

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092122\
 Data File : BF130367.D
 Acq On : 21 Sep 2022 18:14
 Operator : CG\JU
 Sample : N4723-06
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-09-COMP

Quant Time: Sep 22 05:58:14 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 19 15:06:14 2022
 Response via : Initial Calibration

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

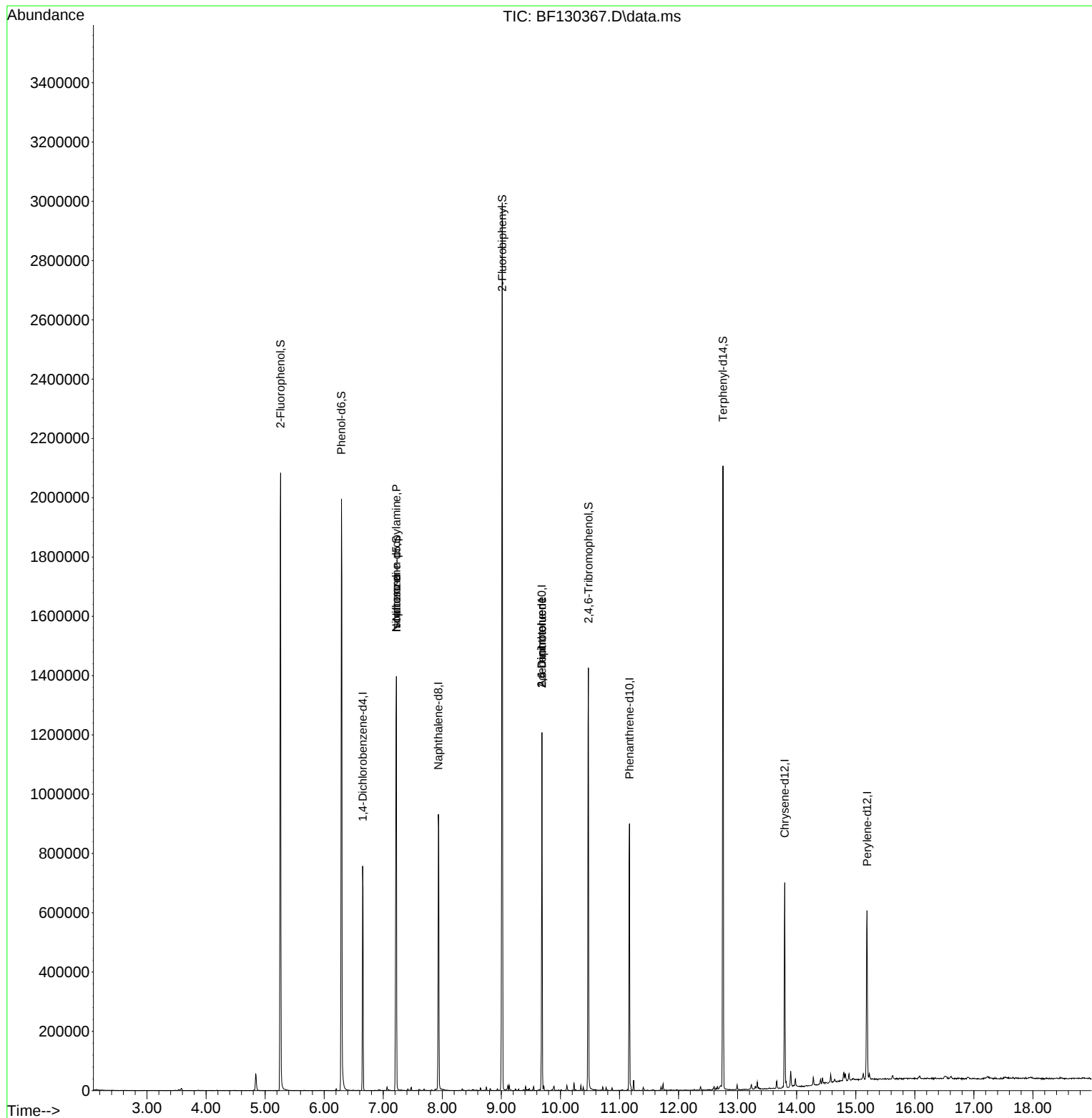
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.651	152	109916	20.000	ng	-0.01
21) Naphthalene-d8	7.934	136	434128	20.000	ng	-0.01
39) Acenaphthene-d10	9.686	164	217020	20.000	ng	0.00
64) Phenanthrene-d10	11.169	188	310059	20.000	ng	0.00
76) Chrysene-d12	13.798	240	216332	20.000	ng	0.00
86) Perylene-d12	15.192	264	226624	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.263	112	579531	91.449	ng	0.00
7) Phenol-d6	6.293	99	718107	90.564	ng	0.00
23) Nitrobenzene-d5	7.222	82	458236	53.926	ng	-0.01
42) 2,4,6-Tribromophenol	10.475	330	160676	77.268	ng	0.00
45) 2-Fluorobiphenyl	9.016	172	859631	57.681	ng	0.00
79) Terphenyl-d14	12.751	244	653171	50.014	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.222	70	61343	11.465	ng	# 72
25) Isophorone	7.222	82	456647	33.341	ng	# 66
51) 2,6-Dinitrotoluene	9.686	165	28295	9.025	ng	# 15
57) 2,4-Dinitrotoluene	9.686	165	28295	7.062	ng	# 15

