

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091223\
 Data File : BF135196.D
 Acq On : 12 Sep 2023 23:09
 Operator : CG\JU
 Sample : 04335-01
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 AREA-1

Quant Time: Sep 13 02:48:12 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)

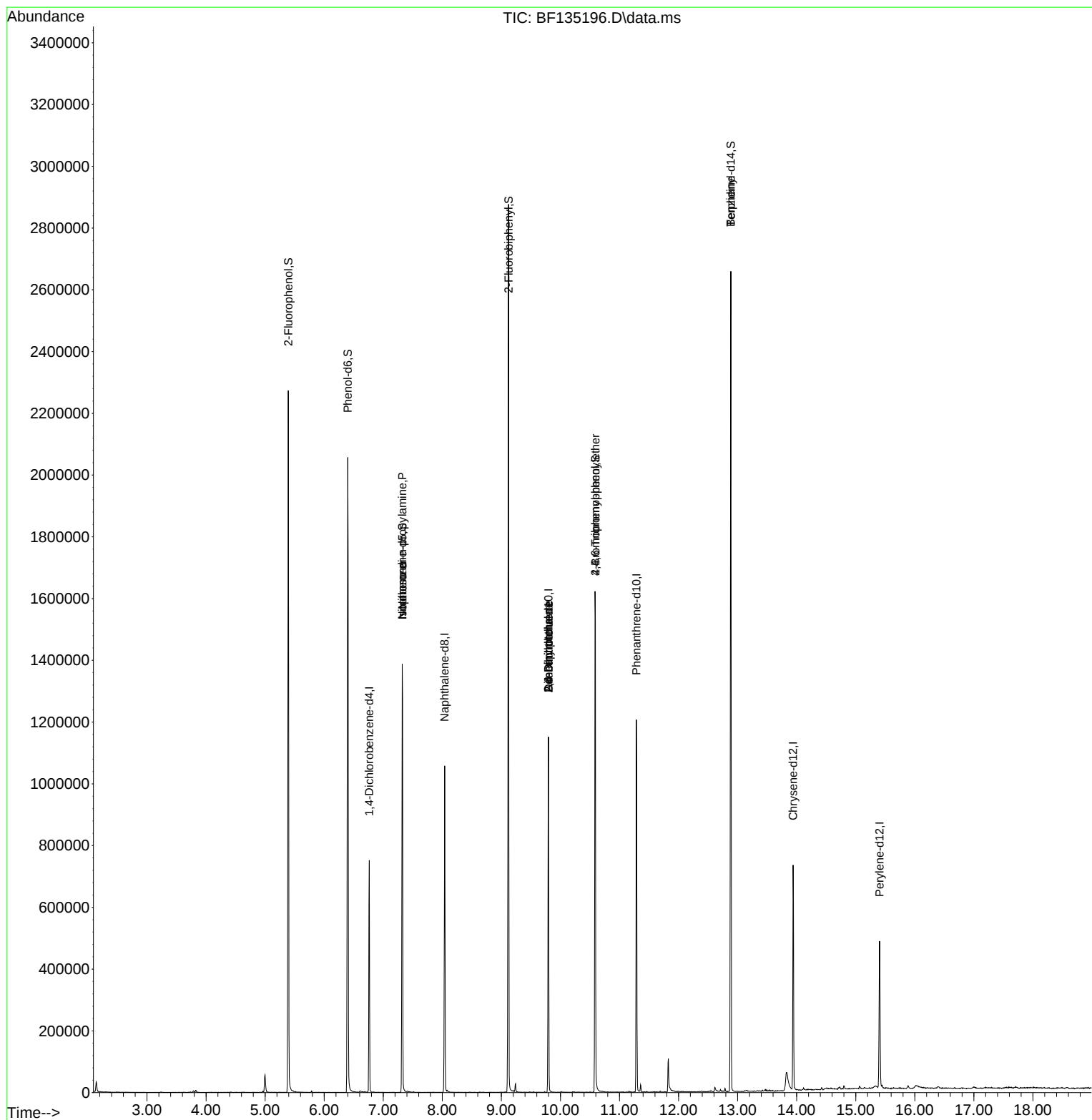
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.763	152	109392	20.000	ng	0.00
21) Naphthalene-d8	8.039	136	433808	20.000	ng	0.00
39) Acenaphthene-d10	9.798	164	225922	20.000	ng	0.00
64) Phenanthrene-d10	11.286	188	444527	20.000	ng	0.00
76) Chrysene-d12	13.939	240	245662	20.000	ng	0.00
86) Perylene-d12	15.404	264	220671	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.393	112	567521	84.379	ng	0.00
7) Phenol-d6	6.398	99	724331	84.694	ng	0.00
23) Nitrobenzene-d5	7.322	82	454159	56.878	ng	-0.01
42) 2,4,6-Tribromophenol	10.592	330	203678	90.720	ng	0.00
45) 2-Fluorobiphenyl	9.122	172	874374	58.391	ng	0.00
79) Terphenyl-d14	12.886	244	933949	58.935	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.322	70	60309	11.385	ng	# 77
25) Isophorone	7.322	82	454155	30.975	ng	# 65
50) Dimethylphthalate	9.798	163	45533	2.981	ng	# 1
51) 2,6-Dinitrotoluene	9.798	165	29269	8.747	ng	# 17
57) 2,4-Dinitrotoluene	9.798	165	29269	6.987	ng	# 18
67) 4-Bromophenyl-phenylether	10.592	248	12985	2.937	ng	# 1
77) Benzidine	12.886	184	11414	2.268	ng	# 97

