

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091223\
 Data File : BF135215.D
 Acq On : 13 Sep 2023 09:46
 Operator : CG\JU
 Sample : 04299-02
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-01-COMP

Quant Time: Sep 13 12:09:59 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 12 00:19:07 2023
 Response via : Initial Calibration

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

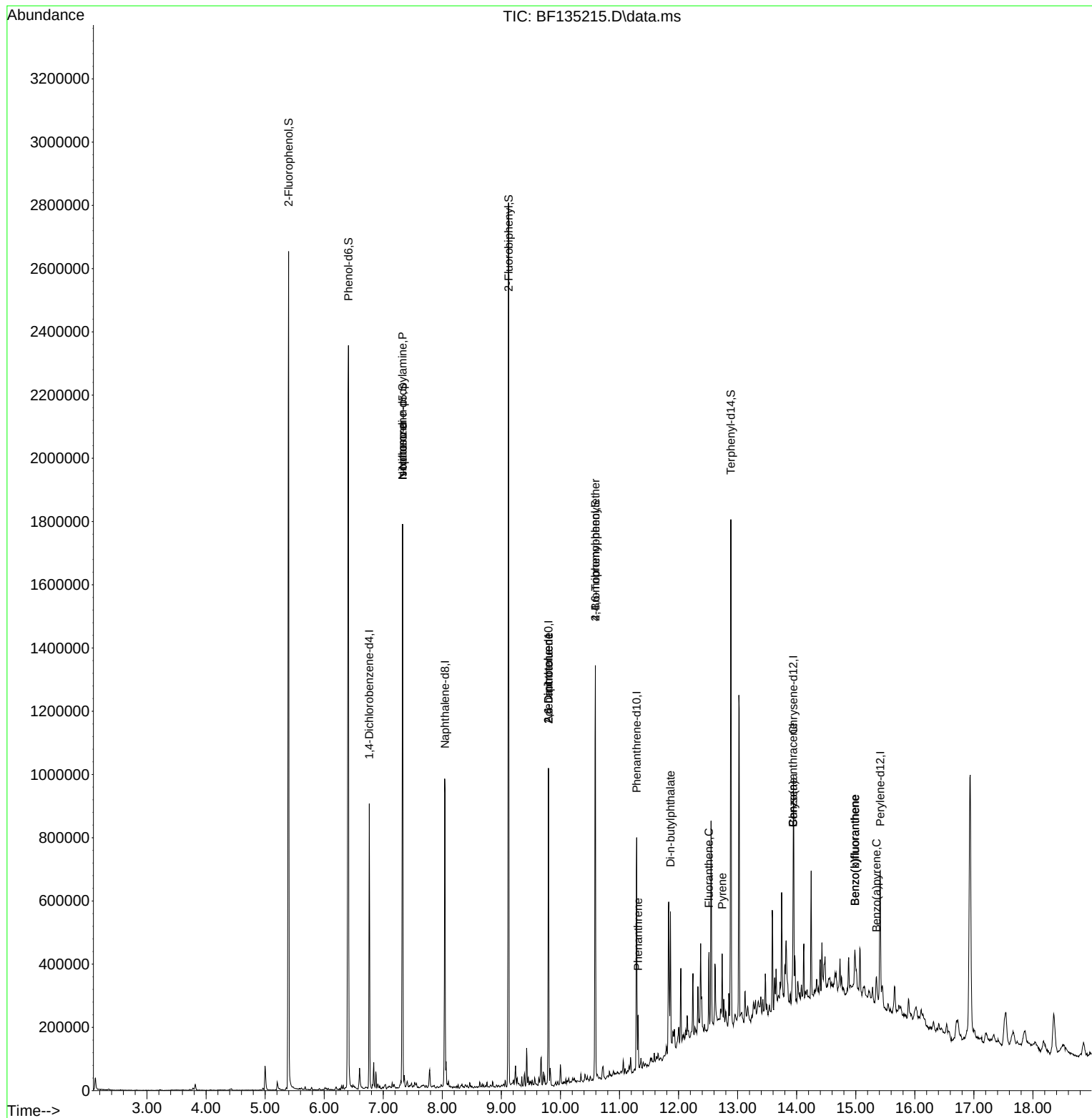
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.763	152	120291	20.000	ng	0.00
21) Naphthalene-d8	8.045	136	431435	20.000	ng	0.00
39) Acenaphthene-d10	9.798	164	183575	20.000	ng	0.00
64) Phenanthrene-d10	11.292	188	271904	20.000	ng	0.00
76) Chrysene-d12	13.945	240	222141	20.000	ng	0.00
86) Perylene-d12	15.415	264	208429	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.398	112	702656	95.006	ng	0.01
7) Phenol-d6	6.410	99	875869	93.134	ng	0.00
23) Nitrobenzene-d5	7.328	82	532171	67.015	ng	0.00
42) 2,4,6-Tribromophenol	10.592	330	150383	82.434	ng	0.00
45) 2-Fluorobiphenyl	9.122	172	788825	64.830	ng	0.00
79) Terphenyl-d14	12.886	244	541400	37.781	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.328	70	71058	12.199	ng	# 79
25) Isophorone	7.328	82	528206	36.223	ng	# 65
51) 2,6-Dinitrotoluene	9.798	165	23827	8.763	ng	# 17
57) 2,4-Dinitrotoluene	9.798	165	23827	7.000	ng	# 19
67) 4-Bromophenyl-phenylether	10.592	248	9323	3.447	ng	# 1
71) Phenanthrene	11.316	178	64002	4.977	ng	99
74) Di-n-butylphthalate	11.863	149	179881	12.686	ng	100
75) Fluoranthene	12.516	202	94742	7.070	ng	97
78) Pyrene	12.739	202	90348	4.272	ng	99
81) Benzo(a)anthracene	13.939	228	46424	3.236	ng	97
83) Chrysene	13.939	228	46424	3.255	ng	98
88) Benzo(b)fluoranthene	14.986	252	71792	6.363	ng	# 88
89) Benzo(k)fluoranthene	14.986	252	71792	6.441	ng	# 88
90) Benzo(a)pyrene	15.351	252	31416	2.920	ng	# 87

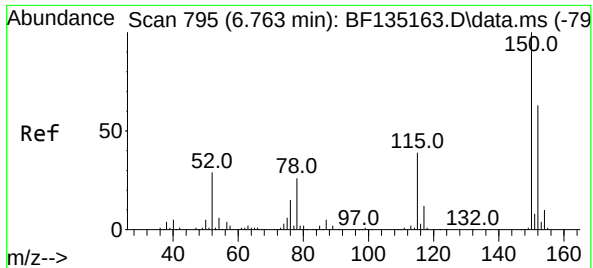
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091223\
Data File : BF135215.D
Acq On : 13 Sep 2023 09:46
Operator : CG\JU
Sample : 04299-02
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-01-COMP

Quant Time: Sep 13 12:09:59 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 12 00:19:07 2023
Response via : Initial Calibration

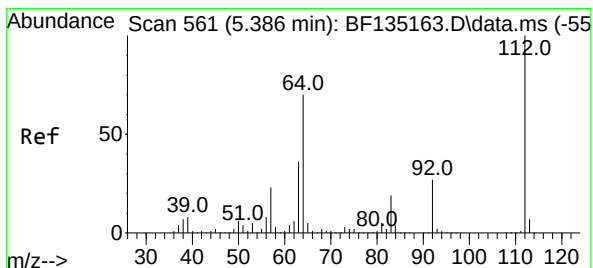
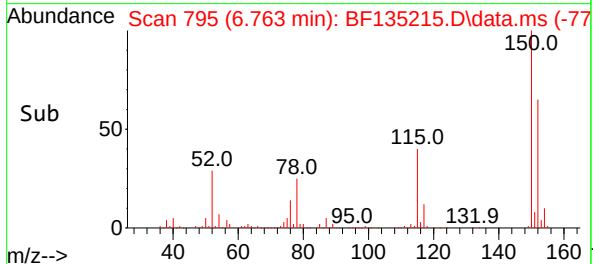
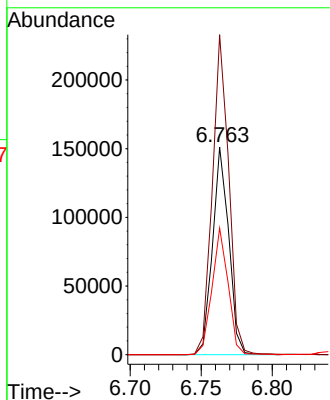
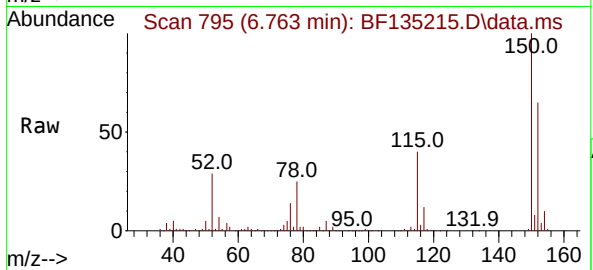




