

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091223\
 Data File : BF135195.D
 Acq On : 12 Sep 2023 22:37
 Operator : CG\JU
 Sample : 04335-03
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 AREA-2

Quant Time: Sep 13 02:47:52 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)

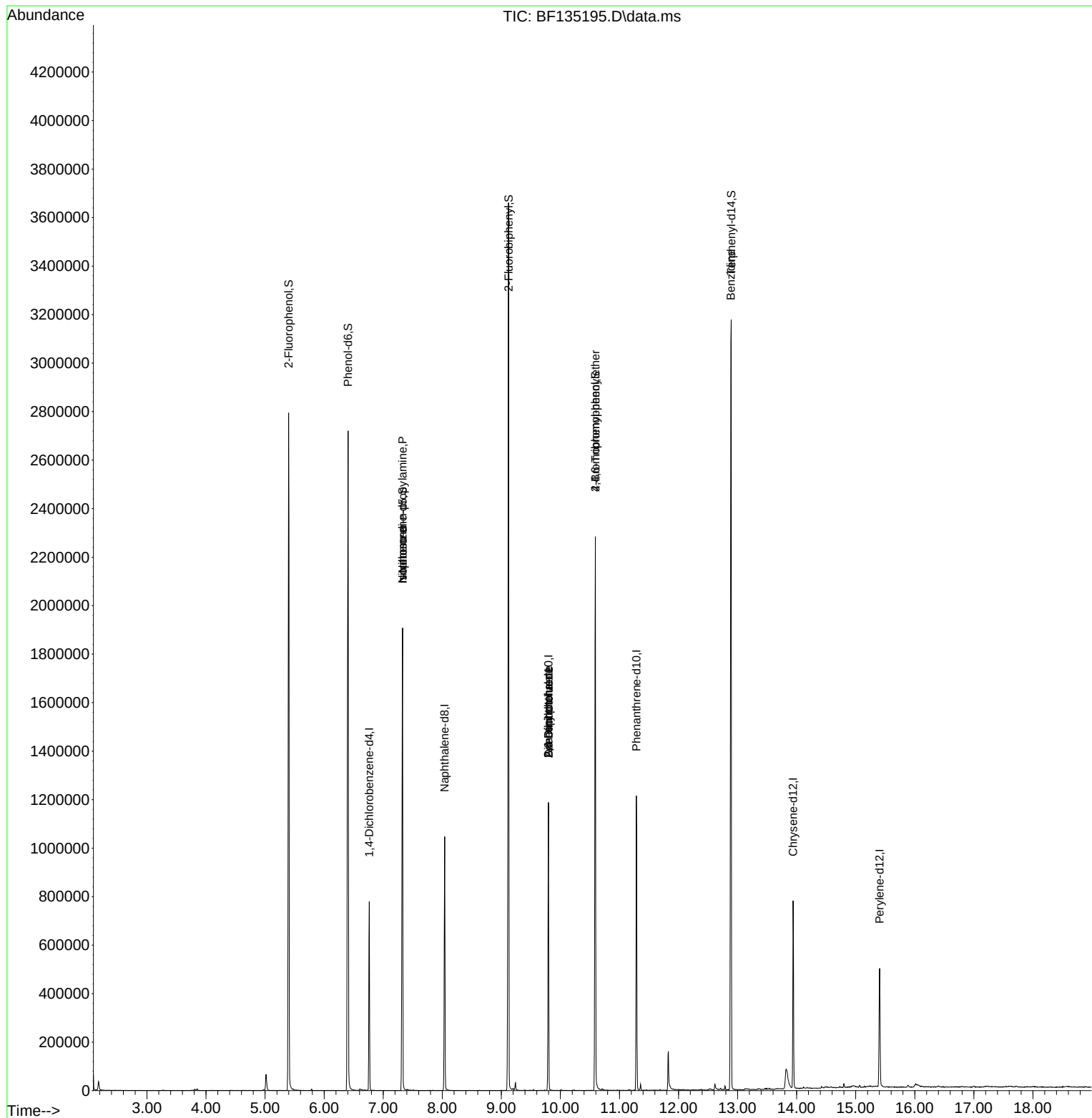
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.763	152	110530	20.000	ng	0.00
21) Naphthalene-d8	8.040	136	428663	20.000	ng	0.00
39) Acenaphthene-d10	9.798	164	227066	20.000	ng	0.00
64) Phenanthrene-d10	11.286	188	454285	20.000	ng	0.00
76) Chrysene-d12	13.939	240	254548	20.000	ng	0.00
86) Perylene-d12	15.404	264	231119	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.399	112	776884	114.318	ng	0.01
7) Phenol-d6	6.404	99	982152	113.659	ng	0.00
23) Nitrobenzene-d5	7.328	82	617728	78.292	ng	0.00
42) 2,4,6-Tribromophenol	10.592	330	281488	124.746	ng	0.00
45) 2-Fluorobiphenyl	9.122	172	1169887	77.732	ng	0.00
79) Terphenyl-d14	12.892	244	1292095	78.688	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.328	70	81422	15.212	ng	# 78
25) Isophorone	7.328	82	613283	42.330	ng	# 65
50) Dimethylphthalate	9.798	163	45302	2.951	ng	# 1
51) 2,6-Dinitrotoluene	9.798	165	28971	8.614	ng	# 17
57) 2,4-Dinitrotoluene	9.798	165	28971	6.881	ng	# 18
67) 4-Bromophenyl-phenylether	10.592	248	16803	3.719	ng	# 1
77) Benzidine	12.886	184	16061	3.080	ng	# 94

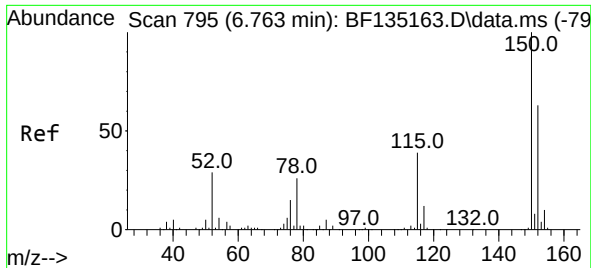
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091223\
Data File : BF135195.D
Acq On : 12 Sep 2023 22:37
Operator : CG\JU
Sample : 04335-03
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
AREA-2

Quant Time: Sep 13 02:47:52 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

