

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052522\
 Data File : BF128472.D
 Acq On : 25 May 2022 21:17
 Operator : CG\JU
 Sample : N2896-13 2X
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P039-SS001-0612-01

Quant Time: May 26 01:02:08 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)

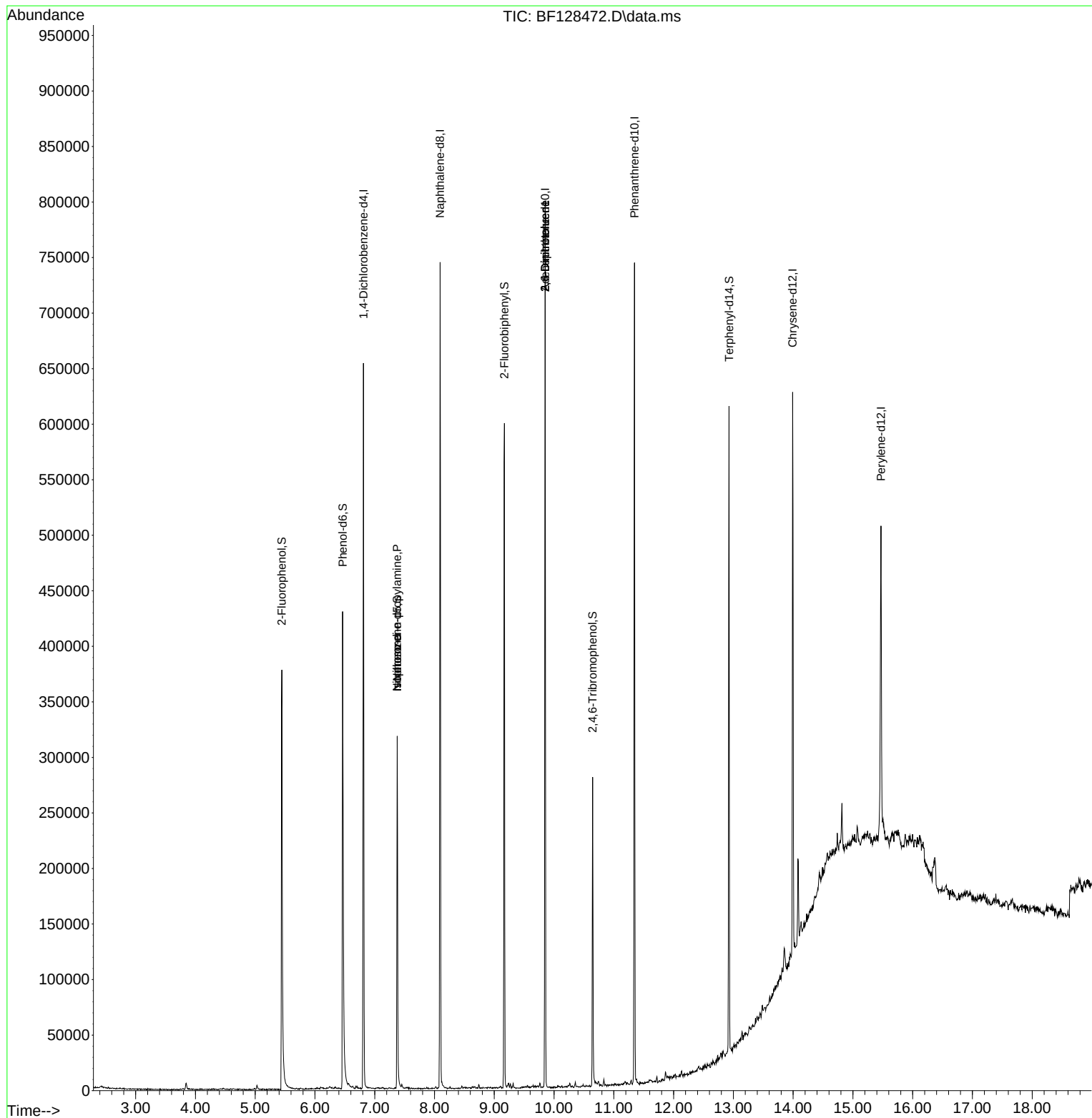
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.810	152	84563	20.000	ng	0.00
21) Naphthalene-d8	8.092	136	299743	20.000	ng	0.00
39) Acenaphthene-d10	9.851	164	148116	20.000	ng	0.00
64) Phenanthrene-d10	11.345	188	255077	20.000	ng	0.00
76) Chrysene-d12	13.992	240	172162	20.000	ng	# 0.00
86) Perylene-d12	15.468	264	125144	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.446	112	129718	24.411	ng	0.01
7) Phenol-d6	6.463	99	162556	23.232	ng	0.00
23) Nitrobenzene-d5	7.375	82	99567	14.883	ng	0.00
42) 2,4,6-Tribromophenol	10.645	330	31109	20.366	ng	0.00
45) 2-Fluorobiphenyl	9.169	172	179496	19.818	ng	0.00
79) Terphenyl-d14	12.927	244	182734	20.490	ng	0.00
Target Compounds						
9) Benzaldehyde	6.463	77	350	Below Cal	Qvalue	# 3
19) n-Nitroso-di-n-propyla...	7.375	70	13003	3.107 ng	#	81
25) Isophorone	7.375	82	99566	9.712 ng	#	68
51) 2,6-Dinitrotoluene	9.851	165	19010	9.213 ng	#	21
57) 2,4-Dinitrotoluene	9.851	165	19010	7.312 ng	#	26

