

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF090723\
 Data File : BF135134.D
 Acq On : 07 Sep 2023 15:00
 Operator : CG\JU
 Sample : 04283-04
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-4

Quant Time: Sep 07 17:17:53 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF083023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 31 03:48:08 2023
 Response via : Initial Calibration

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

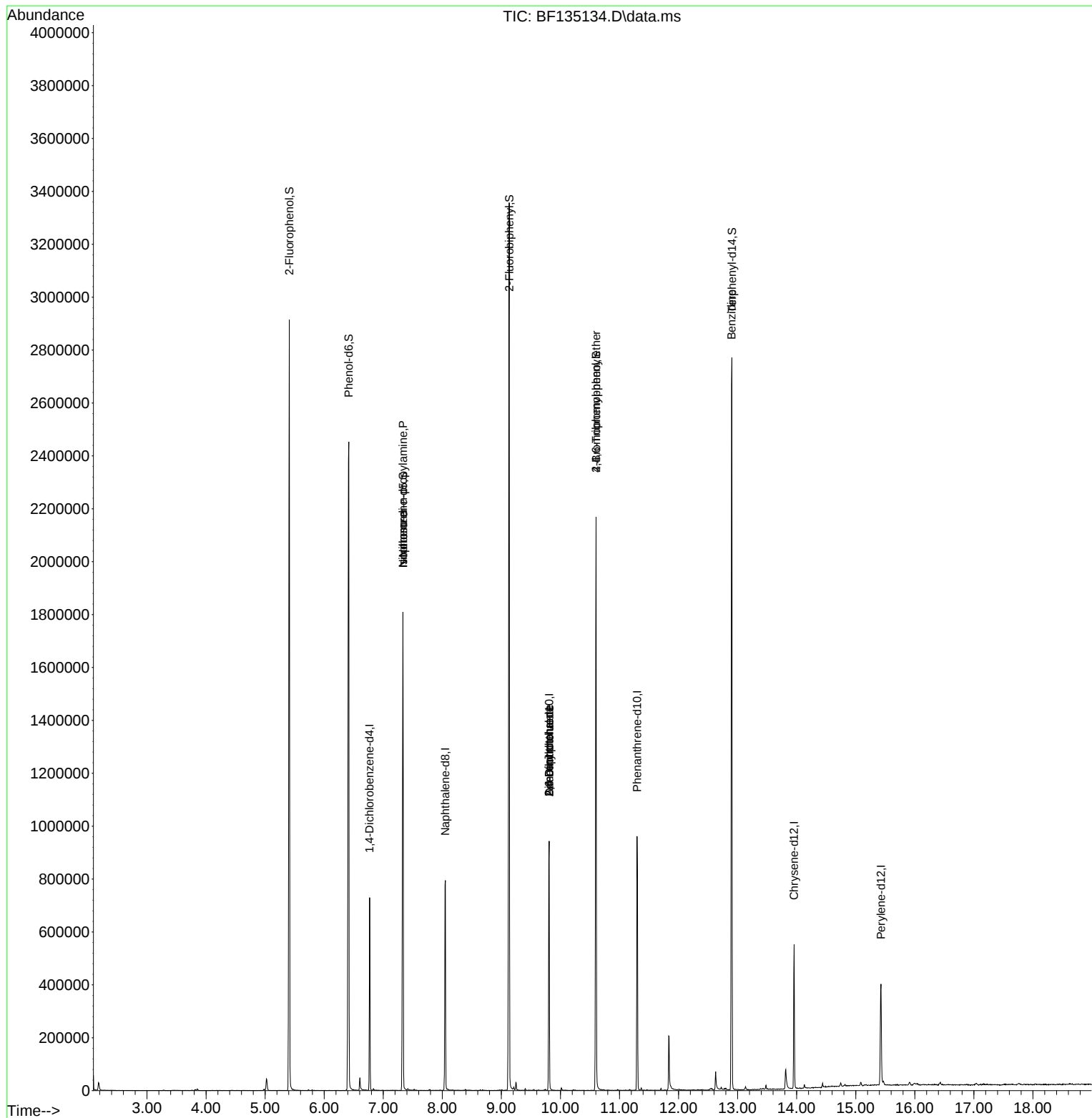
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.769	152	93026	20.000	ng	0.00
21) Naphthalene-d8	8.051	136	383509	20.000	ng	0.00
39) Acenaphthene-d10	9.810	164	198021	20.000	ng	0.00
64) Phenanthrene-d10	11.298	188	344825	20.000	ng	-0.01
76) Chrysene-d12	13.957	240	176608	20.000	ng	0.00
86) Perylene-d12	15.427	264	188345	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.410	112	768573	127.615	ng	0.01
7) Phenol-d6	6.416	99	952641	126.904	ng	0.00
23) Nitrobenzene-d5	7.334	82	604467	88.549	ng	-0.01
42) 2,4,6-Tribromophenol	10.604	330	260492	124.009	ng	0.00
45) 2-Fluorobiphenyl	9.134	172	1102369	90.636	ng	0.00
79) Terphenyl-d14	12.904	244	1040284	96.125	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.334	70	81540	18.287	ng	# 78
25) Isophorone	7.334	82	603237	46.609	ng	# 65
50) Dimethylphthalate	9.810	163	40690	2.935	ng	# 1
51) 2,6-Dinitrotoluene	9.810	165	25371	8.339	ng	# 22
57) 2,4-Dinitrotoluene	9.810	165	25371	6.691	ng	# 20
67) 4-Bromophenyl-phenylether	10.604	248	16110	4.405	ng	# 1
77) Benzidine	12.898	184	13184	4.141	ng	# 94

