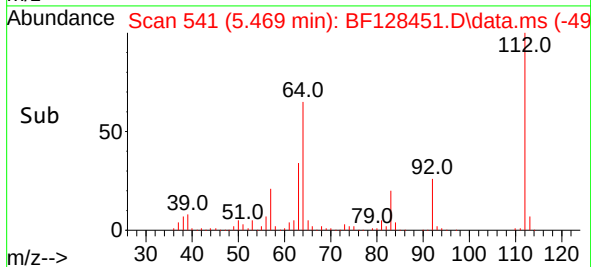
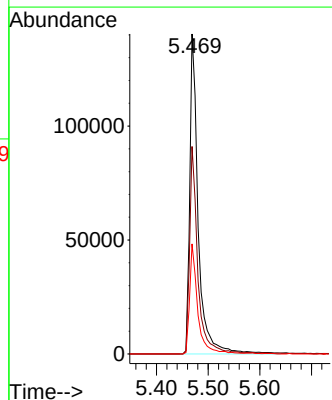
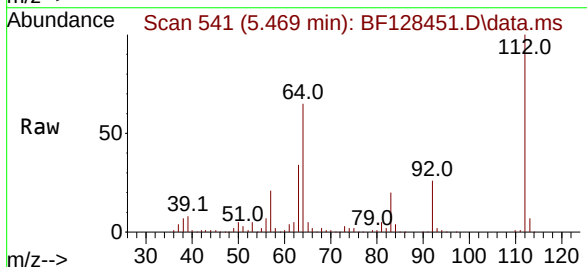
Instrument :
BNA_F
ClientSampleId :
P040-SS001-0006-01

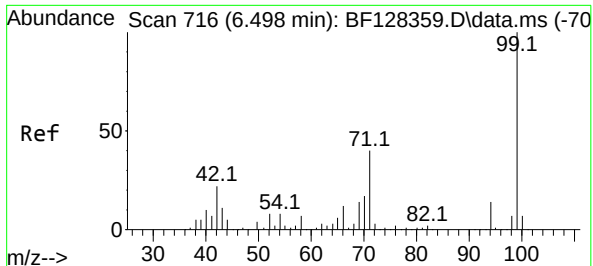
Tgt Ion:152 Resp: 80843
Ion Ratio Lower Upper
152 100
150 158.8 125.3 187.9
115 65.4 48.8 73.2



#5
2-Fluorophenol
Concen: 31.625 ng
RT: 5.469 min Scan# 541
Delta R.T. -0.000 min
Lab File: BF128451.D
Acq: 24 May 2022 23:06

Tgt Ion:112 Resp: 160660
Ion Ratio Lower Upper
112 100
64 64.8 49.5 74.3
63 34.4 26.3 39.5

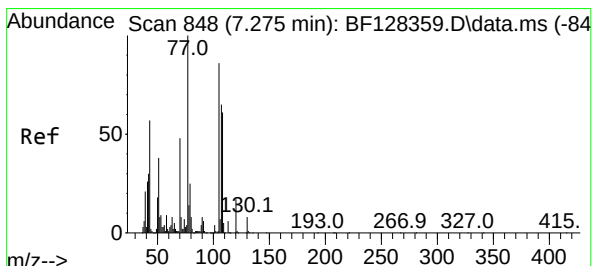
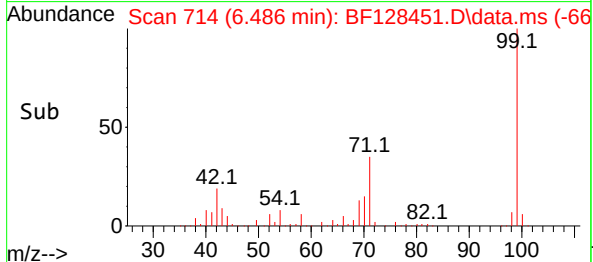
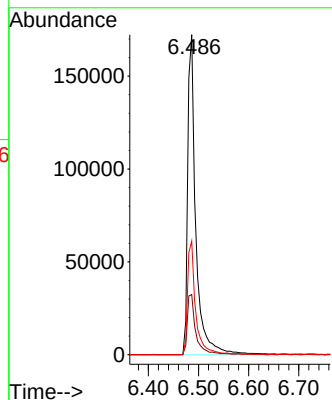
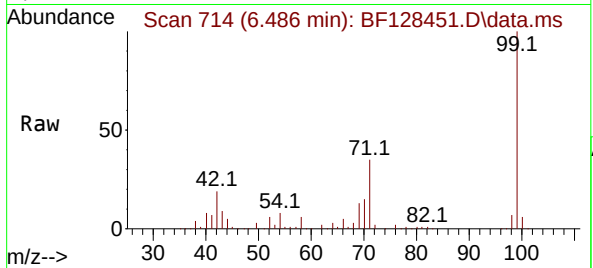