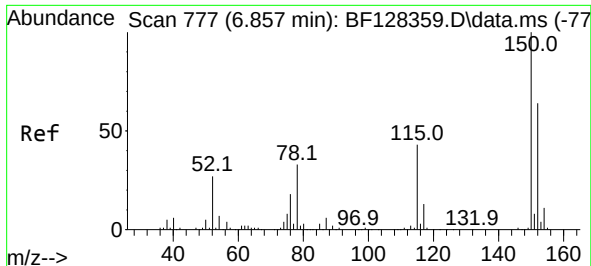
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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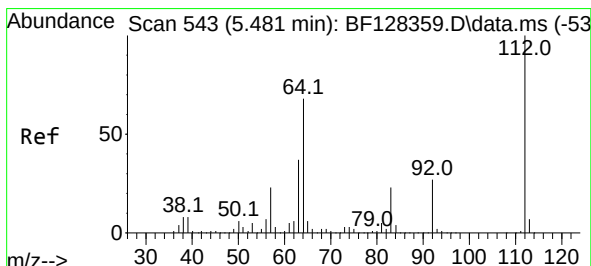
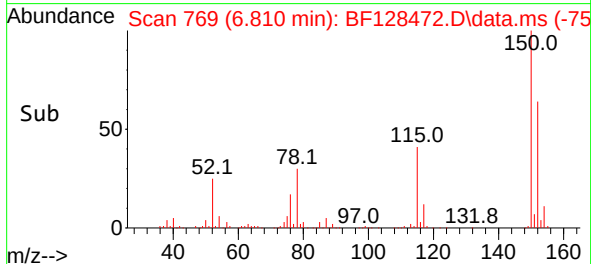
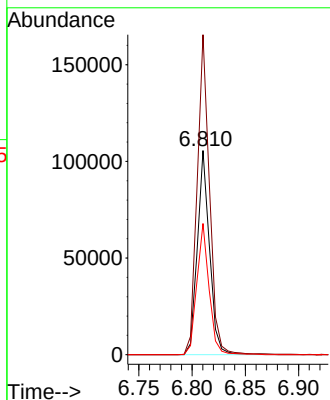
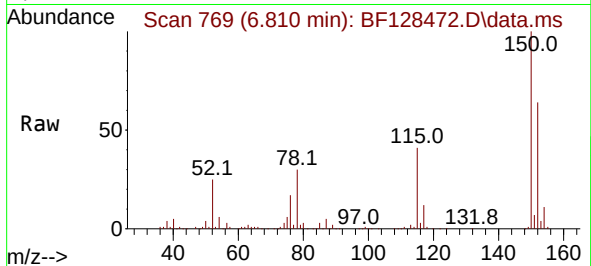




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.810 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF128472.D
Acq: 25 May 2022 21:17

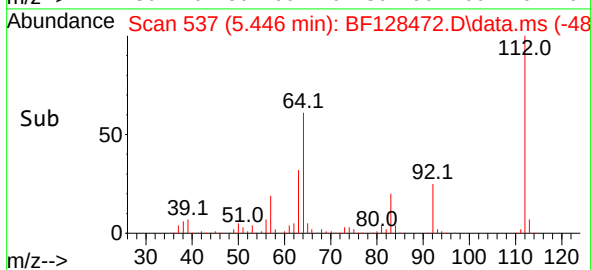
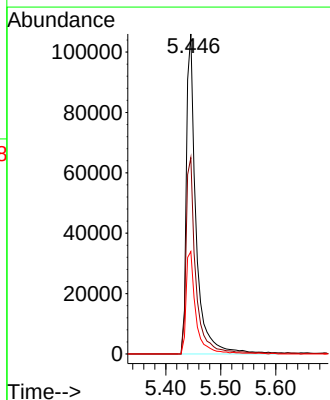
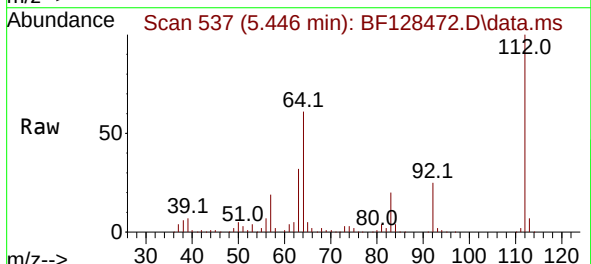
Instrument :
BNA_F
ClientSampleId :
P039-SS001-0612-01

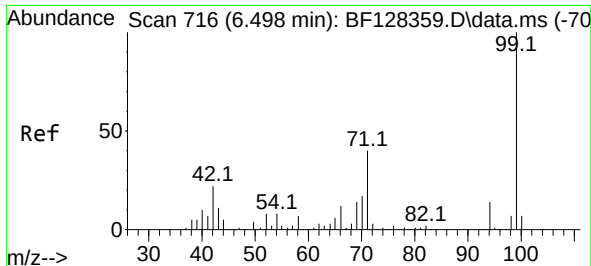
Tgt Ion:152 Resp: 84563
Ion Ratio Lower Upper
152 100
150 156.7 125.3 187.9
115 64.3 48.8 73.2



#5
2-Fluorophenol
Concen: 24.411 ng
RT: 5.446 min Scan# 537
Delta R.T. 0.012 min
Lab File: BF128472.D
Acq: 25 May 2022 21:17

Tgt Ion:112 Resp: 129718
Ion Ratio Lower Upper
112 100
64 61.4 49.5 74.3
63 32.0 26.3 39.5