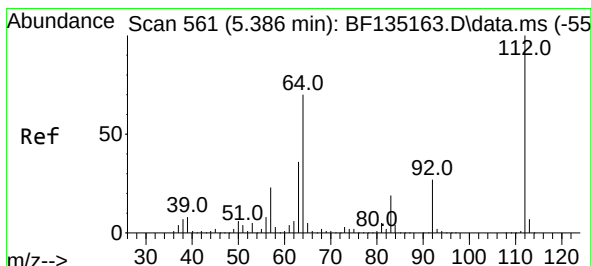
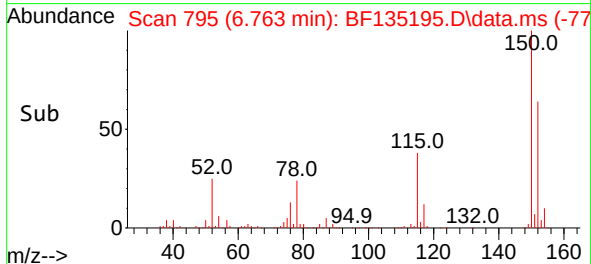
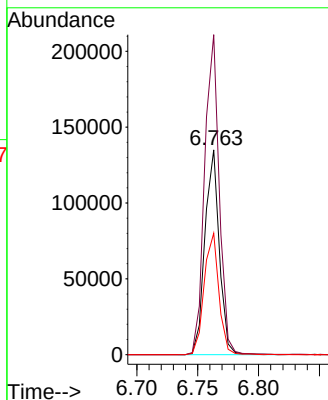
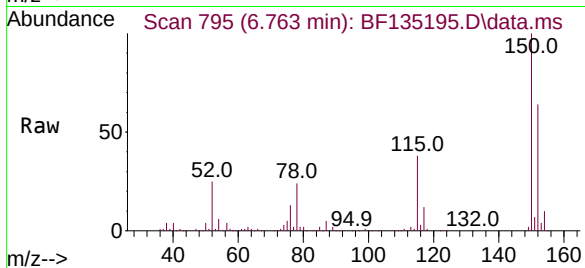




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.763 min Scan# 795
 Delta R.T. 0.000 min
 Lab File: BF135195.D
 Acq: 12 Sep 2023 22:37

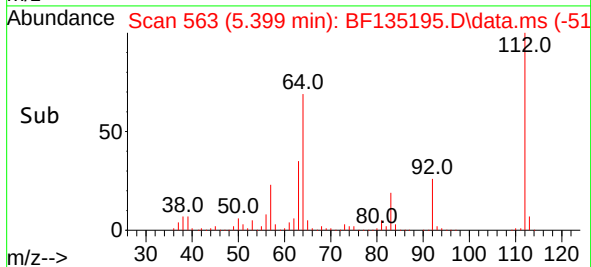
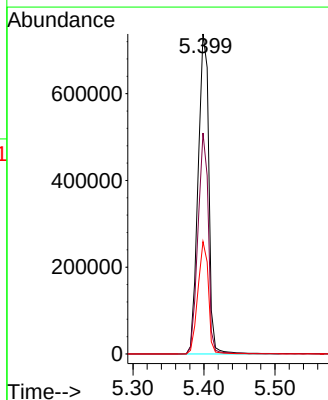
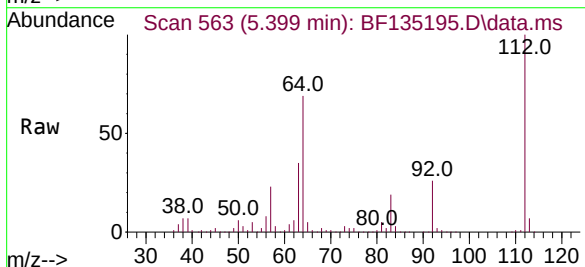
Instrument :
 BNA_F
 ClientSampleId :
 AREA-2

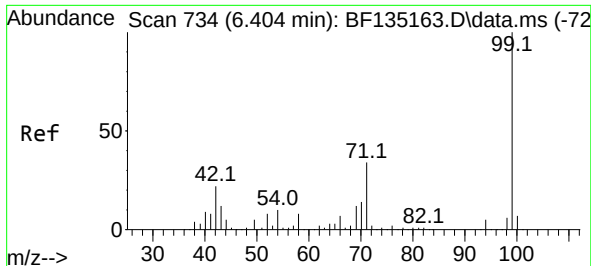
Tgt Ion:152 Resp: 110530
 Ion Ratio Lower Upper
 152 100
 150 156.3 127.8 191.6
 115 59.3 49.8 74.8



#5
 2-Fluorophenol
 Concen: 114.318 ng
 RT: 5.399 min Scan# 563
 Delta R.T. 0.012 min
 Lab File: BF135195.D
 Acq: 12 Sep 2023 22:37

Tgt Ion:112 Resp: 776884
 Ion Ratio Lower Upper
 112 100
 64 69.1 55.9 83.9
 63 35.1 29.0 43.6

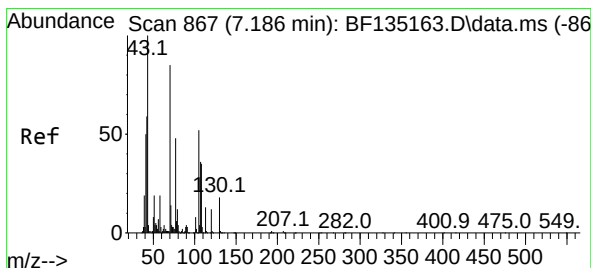
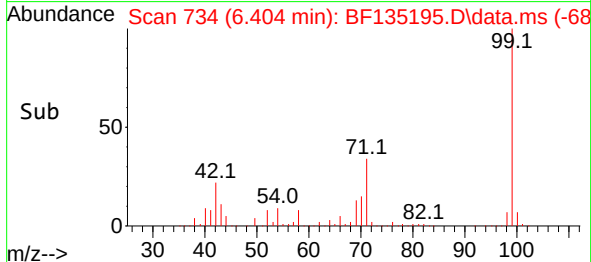
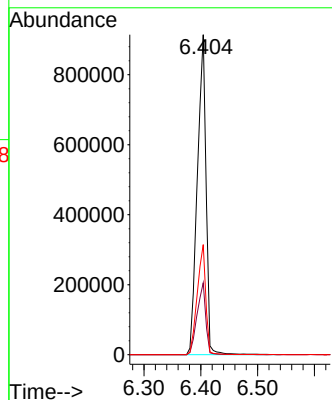
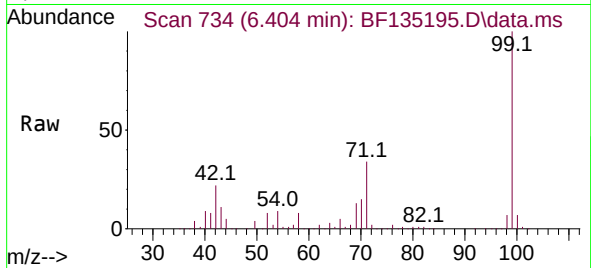




