

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052522\
 Data File : BF128471.D
 Acq On : 25 May 2022 20:48
 Operator : CG\JU
 Sample : N2896-18 2X
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P040-SS001-0612-01

Quant Time: May 26 01:02:02 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)

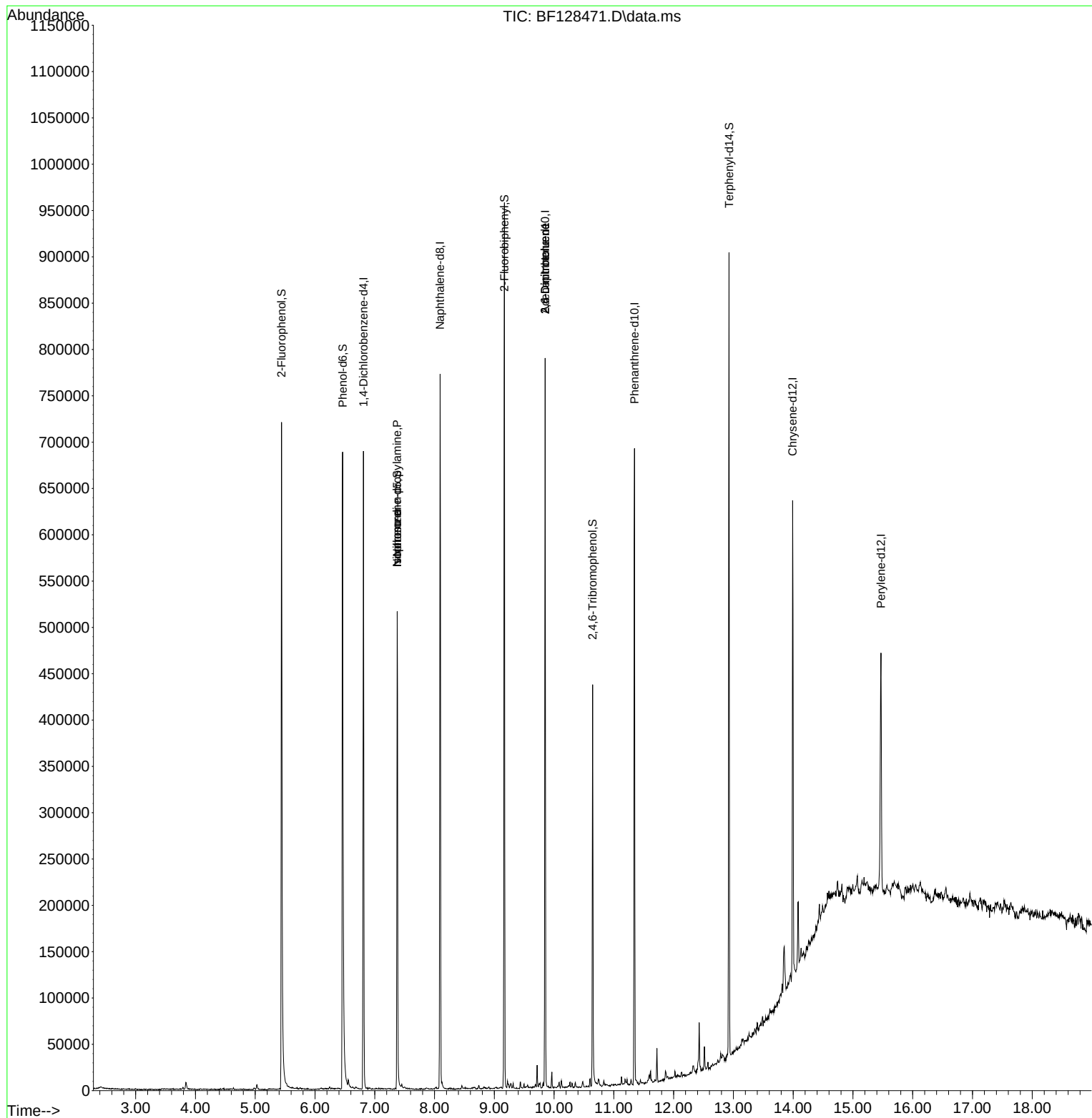
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.810	152	92350	20.000	ng	0.00
21) Naphthalene-d8	8.092	136	313139	20.000	ng	0.00
39) Acenaphthene-d10	9.851	164	144170	20.000	ng	0.00
64) Phenanthrene-d10	11.345	188	242528	20.000	ng	0.00
76) Chrysene-d12	13.992	240	171678	20.000	ng	0.00
86) Perylene-d12	15.468	264	121472	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.439	112	213657	36.817	ng	0.00
7) Phenol-d6	6.463	99	271431	35.520	ng	0.00
23) Nitrobenzene-d5	7.375	82	163397	23.379	ng	0.00
42) 2,4,6-Tribromophenol	10.645	330	47298	31.811	ng	0.00
45) 2-Fluorobiphenyl	9.169	172	266567	30.237	ng	0.00
79) Terphenyl-d14	12.927	244	268258	30.164	ng	0.00
Target Compounds						
9) Benzaldehyde	6.463	77	455	Below Cal	Qvalue	# 3
19) n-Nitroso-di-n-propyla...	7.375	70	21739	4.757	ng	# 83
25) Isophorone	7.375	82	163395	15.256	ng	# 68
51) 2,6-Dinitrotoluene	9.851	165	19051	9.485	ng	# 21
57) 2,4-Dinitrotoluene	9.851	165	19051	7.528	ng	# 26