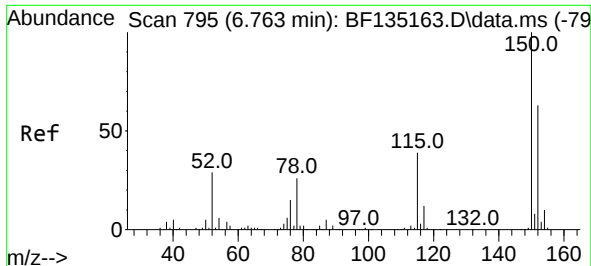
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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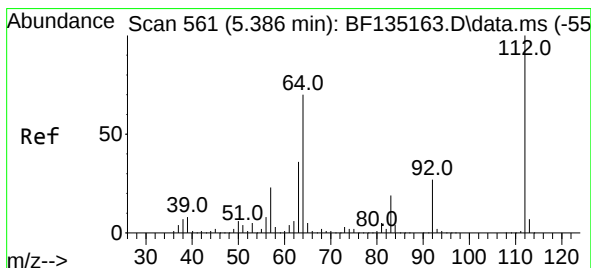
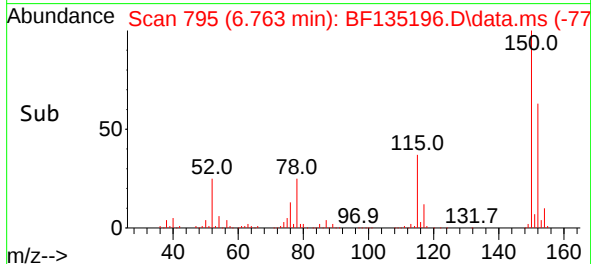
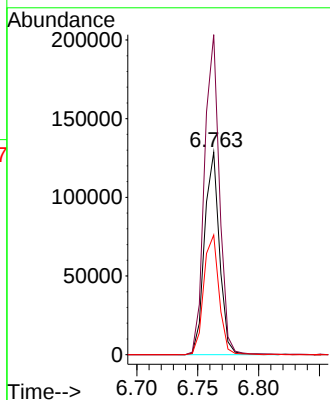
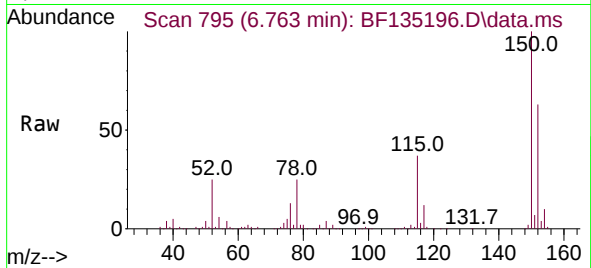




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.763 min Scan# 795
 Delta R.T. 0.000 min
 Lab File: BF135196.D
 Acq: 12 Sep 2023 23:09

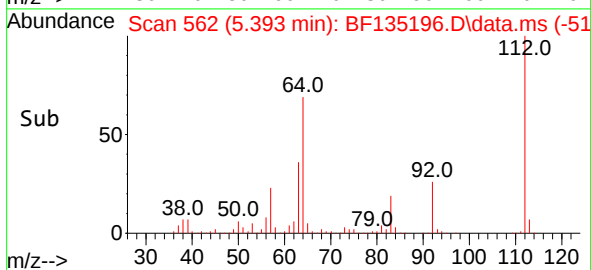
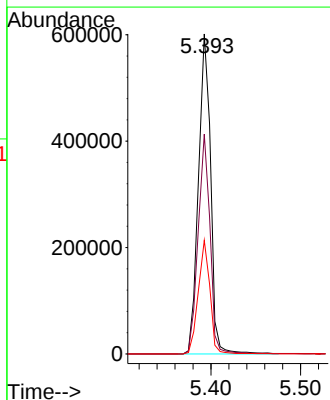
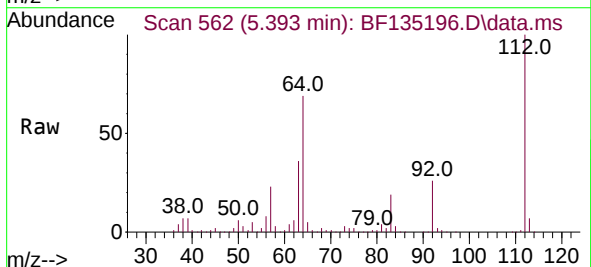
Instrument :
 BNA_F
 ClientSampleId :
 AREA-1

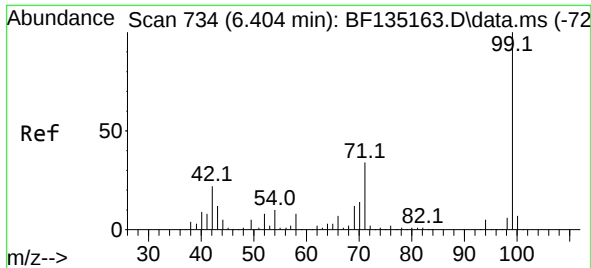
Tgt Ion:152 Resp: 109392
 Ion Ratio Lower Upper
 152 100
 150 158.0 127.8 191.6
 115 59.1 49.8 74.8



#5
 2-Fluorophenol
 Concen: 84.379 ng
 RT: 5.393 min Scan# 562
 Delta R.T. 0.006 min
 Lab File: BF135196.D
 Acq: 12 Sep 2023 23:09

Tgt Ion:112 Resp: 567521
 Ion Ratio Lower Upper
 112 100
 64 68.7 55.9 83.9
 63 35.5 29.0 43.6

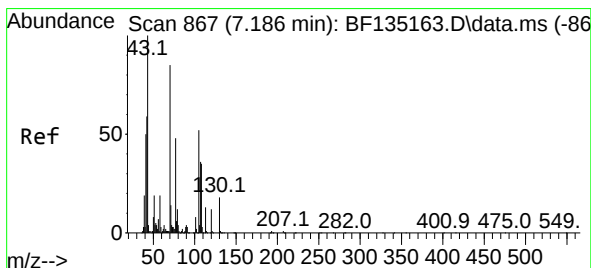
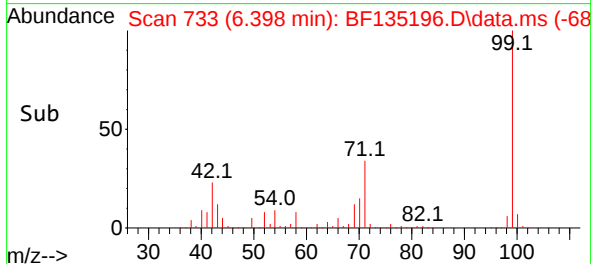
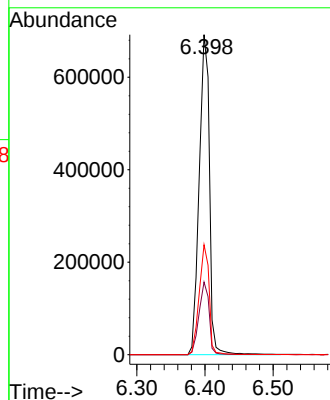
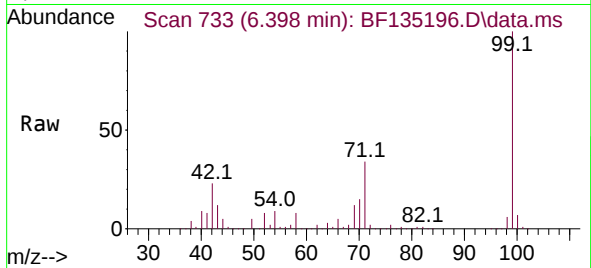