#7
Phenol-d6
Concen: 113.659 ng
RT: 6.404 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF135195.D
Acq: 12 Sep 2023 22:37

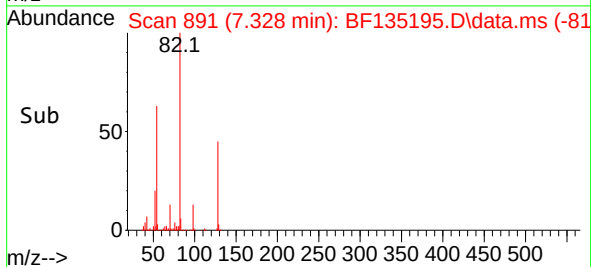
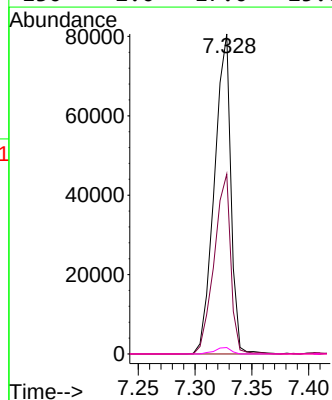
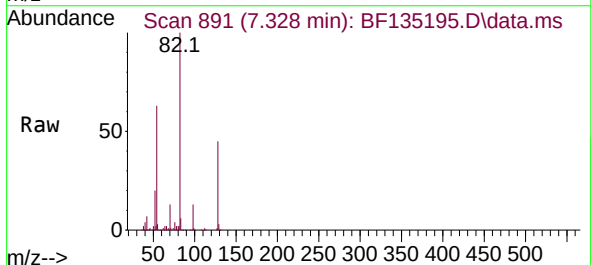
Instrument :
BNA_F
ClientSampleId :
AREA-2

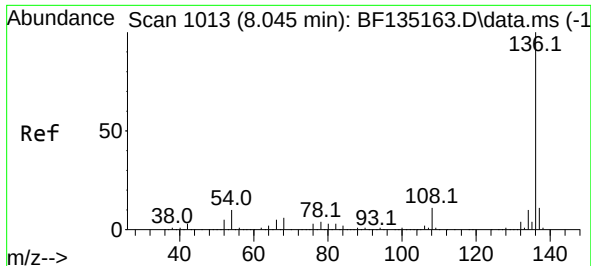
Tgt Ion: 99 Resp: 982152
Ion Ratio Lower Upper
99 100
42 22.4 17.9 26.9
71 34.4 27.0 40.6



#19
n-Nitroso-di-n-propylamine
Concen: 15.212 ng
RT: 7.328 min Scan# 891
Delta R.T. 0.141 min
Lab File: BF135195.D
Acq: 12 Sep 2023 22:37

Tgt Ion: 70 Resp: 81422
Ion Ratio Lower Upper
70 100
42 56.2 55.4 83.0
101 0.0 7.7 11.5#
130 2.0 17.0 25.6#

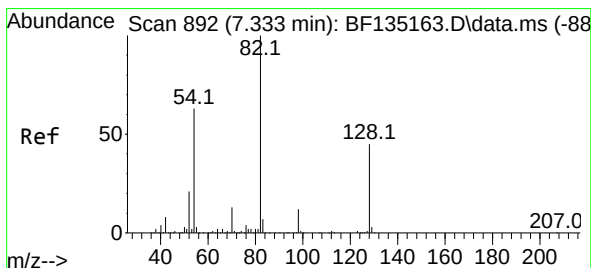
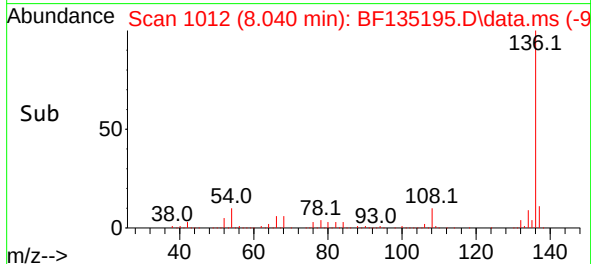
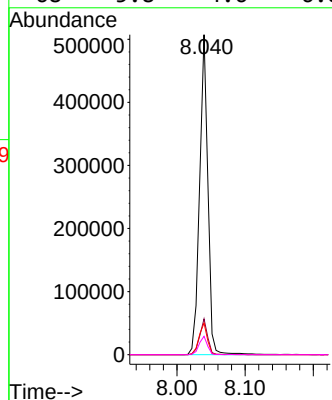
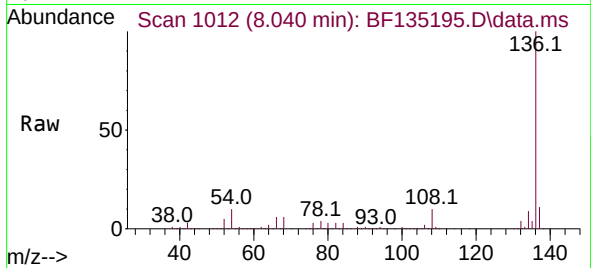




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.040 min Scan# 1013
Delta R.T. -0.006 min
Lab File: BF135195.D
Acq: 12 Sep 2023 22:37

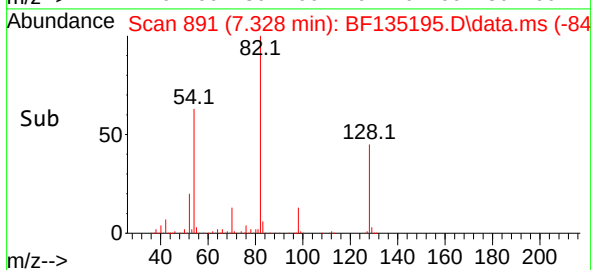
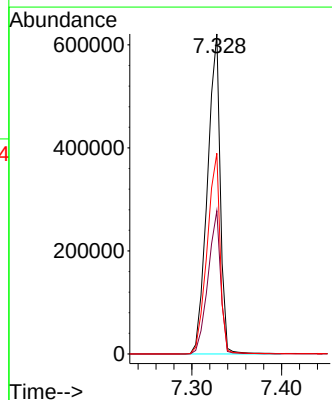
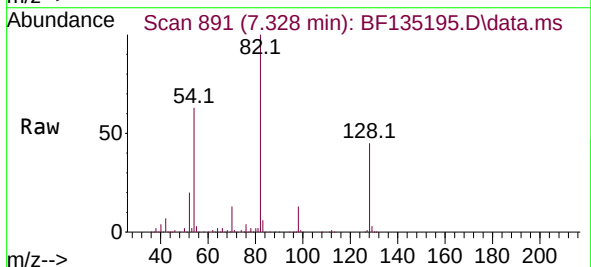
Instrument :
BNA_F
ClientSampleId :
AREA-2