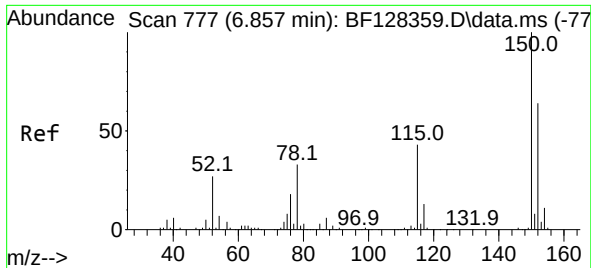
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052522\
Data File : BF128471.D
Acq On : 25 May 2022 20:48
Operator : CG\JU
Sample : N2896-18 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
P040-SS001-0612-01

Quant Time: May 26 01:02:02 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

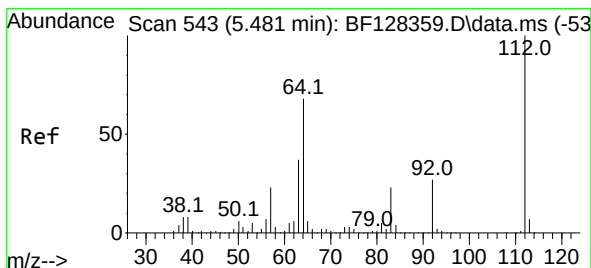
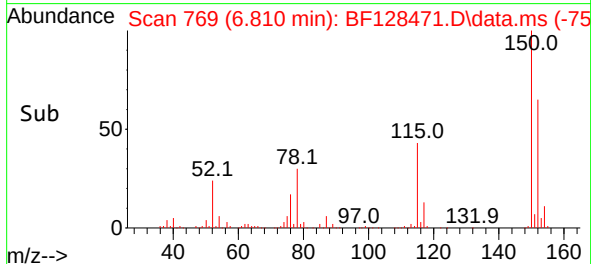
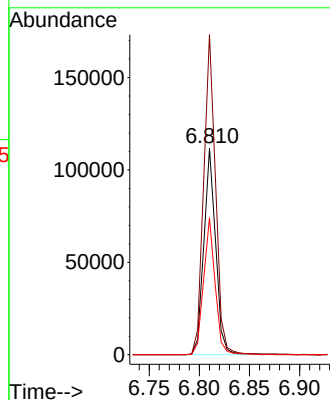
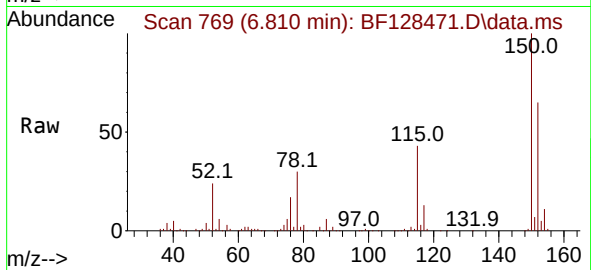




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.810 min Scan# 70
 Delta R.T. -0.000 min
 Lab File: BF128471.D
 Acq: 25 May 2022 20:48

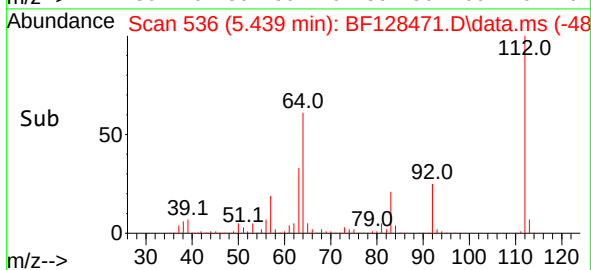
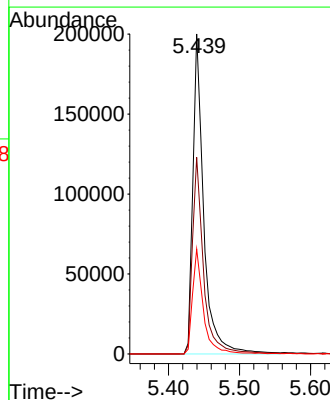
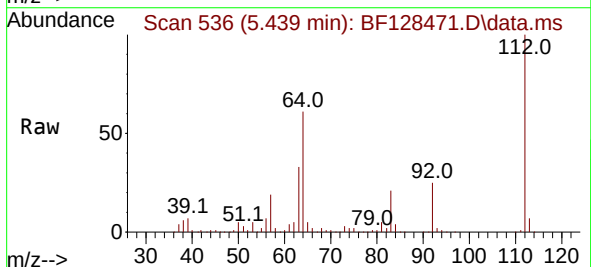
Instrument :
 BNA_F
 ClientSampleId :
 P040-SS001-0612-01

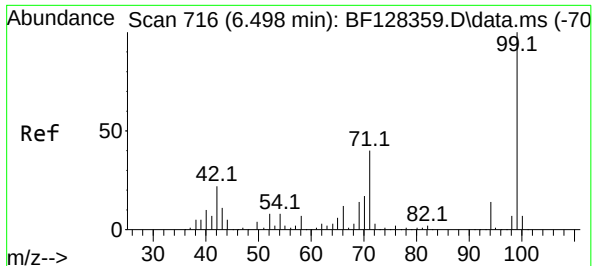
Tgt Ion:152 Resp: 92350
 Ion Ratio Lower Upper
 152 100
 150 155.0 125.3 187.9
 115 66.3 48.8 73.2



#5
 2-Fluorophenol
 Concen: 36.817 ng
 RT: 5.439 min Scan# 536
 Delta R.T. 0.006 min
 Lab File: BF128471.D
 Acq: 25 May 2022 20:48