#7
Phenol-d6
Concen: 84.694 ng
RT: 6.398 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF135196.D
Acq: 12 Sep 2023 23:09

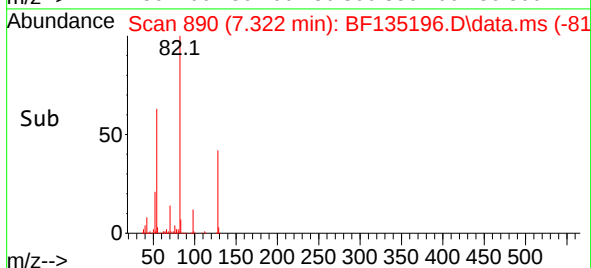
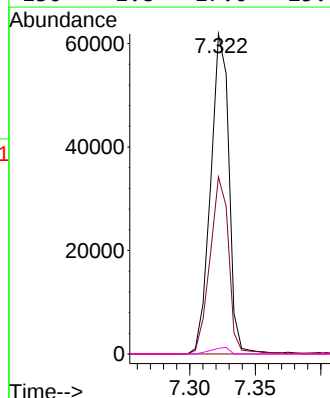
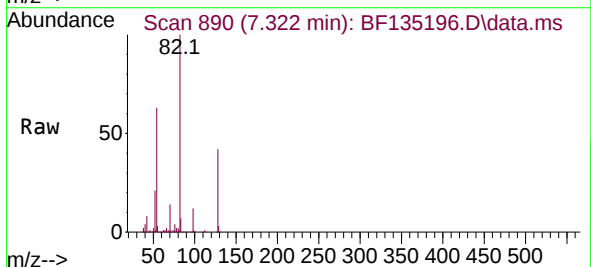
Instrument :
BNA_F
ClientSampleId :
AREA-1

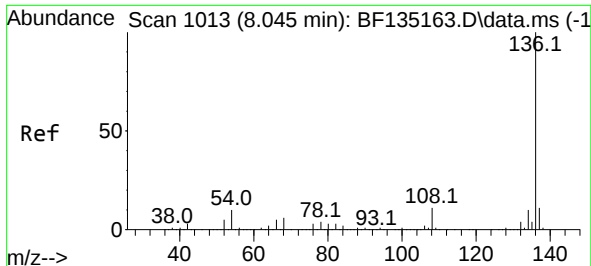
Tgt Ion: 99 Resp: 724331
Ion Ratio Lower Upper
99 100
42 22.7 17.9 26.9
71 34.4 27.0 40.6



#19
n-Nitroso-di-n-propylamine
Concen: 11.385 ng
RT: 7.322 min Scan# 890
Delta R.T. 0.135 min
Lab File: BF135196.D
Acq: 12 Sep 2023 23:09

Tgt Ion: 70 Resp: 60309
Ion Ratio Lower Upper
70 100
42 55.3 55.4 83.0#
101 0.0 7.7 11.5#
130 1.8 17.0 25.6#

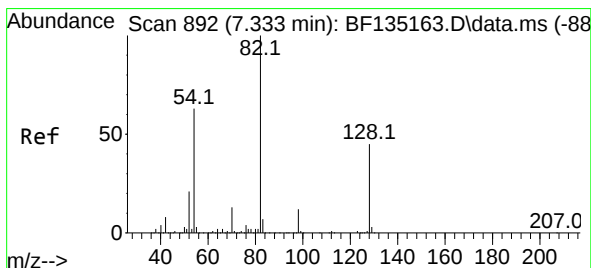
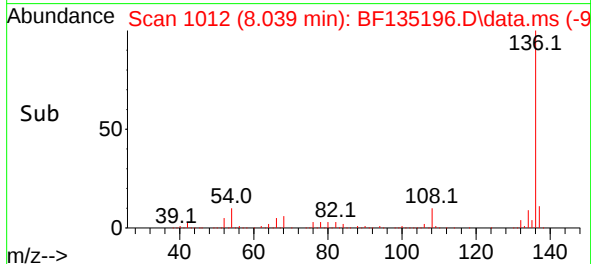
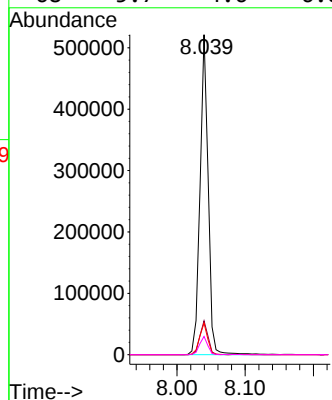
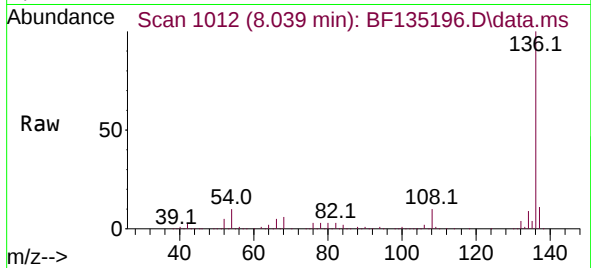




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.039 min Scan# 1013
Delta R.T. -0.006 min
Lab File: BF135196.D
Acq: 12 Sep 2023 23:09

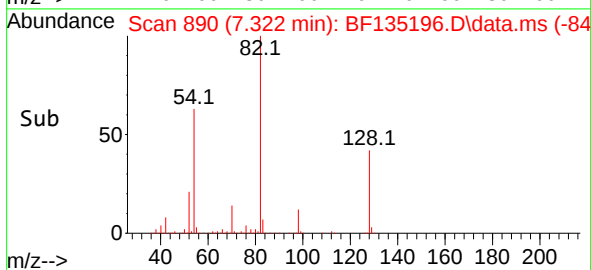
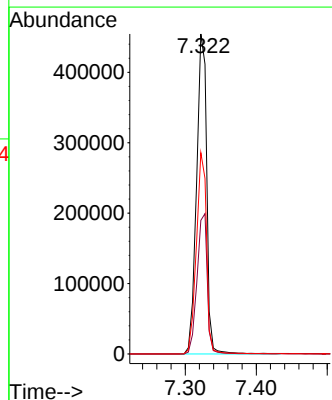
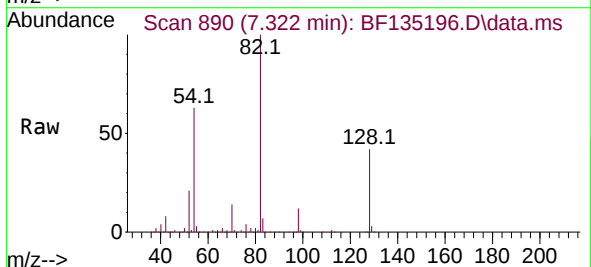
Instrument :
BNA_F
ClientSampleId :
AREA-1