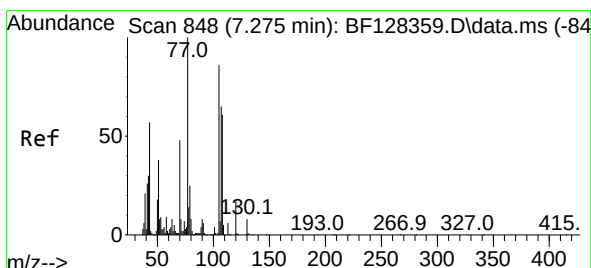
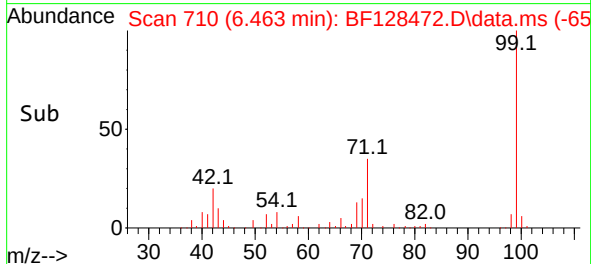
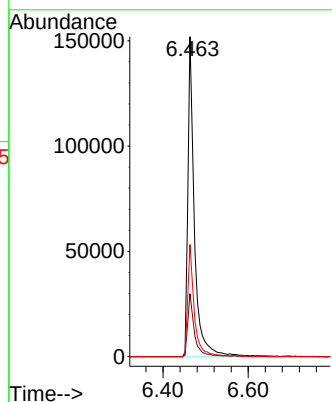
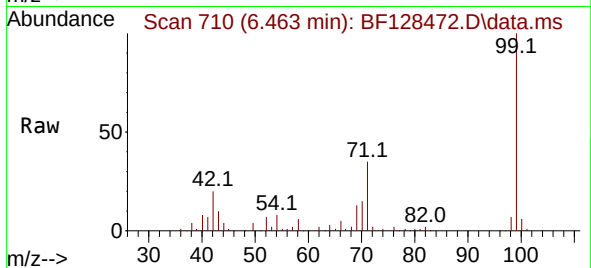




#7
Phenol-d6
Concen: 23.232 ng
RT: 6.463 min Scan# 71
Delta R.T. 0.006 min
Lab File: BF128472.D
Acq: 25 May 2022 21:17

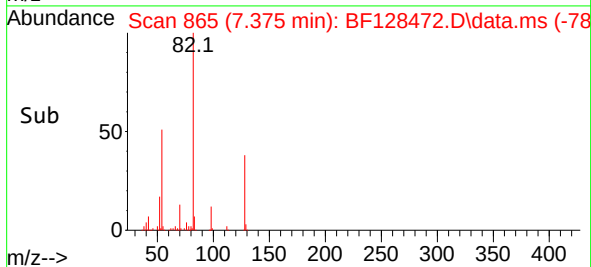
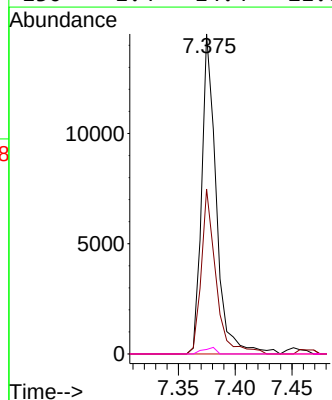
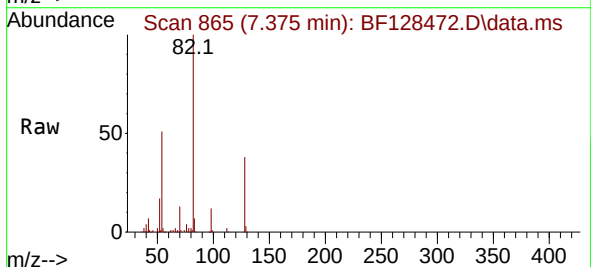
Instrument :
BNA_F
ClientSampleId :
P039-SS001-0612-01

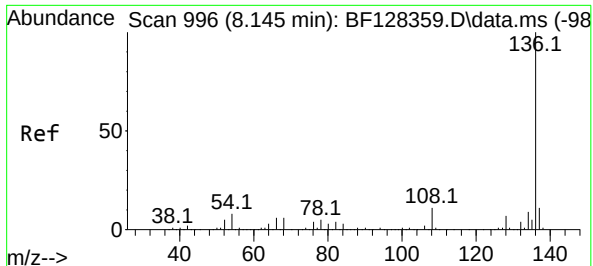
Tgt Ion: 99 Resp: 162556
Ion Ratio Lower Upper
99 100
42 19.7 16.6 24.8
71 35.1 30.0 45.0



#19
n-Nitroso-di-n-propylamine
Concen: 3.107 ng
RT: 7.375 min Scan# 865
Delta R.T. 0.147 min
Lab File: BF128472.D
Acq: 25 May 2022 21:17

Tgt Ion: 70 Resp: 13003
Ion Ratio Lower Upper
70 100
42 51.5 48.7 73.1
101 0.0 7.2 10.8#
130 1.4 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: BF128472.D

Acq: 25 May 2022 21:17

Instrument :

BNA_F

ClientSampleId :