#7
Phenol-d6
Concen: 29.212 ng
RT: 6.486 min Scan# 716
Delta R.T. -0.006 min
Lab File: BF128451.D
Acq: 24 May 2022 23:06

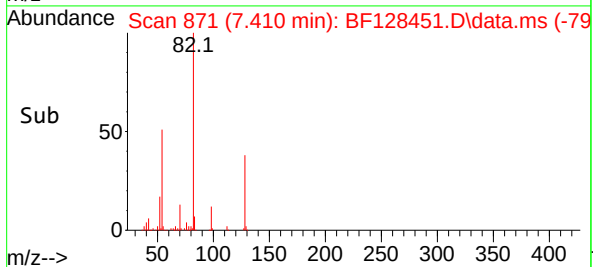
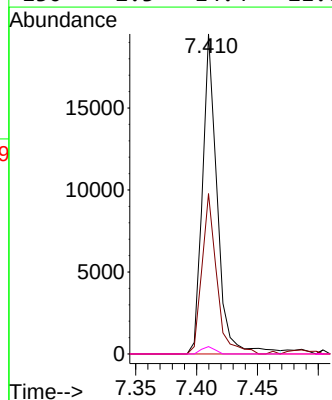
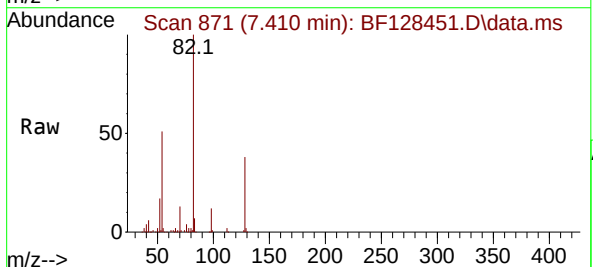
Instrument :
BNA_F
ClientSampleId :
P040-SS001-0006-01

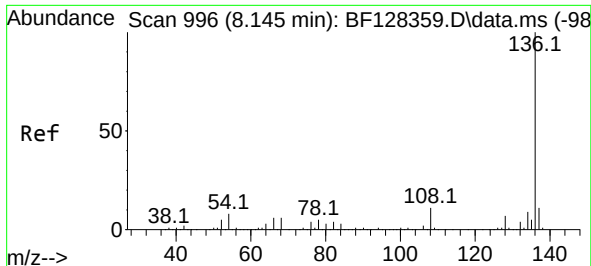
Tgt Ion: 99 Resp: 195409
Ion Ratio Lower Upper
99 100
42 18.8 16.6 24.8
71 35.5 30.0 45.0



#19
n-Nitroso-di-n-propylamine
Concen: 4.124 ng
RT: 7.410 min Scan# 871
Delta R.T. 0.147 min
Lab File: BF128451.D
Acq: 24 May 2022 23:06

Tgt Ion: 70 Resp: 16499
Ion Ratio Lower Upper
70 100
42 50.1 48.7 73.1
101 0.0 7.2 10.8#
130 2.3 14.4 21.6#

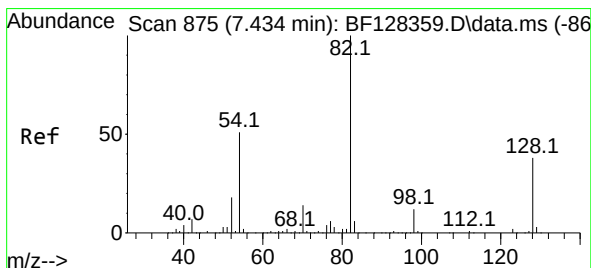
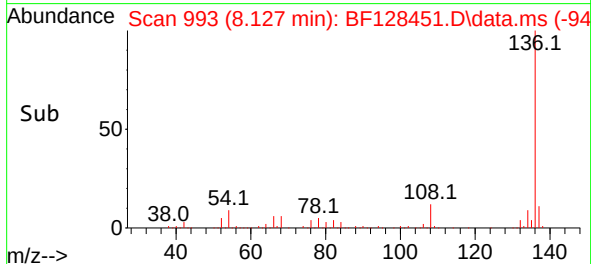
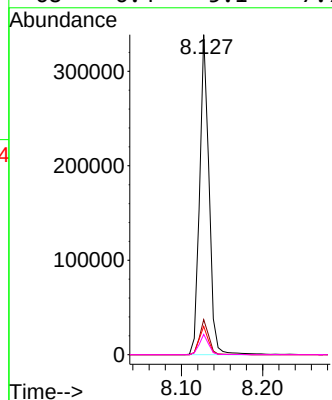
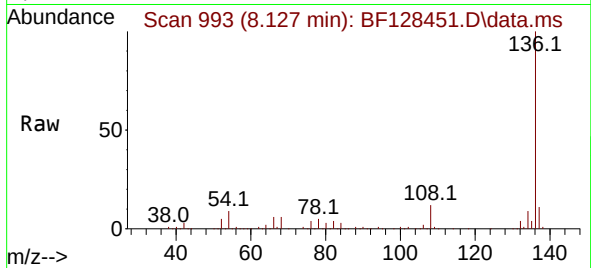