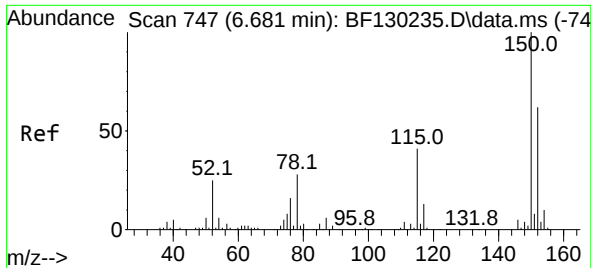
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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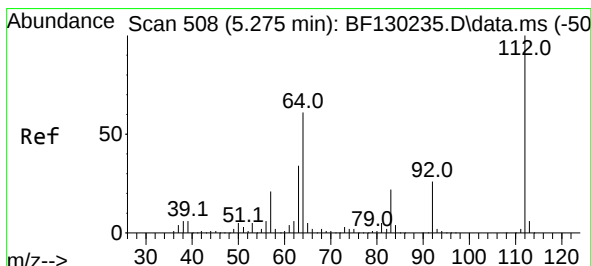
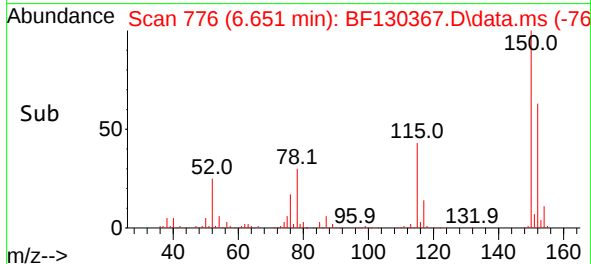
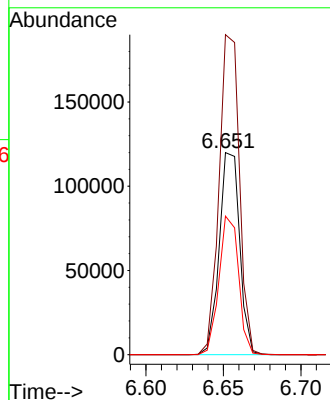
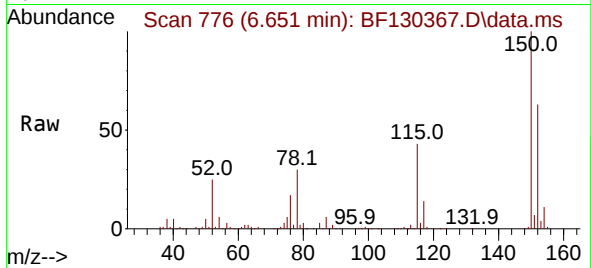




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.651 min Scan# 71
 Delta R.T. -0.012 min
 Lab File: BF130367.D
 Acq: 21 Sep 2022 18:14

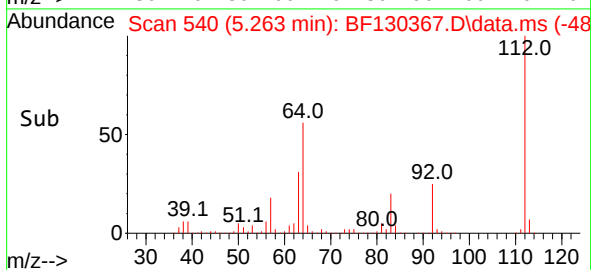
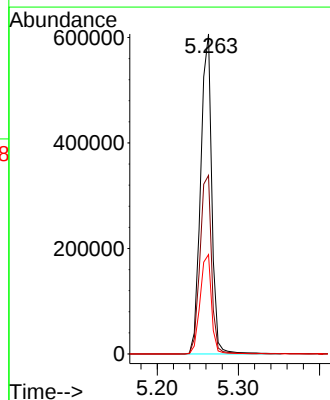
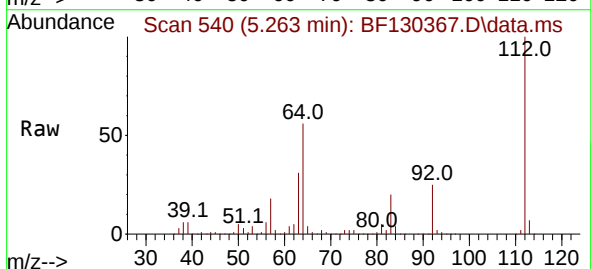
Instrument :
 BNA_F
 ClientSampleId :
 SB-09-COMP

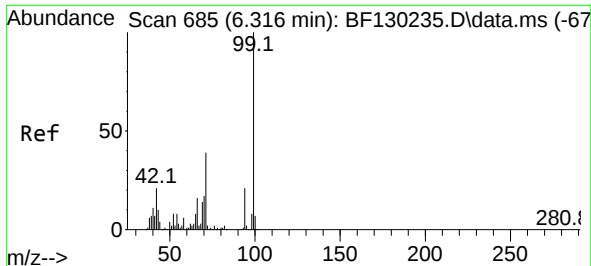
Tgt Ion:152 Resp: 109916
 Ion Ratio Lower Upper
 152 100
 150 158.4 122.8 184.2
 115 68.6 53.8 80.8



#5
 2-Fluorophenol
 Concen: 91.449 ng
 RT: 5.263 min Scan# 540
 Delta R.T. 0.006 min
 Lab File: BF130367.D
 Acq: 21 Sep 2022 18:14

Tgt Ion:112 Resp: 579531
 Ion Ratio Lower Upper
 112 100
 64 55.8 51.4 77.0
 63 31.0 28.8 43.2