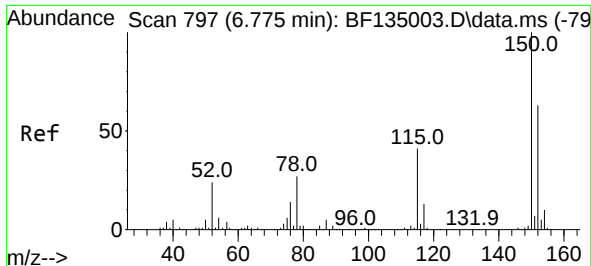
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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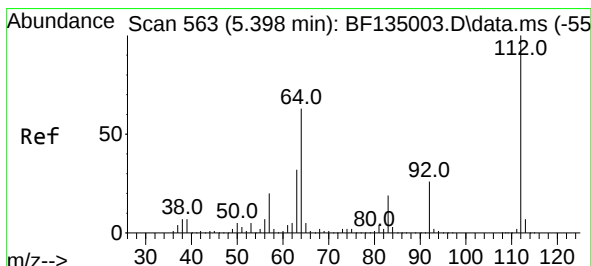
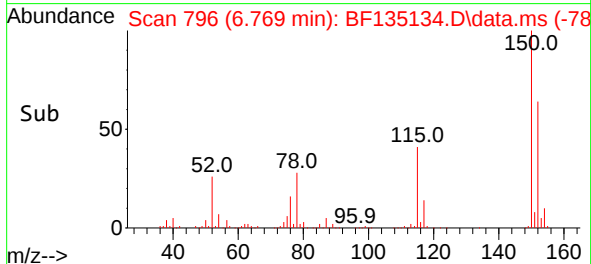
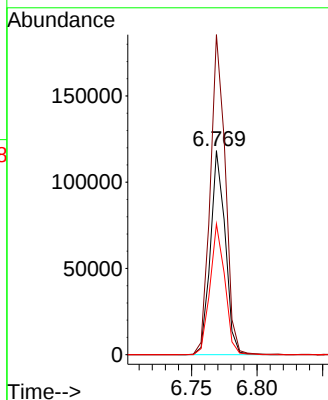
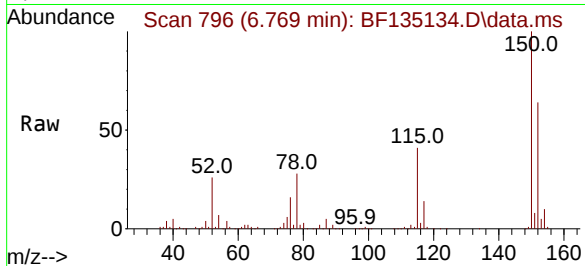




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.769 min Scan# 797
 Delta R.T. -0.006 min
 Lab File: BF135134.D
 Acq: 07 Sep 2023 15:00

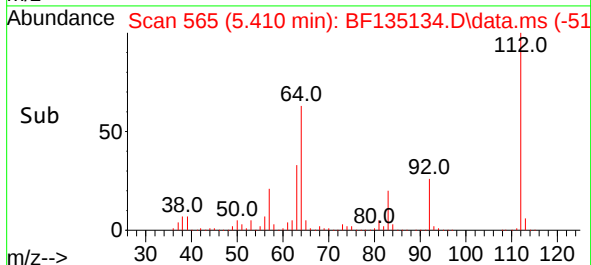
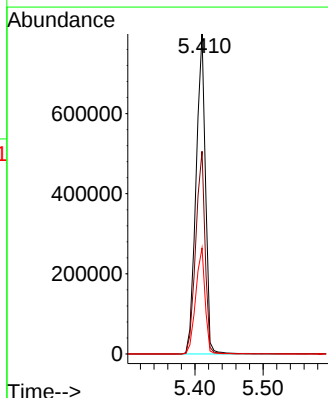
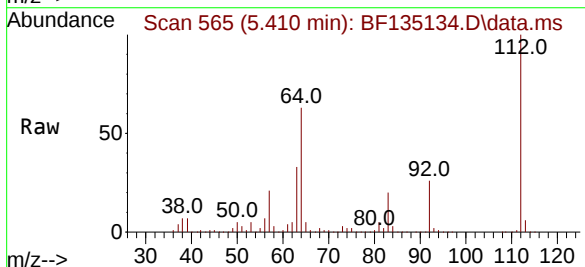
Instrument :
 BNA_F
 ClientSampleId :
 SB-4

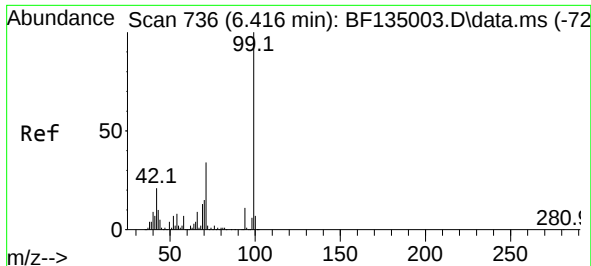
Tgt Ion:152 Resp: 93026
 Ion Ratio Lower Upper
 152 100
 150 156.9 126.2 189.4
 115 64.1 51.2 76.8