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.127 min Scan# 91
Delta R.T. -0.000 min
Lab File: BF128451.D
Acq: 24 May 2022 23:06

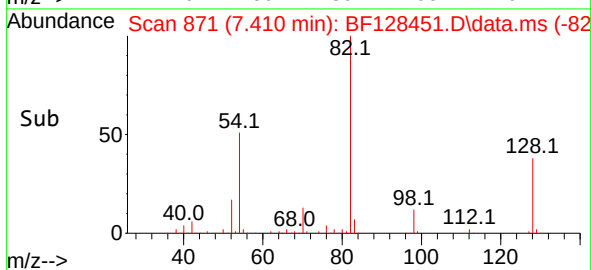
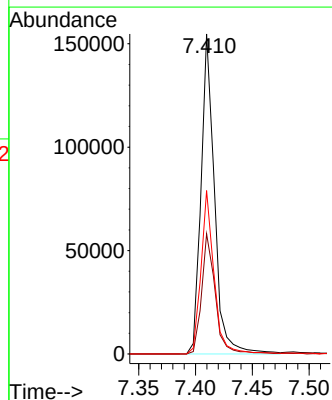
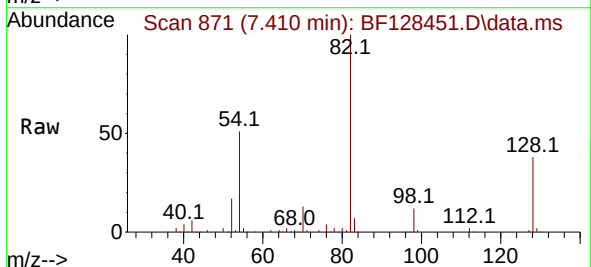
Instrument :
BNA_F
ClientSampleId :
P040-SS001-0006-01

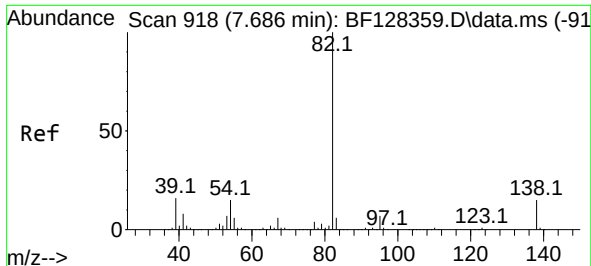
Tgt Ion:	136	Resp:	273946
Ion Ratio	Lower	Upper	
136	100		
137	11.0	8.6	13.0
54	8.8	6.8	10.2
68	6.4	5.1	7.7



#23
Nitrobenzene-d5
Concen: 20.959 ng
RT: 7.410 min Scan# 871
Delta R.T. -0.012 min
Lab File: BF128451.D
Acq: 24 May 2022 23:06

Tgt Ion:	82	Resp:	128147
Ion Ratio	Lower	Upper	
82	100		
128	37.6	30.0	45.0
54	51.1	41.3	61.9