P039-SS001-0612-01

Tgt Ion:136 Resp: 299743

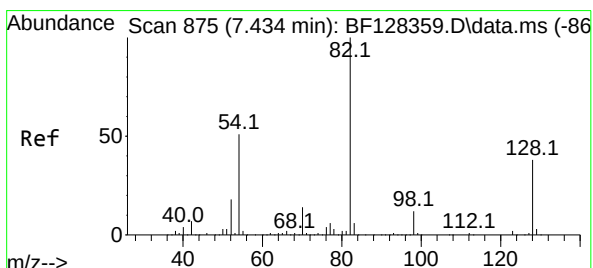
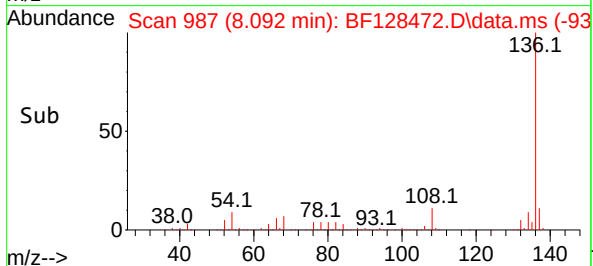
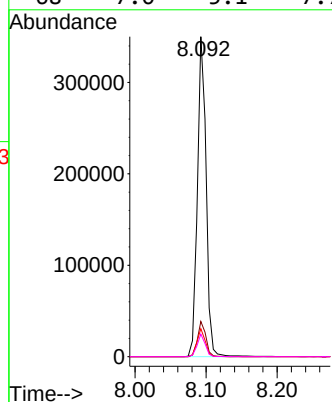
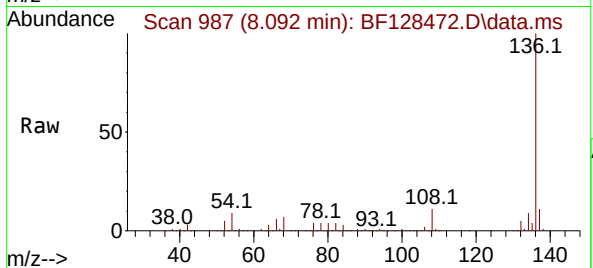
Ion Ratio Lower Upper

136 100

137 11.0 8.6 13.0

54 8.8 6.8 10.2

68 7.0 5.1 7.7



#23

Nitrobenzene-d5

Concen: 14.883 ng

RT: 7.375 min Scan# 865

Delta R.T. -0.006 min

Lab File: BF128472.D

Acq: 25 May 2022 21:17

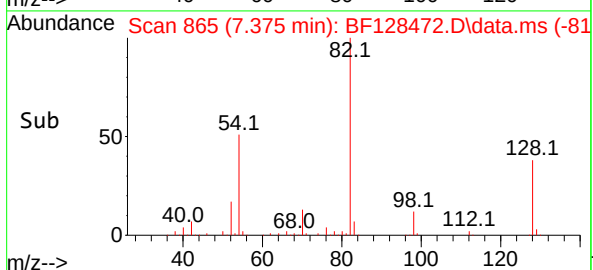
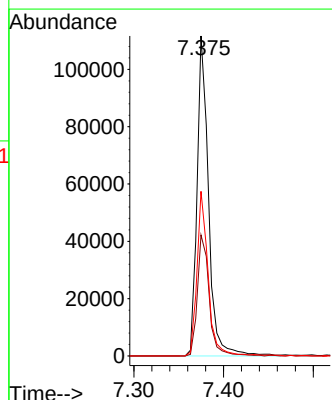
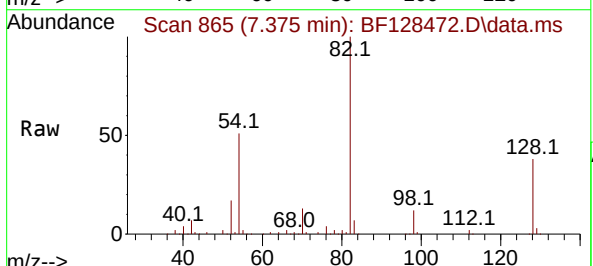
Tgt Ion: 82 Resp: 99567