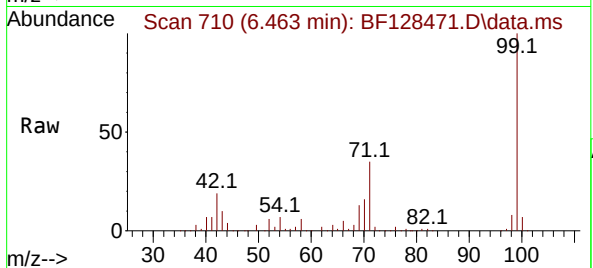
Tgt Ion:112 Resp: 213657
 Ion Ratio Lower Upper
 112 100
 64 61.4 49.5 74.3
 63 32.8 26.3 39.5



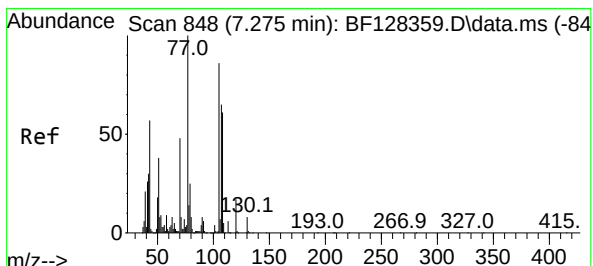
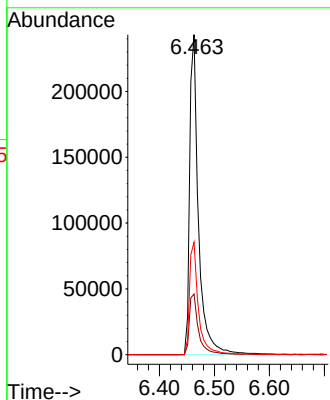
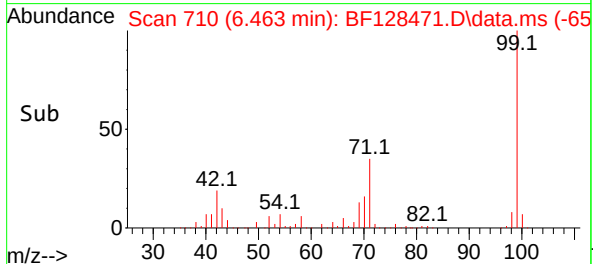


#7
Phenol-d6
Concen: 35.520 ng
RT: 6.463 min Scan# 71
Delta R.T. 0.006 min
Lab File: BF128471.D
Acq: 25 May 2022 20:48

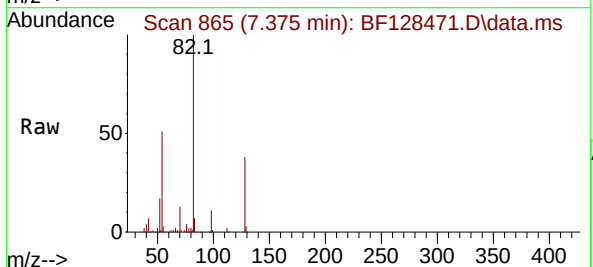
Instrument :
BNA_F
ClientSampleId :
P040-SS001-0612-01



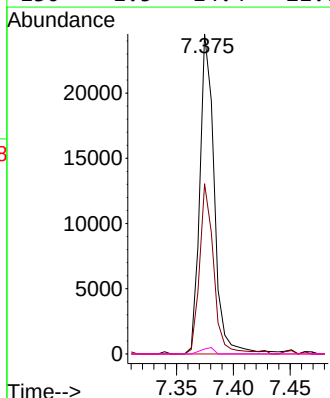
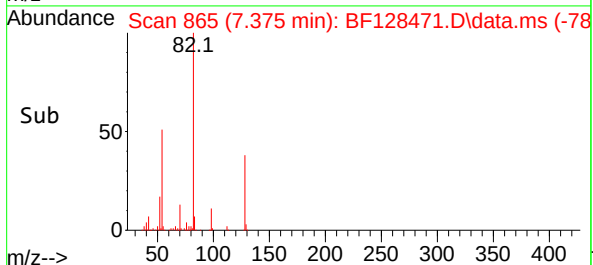
Tgt Ion: 99 Resp: 271431
Ion Ratio Lower Upper
99 100
42 18.9 16.6 24.8
71 35.2 30.0 45.0

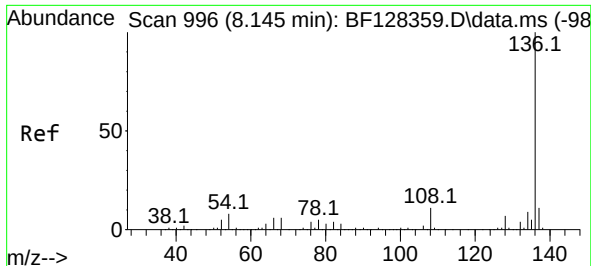


#19
n-Nitroso-di-n-propylamine
Concen: 4.757 ng
RT: 7.375 min Scan# 865
Delta R.T. 0.147 min
Lab File: BF128471.D
Acq: 25 May 2022 20:48



Tgt Ion: 70 Resp: 21739
Ion Ratio Lower Upper
70 100
42 53.2 48.7 73.1
101 0.0 7.2 10.8#
130 1.5 14.4 21.6#