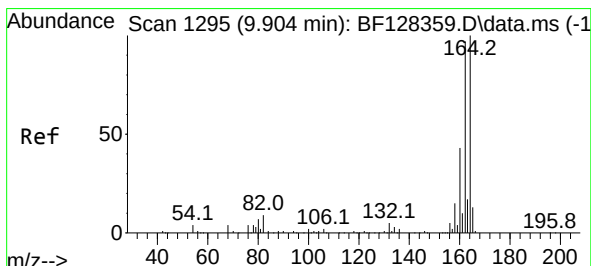
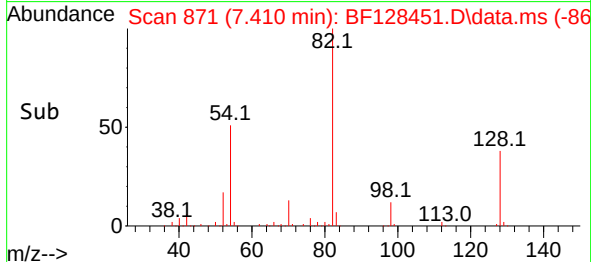
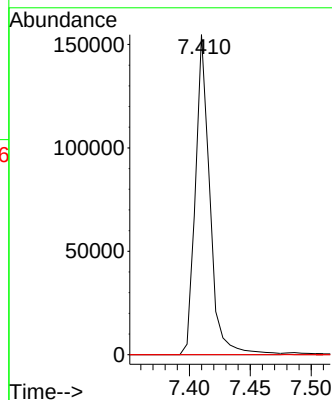
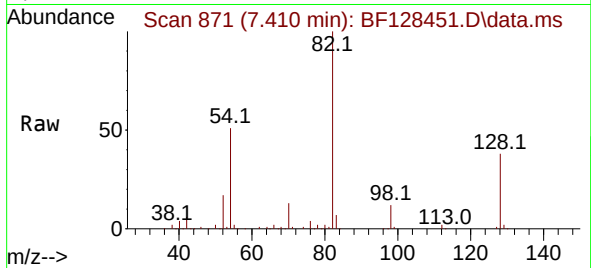




#25
Isophorone
Concen: 13.676 ng
RT: 7.410 min Scan# 81
Delta R.T. -0.265 min
Lab File: BF128451.D
Acq: 24 May 2022 23:06

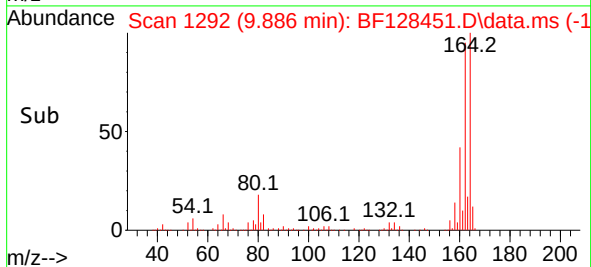
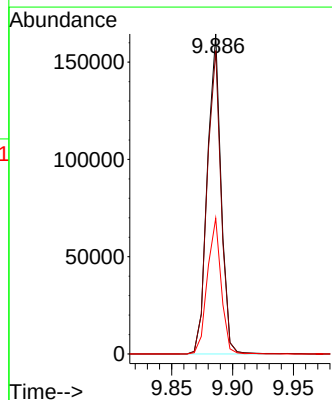
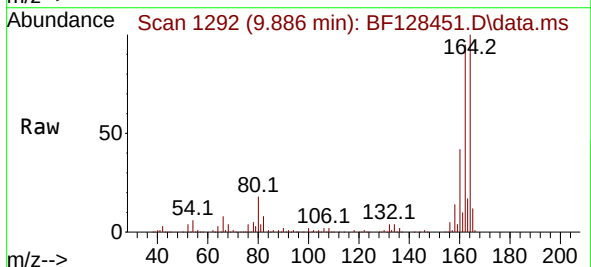
Instrument :
BNA_F
ClientSampleId :
P040-SS001-0006-01

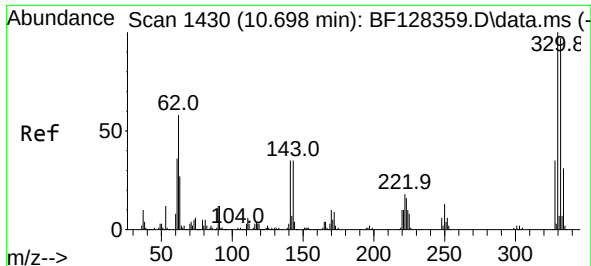
Tgt Ion: 82 Resp: 128145
Ion Ratio Lower Upper
82 100
95 0.0 5.6 8.4#
138 0.0 12.5 18.7#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.886 min Scan# 1292
Delta R.T. -0.000 min
Lab File: BF128451.D
Acq: 24 May 2022 23:06

Tgt Ion:164 Resp: 128182
Ion Ratio Lower Upper
164 100
162 94.8 76.0 114.0
160 42.4 34.8 52.2