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.763 min Scan# 795
Delta R.T. -0.000 min
Lab File: BF135215.D
Acq: 13 Sep 2023 09:46

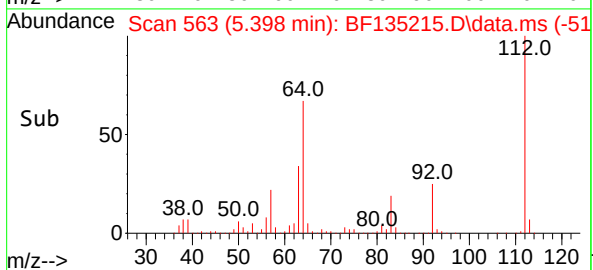
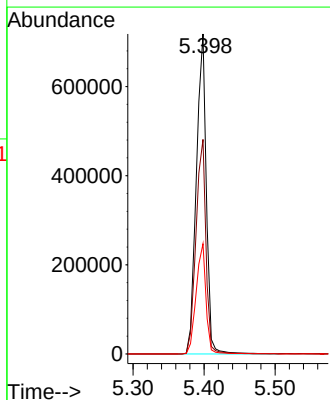
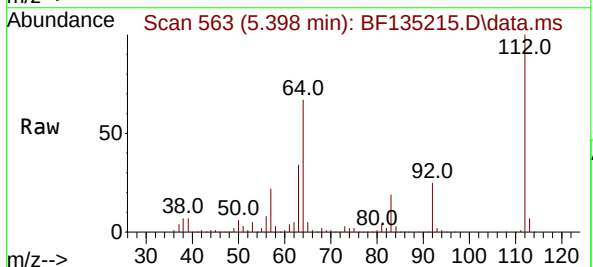
Instrument :
BNA_F
ClientSampleId :
SB-01-COMP

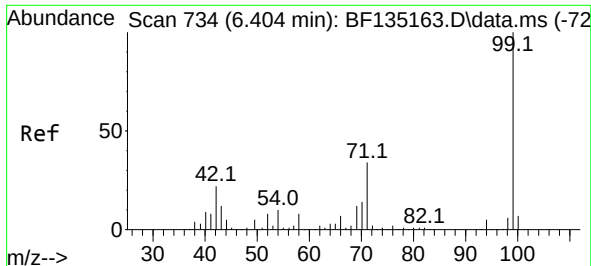
Tgt Ion:152 Resp: 120291
Ion Ratio Lower Upper
152 100
150 154.1 127.8 191.6
115 60.9 49.8 74.8



#5
2-Fluorophenol
Concen: 95.006 ng
RT: 5.398 min Scan# 563
Delta R.T. 0.012 min
Lab File: BF135215.D
Acq: 13 Sep 2023 09:46

Tgt Ion:112 Resp: 702656
Ion Ratio Lower Upper
112 100
64 67.0 55.9 83.9
63 34.5 29.0 43.6

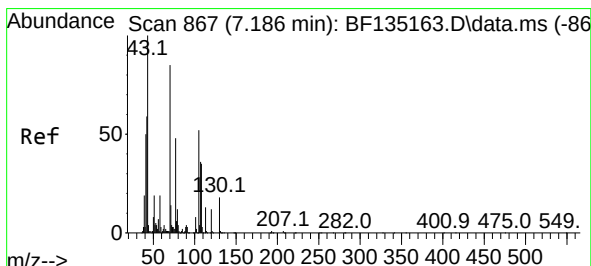
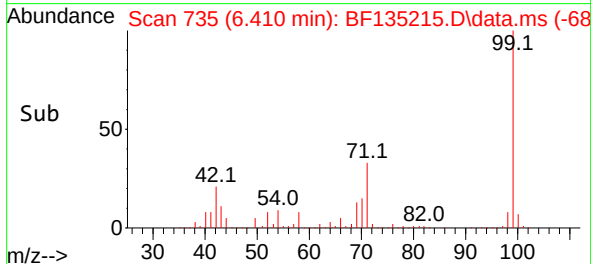
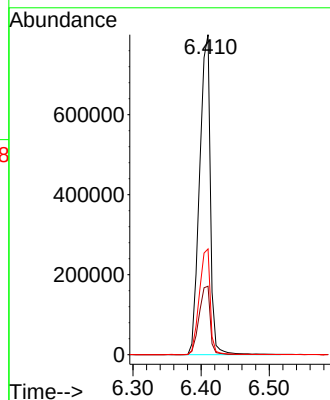
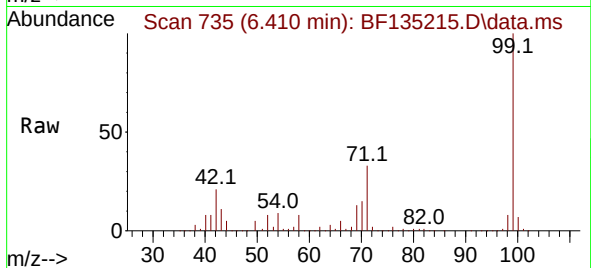




#7
Phenol-d6
Concen: 93.134 ng
RT: 6.410 min Scan# 71
Delta R.T. 0.006 min
Lab File: BF135215.D
Acq: 13 Sep 2023 09:46

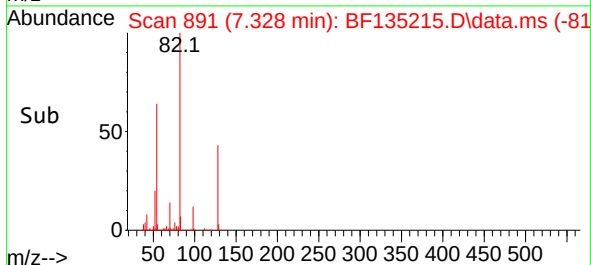
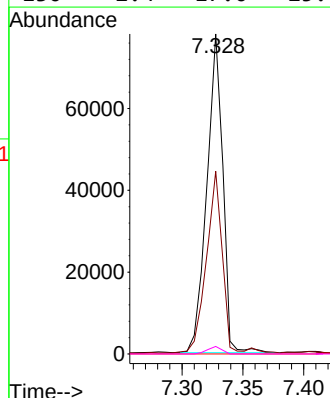
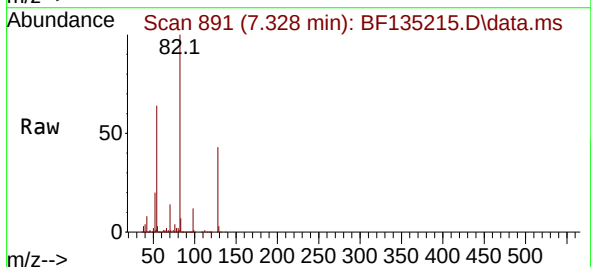
Instrument :
BNA_F
ClientSampleId :
SB-01-COMP

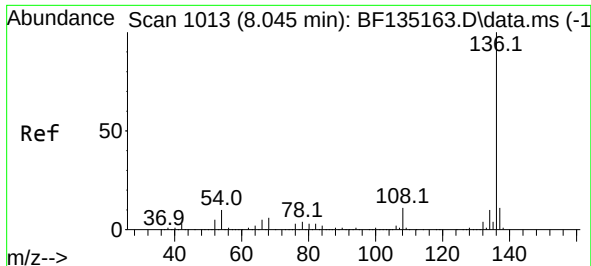
Tgt Ion: 99 Resp: 875869
Ion Ratio Lower Upper
99 100
42 21.4 17.9 26.9
71 33.0 27.0 40.6



#19
n-Nitroso-di-n-propylamine
Concen: 12.199 ng
RT: 7.328 min Scan# 891
Delta R.T. 0.141 min
Lab File: BF135215.D
Acq: 13 Sep 2023 09:46

Tgt Ion: 70 Resp: 71058
Ion Ratio Lower Upper
70 100
42 57.1 55.4 83.0
101 0.0 7.7 11.5#
130 2.4 17.0 25.6#