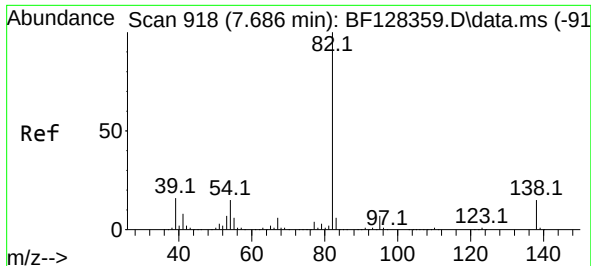
Ion Ratio Lower Upper

82 100

128 37.8 30.0 45.0

54 51.5 41.3 61.9

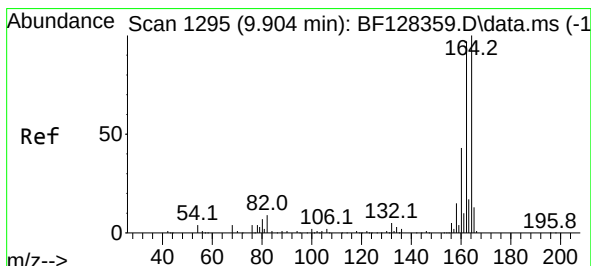
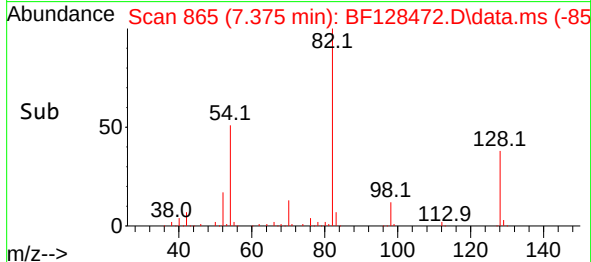
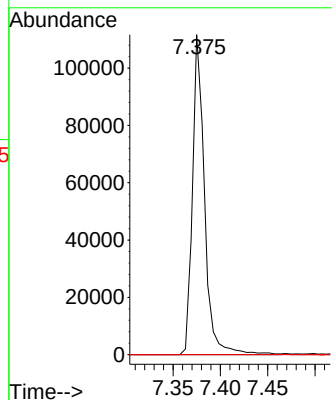
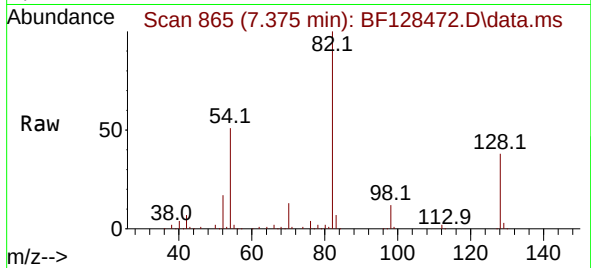




#25
Isophorone
Concen: 9.712 ng
RT: 7.375 min Scan# 80
Delta R.T. -0.265 min
Lab File: BF128472.D
Acq: 25 May 2022 21:17

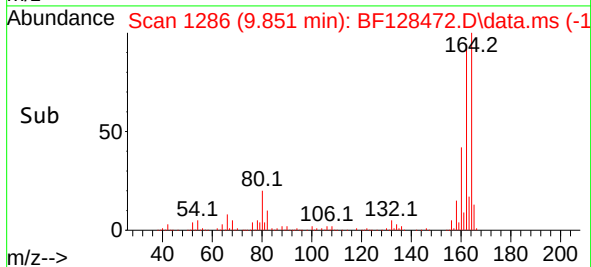
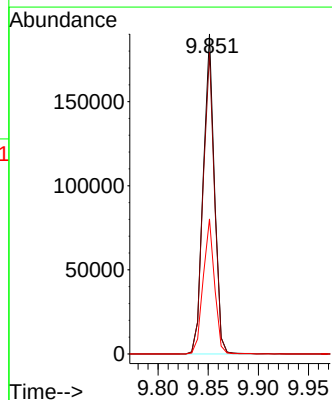
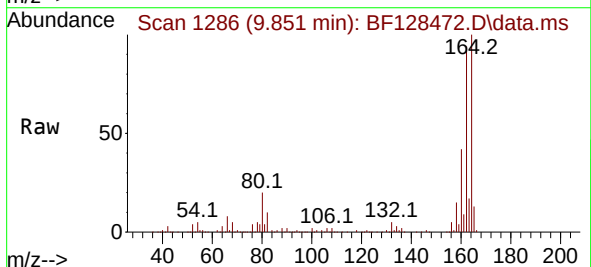
Instrument :
BNA_F
ClientSampleId :
P039-SS001-0612-01

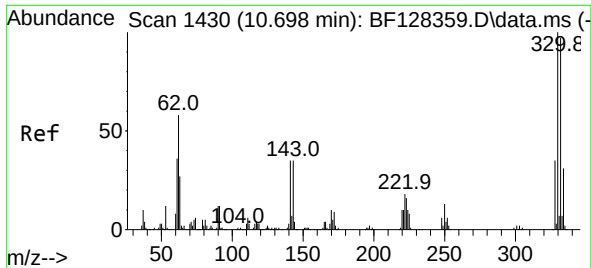
Tgt Ion: 82 Resp: 99566
Ion Ratio Lower Upper
82 100
95 0.0 5.6 8.4#
138 0.0 12.5 18.7#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.851 min Scan# 1286
Delta R.T. 0.000 min
Lab File: BF128472.D
Acq: 25 May 2022 21:17

Tgt Ion: 164 Resp: 148116
Ion Ratio Lower Upper
164 100
162 94.2 76.0 114.0
160 42.2 34.8 52.2

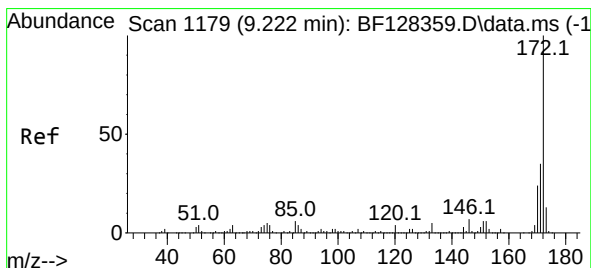
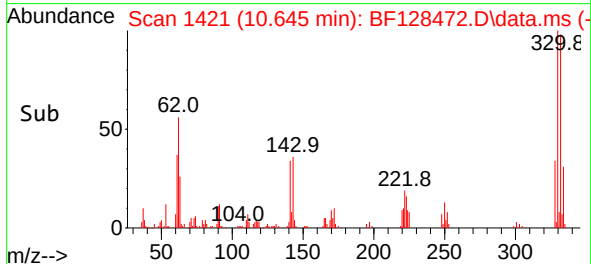
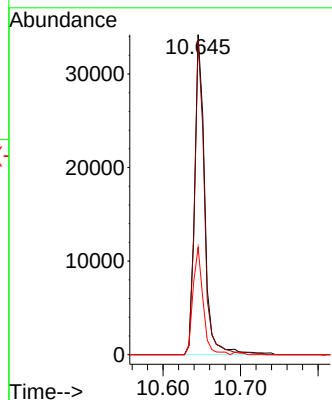
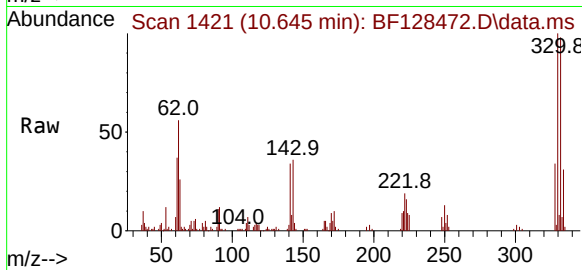