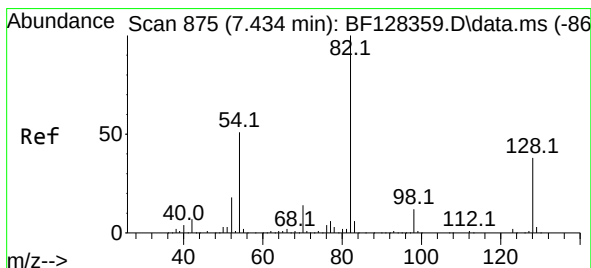
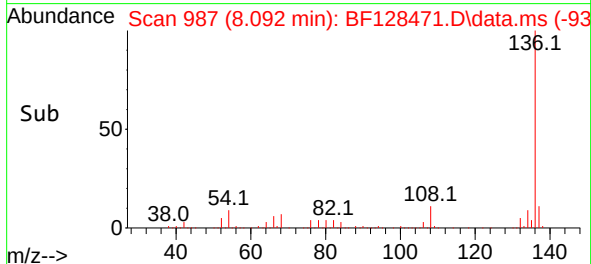
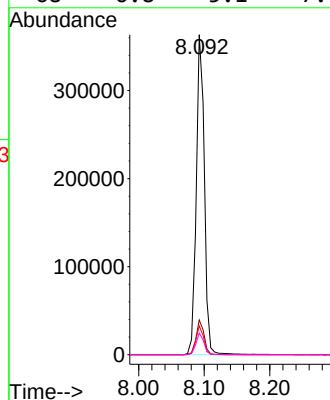
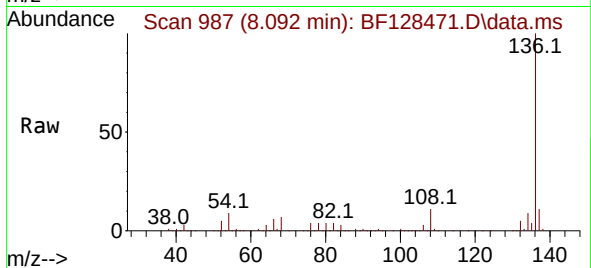




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.092 min Scan# 91
Delta R.T. -0.000 min
Lab File: BF128471.D
Acq: 25 May 2022 20:48

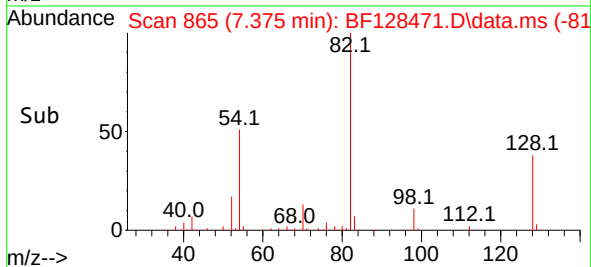
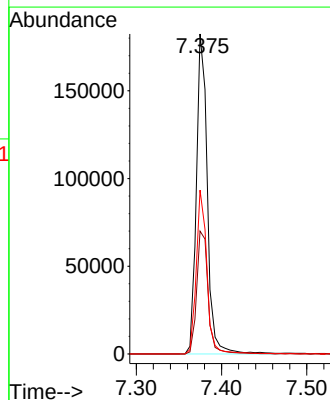
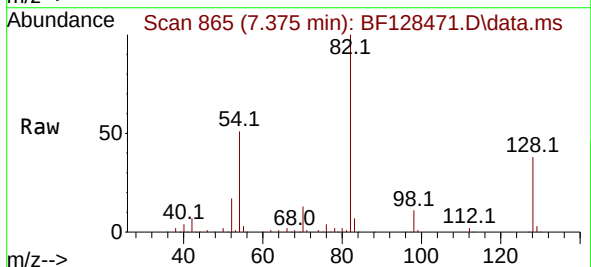
Instrument :
BNA_F
ClientSampleId :
P040-SS001-0612-01

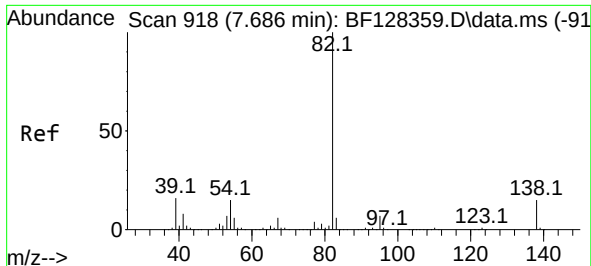
Tgt Ion:136	Resp: 313139
Ion Ratio	Lower Upper
136 100	
137 10.9	8.6 13.0
54 9.0	6.8 10.2
68 6.8	5.1 7.7



#23
Nitrobenzene-d5
Concen: 23.379 ng
RT: 7.375 min Scan# 865
Delta R.T. -0.006 min
Lab File: BF128471.D
Acq: 25 May 2022 20:48

Tgt Ion: 82	Resp: 163397
Ion Ratio	Lower Upper
82 100	
128 38.4	30.0 45.0
54 51.2	41.3 61.9