#5
 2-Fluorophenol
 Concen: 127.615 ng
 RT: 5.410 min Scan# 565
 Delta R.T. 0.012 min
 Lab File: BF135134.D
 Acq: 07 Sep 2023 15:00

Tgt Ion:112 Resp: 768573
 Ion Ratio Lower Upper
 112 100
 64 63.3 50.5 75.7
 63 33.1 25.9 38.9

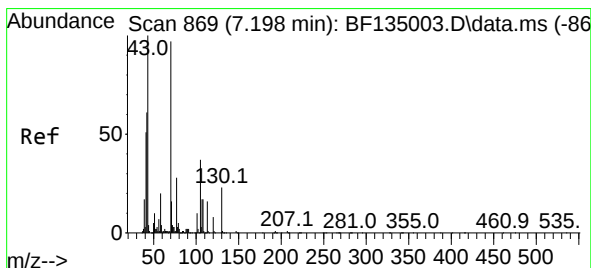
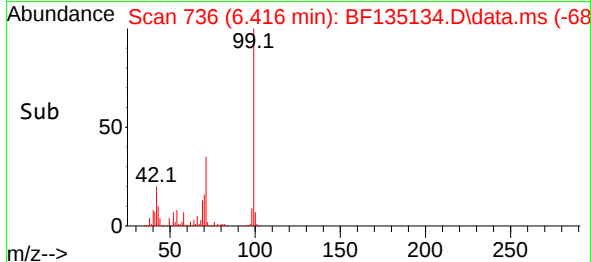
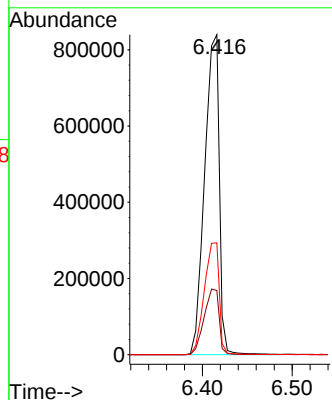
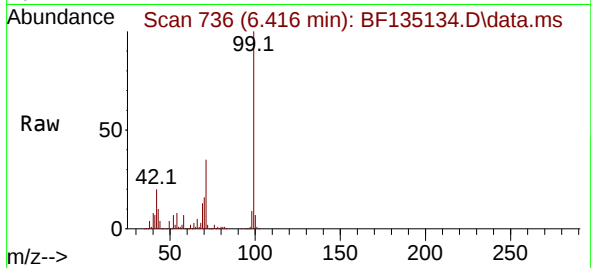




#7
Phenol-d6
Concen: 126.904 ng
RT: 6.416 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF135134.D
Acq: 07 Sep 2023 15:00

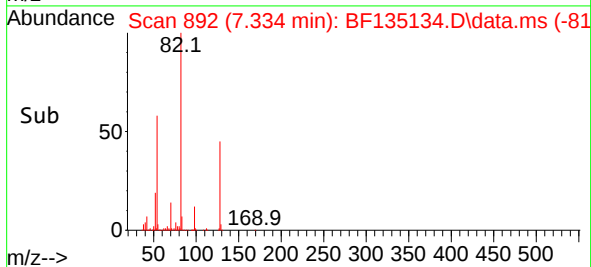
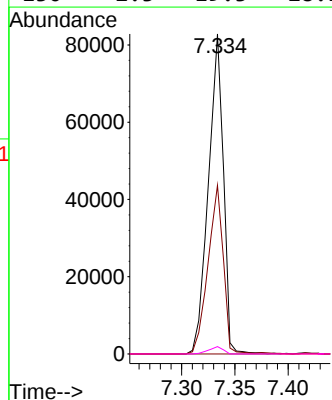
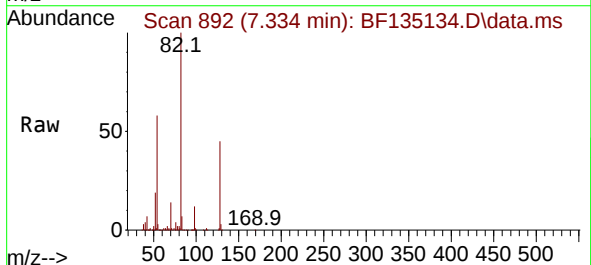
Instrument :
BNA_F
ClientSampleId :
SB-4

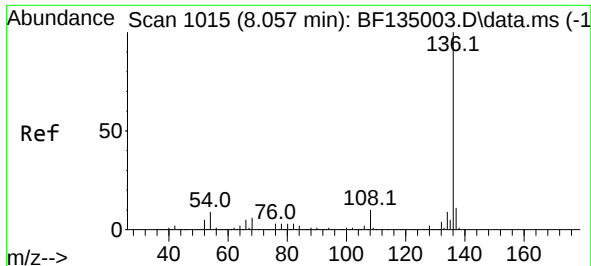
Tgt Ion: 99 Resp: 952641
Ion Ratio Lower Upper
99 100
42 20.0 16.6 25.0
71 35.0 27.0 40.6