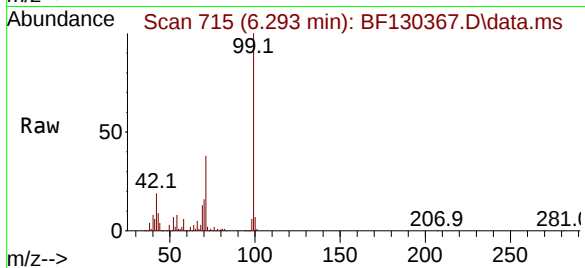
#7
Phenol-d6
Concen: 90.564 ng
RT: 6.293 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF130367.D
Acq: 21 Sep 2022 18:14

Instrument :

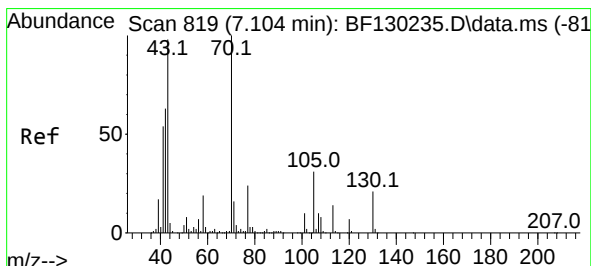
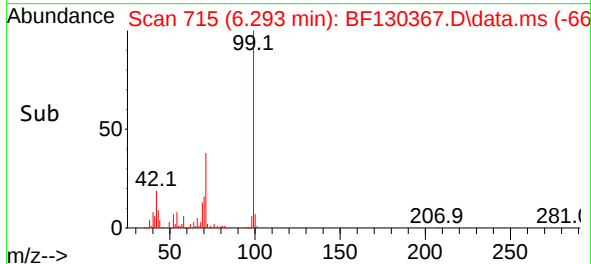
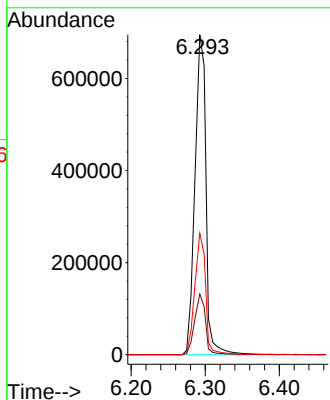
BNA_F

ClientSampleId :

SB-09-COMP

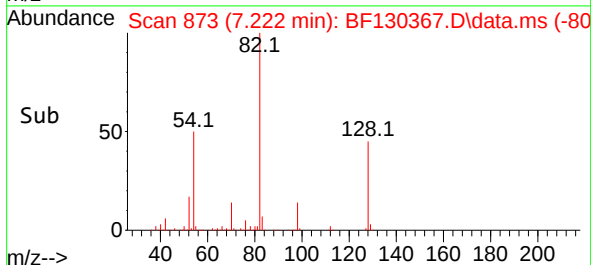
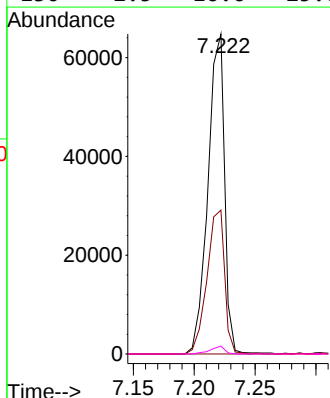
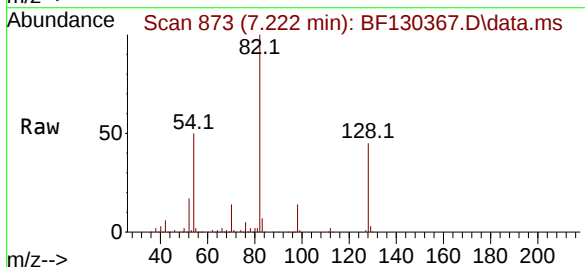


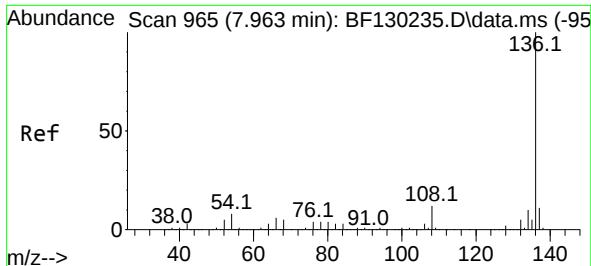
Tgt Ion: 99 Resp: 718107
Ion Ratio Lower Upper
99 100
42 19.0 17.0 25.6
71 37.9 32.3 48.5



#19
n-Nitroso-di-n-propylamine
Concen: 11.465 ng
RT: 7.222 min Scan# 873
Delta R.T. 0.129 min
Lab File: BF130367.D
Acq: 21 Sep 2022 18:14

Tgt Ion: 70 Resp: 61343
Ion Ratio Lower Upper
70 100
42 44.9 50.8 76.2#
101 0.0 8.2 12.4#
130 2.5 16.6 25.0#