#42

2,4,6-Tribromophenol

Concen: 27.060 ng

RT: 10.680 min Scan# 1430

Delta R.T. -0.006 min

Lab File: BF128451.D

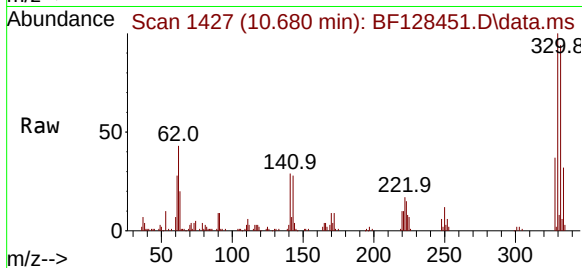
Acq: 24 May 2022 23:06

Instrument :

BNA_F

ClientSampleId :

P040-SS001-0006-01



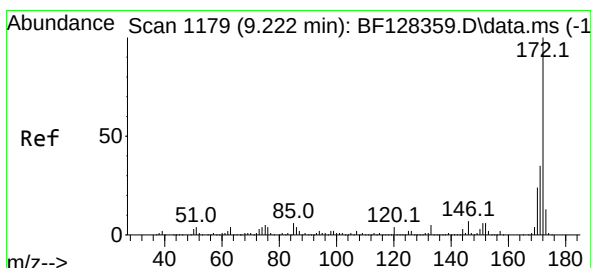
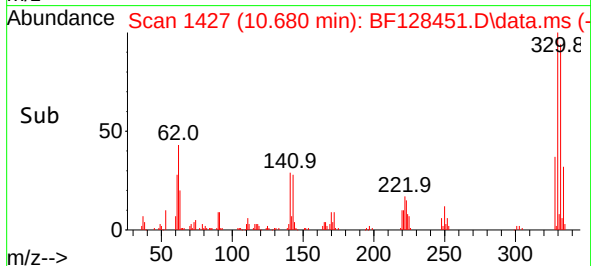
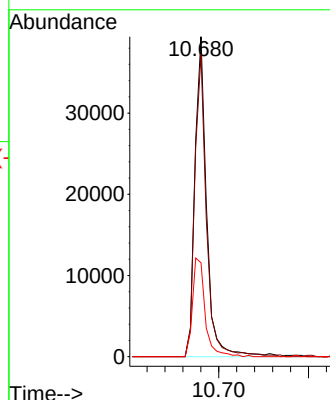
Tgt Ion:330 Resp: 35772

Ion Ratio Lower Upper

330 100

332 94.4 79.0 118.4

141 33.2 28.9 43.3



#45

2-Fluorobiphenyl

Concen: 25.576 ng

RT: 9.204 min Scan# 1176

Delta R.T. -0.000 min

Lab File: BF128451.D

Acq: 24 May 2022 23:06

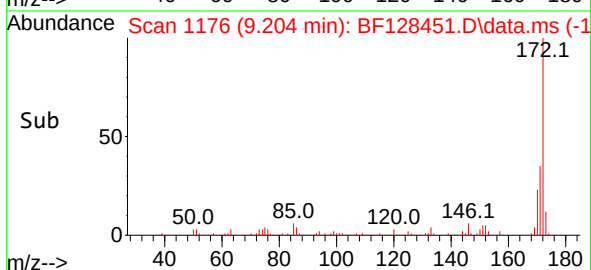
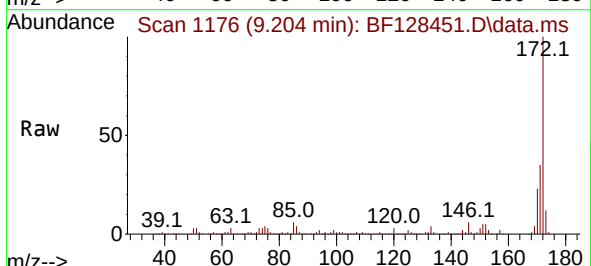
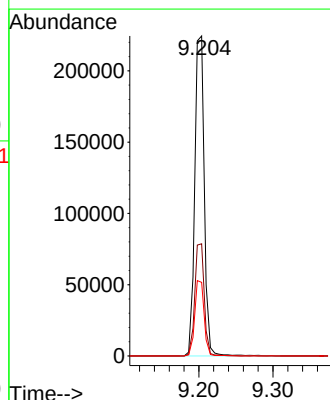
Tgt Ion:172 Resp: 200471