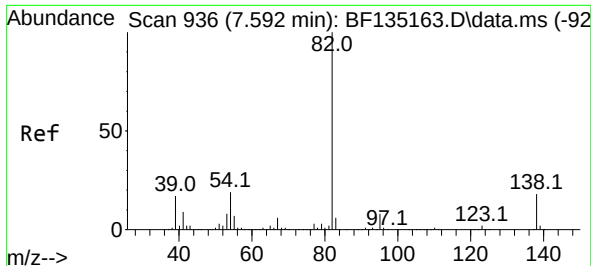
Tgt	Ion:136	Resp:	428663
Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.8	13.2
54	9.9	7.7	11.5
68	5.8	4.6	6.8



#23
Nitrobenzene-d5
Concen: 78.292 ng
RT: 7.328 min Scan# 891
Delta R.T. -0.006 min
Lab File: BF135195.D
Acq: 12 Sep 2023 22:37

Tgt Ion: 82	Resp: 617728
Ion Ratio	Lower Upper
82 100	
128 44.7	35.8 53.6
54 62.7	50.6 76.0

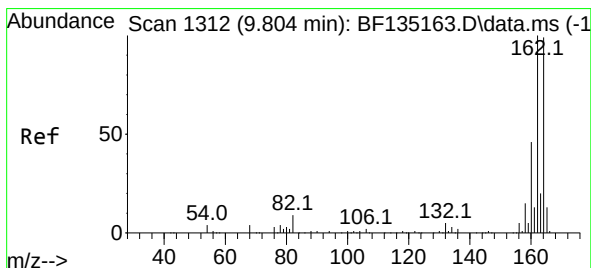
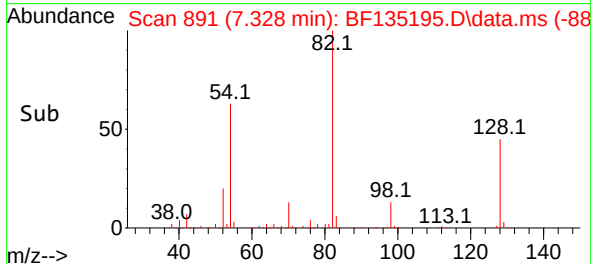
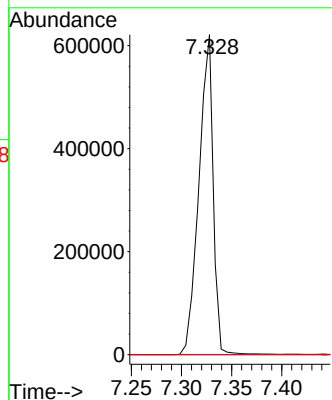
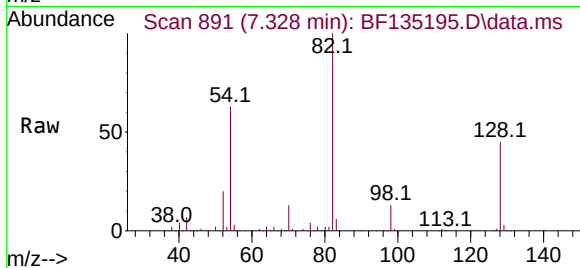




#25
Isophorone
Concen: 42.330 ng
RT: 7.328 min Scan# 891
Delta R.T. -0.264 min
Lab File: BF135195.D
Acq: 12 Sep 2023 22:37

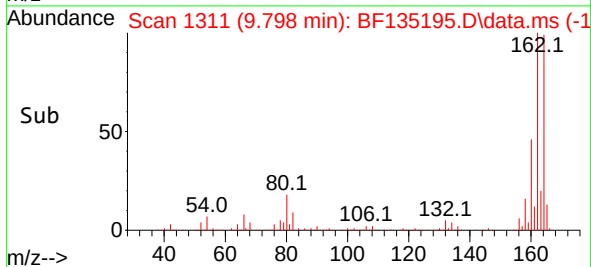
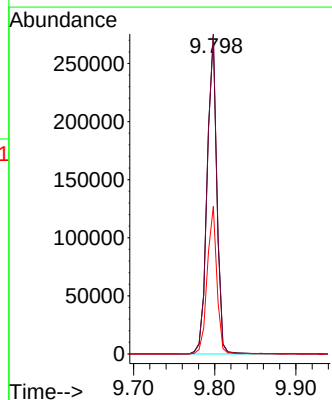
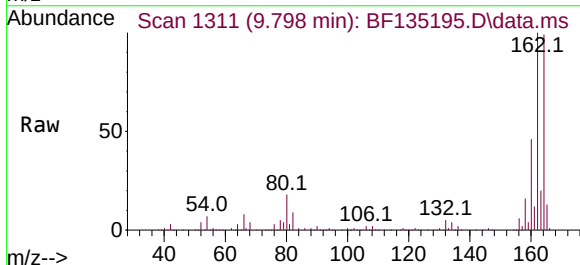
Instrument :
BNA_F
ClientSampleId :
AREA-2

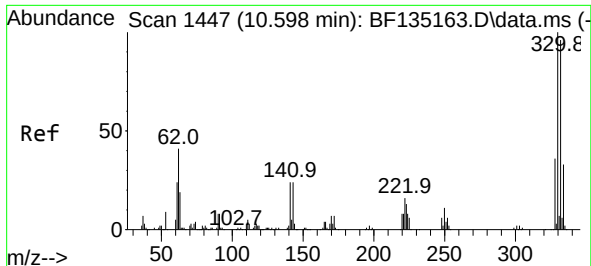
Tgt Ion: 82 Resp: 613283
Ion Ratio Lower Upper
82 100
95 0.0 6.0 9.0#
138 0.0 14.5 21.7#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.798 min Scan# 1311
Delta R.T. -0.006 min
Lab File: BF135195.D
Acq: 12 Sep 2023 22:37