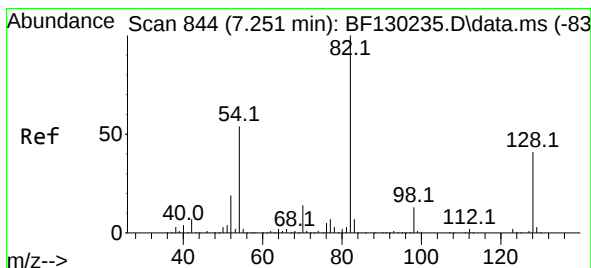
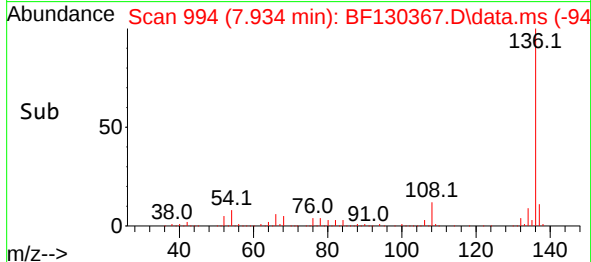
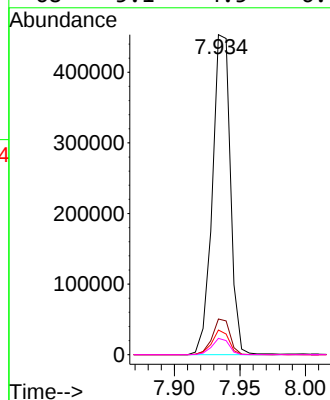
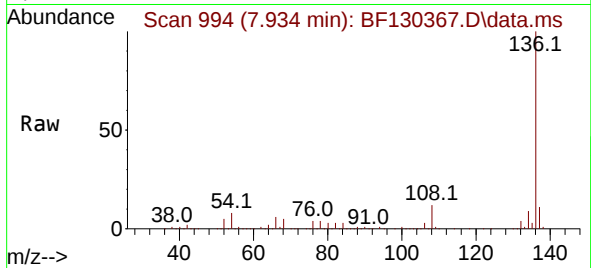




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.934 min Scan# 911
Delta R.T. -0.012 min
Lab File: BF130367.D
Acq: 21 Sep 2022 18:14

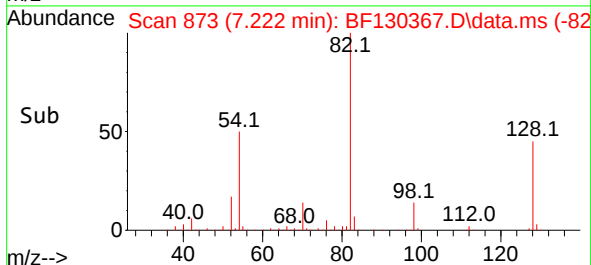
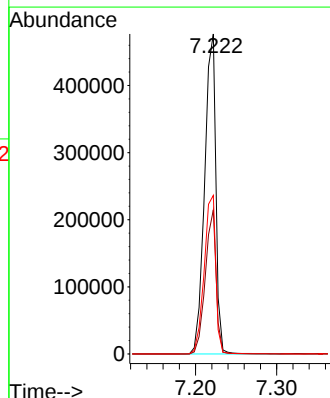
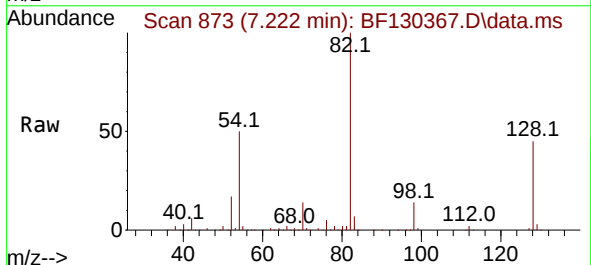
Instrument :
BNA_F
ClientSampleId :
SB-09-COMP

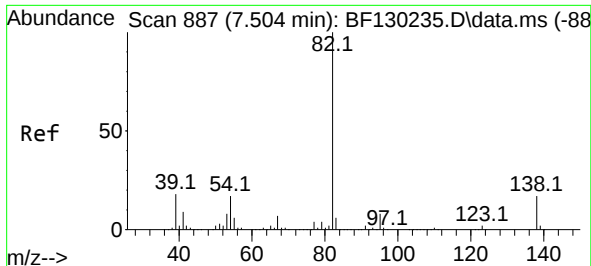
Tgt Ion:136 Resp: 434128
Ion Ratio Lower Upper
136 100
137 11.2 9.1 13.7
54 7.7 7.1 10.7
68 5.1 4.5 6.7



#23
Nitrobenzene-d5
Concen: 53.926 ng
RT: 7.222 min Scan# 873
Delta R.T. -0.012 min
Lab File: BF130367.D
Acq: 21 Sep 2022 18:14

Tgt Ion: 82 Resp: 458236
Ion Ratio Lower Upper
82 100
128 45.0 32.6 49.0
54 49.6 43.8 65.6