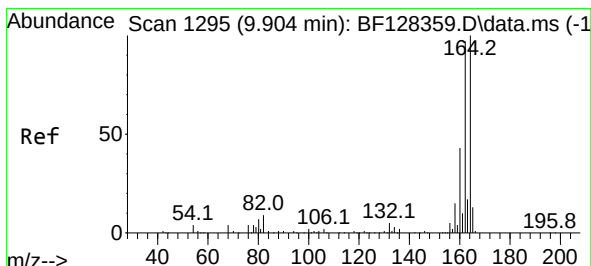
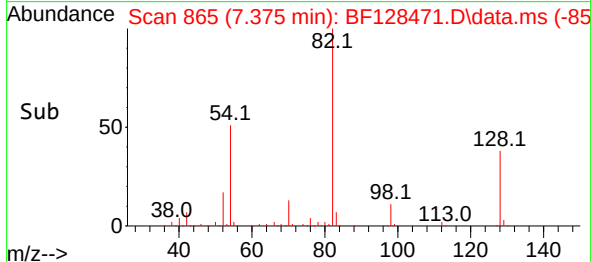
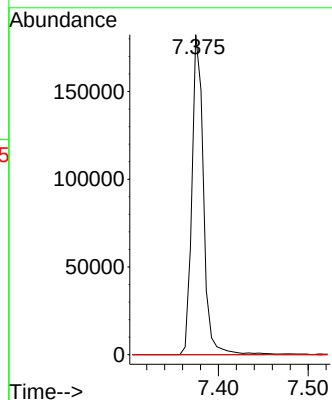
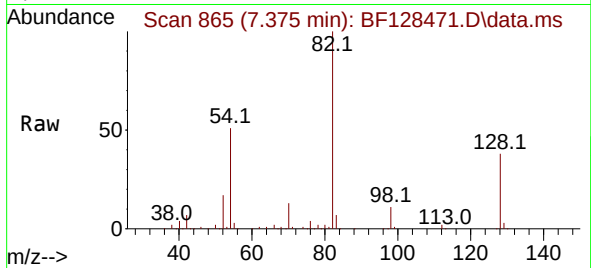




#25
Isophorone
Concen: 15.256 ng
RT: 7.375 min Scan# 80
Delta R.T. -0.265 min
Lab File: BF128471.D
Acq: 25 May 2022 20:48

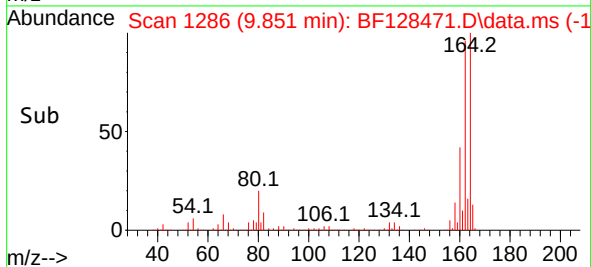
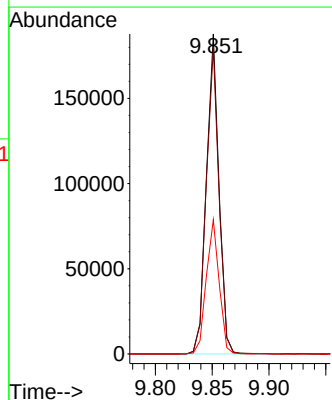
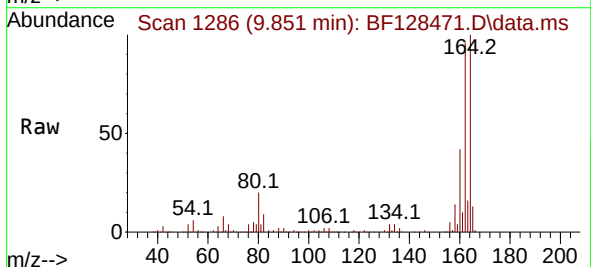
Instrument :
BNA_F
ClientSampleId :
P040-SS001-0612-01

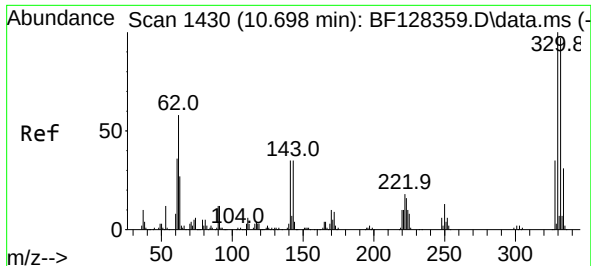
Tgt Ion: 82 Resp: 163395
Ion Ratio Lower Upper
82 100
95 0.0 5.6 8.4#
138 0.0 12.5 18.7#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.851 min Scan# 1286
Delta R.T. -0.000 min
Lab File: BF128471.D
Acq: 25 May 2022 20:48

Tgt Ion: 164 Resp: 144170
Ion Ratio Lower Upper
164 100
162 95.6 76.0 114.0
160 42.0 34.8 52.2





#42

2,4,6-Tribromophenol

Concen: 31.811 ng

RT: 10.645 min Scan# 1430

Delta R.T. -0.000 min

Lab File: BF128471.D

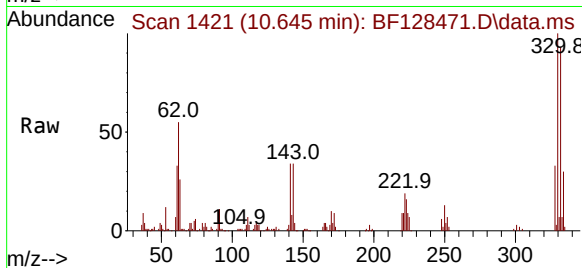
Acq: 25 May 2022 20:48

Instrument :

BNA_F

ClientSampleId :