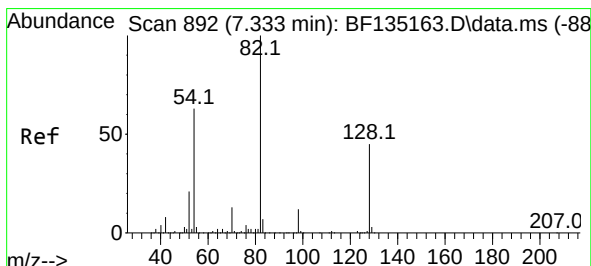
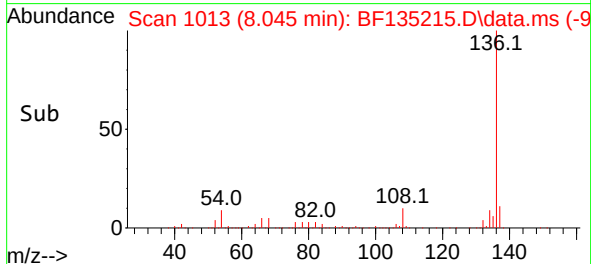
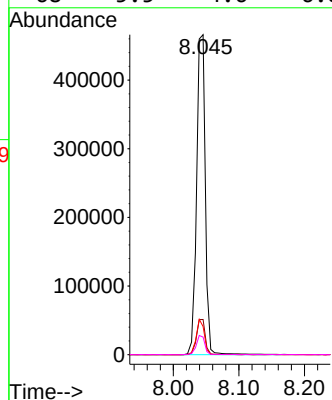
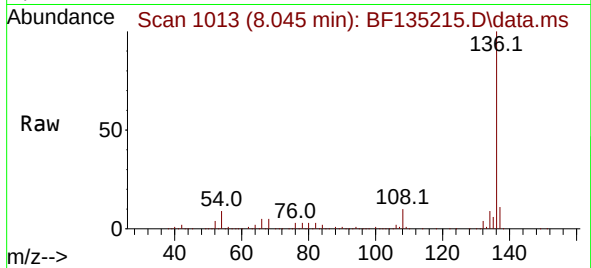




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.045 min Scan# 1013
Delta R.T. 0.000 min
Lab File: BF135215.D
Acq: 13 Sep 2023 09:46

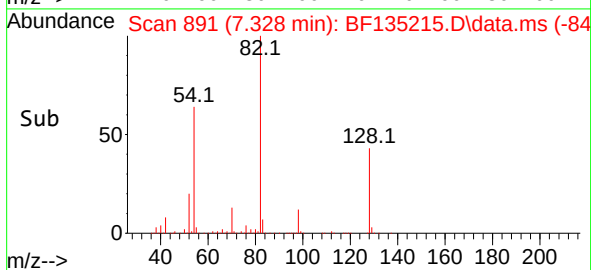
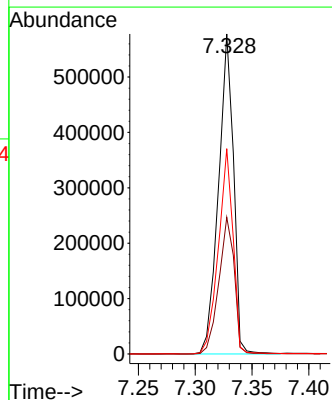
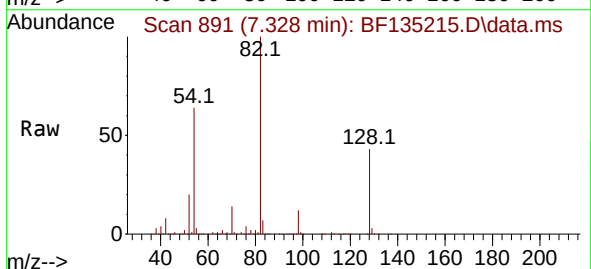
Instrument :
BNA_F
ClientSampleId :
SB-01-COMP

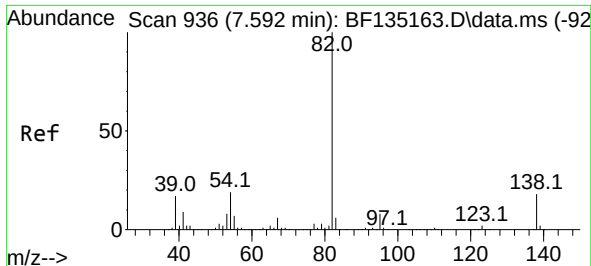
Tgt Ion:136 Resp: 431435
Ion Ratio Lower Upper
136 100
137 11.0 8.8 13.2
54 8.8 7.7 11.5
68 5.5 4.6 6.8



#23
Nitrobenzene-d5
Concen: 67.015 ng
RT: 7.328 min Scan# 891
Delta R.T. -0.006 min
Lab File: BF135215.D
Acq: 13 Sep 2023 09:46

Tgt Ion: 82 Resp: 532171
Ion Ratio Lower Upper
82 100
128 42.7 35.8 53.6
54 64.2 50.6 76.0

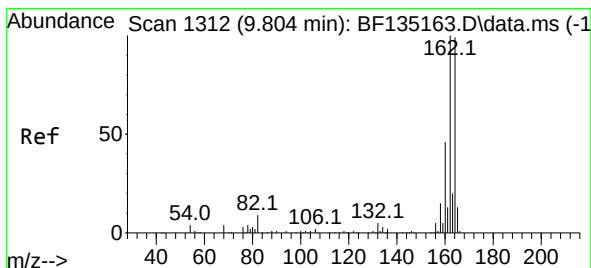
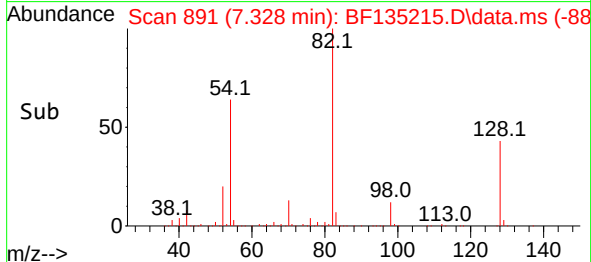
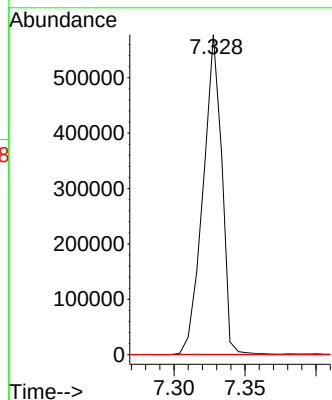
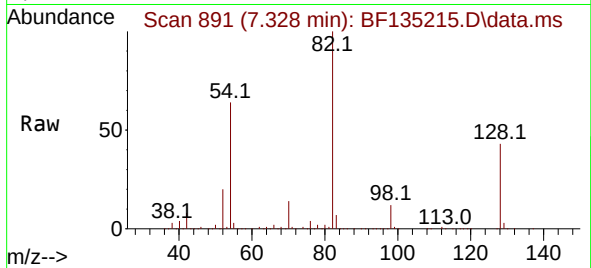




#25
Isophorone
Concen: 36.223 ng
RT: 7.328 min Scan# 891
Delta R.T. -0.265 min
Lab File: BF135215.D
Acq: 13 Sep 2023 09:46

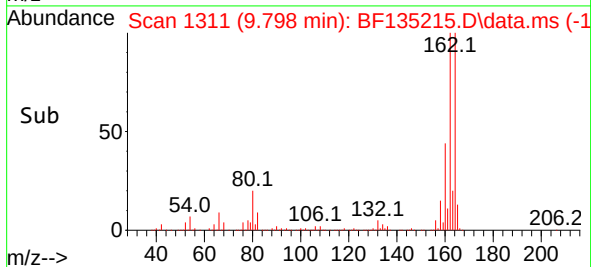
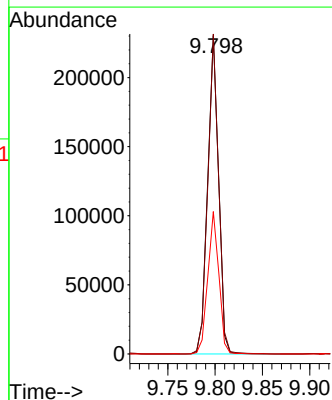
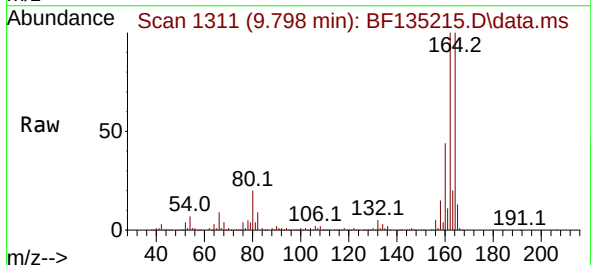
Instrument :
BNA_F
ClientSampleId :
SB-01-COMP