#42
2,4,6-Tribromophenol
Concen: 20.366 ng
RT: 10.645 min Scan# 1430
Delta R.T. 0.000 min
Lab File: BF128472.D
Acq: 25 May 2022 21:17

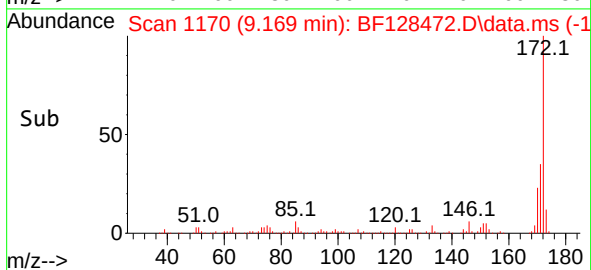
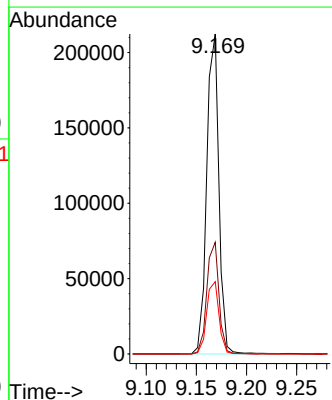
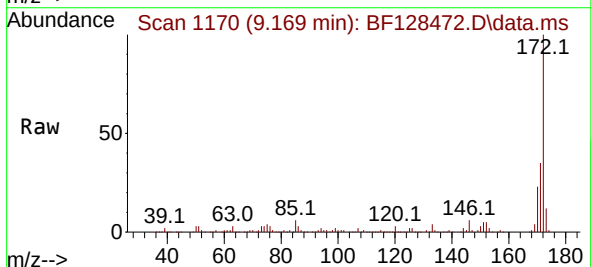
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ClientSampleId :
P039-SS001-0612-01

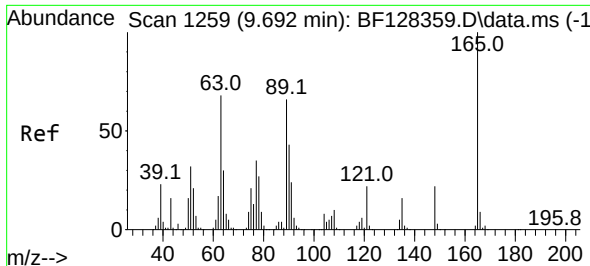
Tgt Ion:330 Resp: 31109
Ion Ratio Lower Upper
330 100
332 94.7 79.0 118.4
141 33.2 28.9 43.3



#45
2-Fluorobiphenyl
Concen: 19.818 ng
RT: 9.169 min Scan# 1170
Delta R.T. 0.000 min
Lab File: BF128472.D
Acq: 25 May 2022 21:17

Tgt Ion:172 Resp: 179496
Ion Ratio Lower Upper
172 100
171 34.9 28.6 42.8
170 22.6 19.1 28.7





#51

2,6-Dinitrotoluene

Concen: 9.213 ng

RT: 9.851 min Scan# 1286

Delta R.T. 0.206 min

Lab File: BF128472.D

Acq: 25 May 2022 21:17

Instrument :

BNA_F

ClientSampleId :

P039-SS001-0612-01

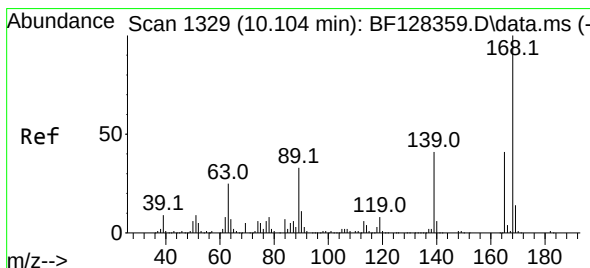
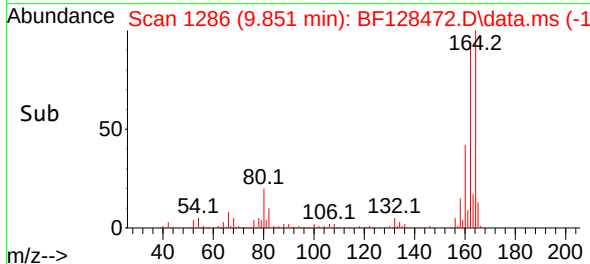
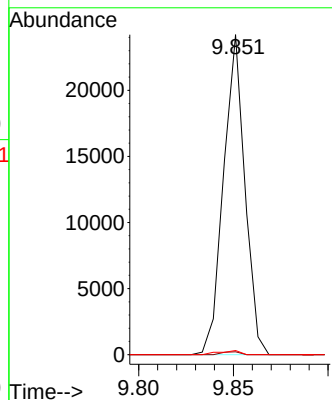
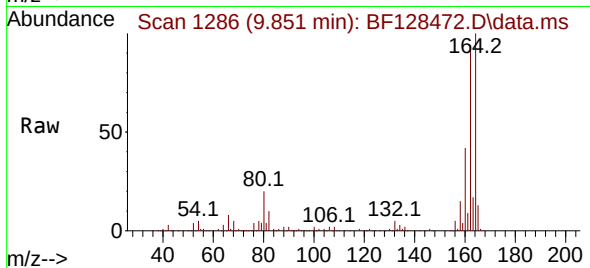
Tgt Ion:165 Resp: 19010