#19
n-Nitroso-di-n-propylamine
Concen: 18.287 ng
RT: 7.334 min Scan# 892
Delta R.T. 0.135 min
Lab File: BF135134.D
Acq: 07 Sep 2023 15:00

Tgt Ion: 70 Resp: 81540
Ion Ratio Lower Upper
70 100
42 52.7 50.2 75.4
101 0.0 8.1 12.1#
130 2.3 19.3 28.9#

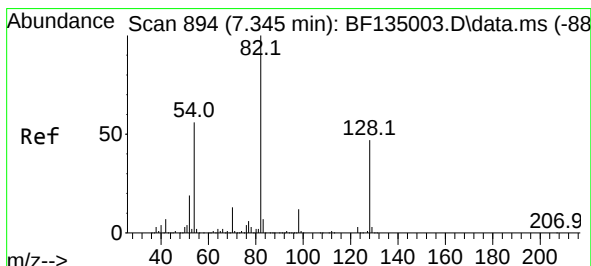
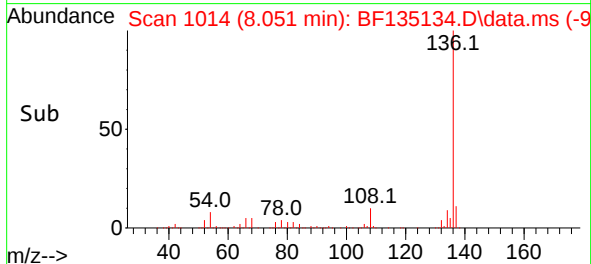
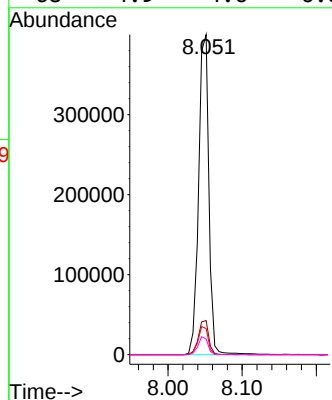
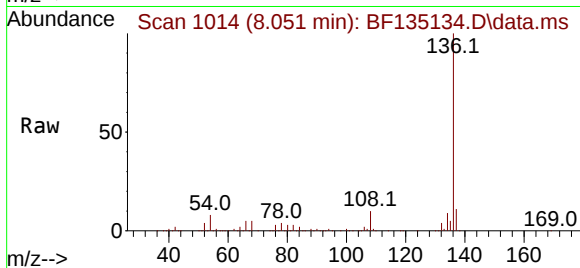




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.051 min Scan# 1015
Delta R.T. -0.006 min
Lab File: BF135134.D
Acq: 07 Sep 2023 15:00

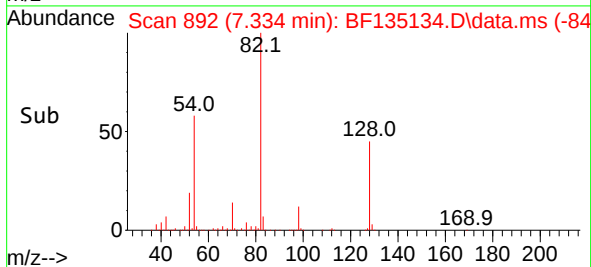
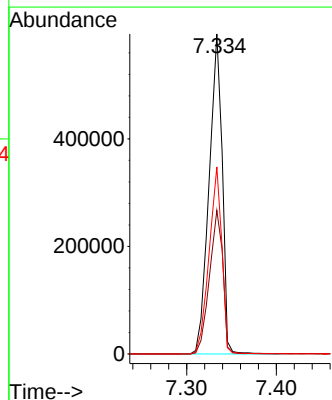
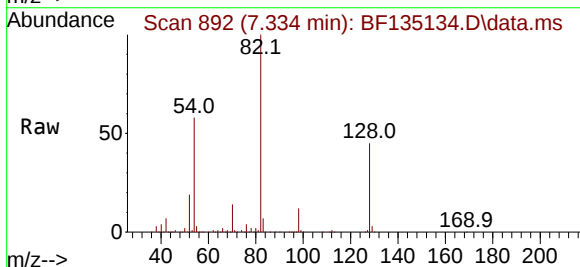
Instrument :
BNA_F
ClientSampleId :
SB-4

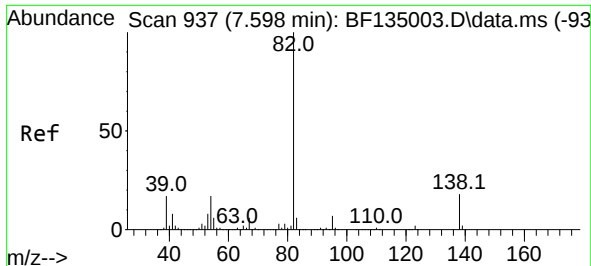
Tgt Ion:	136	Resp:	383509
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.8	13.2
54	8.2	7.0	10.4
68	4.9	4.6	6.8



#23
Nitrobenzene-d5
Concen: 88.549 ng
RT: 7.334 min Scan# 892
Delta R.T. -0.012 min
Lab File: BF135134.D
Acq: 07 Sep 2023 15:00

Tgt Ion:	82	Resp:	604467
Ion	Ratio	Lower	Upper
82	100		
128	44.8	37.8	56.8
54	58.5	45.0	67.6