Tgt Ion:164 Resp: 227066
Ion Ratio Lower Upper
164 100
162 100.7 81.0 121.4
160 46.5 37.0 55.4





#42

2,4,6-Tribromophenol

Concen: 124.746 ng

RT: 10.592 min Scan# 1447

Delta R.T. -0.006 min

Lab File: BF135195.D

Acq: 12 Sep 2023 22:37

Instrument :

BNA_F

ClientSampleId :

AREA-2

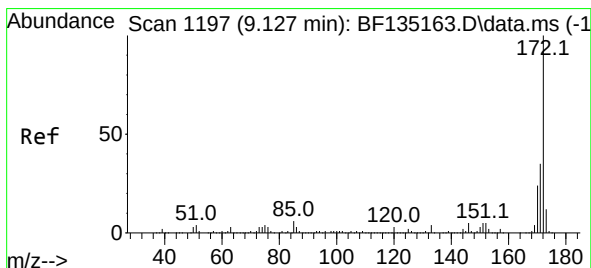
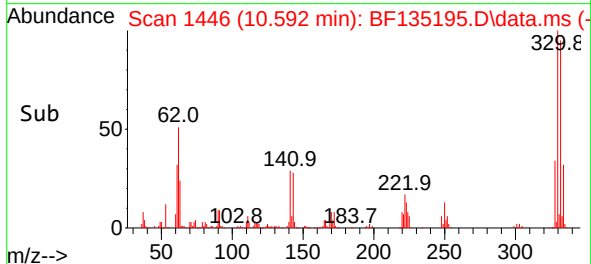
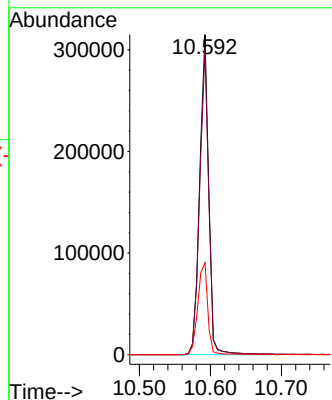
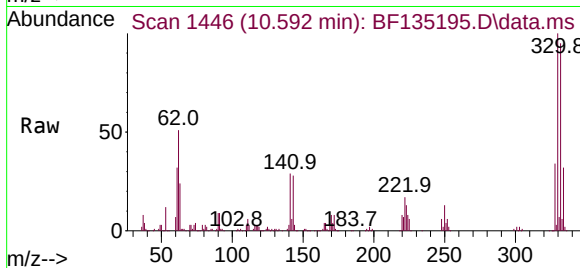
Tgt Ion:330 Resp: 281488

Ion Ratio Lower Upper

330 100

332 95.5 77.3 115.9

141 31.5 25.8 38.8



#45

2-Fluorobiphenyl

Concen: 77.732 ng

RT: 9.122 min Scan# 1196

Delta R.T. -0.006 min

Lab File: BF135195.D

Acq: 12 Sep 2023 22:37

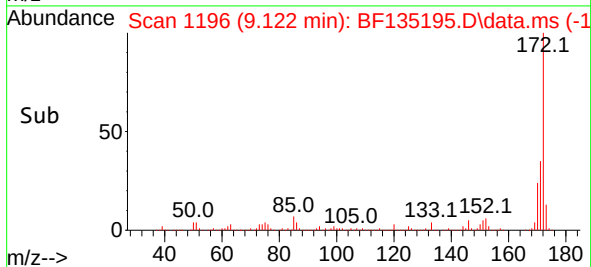
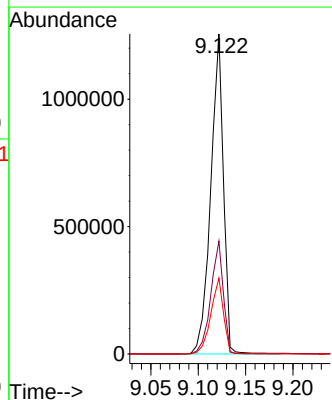
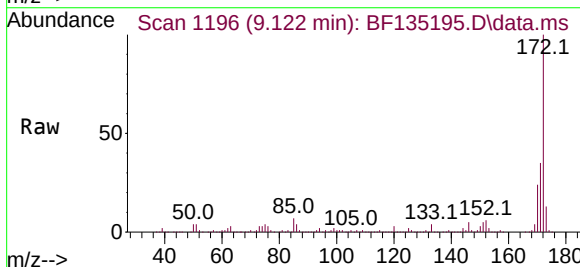
Tgt Ion:172 Resp: 1169887

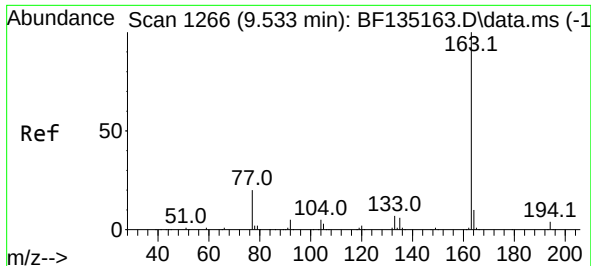
Ion Ratio Lower Upper

172 100

171 35.3 28.4 42.6

170 23.8 19.0 28.4

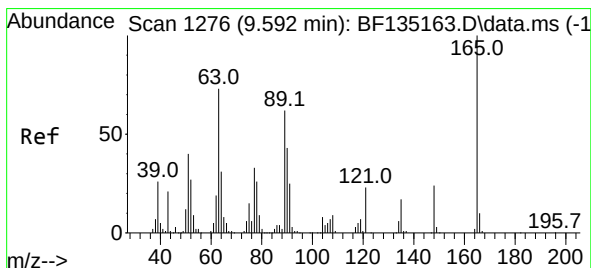
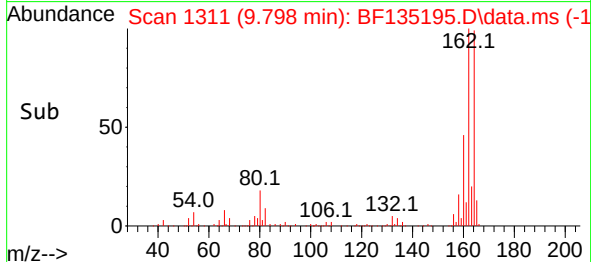
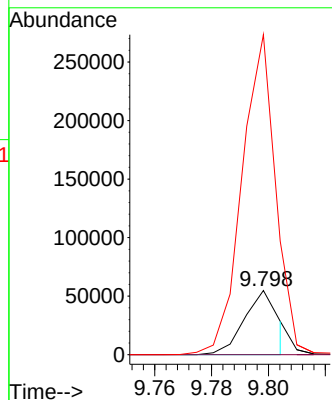
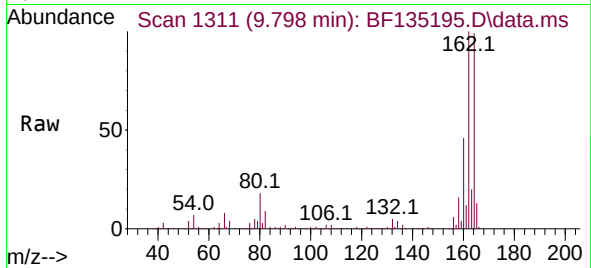