Ion Ratio Lower Upper

165 100

63 0.9 49.5 74.3#

89 1.3 49.0 73.4#



#57

2,4-Dinitrotoluene

Concen: 7.312 ng

RT: 9.851 min Scan# 1286

Delta R.T. -0.200 min

Lab File: BF128472.D

Acq: 25 May 2022 21:17

Tgt Ion:165 Resp: 19010

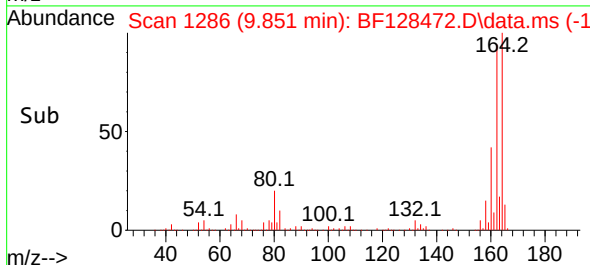
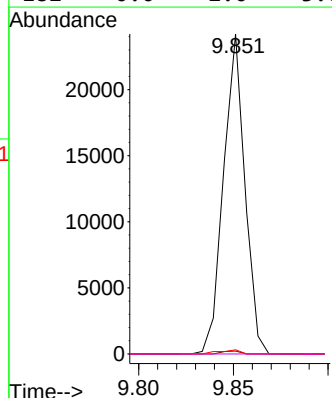
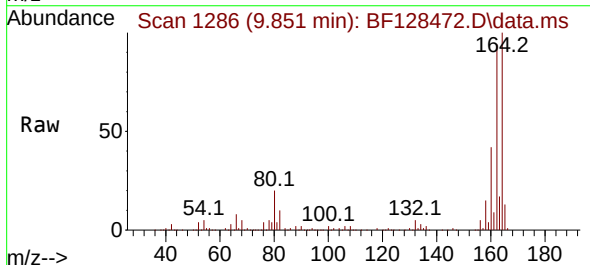
Ion Ratio Lower Upper

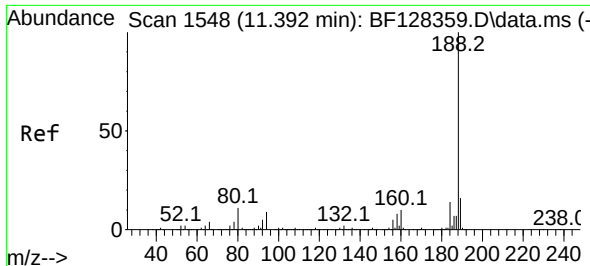
165 100

63 0.9 32.6 49.0#

89 1.3 55.2 82.8#

182 0.0 2.0 3.0#

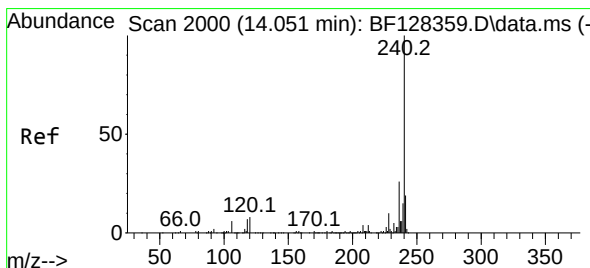
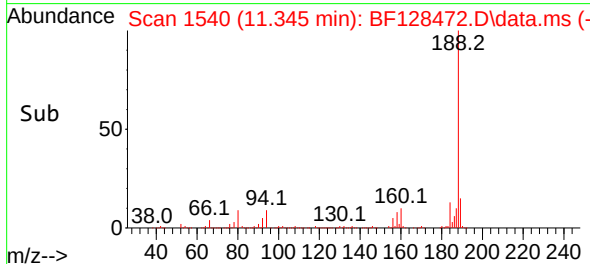
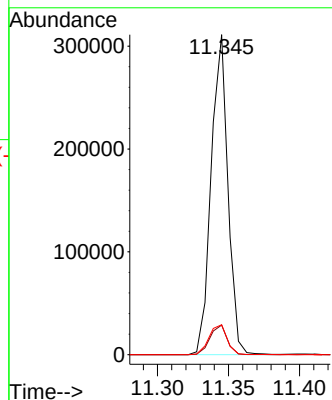
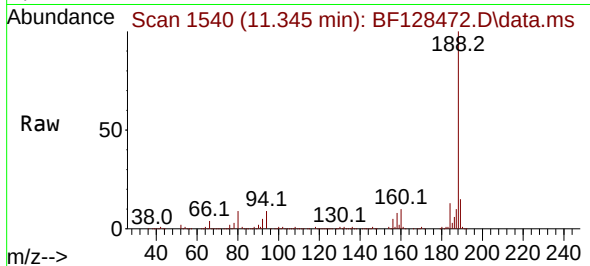