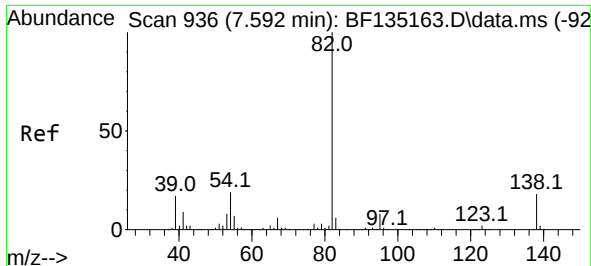
Tgt Ion:136 Resp: 433808
Ion Ratio Lower Upper
136 100
137 10.6 8.8 13.2
54 9.8 7.7 11.5
68 5.7 4.6 6.8



#23
Nitrobenzene-d5
Concen: 56.878 ng
RT: 7.322 min Scan# 890
Delta R.T. -0.012 min
Lab File: BF135196.D
Acq: 12 Sep 2023 23:09

Tgt Ion: 82 Resp: 454159
Ion Ratio Lower Upper
82 100
128 41.8 35.8 53.6
54 62.9 50.6 76.0

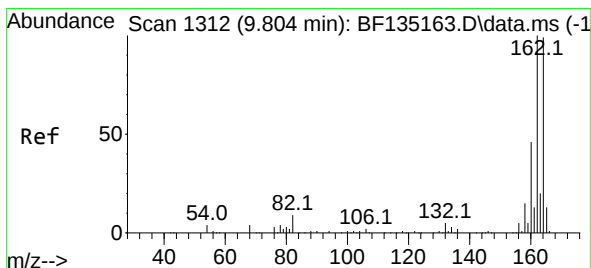
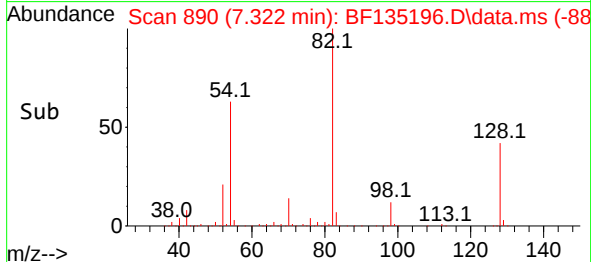
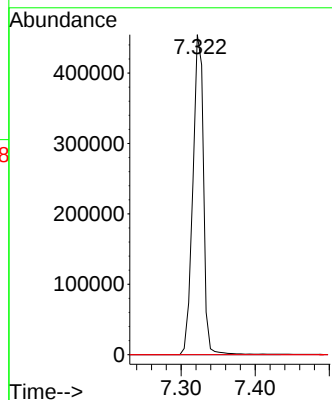
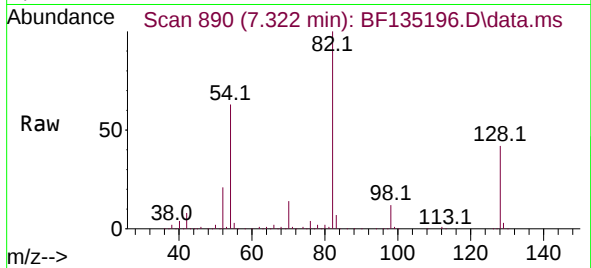




#25
Isophorone
Concen: 30.975 ng
RT: 7.322 min Scan# 89
Delta R.T. -0.270 min
Lab File: BF135196.D
Acq: 12 Sep 2023 23:09

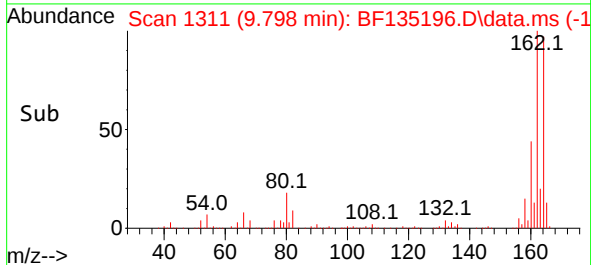
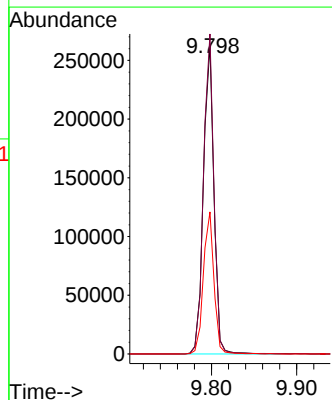
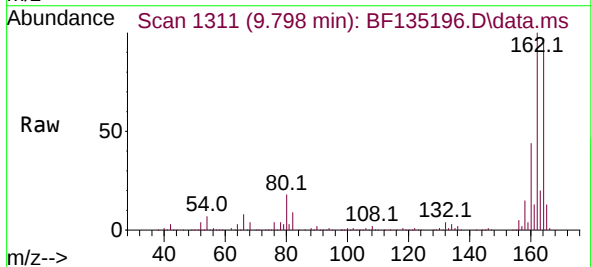
Instrument :
BNA_F
ClientSampleId :
AREA-1

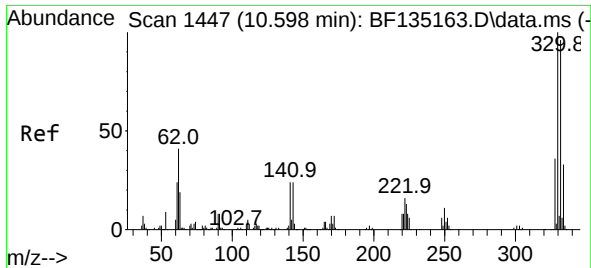
Tgt Ion: 82 Resp: 454155
Ion Ratio Lower Upper
82 100
95 0.0 6.0 9.0#
138 0.0 14.5 21.7#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.798 min Scan# 1311
Delta R.T. -0.006 min
Lab File: BF135196.D
Acq: 12 Sep 2023 23:09