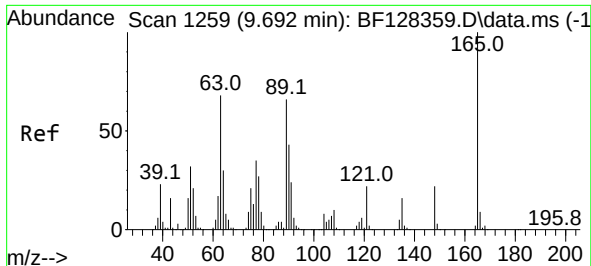
Ion Ratio Lower Upper

172 100

171 35.1 28.6 42.8

170 23.0 19.1 28.7





#51

2,6-Dinitrotoluene

Concen: 9.046 ng

RT: 9.886 min Scan# 11

Delta R.T. 0.206 min

Lab File: BF128451.D

Acq: 24 May 2022 23:06

Instrument :

BNA_F

ClientSampleId :

P040-SS001-0006-01

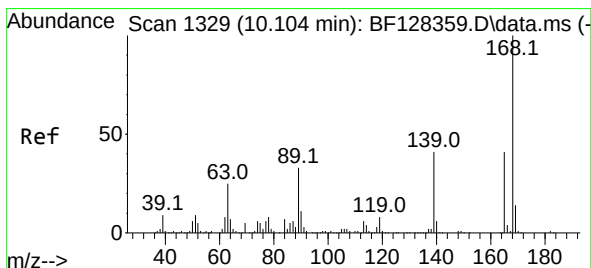
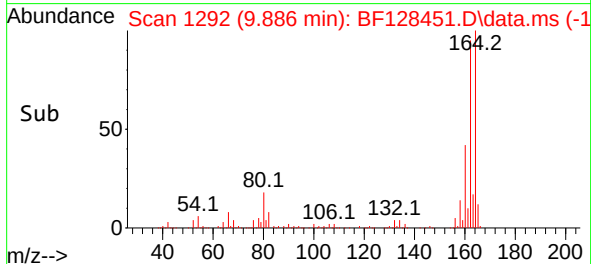
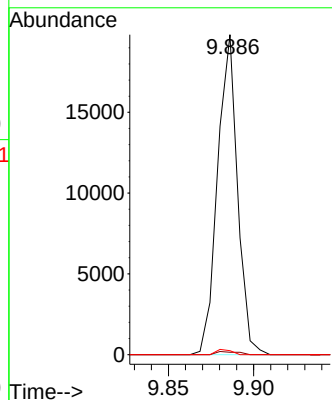
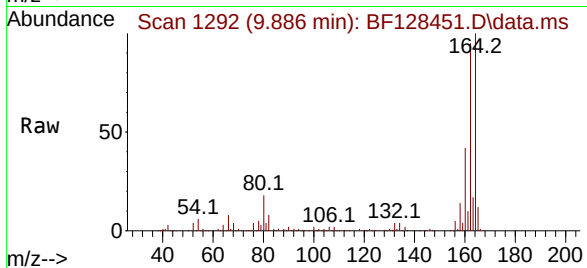
Tgt Ion:165 Resp: 16155

Ion Ratio Lower Upper

165 100

63 0.8 49.5 74.3#

89 1.3 49.0 73.4#



#57

2,4-Dinitrotoluene

Concen: 7.180 ng

RT: 9.886 min Scan# 1292

Delta R.T. -0.206 min

Lab File: BF128451.D

Acq: 24 May 2022 23:06

Tgt Ion:165 Resp: 16155

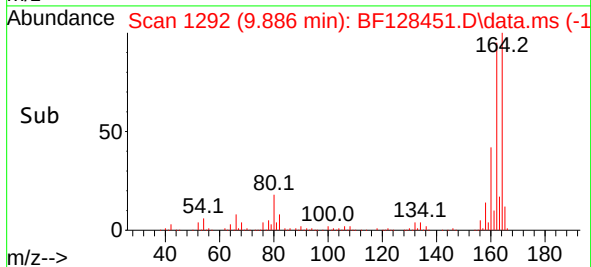
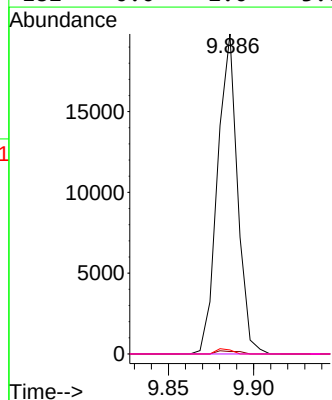
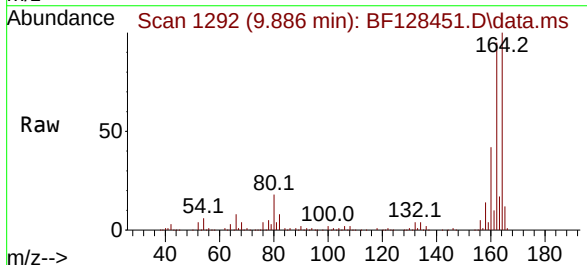
Ion Ratio Lower Upper