#50
Dimethylphthalate
Concen: 2.951 ng
RT: 9.798 min Scan# 1311
Delta R.T. 0.265 min
Lab File: BF135195.D
Acq: 12 Sep 2023 22:37

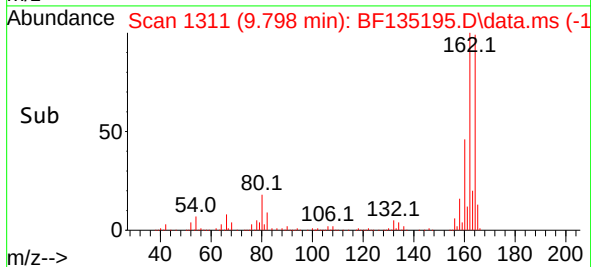
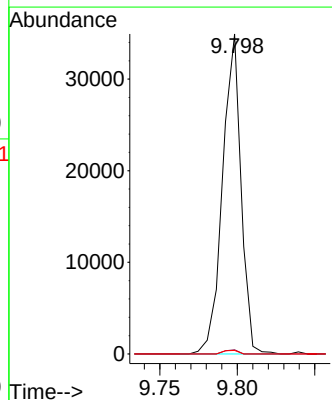
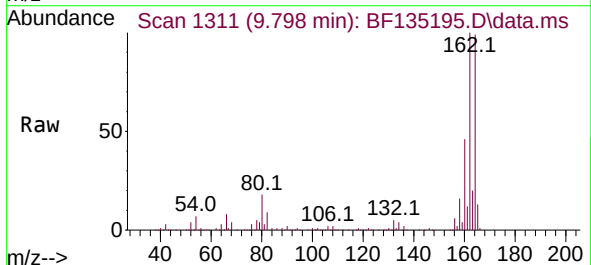
Instrument :
BNA_F
ClientSampleId :
AREA-2

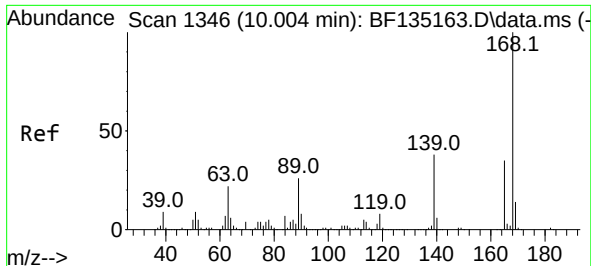
Tgt Ion:163 Resp: 45302
Ion Ratio Lower Upper
163 100
194 0.0 3.1 4.7#
164 499.1 8.1 12.1#



#51
2,6-Dinitrotoluene
Concen: 8.614 ng
RT: 9.798 min Scan# 1311
Delta R.T. 0.206 min
Lab File: BF135195.D
Acq: 12 Sep 2023 22:37

Tgt Ion:165 Resp: 28971
Ion Ratio Lower Upper
165 100
63 1.3 59.4 89.2#
89 1.1 49.8 74.8#

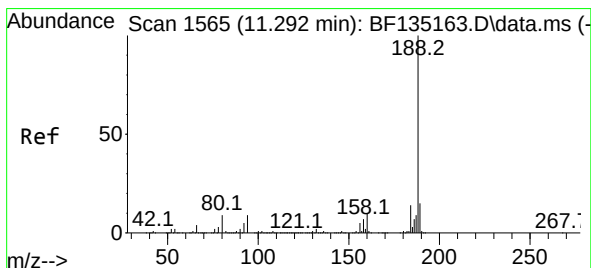
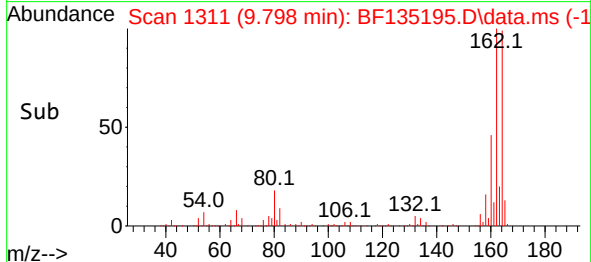
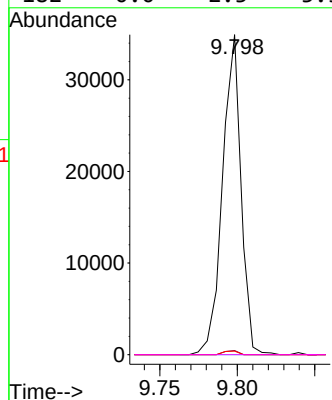
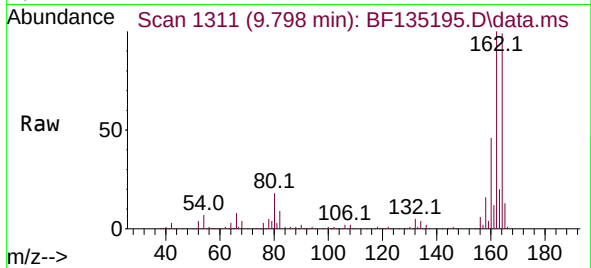




#57
2,4-Dinitrotoluene
Concen: 6.881 ng
RT: 9.798 min Scan# 11
Delta R.T. -0.206 min
Lab File: BF135195.D
Acq: 12 Sep 2023 22:37