P040-SS001-0612-01



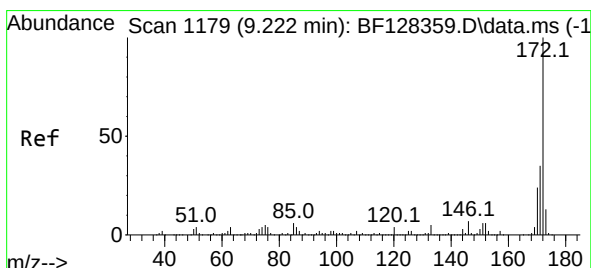
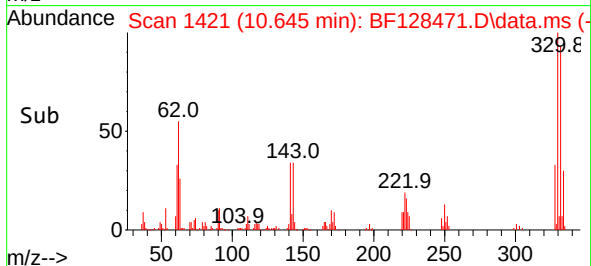
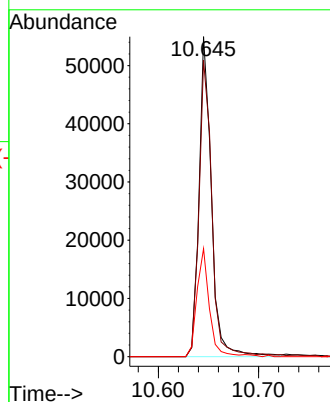
Tgt Ion:330 Resp: 47298

Ion Ratio Lower Upper

330 100

332 96.7 79.0 118.4

141 34.0 28.9 43.3



#45

2-Fluorobiphenyl

Concen: 30.237 ng

RT: 9.169 min Scan# 1170

Delta R.T. -0.000 min

Lab File: BF128471.D

Acq: 25 May 2022 20:48

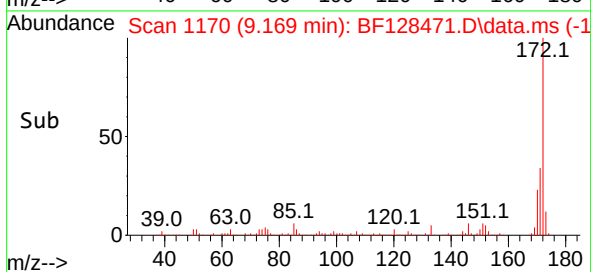
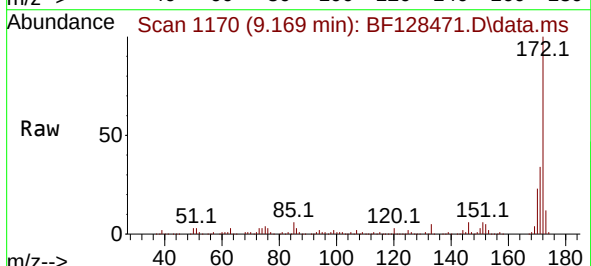
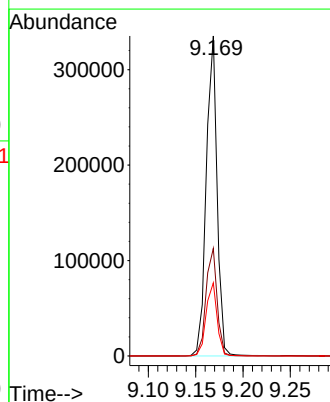
Tgt Ion:172 Resp: 266567

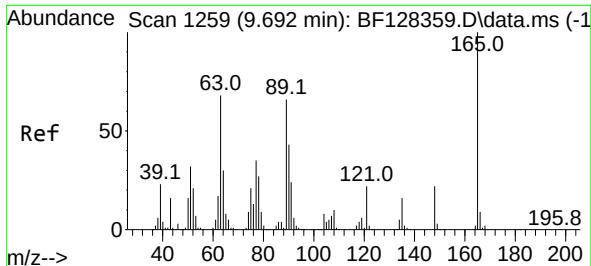
Ion Ratio Lower Upper

172 100

171 33.6 28.6 42.8

170 22.8 19.1 28.7

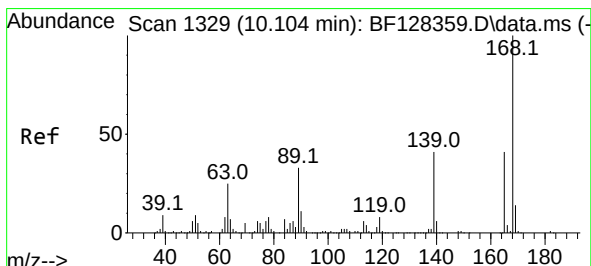
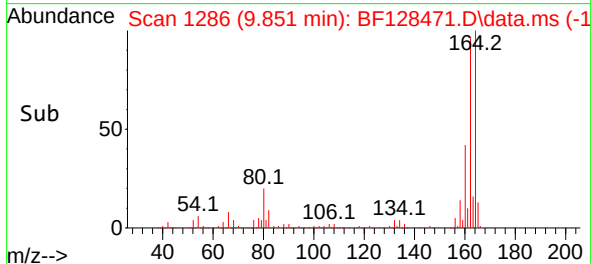
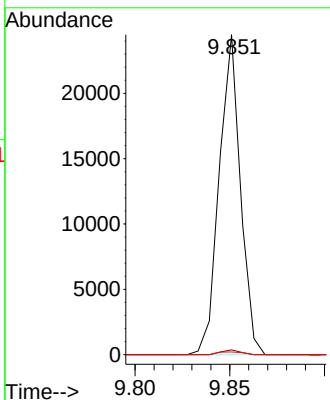
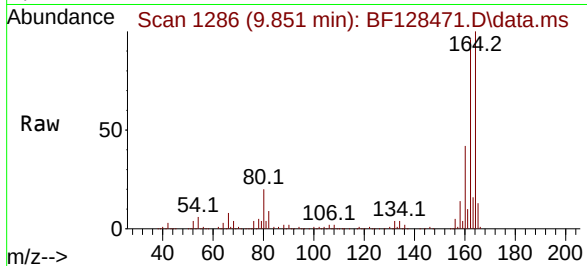