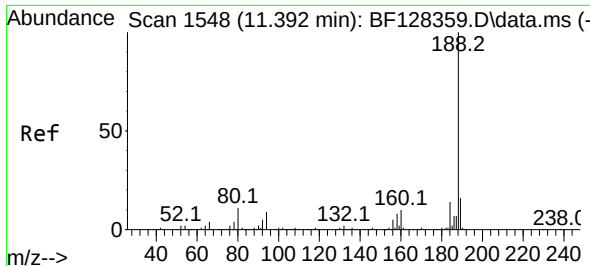
165 100

63 0.8 32.6 49.0#

89 1.3 55.2 82.8#

182 0.0 2.0 3.0#

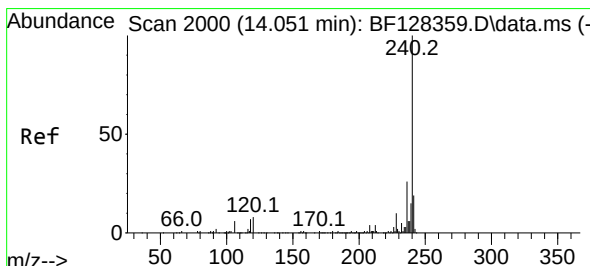
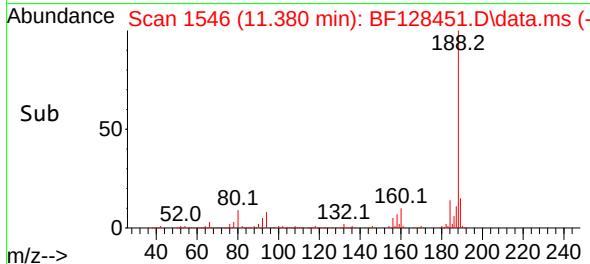
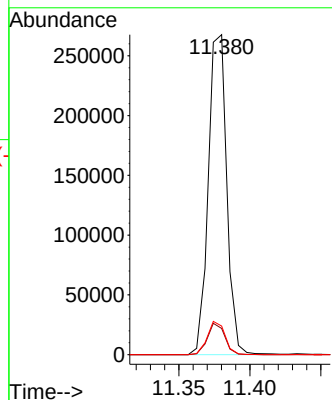
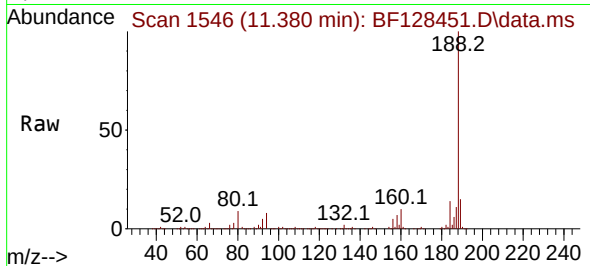




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.380 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF128451.D
Acq: 24 May 2022 23:06

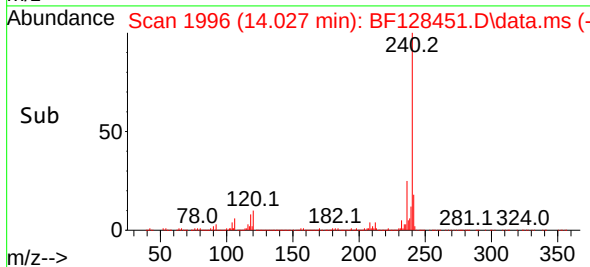
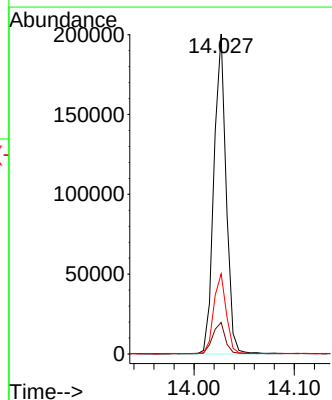
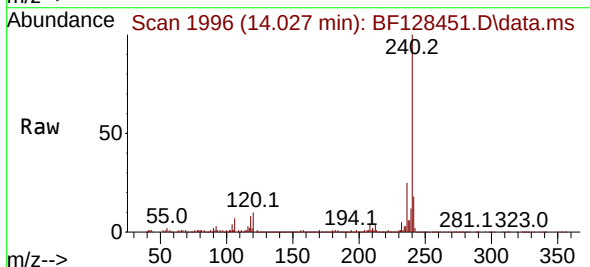
Instrument :
BNA_F
ClientSampleId :
P040-SS001-0006-01