Tgt Ion: 164 Resp: 225922
Ion Ratio Lower Upper
164 100
162 103.5 81.0 121.4
160 46.0 37.0 55.4



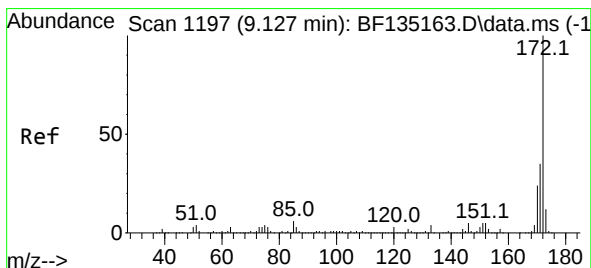
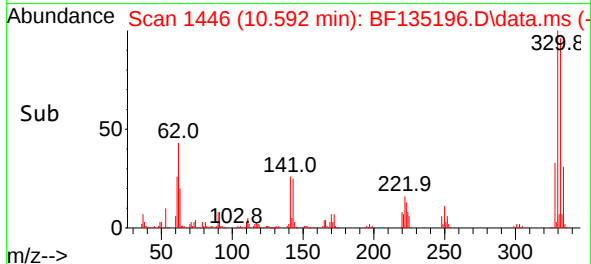
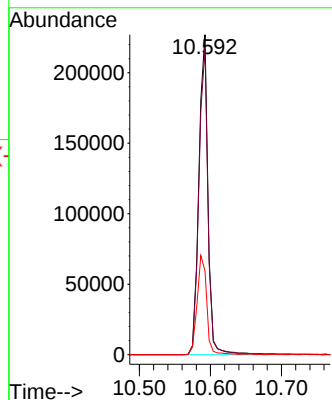
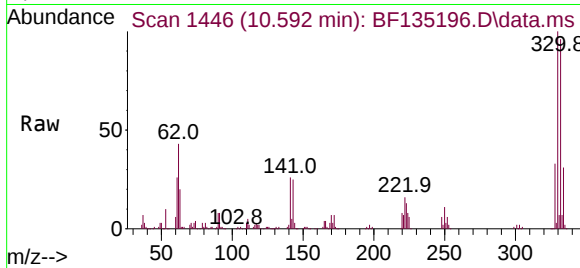


#42
 2,4,6-Tribromophenol
 Concen: 90.720 ng
 RT: 10.592 min Scan# 1446
 Delta R.T. -0.006 min
 Lab File: BF135196.D
 Acq: 12 Sep 2023 23:09

Instrument :
 BNA_F
 ClientSampleId :
 AREA-1

Tgt Ion:330 Resp: 203678

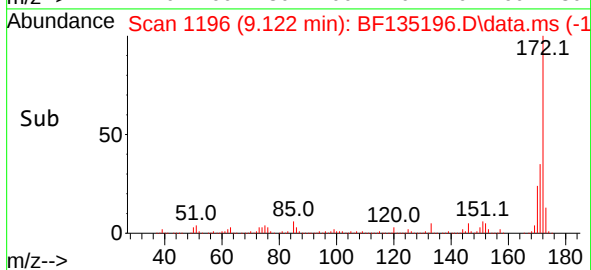
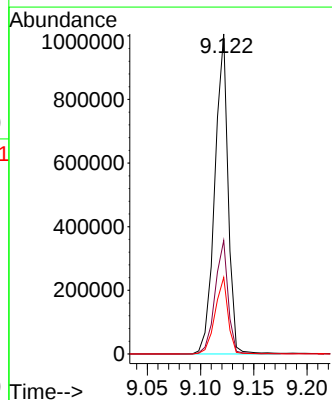
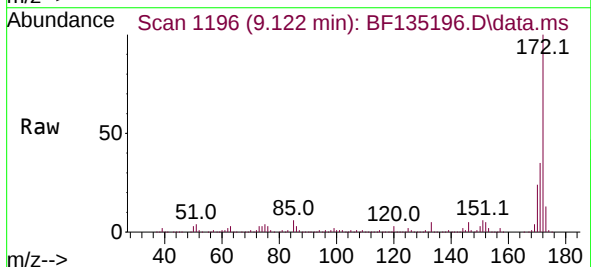
Ion	Ratio	Lower	Upper
330	100		
332	95.7	77.3	115.9
141	32.3	25.8	38.8

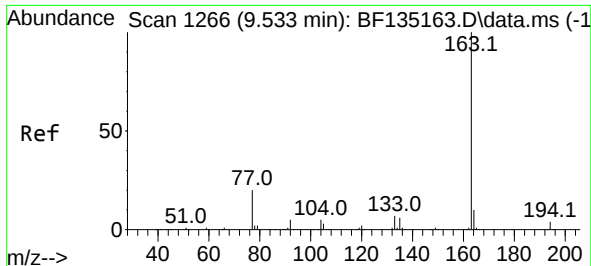


#45
 2-Fluorobiphenyl
 Concen: 58.391 ng
 RT: 9.122 min Scan# 1196
 Delta R.T. -0.006 min
 Lab File: BF135196.D
 Acq: 12 Sep 2023 23:09

Tgt Ion:172 Resp: 874374

Ion	Ratio	Lower	Upper
172	100		
171	35.5	28.4	42.6
170	23.9	19.0	28.4

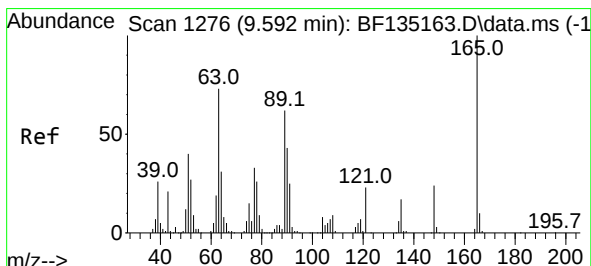
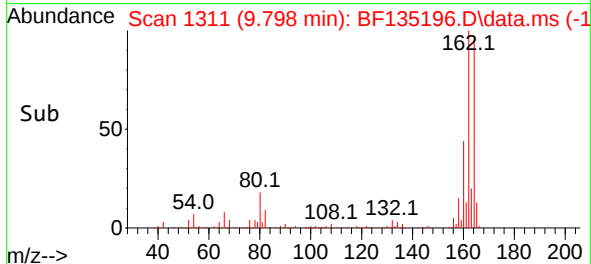
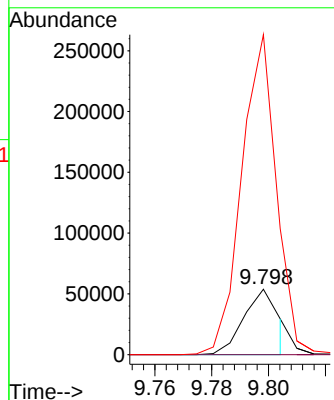
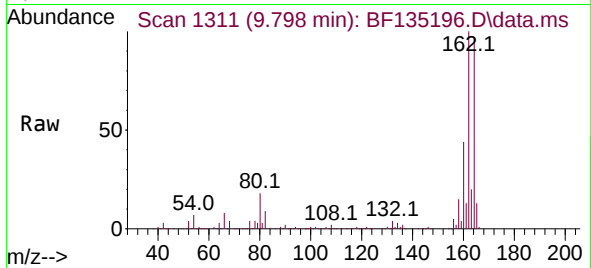