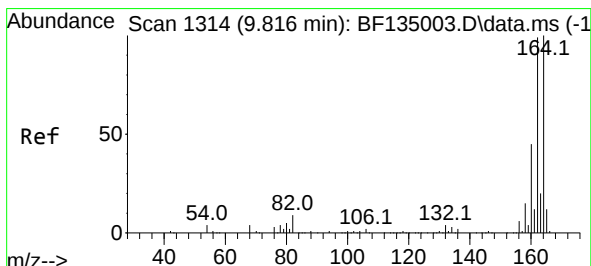
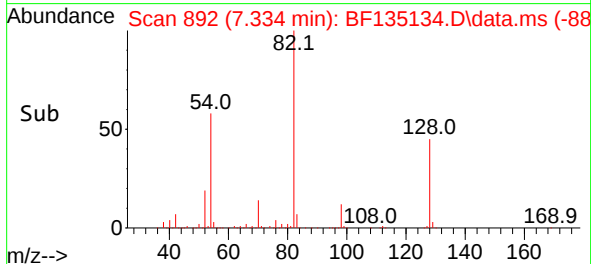
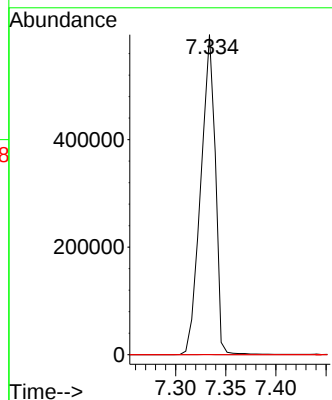
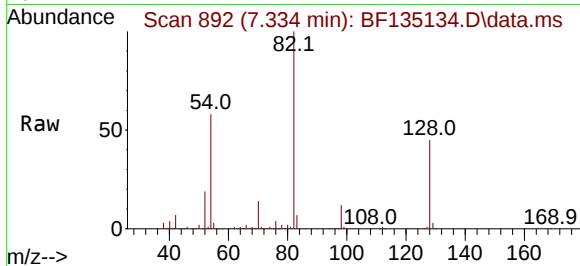




#25
Isophorone
Concen: 46.609 ng
RT: 7.334 min Scan# 892
Delta R.T. -0.265 min
Lab File: BF135134.D
Acq: 07 Sep 2023 15:00

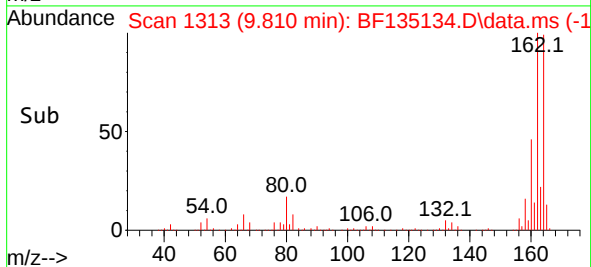
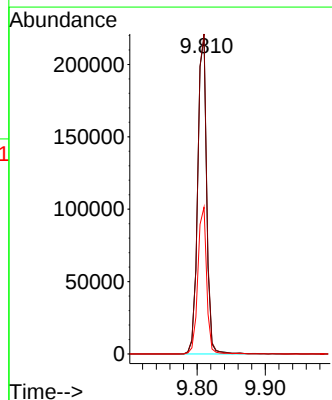
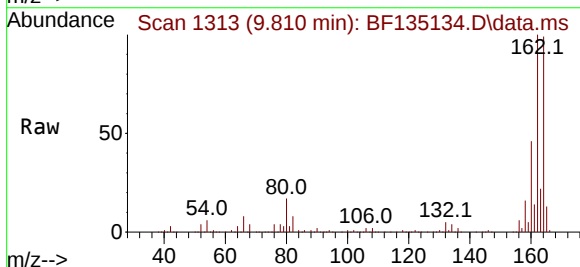
Instrument :
BNA_F
ClientSampleId :
SB-4

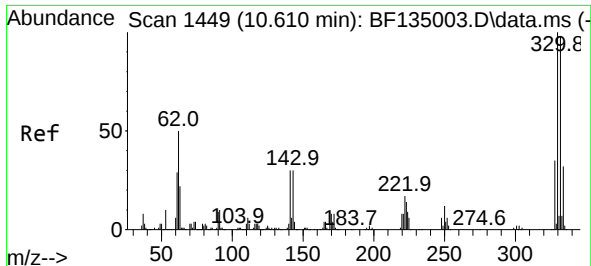
Tgt Ion: 82 Resp: 603237
Ion Ratio Lower Upper
82 100
95 0.0 5.6 8.4#
138 0.0 14.7 22.1#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.810 min Scan# 1313
Delta R.T. -0.006 min
Lab File: BF135134.D
Acq: 07 Sep 2023 15:00

Tgt Ion:164 Resp: 198021
Ion Ratio Lower Upper
164 100
162 101.1 79.5 119.3
160 46.4 36.0 54.0





#42

2,4,6-Tribromophenol

Concen: 124.009 ng

RT: 10.604 min Scan# 1448

Delta R.T. -0.006 min

Lab File: BF135134.D

Acq: 07 Sep 2023 15:00

Instrument :

BNA_F

ClientSampleId :