#51
2,6-Dinitrotoluene
Concen: 9.485 ng
RT: 9.851 min Scan# 1286
Delta R.T. 0.206 min
Lab File: BF128471.D
Acq: 25 May 2022 20:48

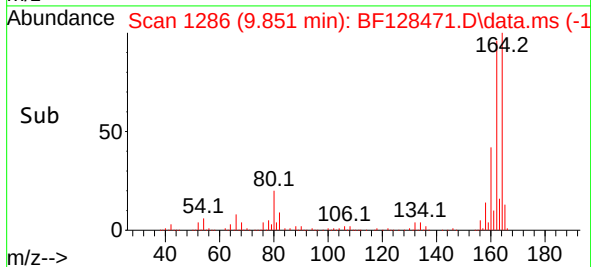
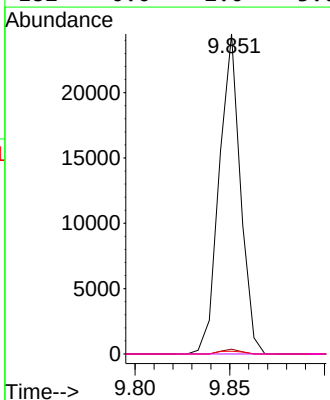
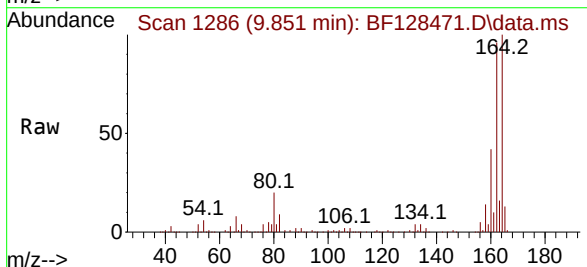
Instrument :
BNA_F
ClientSampleId :
P040-SS001-0612-01

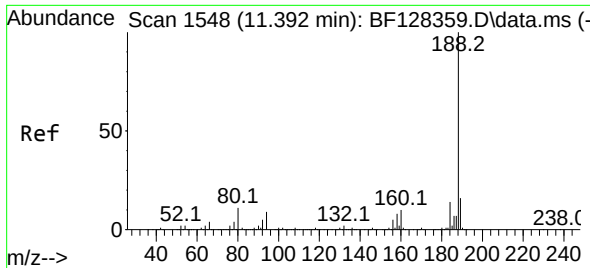
Tgt Ion:165 Resp: 19051
Ion Ratio Lower Upper
165 100
63 1.5 49.5 74.3#
89 0.9 49.0 73.4#



#57
2,4-Dinitrotoluene
Concen: 7.528 ng
RT: 9.851 min Scan# 1286
Delta R.T. -0.200 min
Lab File: BF128471.D
Acq: 25 May 2022 20:48

Tgt Ion:165 Resp: 19051
Ion Ratio Lower Upper
165 100
63 1.5 32.6 49.0#
89 0.9 55.2 82.8#
182 0.0 2.0 3.0#

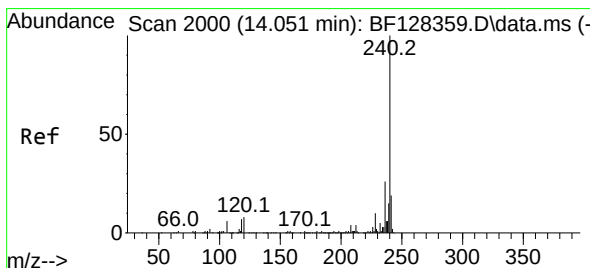
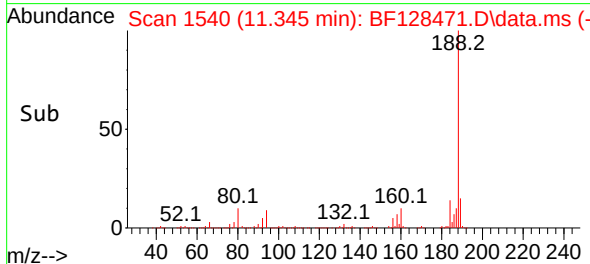
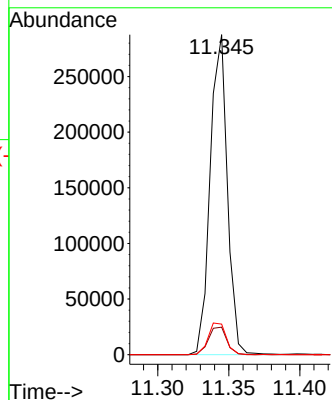
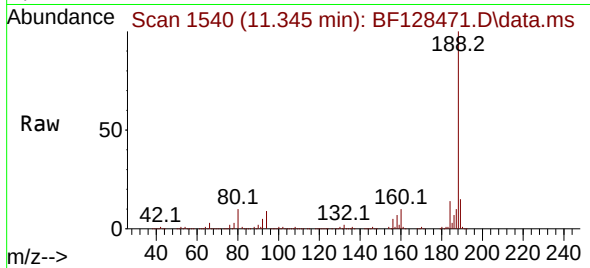