#50
Dimethylphthalate
Concen: 2.981 ng
RT: 9.798 min Scan# 1311
Delta R.T. 0.265 min
Lab File: BF135196.D
Acq: 12 Sep 2023 23:09

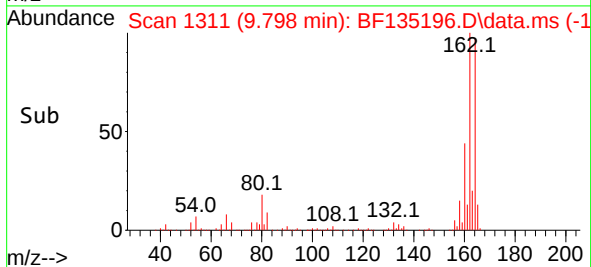
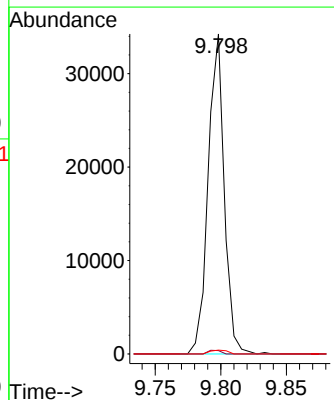
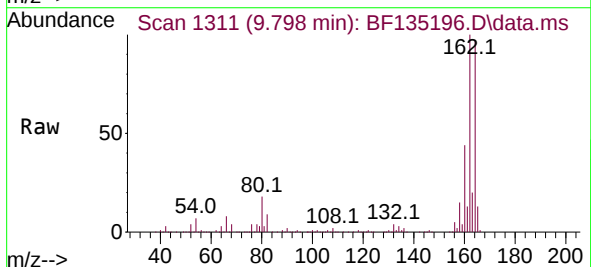
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BNA_F
ClientSampleId :
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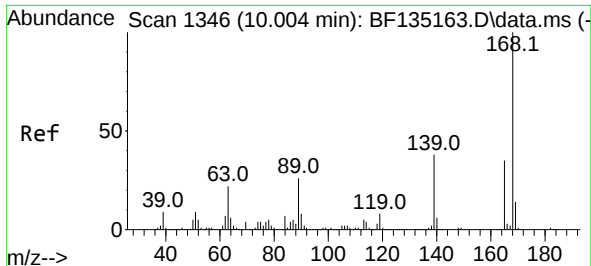
Tgt Ion:163 Resp: 45533
Ion Ratio Lower Upper
163 100
194 0.0 3.1 4.7#
164 489.2 8.1 12.1#



#51
2,6-Dinitrotoluene
Concen: 8.747 ng
RT: 9.798 min Scan# 1311
Delta R.T. 0.206 min
Lab File: BF135196.D
Acq: 12 Sep 2023 23:09

Tgt Ion:165 Resp: 29269
Ion Ratio Lower Upper
165 100
63 1.1 59.4 89.2#
89 1.2 49.8 74.8#

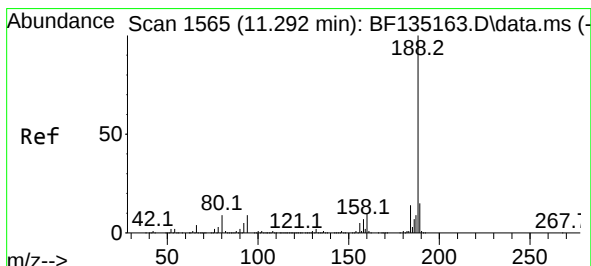
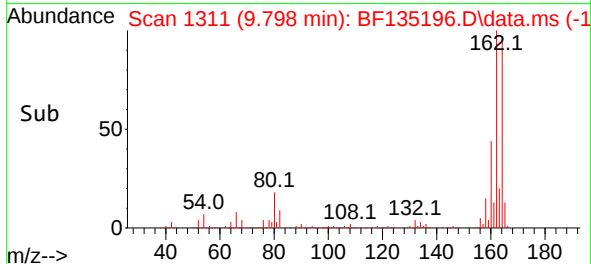
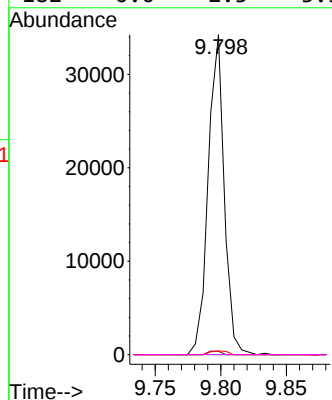
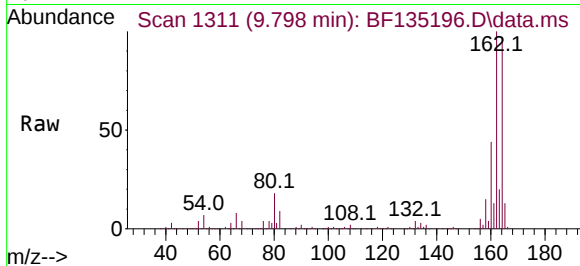




#57
2,4-Dinitrotoluene
Concen: 6.987 ng
RT: 9.798 min Scan# 11
Delta R.T. -0.206 min
Lab File: BF135196.D
Acq: 12 Sep 2023 23:09