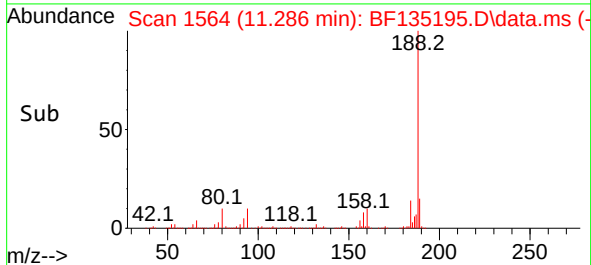
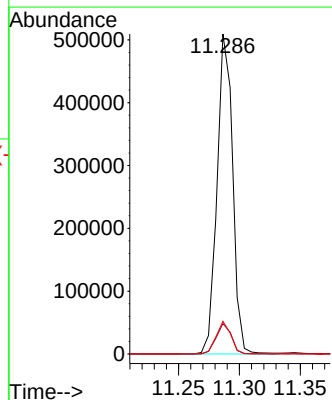
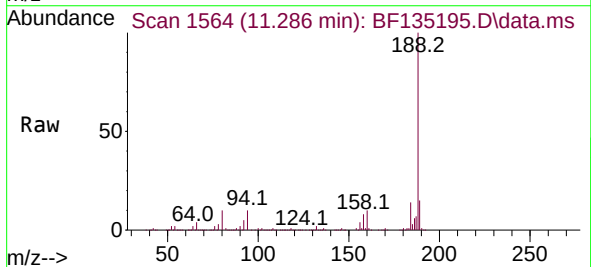
Instrument :
BNA_F
ClientSampleId :
AREA-2

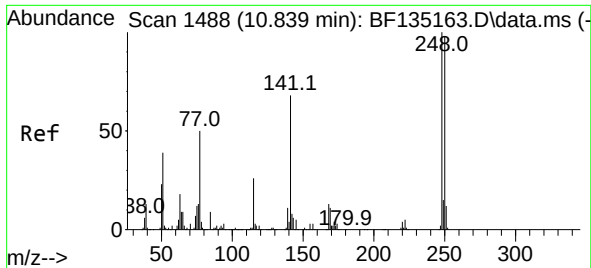
Tgt Ion:165 Resp: 28971
Ion Ratio Lower Upper
165 100
63 1.3 50.1 75.1#
89 1.1 59.3 88.9#
182 0.0 2.3 3.5#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.286 min Scan# 1564
Delta R.T. -0.006 min
Lab File: BF135195.D
Acq: 12 Sep 2023 22:37

Tgt Ion:188 Resp: 454285
Ion Ratio Lower Upper
188 100
94 9.5 7.0 10.6
80 10.2 7.5 11.3

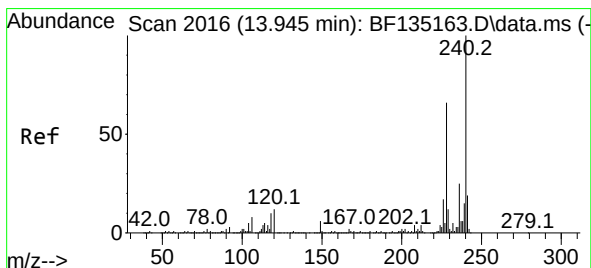
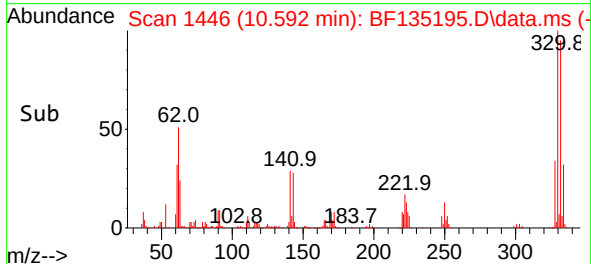
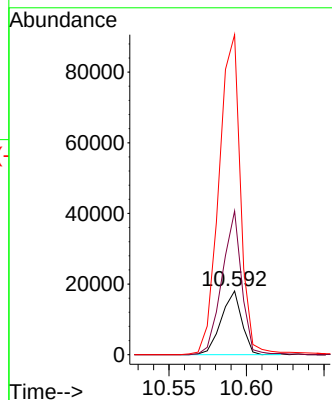
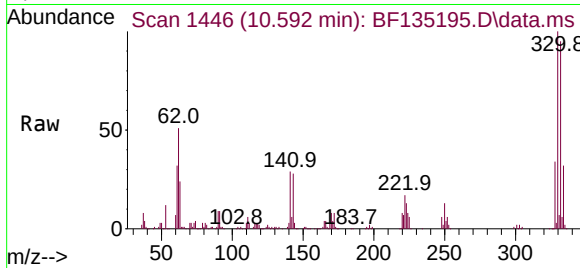




#67
4-Bromophenyl-phenylether
Concen: 3.719 ng
RT: 10.592 min Scan# 1488
Delta R.T. -0.247 min
Lab File: BF135195.D
Acq: 12 Sep 2023 22:37

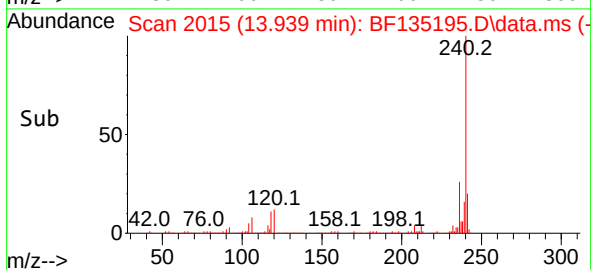
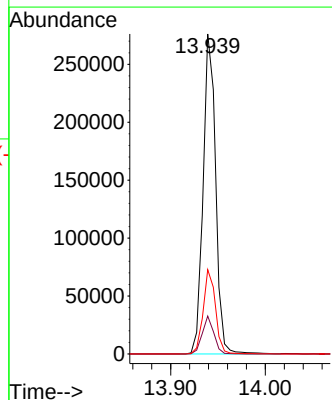
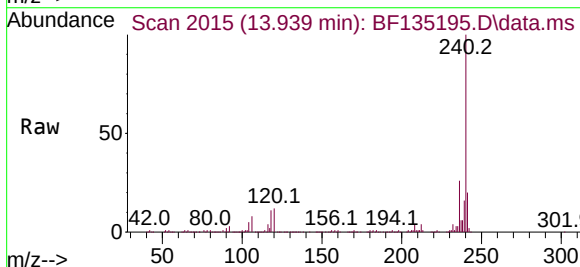
Instrument :
BNA_F
ClientSampleId :
AREA-2