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.345 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF128471.D
Acq: 25 May 2022 20:48

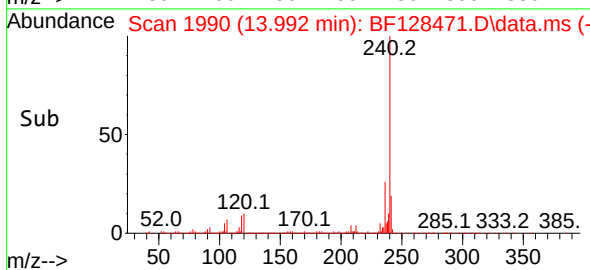
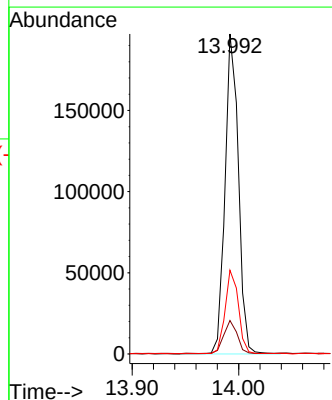
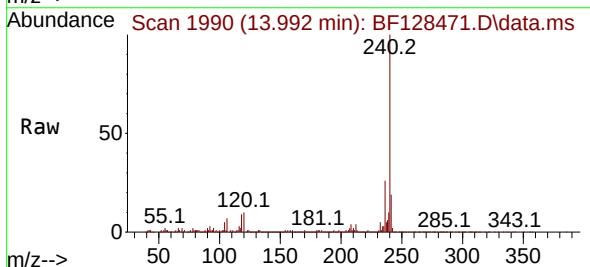
Instrument :
BNA_F
ClientSampleId :
P040-SS001-0612-01

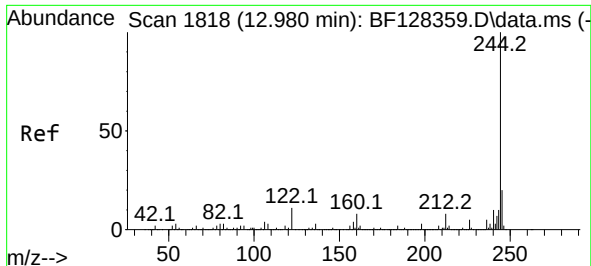
Tgt Ion:188 Resp: 242528
Ion Ratio Lower Upper
188 100
94 8.6 8.0 12.0
80 9.5 8.9 13.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.992 min Scan# 1990
Delta R.T. -0.000 min
Lab File: BF128471.D
Acq: 25 May 2022 20:48

Tgt Ion:240 Resp: 171678
Ion Ratio Lower Upper
240 100
120 10.4 7.0 10.6
236 26.1 20.3 30.5

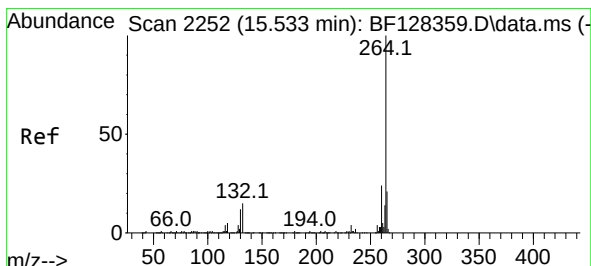
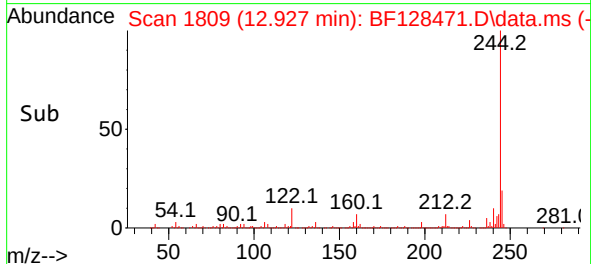
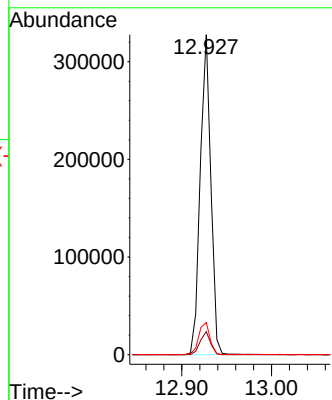
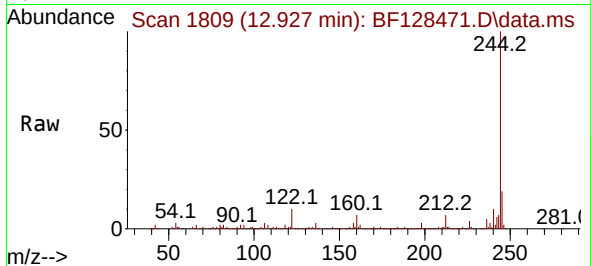




#79
 Terphenyl-d14
 Concen: 30.164 ng
 RT: 12.927 min Scan# 1809
 Delta R.T. -0.000 min
 Lab File: BF128471.D
 Acq: 25 May 2022 20:48

Instrument :
 BNA_F
 ClientSampleId :
 P040-SS001-0612-01

Tgt Ion:244 Resp: 268258
 Ion Ratio Lower Upper
 244 100
 212 7.2 6.2 9.4
 122 10.1 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: BF128471.D
 Acq: 25 May 2022 20:48

Tgt Ion:264 Resp: 121472
 Ion Ratio Lower Upper
 264 100
 260 23.8 20.1 30.1
 265 21.2 17.5 26.3