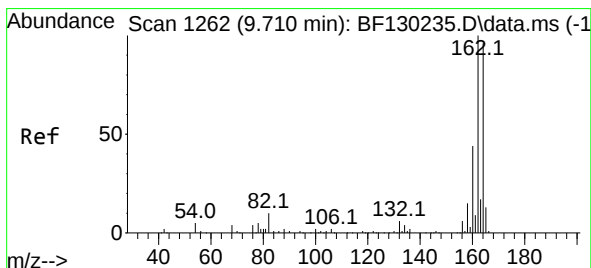
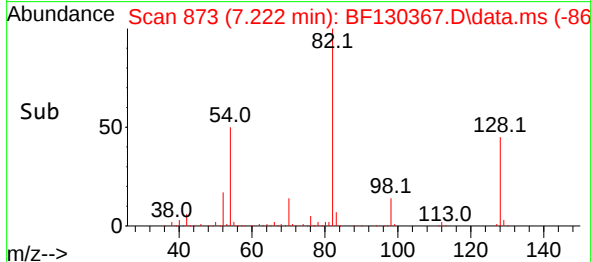
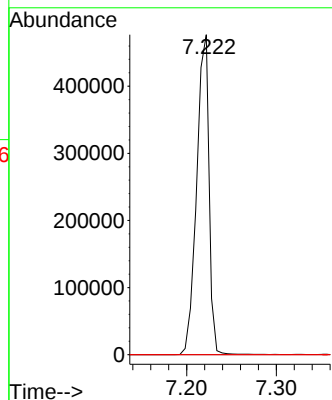
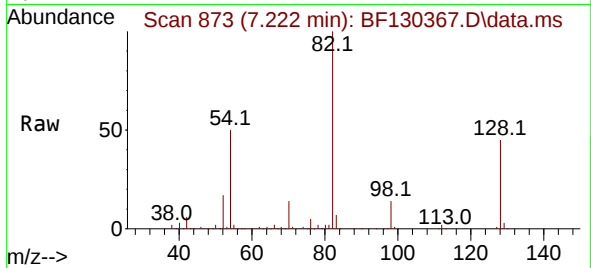




#25
Isophorone
Concen: 33.341 ng
RT: 7.222 min Scan# 81
Delta R.T. -0.270 min
Lab File: BF130367.D
Acq: 21 Sep 2022 18:14

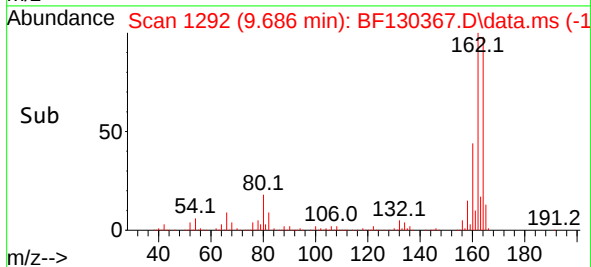
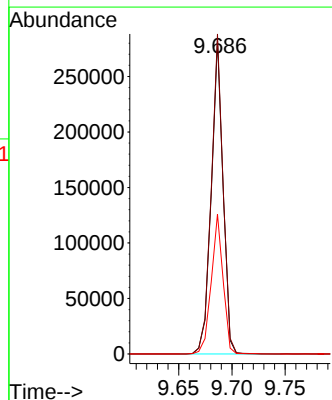
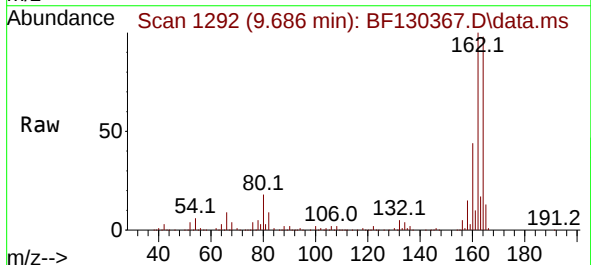
Instrument :
BNA_F
ClientSampleId :
SB-09-COMP

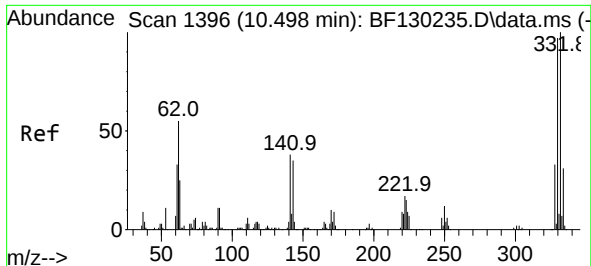
Tgt Ion: 82 Resp: 456647
Ion Ratio Lower Upper
82 100
95 0.0 6.4 9.6#
138 0.0 13.8 20.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.686 min Scan# 1292
Delta R.T. -0.006 min
Lab File: BF130367.D
Acq: 21 Sep 2022 18:14

Tgt Ion: 164 Resp: 217020
Ion Ratio Lower Upper
164 100
162 101.9 81.4 122.0
160 44.5 36.2 54.4





#42

2,4,6-Tribromophenol

Concen: 77.268 ng

RT: 10.475 min Scan# 1426

Delta R.T. -0.006 min

Lab File: BF130367.D

Acq: 21 Sep 2022 18:14

Instrument :

BNA_F

ClientSampleId :