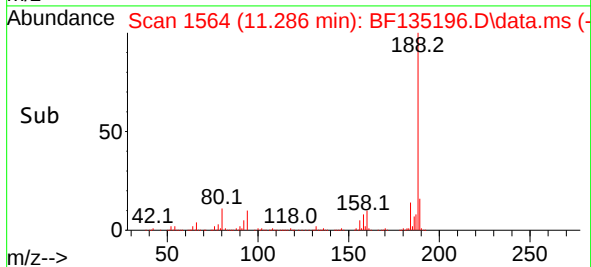
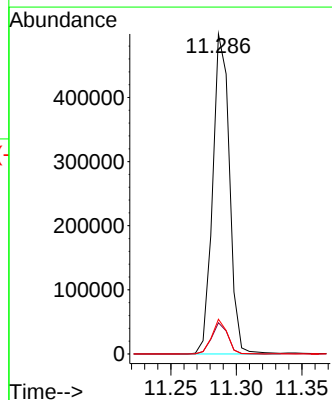
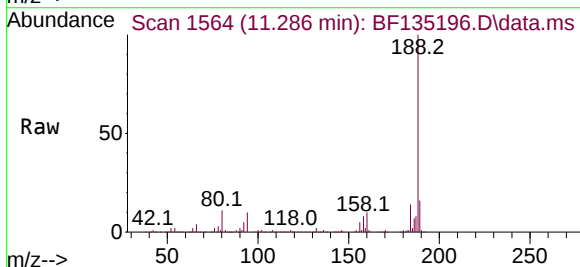
Instrument :
BNA_F
ClientSampleId :
AREA-1

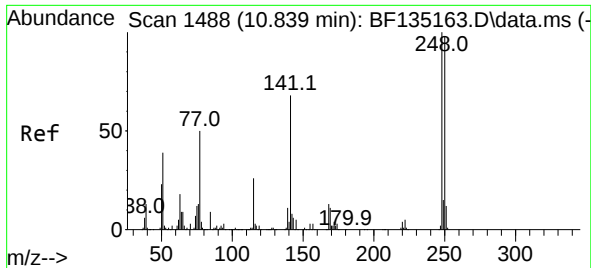
Tgt Ion:165 Resp: 29269
Ion Ratio Lower Upper
165 100
63 1.1 50.1 75.1#
89 1.2 59.3 88.9#
182 0.0 2.3 3.5#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.286 min Scan# 1564
Delta R.T. -0.006 min
Lab File: BF135196.D
Acq: 12 Sep 2023 23:09

Tgt Ion:188 Resp: 444527
Ion Ratio Lower Upper
188 100
94 9.8 7.0 10.6
80 10.8 7.5 11.3

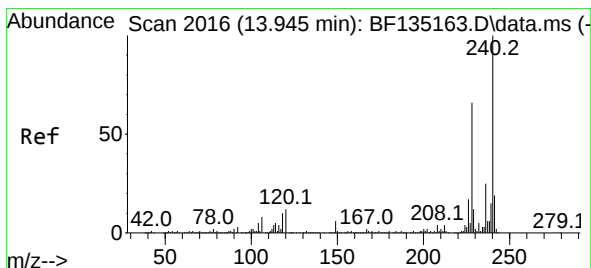
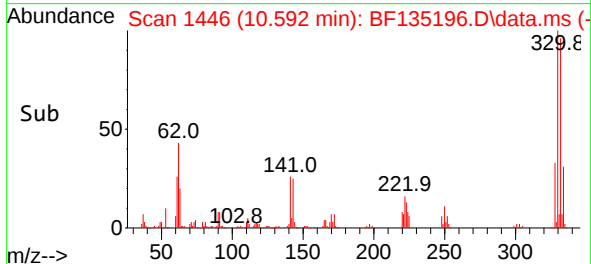
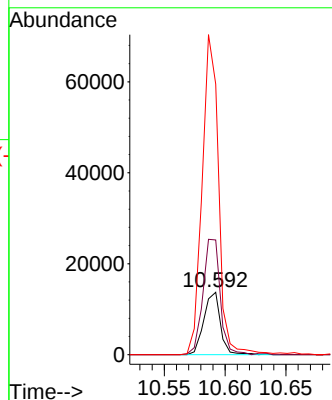
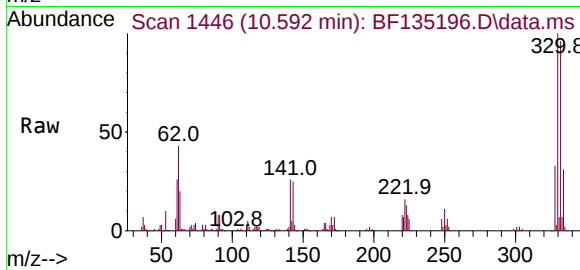




#67
4-Bromophenyl-phenylether
Concen: 2.937 ng
RT: 10.592 min Scan# 1488
Delta R.T. -0.247 min
Lab File: BF135196.D
Acq: 12 Sep 2023 23:09

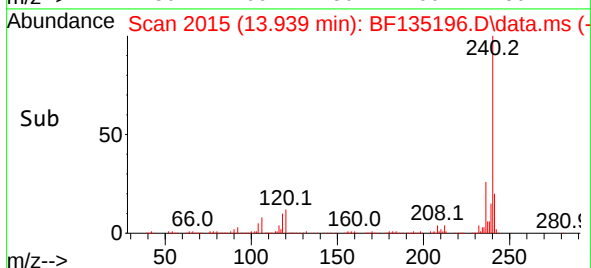
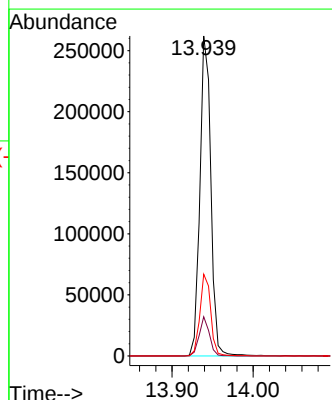
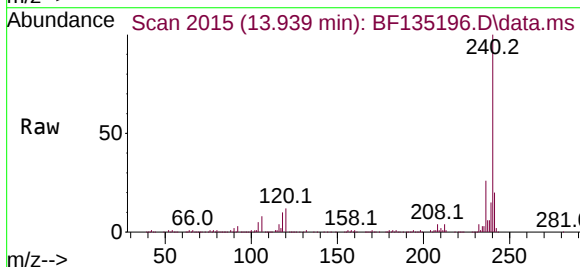
Instrument :
BNA_F
ClientSampleId :
AREA-1