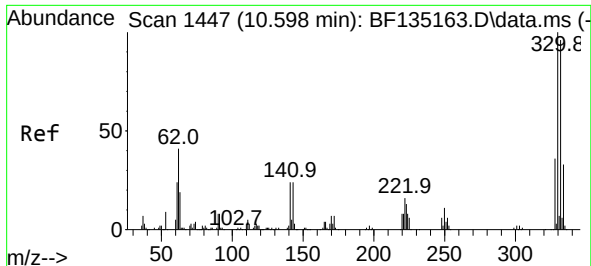
Tgt Ion: 82 Resp: 528206
Ion Ratio Lower Upper
82 100
95 0.1 6.0 9.0#
138 0.0 14.5 21.7#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.798 min Scan# 1311
Delta R.T. -0.006 min
Lab File: BF135215.D
Acq: 13 Sep 2023 09:46

Tgt Ion:164 Resp: 183575
Ion Ratio Lower Upper
164 100
162 100.5 81.0 121.4
160 44.7 37.0 55.4

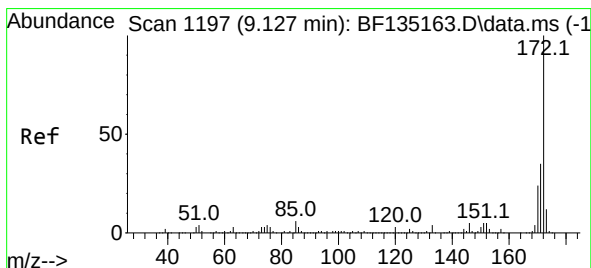
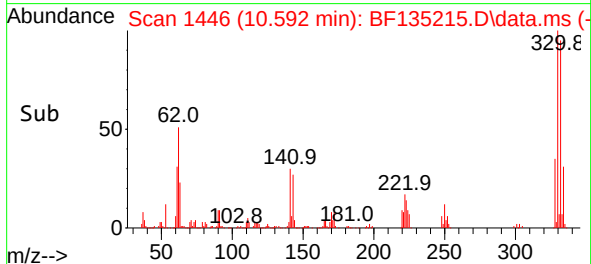
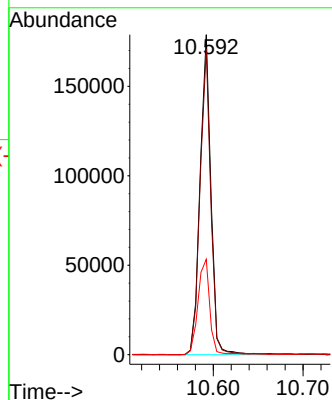
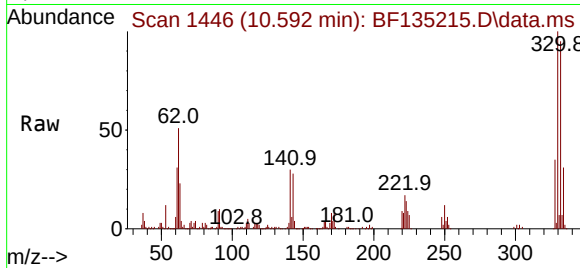




#42
2,4,6-Tribromophenol
Concen: 82.434 ng
RT: 10.592 min Scan# 1446
Delta R.T. -0.006 min
Lab File: BF135215.D
Acq: 13 Sep 2023 09:46

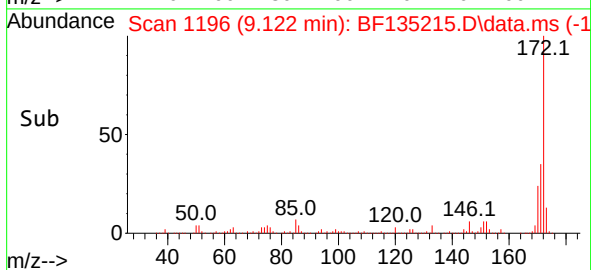
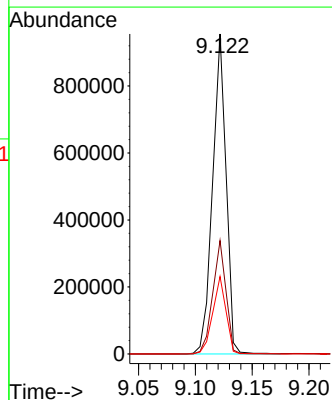
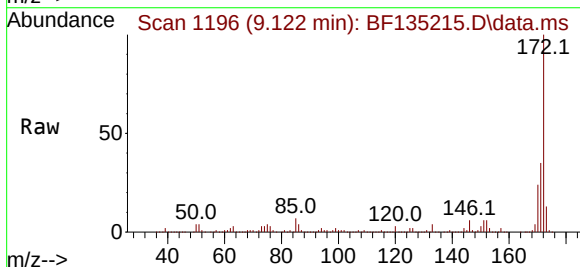
Instrument :
BNA_F
ClientSampleId :
SB-01-COMP

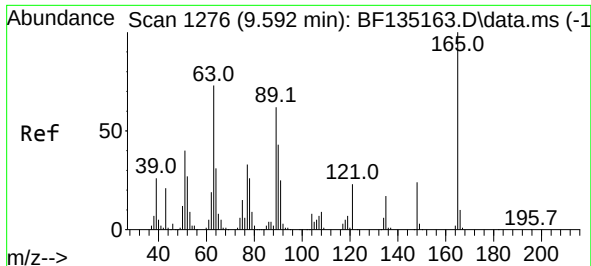
Tgt Ion:330 Resp: 150383
Ion Ratio Lower Upper
330 100
332 94.6 77.3 115.9
141 32.9 25.8 38.8



#45
2-Fluorobiphenyl
Concen: 64.830 ng
RT: 9.122 min Scan# 1196
Delta R.T. -0.006 min
Lab File: BF135215.D
Acq: 13 Sep 2023 09:46

Tgt Ion:172 Resp: 788825
Ion Ratio Lower Upper
172 100
171 35.5 28.4 42.6
170 24.2 19.0 28.4

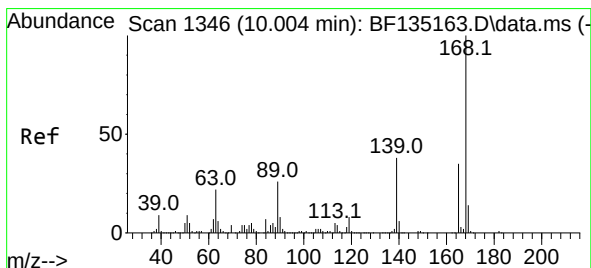
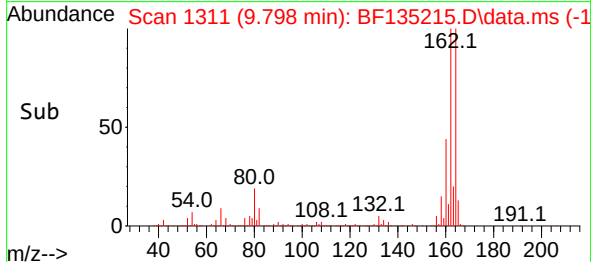
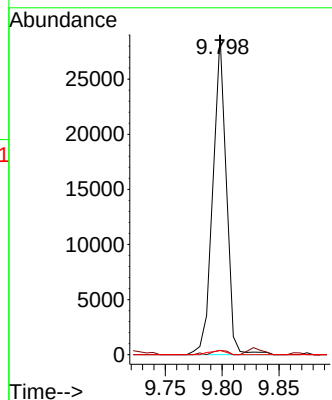
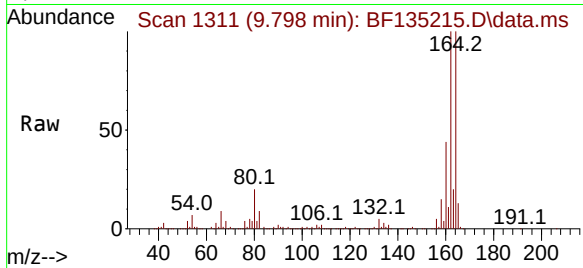




#51
2,6-Dinitrotoluene
Concen: 8.763 ng
RT: 9.798 min Scan# 11
Delta R.T. 0.206 min
Lab File: BF135215.D
Acq: 13 Sep 2023 09:46