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.345 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF128472.D
Acq: 25 May 2022 21:17

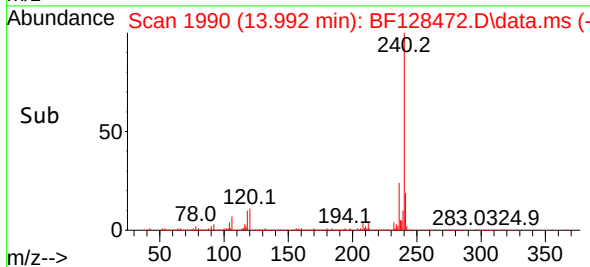
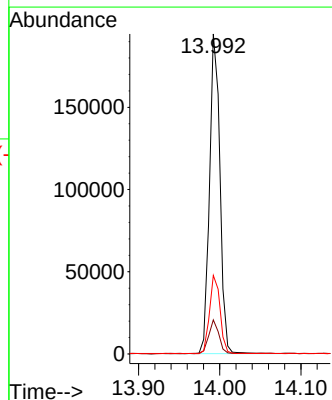
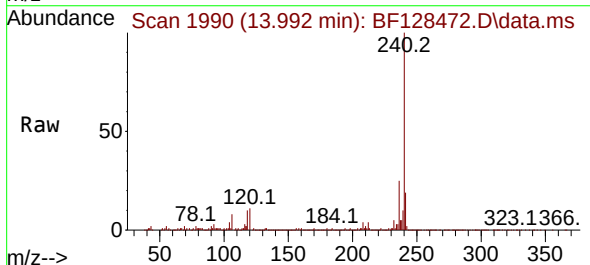
Instrument :
BNA_F
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P039-SS001-0612-01

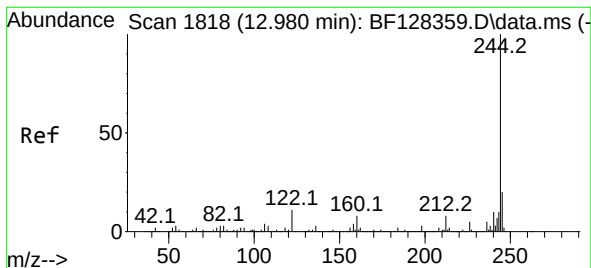
Tgt Ion:188 Resp: 255077
Ion Ratio Lower Upper
188 100
94 9.3 8.0 12.0
80 9.4 8.9 13.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.992 min Scan# 1990
Delta R.T. 0.000 min
Lab File: BF128472.D
Acq: 25 May 2022 21:17

Tgt Ion:240 Resp: 172162
Ion Ratio Lower Upper
240 100
120 10.6 7.0 10.6#
236 24.5 20.3 30.5





#79

Terphenyl-d14

Concen: 20.490 ng

RT: 12.927 min Scan# 1809

Delta R.T. 0.000 min

Lab File: BF128472.D

Acq: 25 May 2022 21:17

Instrument :

BNA_F

ClientSampleId :

P039-SS001-0612-01

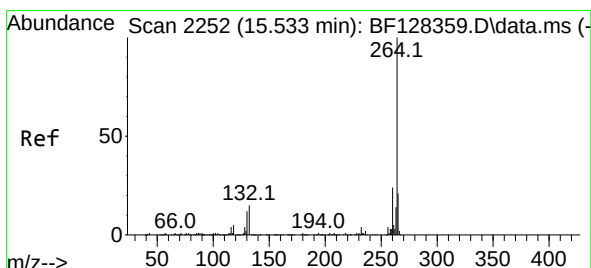
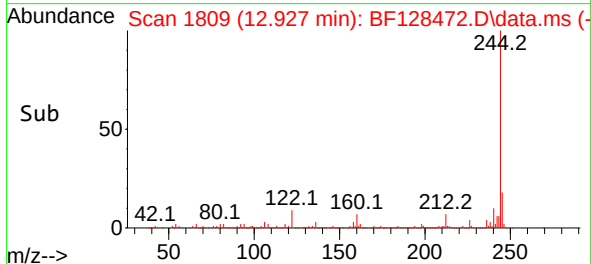
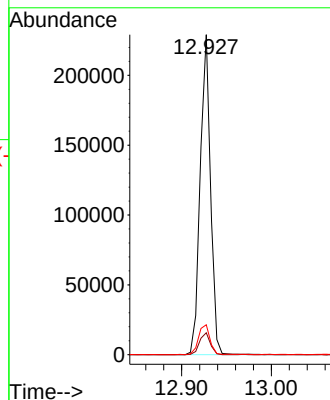
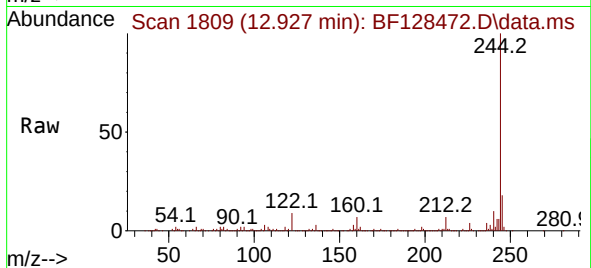
Tgt Ion:244 Resp: 182734

Ion Ratio Lower Upper

244 100

212 6.9 6.2 9.4

122 9.3 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: BF128472.D

Acq: 25 May 2022 21:17

Tgt Ion:264 Resp: 125144

Ion Ratio Lower Upper

264 100

260 22.9 20.1 30.1

265 21.9 17.5 26.3