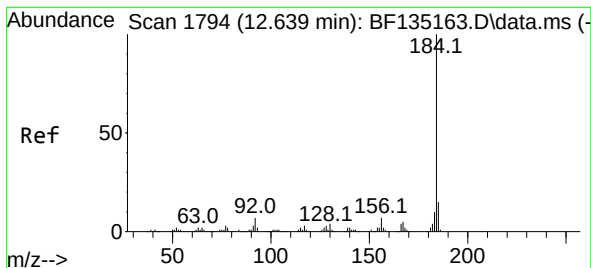
Tgt Ion:248 Resp: 16803
Ion Ratio Lower Upper
248 100
250 225.4 78.6 117.8#
141 501.8 54.2 81.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.939 min Scan# 2015
Delta R.T. -0.006 min
Lab File: BF135195.D
Acq: 12 Sep 2023 22:37

Tgt Ion:240 Resp: 254548
Ion Ratio Lower Upper
240 100
120 11.8 9.4 14.2
236 26.3 19.8 29.8





#77

Benzidine

Concen: 3.080 ng

RT: 12.886 min Scan# 1836

Delta R.T. 0.247 min

Lab File: BF135195.D

Acq: 12 Sep 2023 22:37

Instrument :

BNA_F

ClientSampleId :

AREA-2

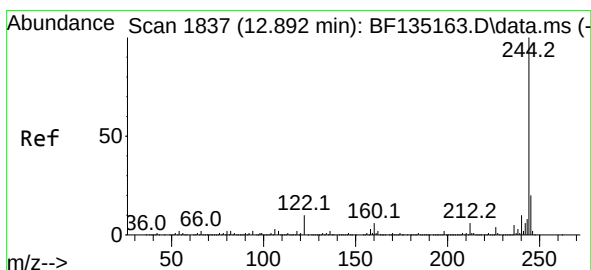
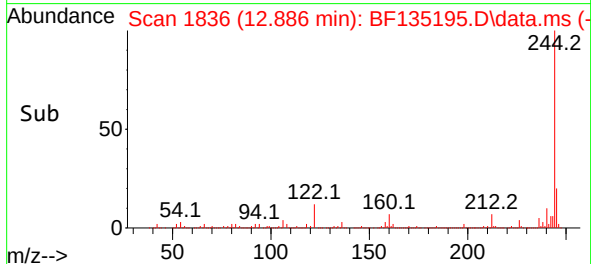
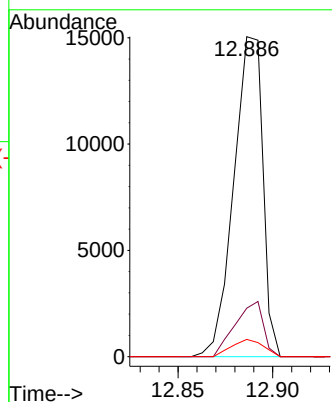
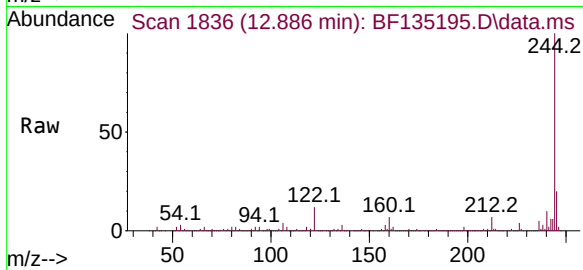
Tgt Ion:184 Resp: 16061

Ion Ratio Lower Upper

184 100

185 15.1 11.7 17.5

183 5.4 8.2 12.4#



#79

Terphenyl-d14

Concen: 78.688 ng

RT: 12.892 min Scan# 1837

Delta R.T. 0.000 min

Lab File: BF135195.D

Acq: 12 Sep 2023 22:37

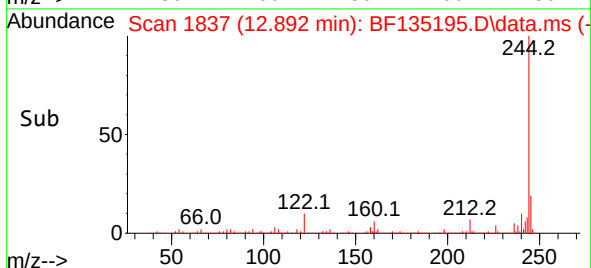
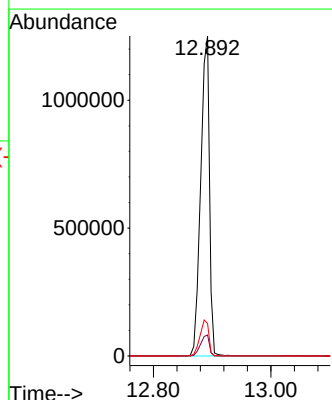
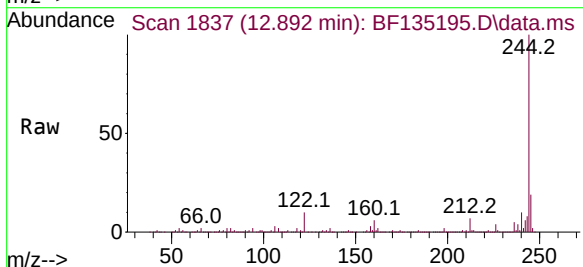
Tgt Ion:244 Resp: 1292095

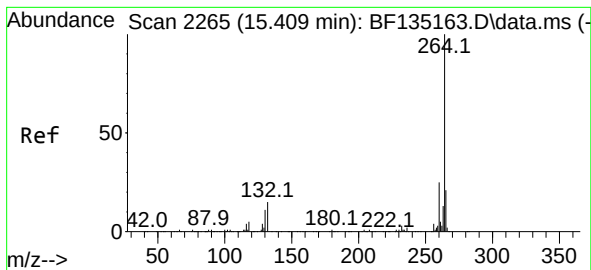
Ion Ratio Lower Upper

244 100

212 6.5 5.1 7.7

122 10.1 7.9 11.9





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.404 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF135195.D

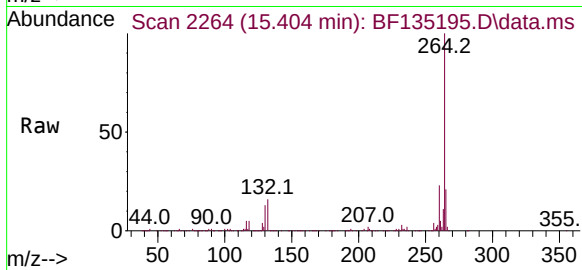
Acq: 12 Sep 2023 22:37

Instrument :

BNA_F

ClientSampleId :

AREA-2



Tgt Ion:264 Resp: 231119

Ion Ratio Lower Upper

264 100

260 23.4 19.8 29.6

265 21.4 17.0 25.4