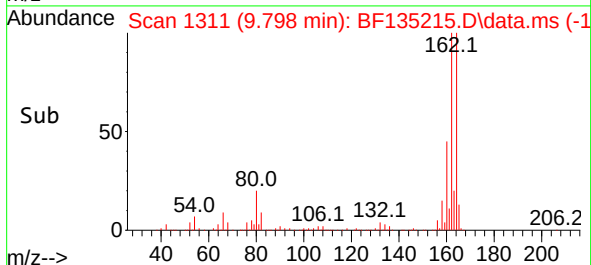
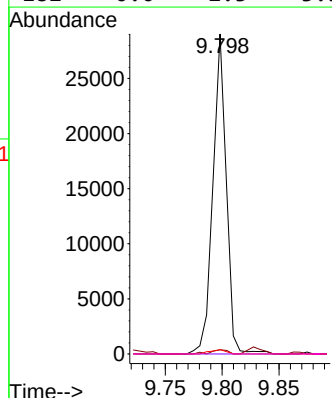
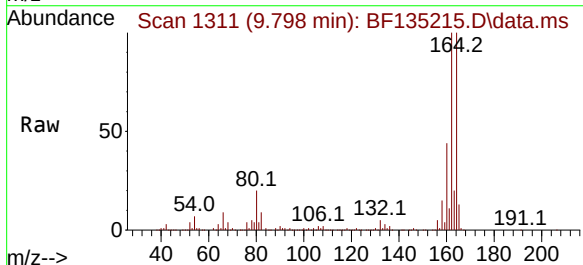
Instrument :
BNA_F
ClientSampleId :
SB-01-COMP

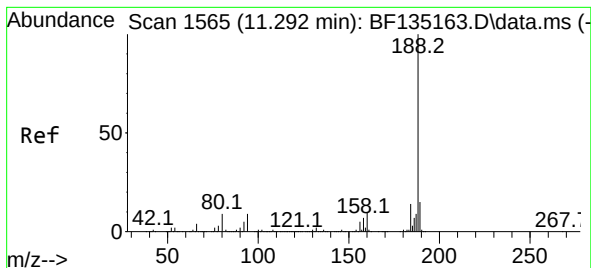
Tgt Ion:165 Resp: 23827
Ion Ratio Lower Upper
165 100
63 1.3 59.4 89.2#
89 1.4 49.8 74.8#



#57
2,4-Dinitrotoluene
Concen: 7.000 ng
RT: 9.798 min Scan# 1311
Delta R.T. -0.206 min
Lab File: BF135215.D
Acq: 13 Sep 2023 09:46

Tgt Ion:165 Resp: 23827
Ion Ratio Lower Upper
165 100
63 1.3 50.1 75.1#
89 1.4 59.3 88.9#
182 0.0 2.3 3.5#

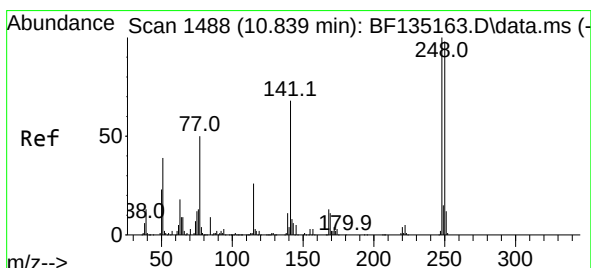
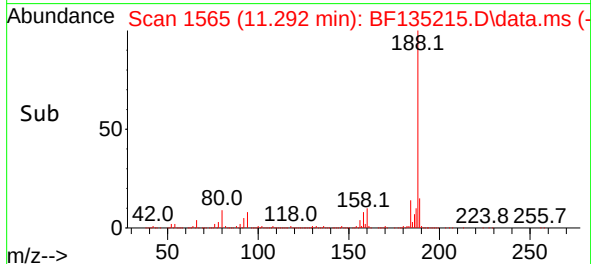
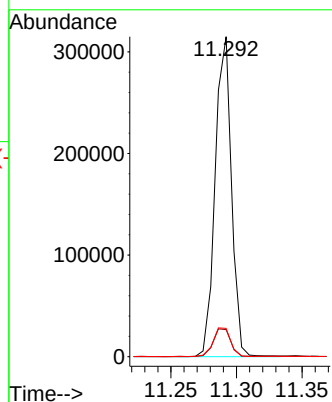
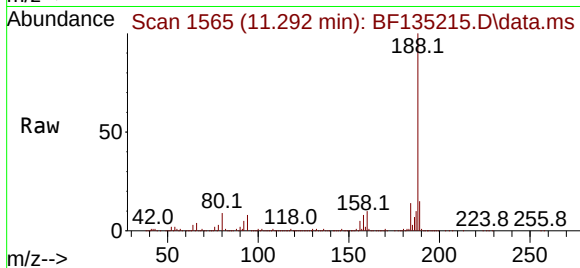




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.292 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF135215.D
Acq: 13 Sep 2023 09:46

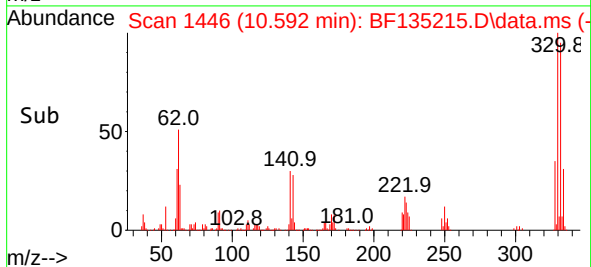
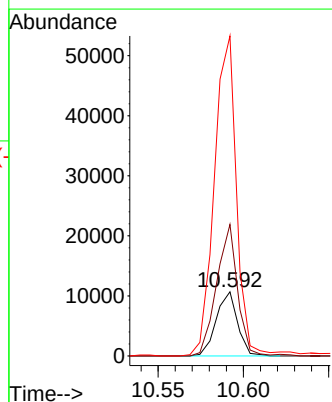
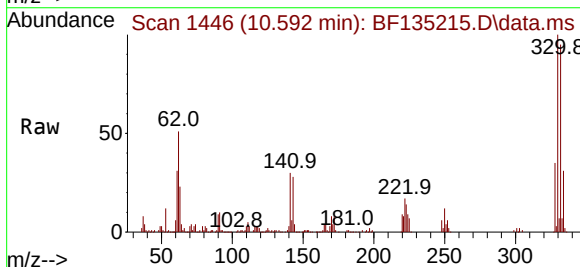
Instrument :
BNA_F
ClientSampleId :
SB-01-COMP

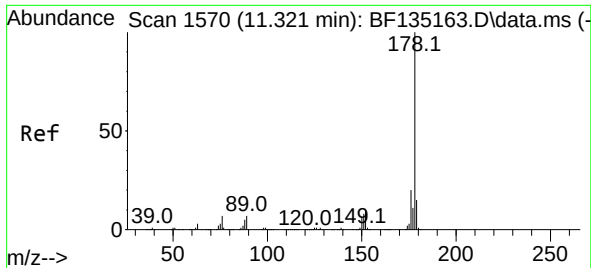
Tgt Ion:188 Resp: 271904
Ion Ratio Lower Upper
188 100
94 8.5 7.0 10.6
80 8.9 7.5 11.3



#67
4-Bromophenyl-phenylether
Concen: 3.447 ng
RT: 10.592 min Scan# 1446
Delta R.T. -0.247 min
Lab File: BF135215.D
Acq: 13 Sep 2023 09:46

Tgt Ion:248 Resp: 9323
Ion Ratio Lower Upper
248 100
250 204.9 78.6 117.8#
141 498.4 54.2 81.2#

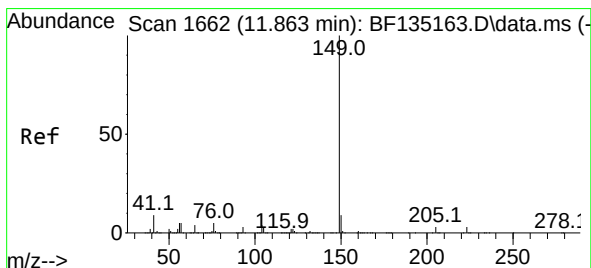
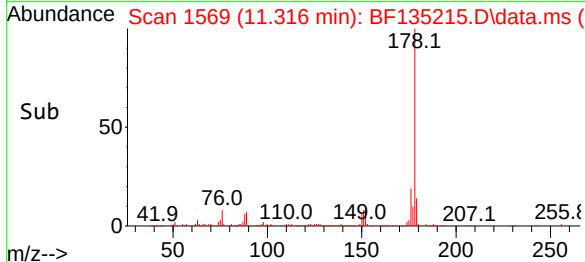
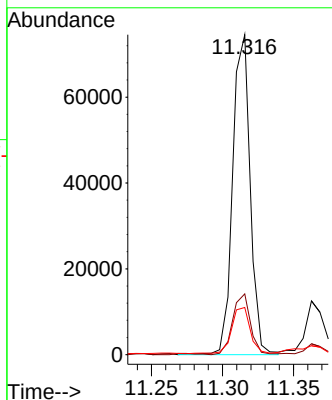
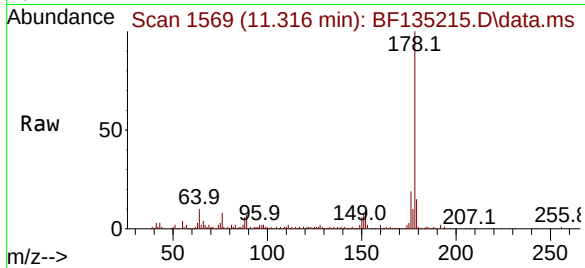