SB-09-COMP

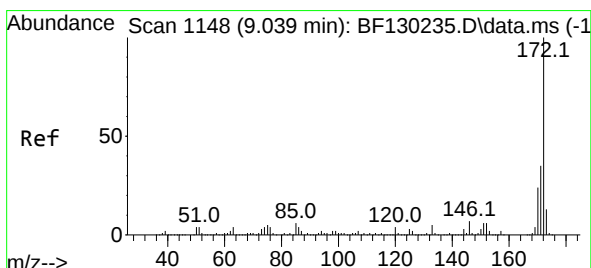
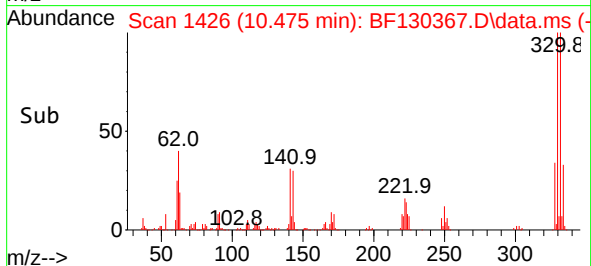
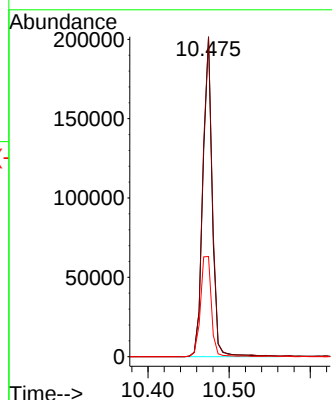
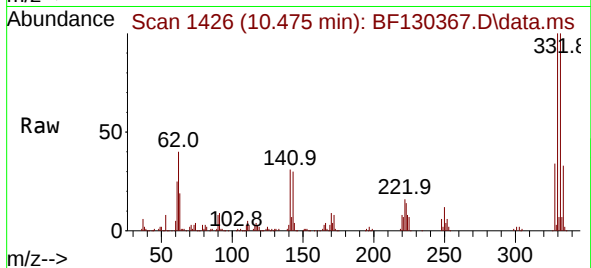
Tgt Ion:330 Resp: 160676

Ion Ratio Lower Upper

330 100

332 102.7 83.4 125.2

141 36.8 34.0 51.0



#45

2-Fluorobiphenyl

Concen: 57.681 ng

RT: 9.016 min Scan# 1178

Delta R.T. -0.006 min

Lab File: BF130367.D

Acq: 21 Sep 2022 18:14

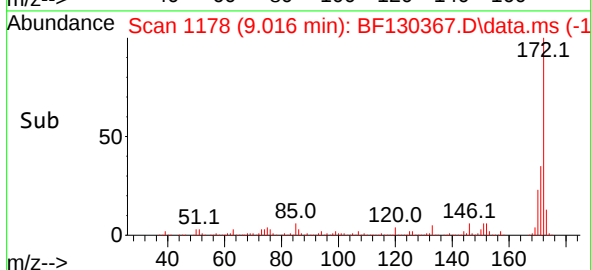
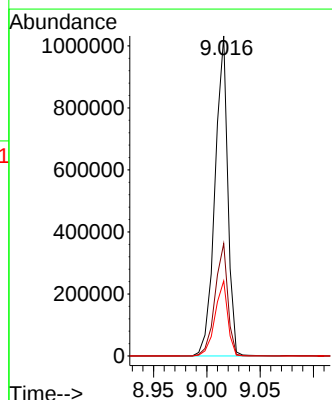
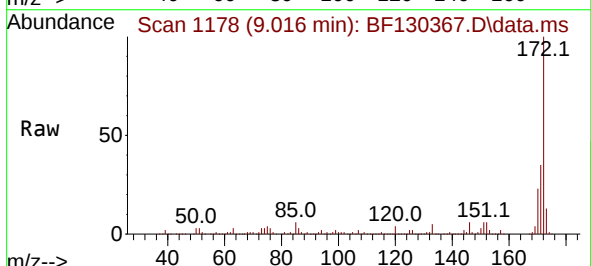
Tgt Ion:172 Resp: 859631

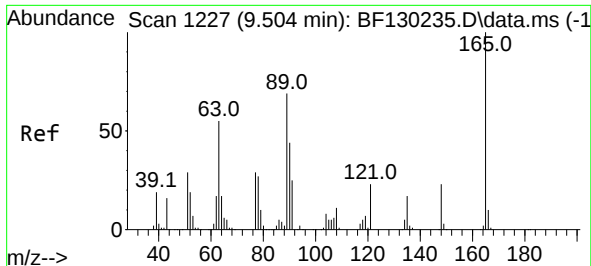
Ion Ratio Lower Upper

172 100

171 35.1 28.3 42.5

170 23.5 18.7 28.1





#51

2,6-Dinitrotoluene

Concen: 9.025 ng

RT: 9.686 min Scan# 1292

Delta R.T. 0.200 min

Lab File: BF130367.D

Acq: 21 Sep 2022 18:14

Instrument :

BNA_F

ClientSampleId :

SB-09-COMP

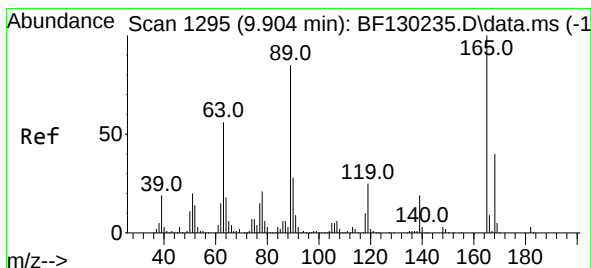
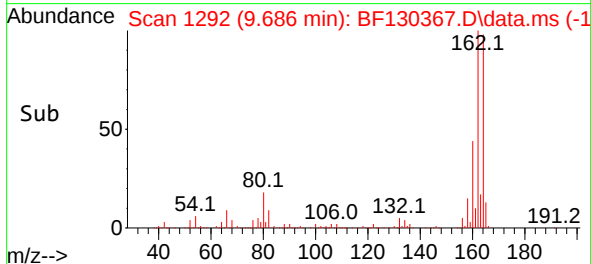
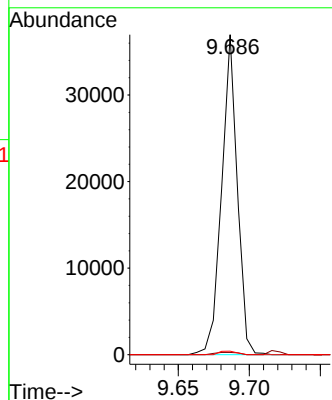
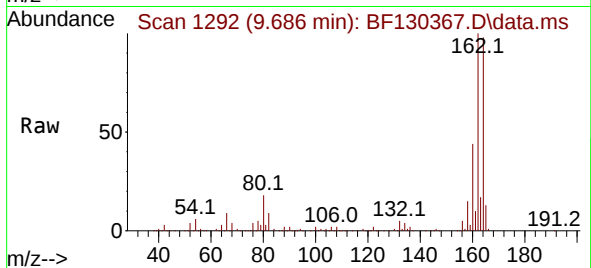
Tgt Ion:165 Resp: 28295