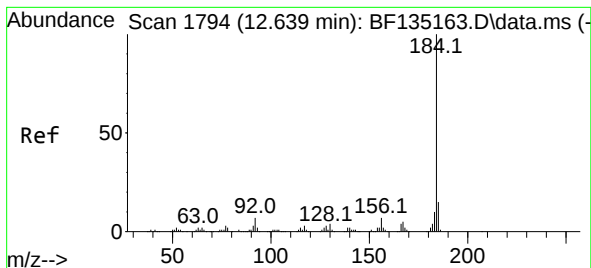
Tgt Ion:248 Resp: 12985
Ion Ratio Lower Upper
248 100
250 184.0 78.6 117.8#
141 433.7 54.2 81.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.939 min Scan# 2015
Delta R.T. -0.006 min
Lab File: BF135196.D
Acq: 12 Sep 2023 23:09

Tgt Ion:240 Resp: 245662
Ion Ratio Lower Upper
240 100
120 12.2 9.4 14.2
236 25.6 19.8 29.8





#77

Benzidine

Concen: 2.268 ng

RT: 12.886 min Scan# 1836

Delta R.T. 0.247 min

Lab File: BF135196.D

Acq: 12 Sep 2023 23:09

Instrument :

BNA_F

ClientSampleId :

AREA-1

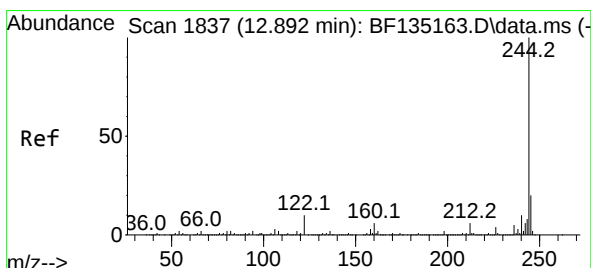
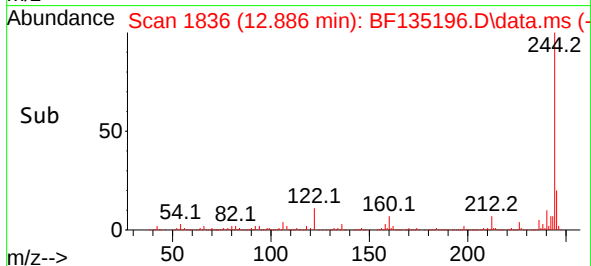
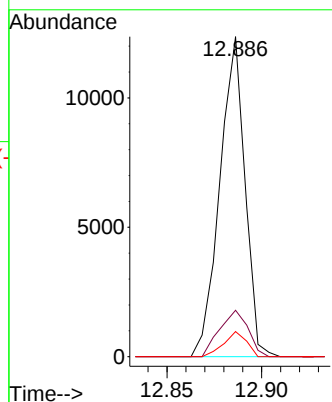
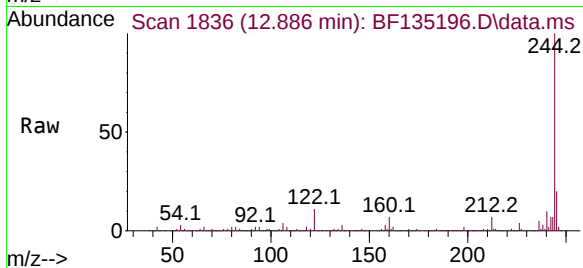
Tgt Ion:184 Resp: 11414

Ion Ratio Lower Upper

184 100

185 14.5 11.7 17.5

183 7.8 8.2 12.4#



#79

Terphenyl-d14

Concen: 58.935 ng

RT: 12.886 min Scan# 1836

Delta R.T. -0.006 min

Lab File: BF135196.D

Acq: 12 Sep 2023 23:09

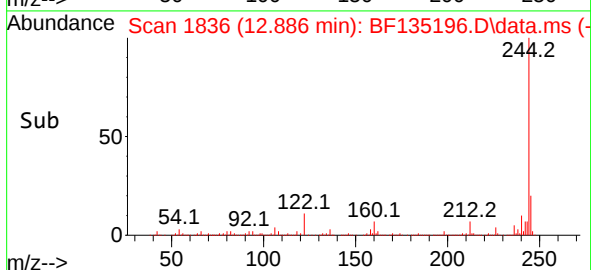
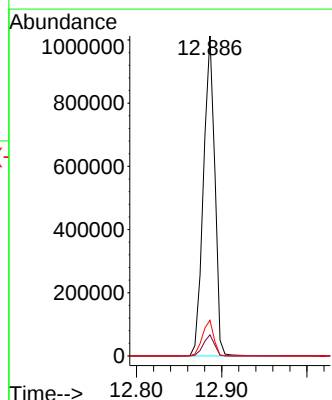
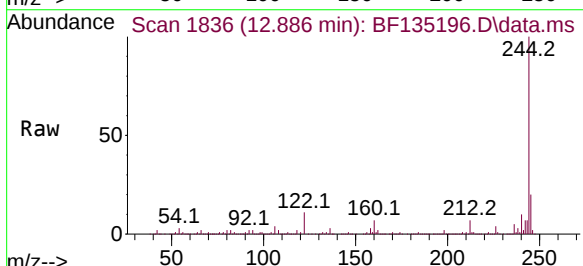
Tgt Ion:244 Resp: 933949

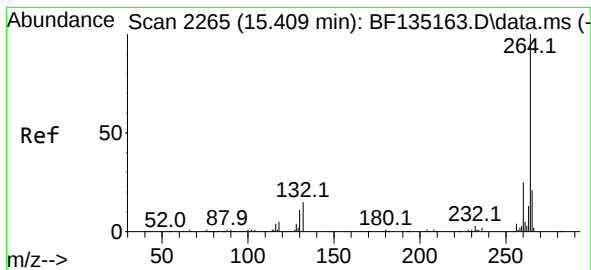
Ion Ratio Lower Upper

244 100

212 6.6 5.1 7.7

122 11.2 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: BF135196.D

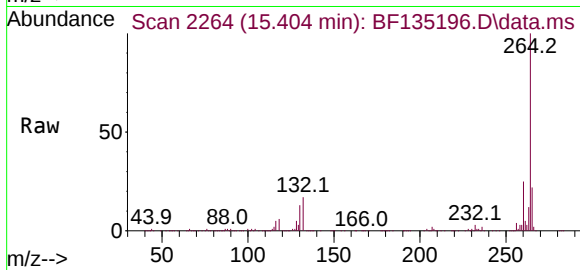
Acq: 12 Sep 2023 23:09

Instrument :

BNA_F

ClientSampleId :

AREA-1



Tgt Ion:264 Resp: 220671

Ion Ratio Lower Upper

264 100

260 24.8 19.8 29.6

265 22.2 17.0 25.4