#71
Phenanthrene
Concen: 4.977 ng
RT: 11.316 min Scan# 1569
Delta R.T. -0.006 min
Lab File: BF135215.D
Acq: 13 Sep 2023 09:46

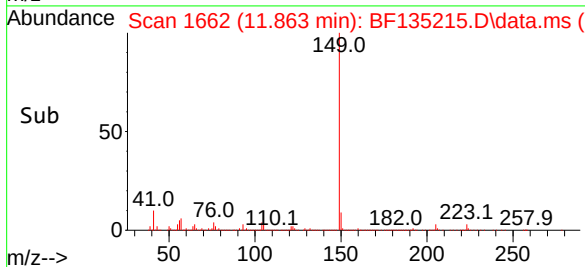
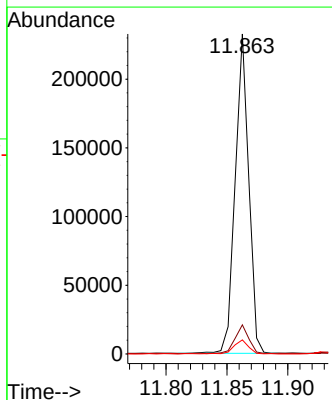
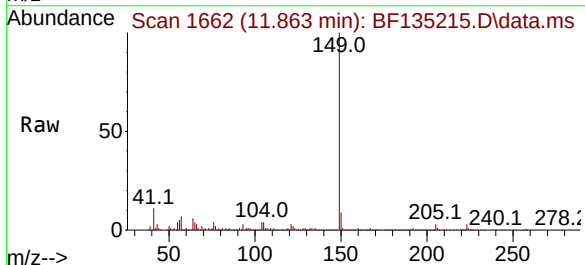
Instrument :
BNA_F
ClientSampleId :
SB-01-COMP

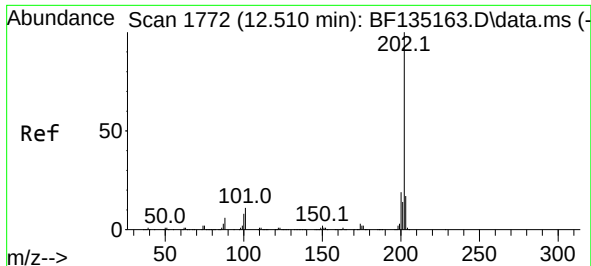
Tgt Ion:178 Resp: 64002
Ion Ratio Lower Upper
178 100
176 19.0 15.6 23.4
179 14.7 12.0 18.0



#74
Di-n-butylphthalate
Concen: 12.686 ng
RT: 11.863 min Scan# 1662
Delta R.T. 0.000 min
Lab File: BF135215.D
Acq: 13 Sep 2023 09:46

Tgt Ion:149 Resp: 179881
Ion Ratio Lower Upper
149 100
150 9.1 7.4 11.0
104 4.4 3.6 5.4

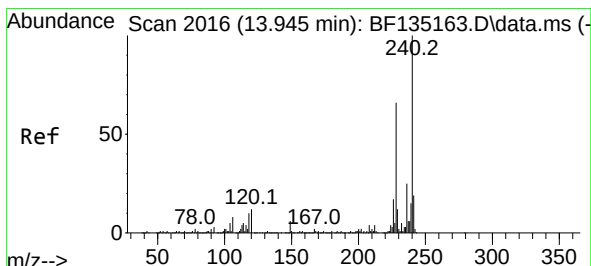
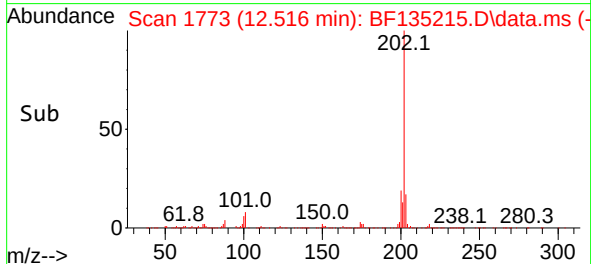
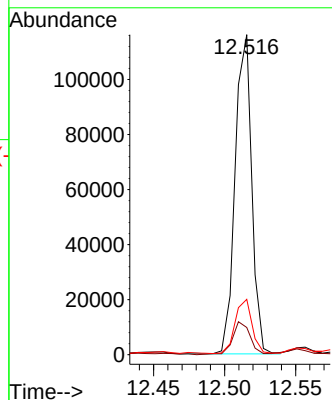
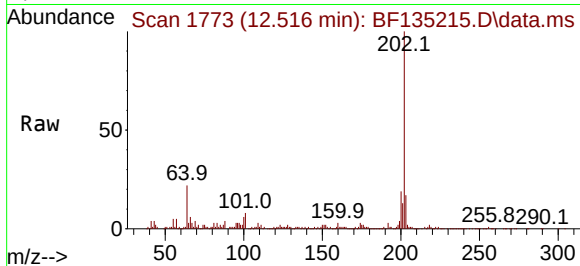




#75
Fluoranthene
Concen: 7.070 ng
RT: 12.516 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF135215.D
Acq: 13 Sep 2023 09:46

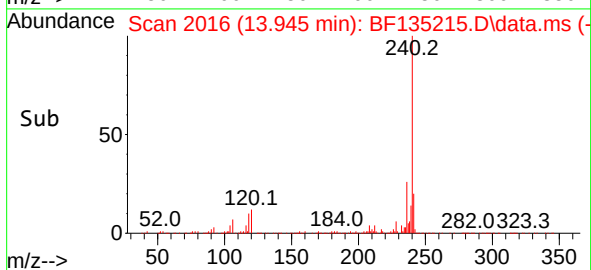
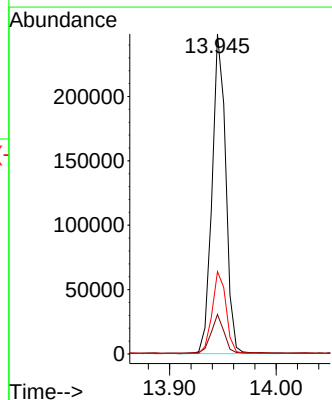
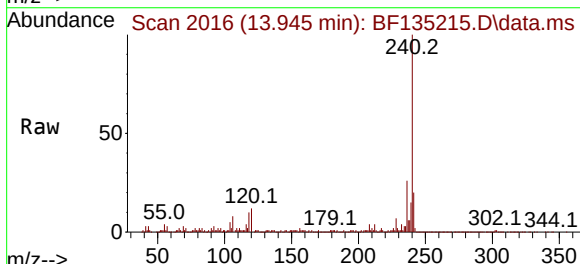
Instrument :
BNA_F
ClientSampleId :
SB-01-COMP

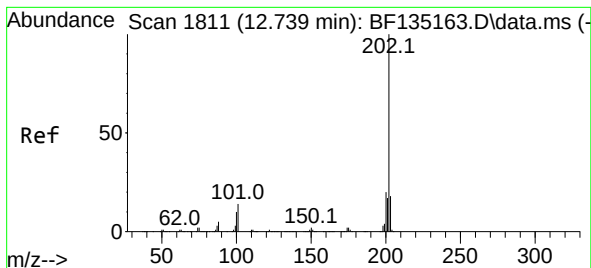
Tgt Ion:202 Resp: 94742
Ion Ratio Lower Upper
202 100
101 8.5 0.0 31.3
203 17.3 0.0 37.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.945 min Scan# 2016
Delta R.T. 0.000 min
Lab File: BF135215.D
Acq: 13 Sep 2023 09:46

Tgt Ion:240 Resp: 222141
Ion Ratio Lower Upper
240 100
120 12.3 9.4 14.2
236 25.7 19.8 29.8





#78

Pyrene

Concen: 4.272 ng

RT: 12.739 min Scan# 1811

Delta R.T. 0.000 min

Lab File: BF135215.D

Acq: 13 Sep 2023 09:46

Instrument :

BNA_F

ClientSampleId :