Ion Ratio Lower Upper

165 100

63 0.7 58.8 88.2#

89 1.1 54.5 81.7#



#57

2,4-Dinitrotoluene

Concen: 7.062 ng

RT: 9.686 min Scan# 1292

Delta R.T. -0.200 min

Lab File: BF130367.D

Acq: 21 Sep 2022 18:14

Tgt Ion:165 Resp: 28295

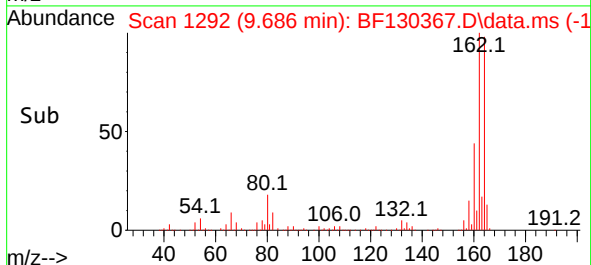
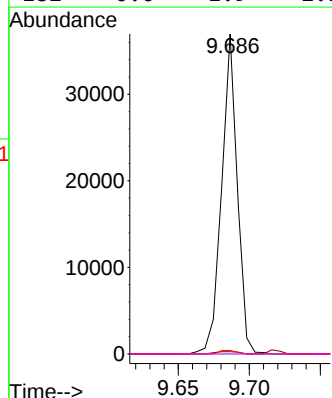
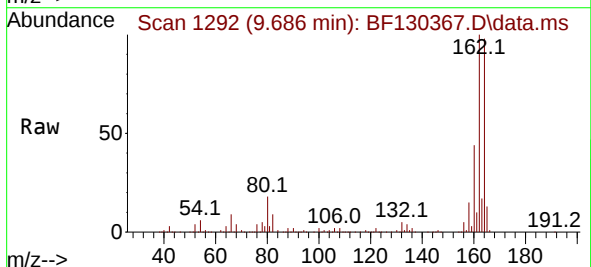
Ion Ratio Lower Upper

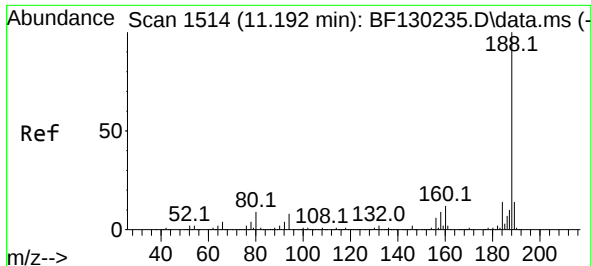
165 100

63 0.7 44.7 67.1#

89 1.1 69.0 103.4#

182 0.0 1.9 2.9#

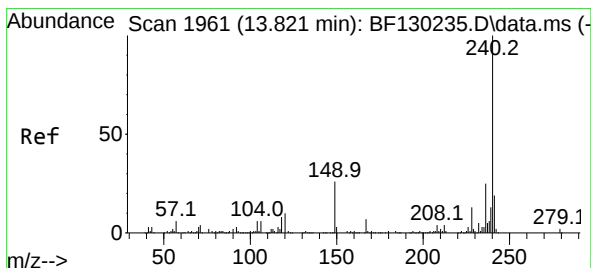
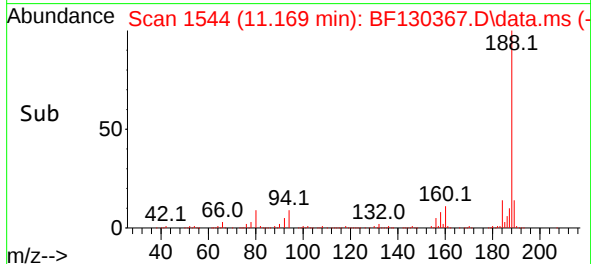
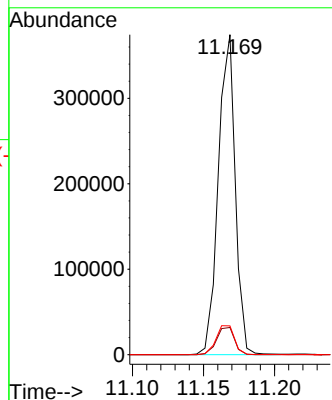
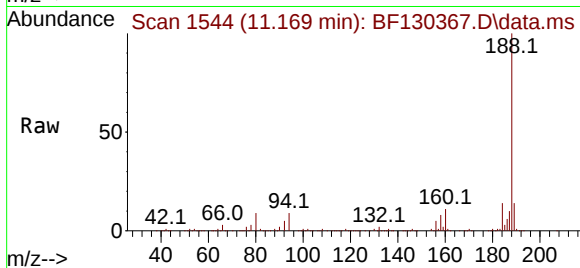