SB-4

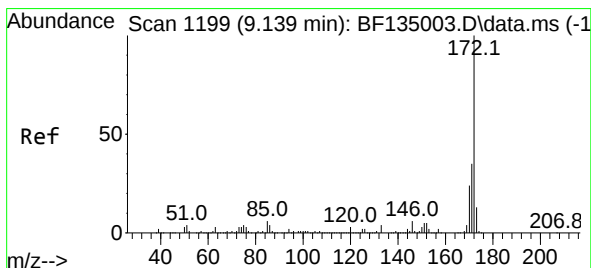
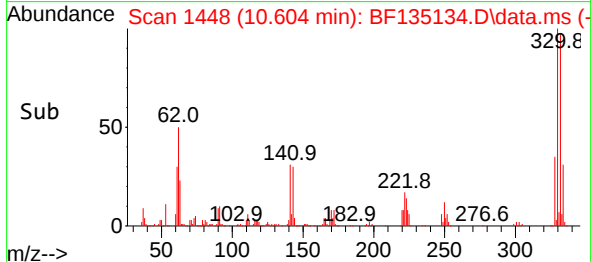
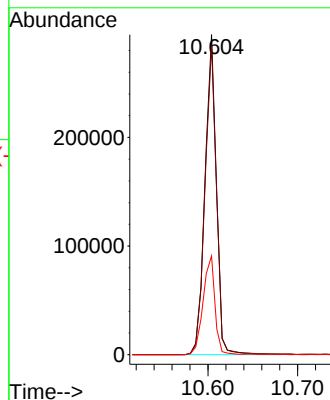
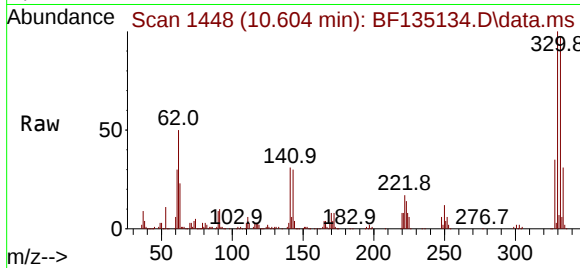
Tgt Ion:330 Resp: 260492

Ion Ratio Lower Upper

330 100

332 97.1 77.6 116.4

141 32.3 26.3 39.5



#45

2-Fluorobiphenyl

Concen: 90.636 ng

RT: 9.134 min Scan# 1198

Delta R.T. -0.006 min

Lab File: BF135134.D

Acq: 07 Sep 2023 15:00

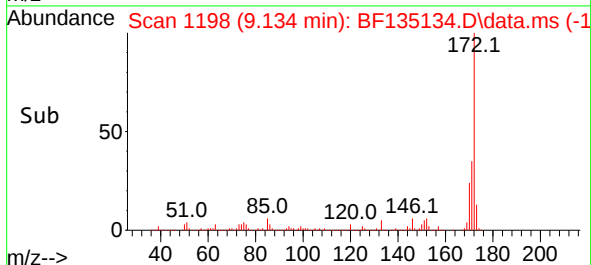
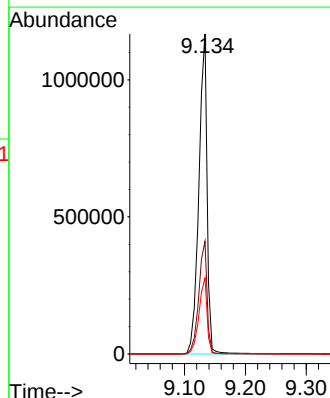
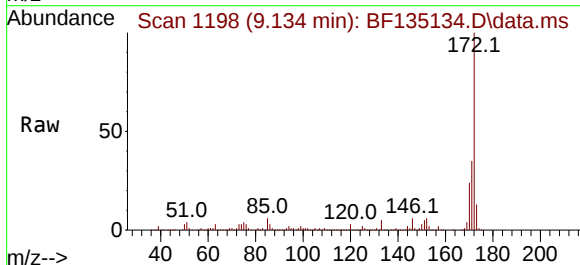
Tgt Ion:172 Resp: 1102369