SB-01-COMP

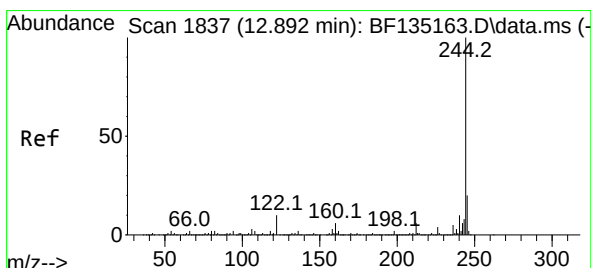
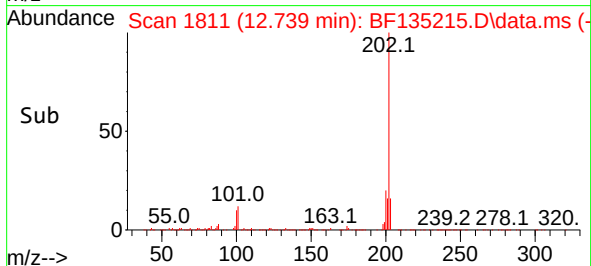
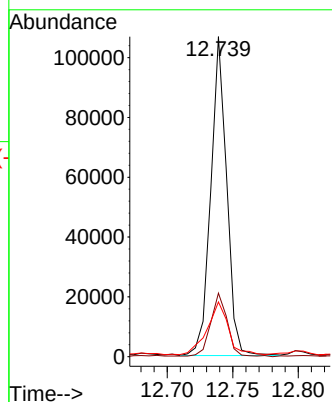
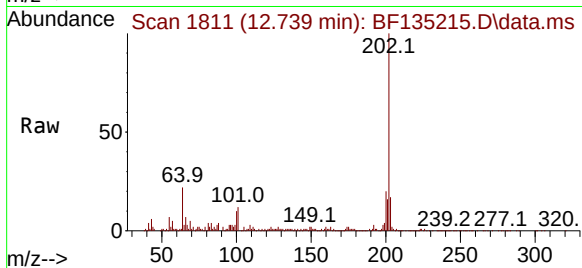
Tgt Ion:202 Resp: 90348

Ion Ratio Lower Upper

202 100

200 19.9 16.2 24.2

203 17.1 14.2 21.4



#79

Terphenyl-d14

Concen: 37.781 ng

RT: 12.886 min Scan# 1836

Delta R.T. -0.006 min

Lab File: BF135215.D

Acq: 13 Sep 2023 09:46

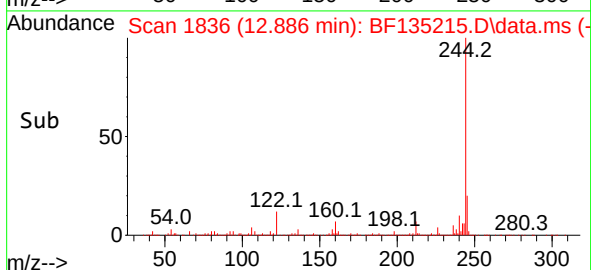
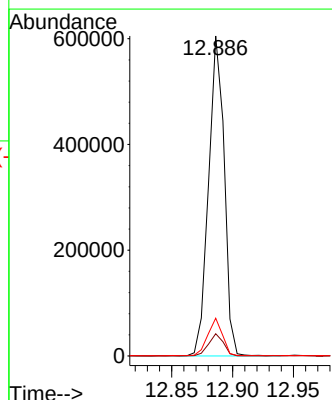
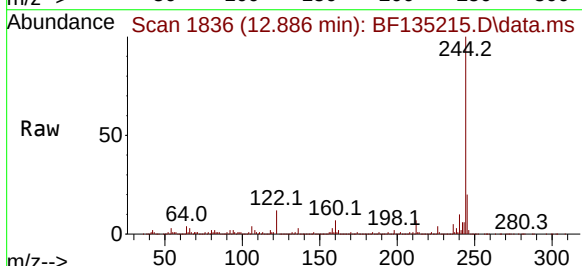
Tgt Ion:244 Resp: 541400

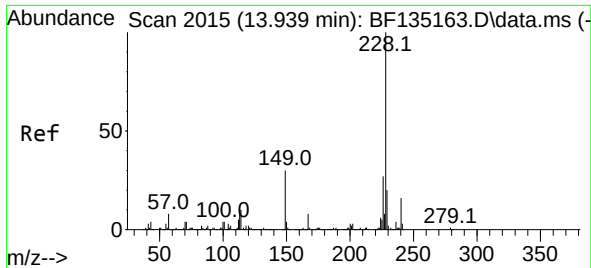
Ion Ratio Lower Upper

244 100

212 7.0 5.1 7.7

122 11.8 7.9 11.9

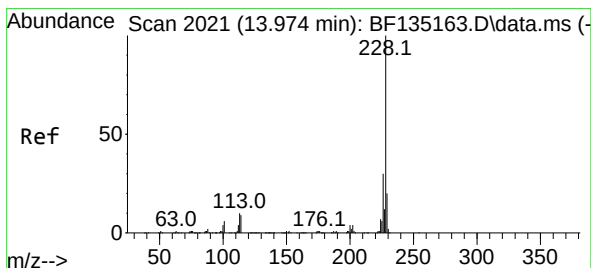
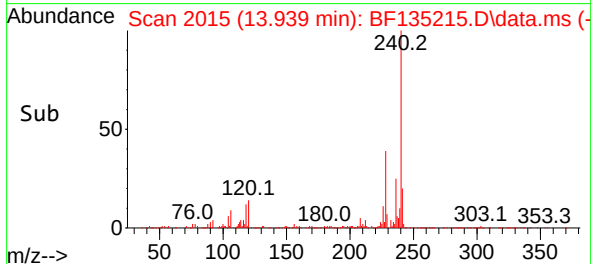
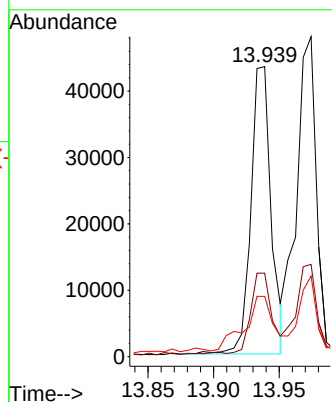
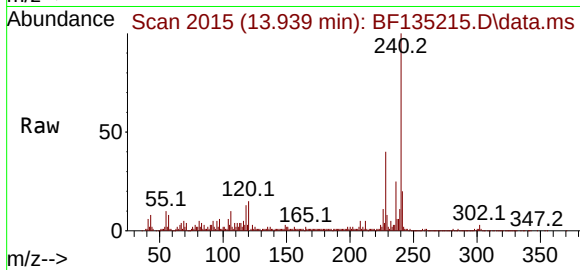




#81
Benzo(a)anthracene
Concen: 3.236 ng
RT: 13.939 min Scan# 2015
Delta R.T. 0.000 min
Lab File: BF135215.D
Acq: 13 Sep 2023 09:46

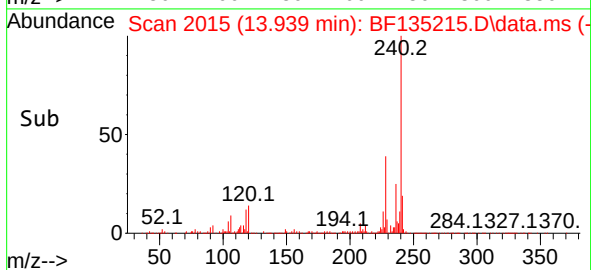
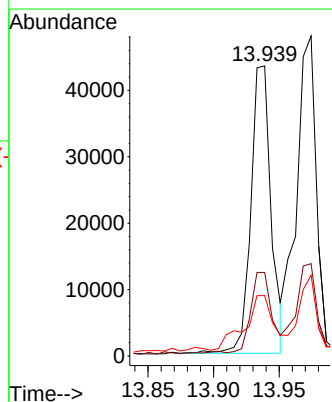
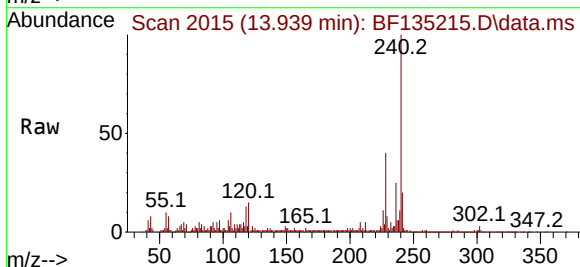
Instrument :
BNA_F
ClientSampleId :
SB-01-COMP