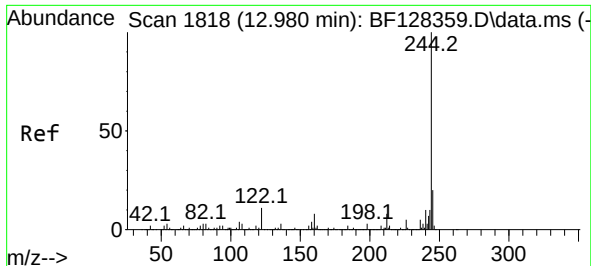
Tgt Ion:188 Resp: 242984
Ion Ratio Lower Upper
188 100
94 8.2 8.0 12.0
80 9.0 8.9 13.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.027 min Scan# 1996
Delta R.T. -0.006 min
Lab File: BF128451.D
Acq: 24 May 2022 23:06

Tgt Ion:240 Resp: 169820
Ion Ratio Lower Upper
240 100
120 9.9 7.0 10.6
236 25.1 20.3 30.5

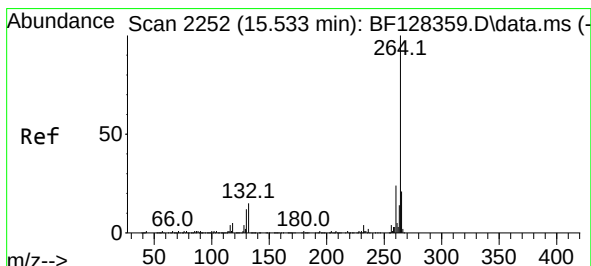
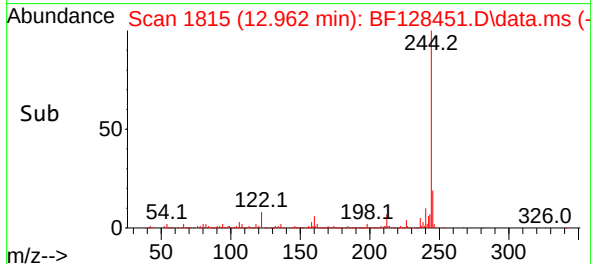
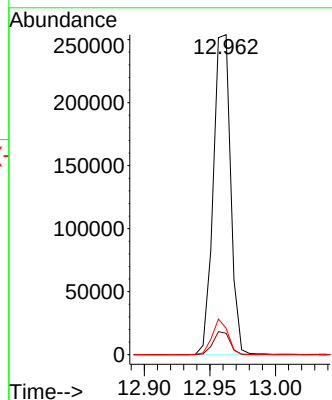
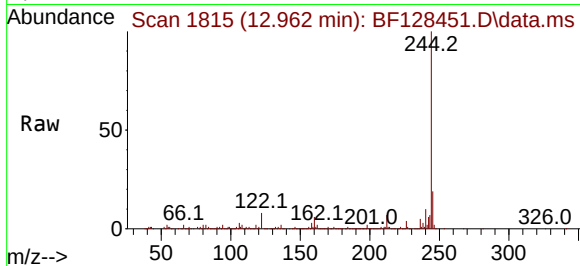




#79
 Terphenyl-d14
 Concen: 26.543 ng
 RT: 12.962 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: BF128451.D
 Acq: 24 May 2022 23:06

Instrument :
 BNA_F
 ClientSampleId :
 P040-SS001-0006-01

Tgt Ion:244 Resp: 233500
 Ion Ratio Lower Upper
 244 100
 212 6.7 6.2 9.4
 122 8.2 8.6 12.8#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.509 min Scan# 2248
 Delta R.T. -0.000 min
 Lab File: BF128451.D
 Acq: 24 May 2022 23:06

Tgt Ion:264 Resp: 119993
 Ion Ratio Lower Upper
 264 100
 260 24.2 20.1 30.1
 265 21.9 17.5 26.3