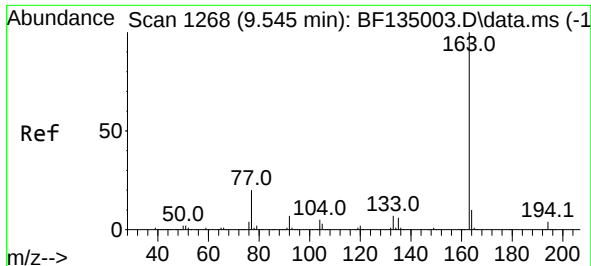
Ion Ratio Lower Upper

172 100

171 35.2 28.2 42.2

170 23.8 19.0 28.4

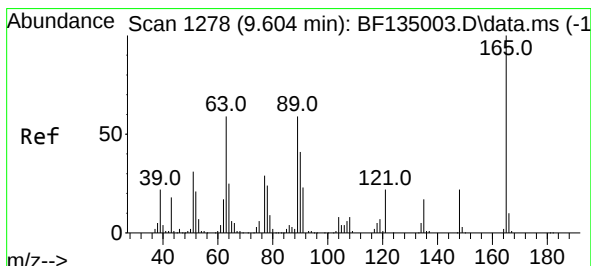
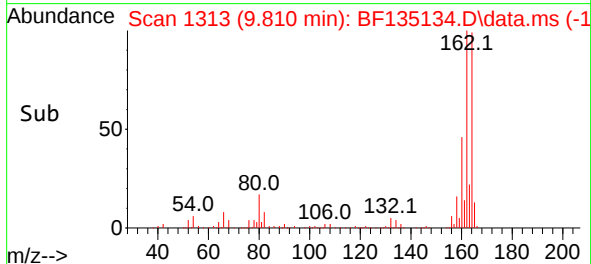
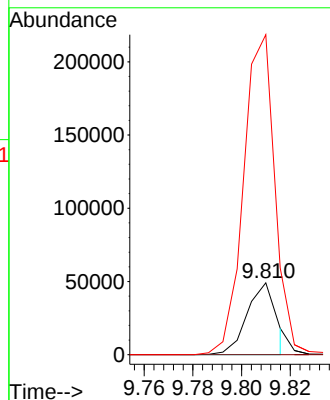
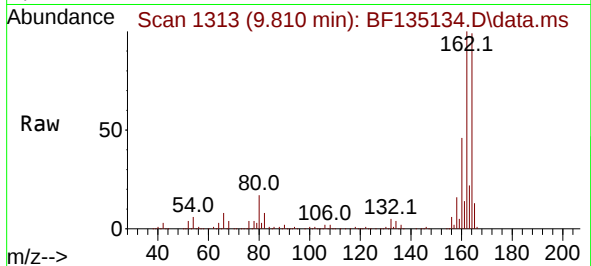




#50
Dimethylphthalate
Concen: 2.935 ng
RT: 9.810 min Scan# 11
Delta R.T. 0.265 min
Lab File: BF135134.D
Acq: 07 Sep 2023 15:00

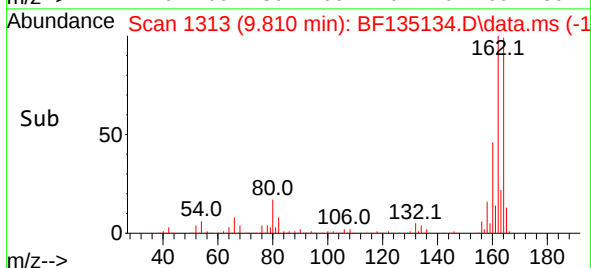
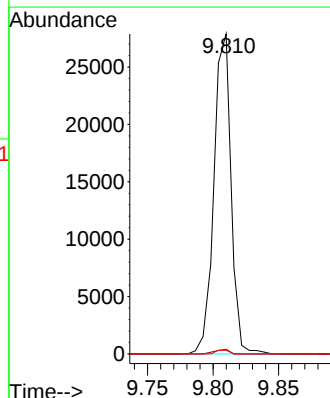
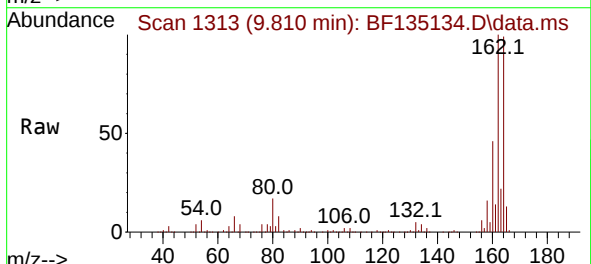
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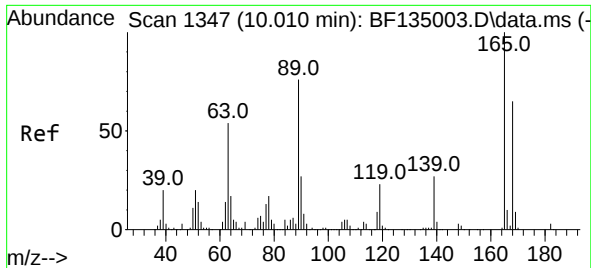
Tgt Ion:163 Resp: 40690
Ion Ratio Lower Upper
163 100
194 0.0 3.0 4.6#
164 445.2 8.1 12.1#



#51
2,6-Dinitrotoluene
Concen: 8.339 ng
RT: 9.810 min Scan# 1313
Delta R.T. 0.206 min
Lab File: BF135134.D
Acq: 07 Sep 2023 15:00

Tgt Ion:165 Resp: 25371
Ion Ratio Lower Upper
165 100
63 1.4 50.4 75.6#
89 1.1 47.1 70.7#