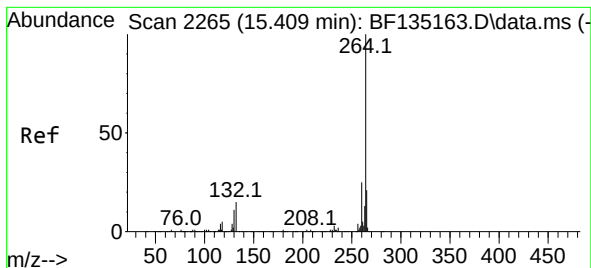
Tgt Ion:228 Resp: 46424
Ion Ratio Lower Upper
228 100
226 28.8 21.7 32.5
229 20.8 15.8 23.8



#83
Chrysene
Concen: 3.255 ng
RT: 13.939 min Scan# 2015
Delta R.T. -0.035 min
Lab File: BF135215.D
Acq: 13 Sep 2023 09:46

Tgt Ion:228 Resp: 46424
Ion Ratio Lower Upper
228 100
226 28.8 24.3 36.5
229 20.8 16.0 24.0





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.415 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF135215.D

Acq: 13 Sep 2023 09:46

Instrument :

BNA_F

ClientSampleId :

SB-01-COMP

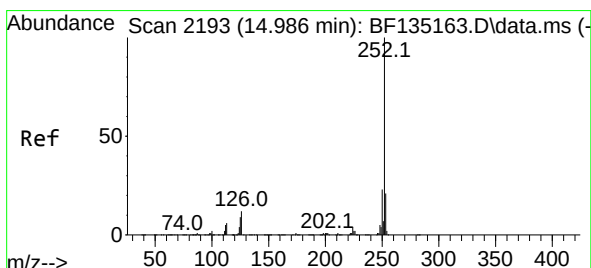
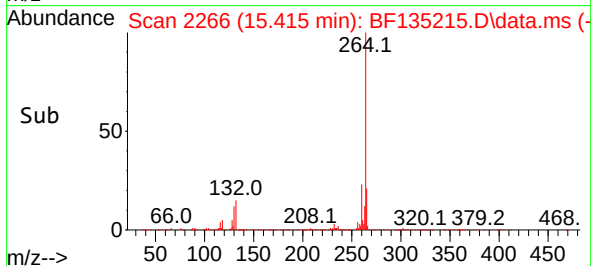
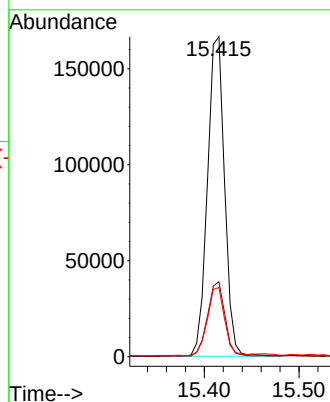
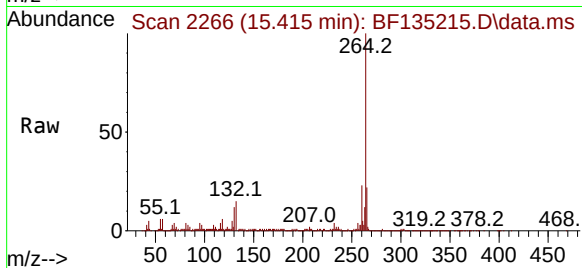
Tgt Ion:264 Resp: 208429

Ion Ratio Lower Upper

264 100

260 23.5 19.8 29.6

265 21.6 17.0 25.4



#88

Benzo(b)fluoranthene

Concen: 6.363 ng

RT: 14.986 min Scan# 2193

Delta R.T. 0.000 min

Lab File: BF135215.D

Acq: 13 Sep 2023 09:46

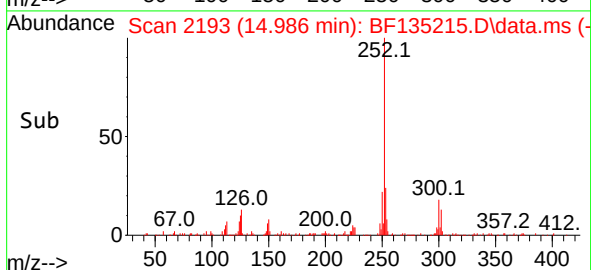
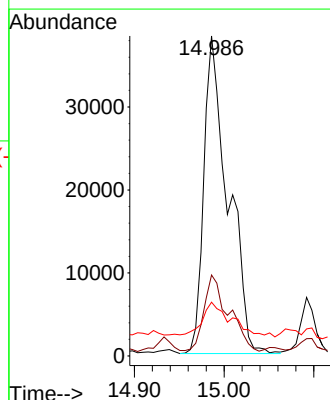
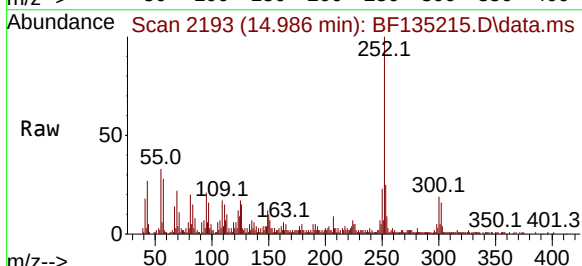
Tgt Ion:252 Resp: 71792

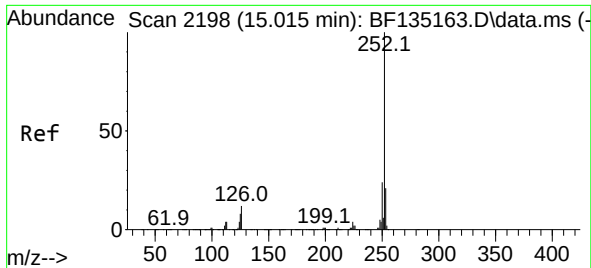
Ion Ratio Lower Upper

252 100

253 25.3 17.2 25.8

125 16.8 7.1 10.7#





#89

Benzo(k)fluoranthene

Concen: 6.441 ng

RT: 14.986 min Scan# 2198

Delta R.T. -0.029 min

Lab File: BF135215.D

Acq: 13 Sep 2023 09:46

Instrument :

BNA_F

ClientSampleId :

SB-01-COMP

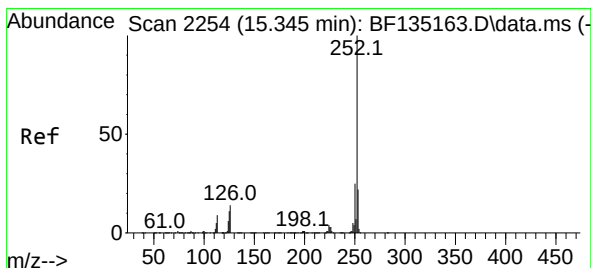
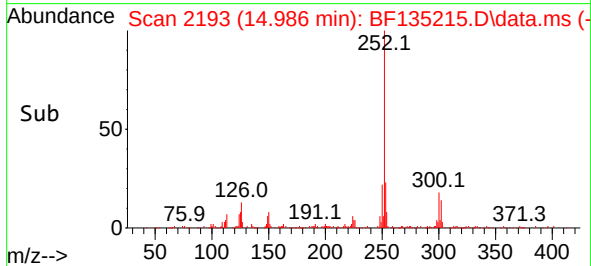
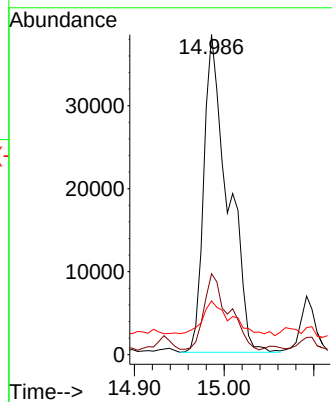
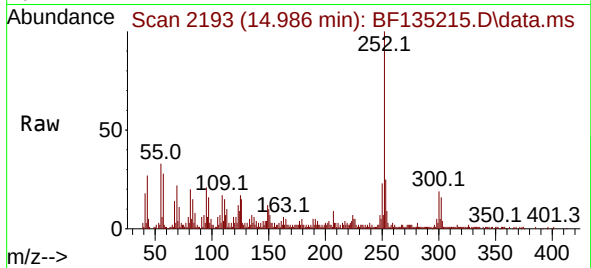
Tgt Ion:252 Resp: 71792

Ion Ratio Lower Upper

252 100

253 25.3 17.4 26.0

125 16.8 7.2 10.8#



#90

Benzo(a)pyrene

Concen: 2.920 ng

RT: 15.351 min Scan# 2255

Delta R.T. 0.006 min

Lab File: BF135215.D

Acq: 13 Sep 2023 09:46

Tgt Ion:252 Resp: 31416

Ion Ratio Lower Upper

252 100

253 25.7 17.5 26.3

125 20.1 9.2 13.8#