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.169 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF130367.D
Acq: 21 Sep 2022 18:14

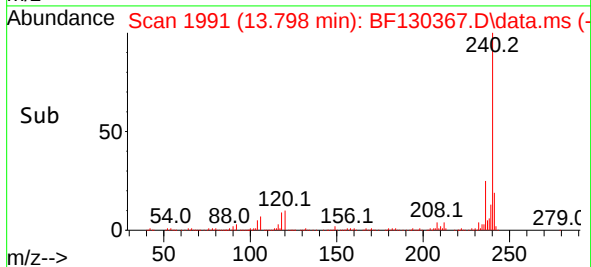
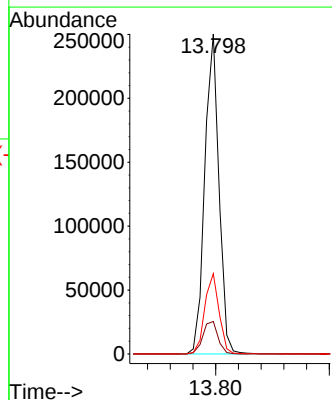
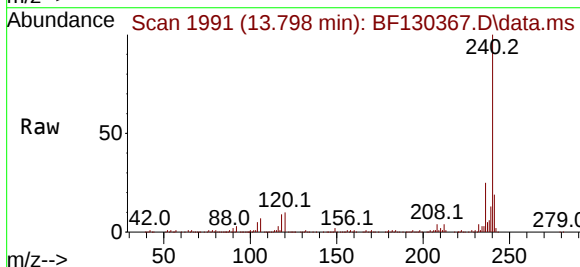
Instrument :
BNA_F
ClientSampleId :
SB-09-COMP

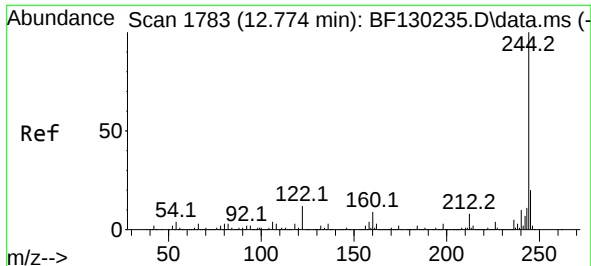
Tgt Ion:188 Resp: 310059
Ion Ratio Lower Upper
188 100
94 8.5 7.4 11.2
80 9.0 7.9 11.9



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.798 min Scan# 1991
Delta R.T. -0.006 min
Lab File: BF130367.D
Acq: 21 Sep 2022 18:14

Tgt Ion:240 Resp: 216332
Ion Ratio Lower Upper
240 100
120 10.1 8.7 13.1
236 25.1 20.9 31.3

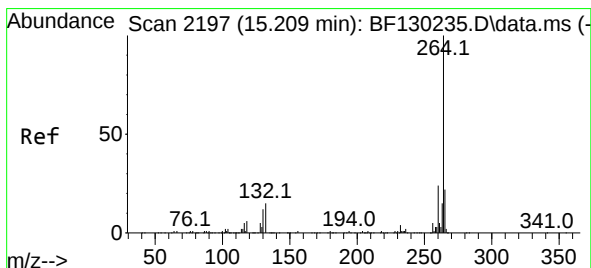
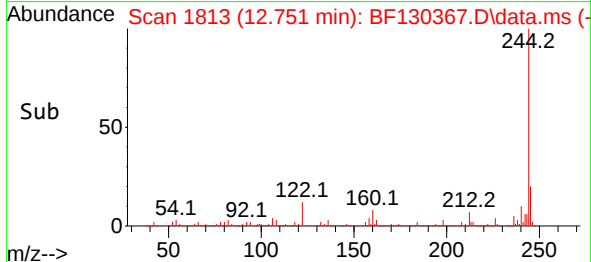
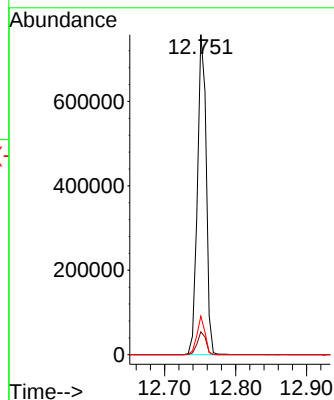
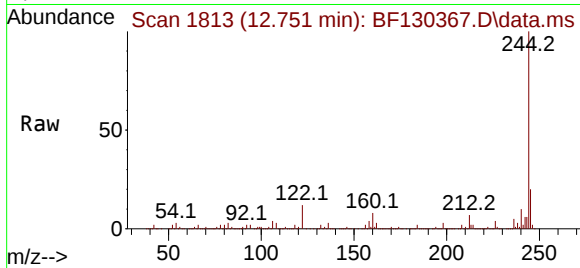




#79
 Terphenyl-d14
 Concen: 50.014 ng
 RT: 12.751 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF130367.D
 Acq: 21 Sep 2022 18:14

Instrument :
 BNA_F
 ClientSampleId :
 SB-09-COMP

Tgt Ion:244 Resp: 653171
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.9 8.9
 122 12.1 8.5 12.7



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.192 min Scan# 2228
 Delta R.T. 0.006 min
 Lab File: BF130367.D
 Acq: 21 Sep 2022 18:14

Tgt Ion:264 Resp: 226624
 Ion Ratio Lower Upper
 264 100
 260 23.8 19.3 28.9
 265 21.4 17.0 25.4