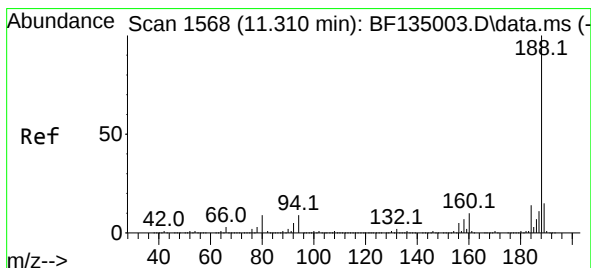
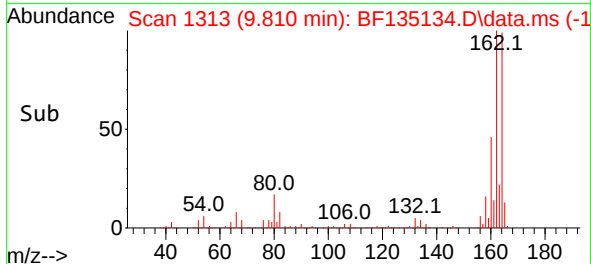
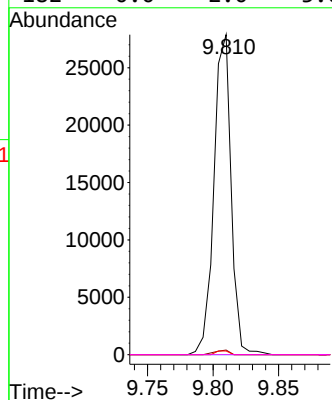
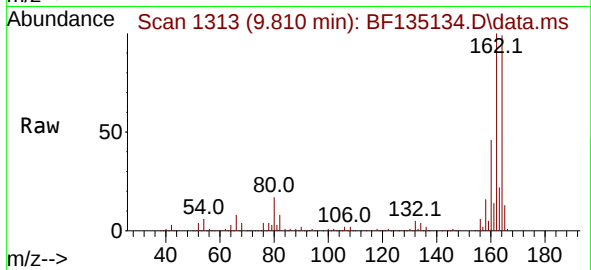




#57
2,4-Dinitrotoluene
Concen: 6.691 ng
RT: 9.810 min Scan# 11
Delta R.T. -0.200 min
Lab File: BF135134.D
Acq: 07 Sep 2023 15:00

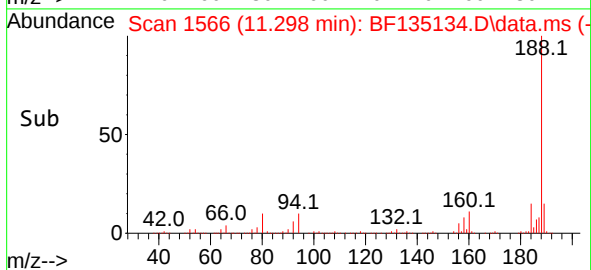
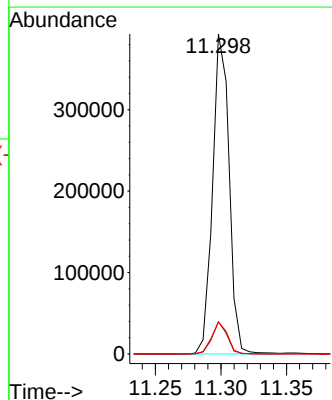
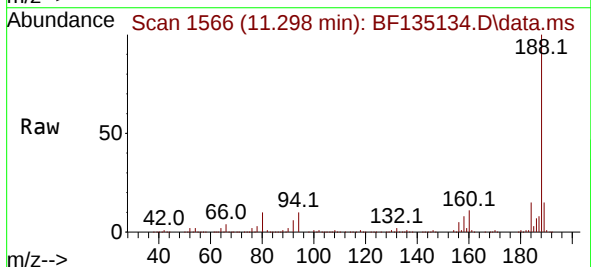
Instrument :
BNA_F
ClientSampleId :
SB-4

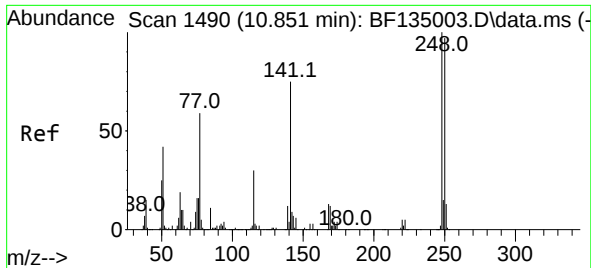
Tgt Ion:165 Resp: 25371
Ion Ratio Lower Upper
165 100
63 1.4 43.2 64.8#
89 1.1 60.8 91.2#
182 0.0 2.0 3.0#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.298 min Scan# 1566
Delta R.T. -0.012 min
Lab File: BF135134.D
Acq: 07 Sep 2023 15:00

Tgt Ion:188 Resp: 344825
Ion Ratio Lower Upper
188 100
94 10.1 7.0 10.4
80 10.0 7.4 11.2

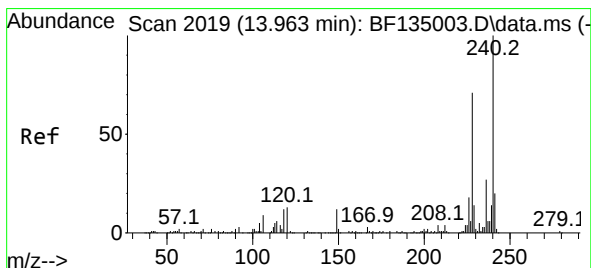
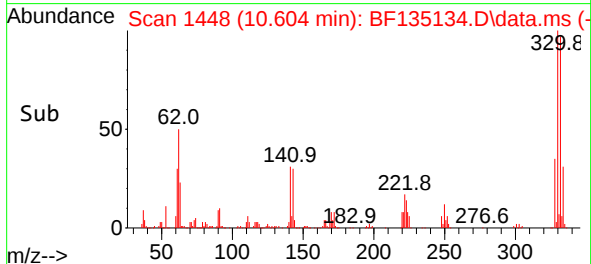
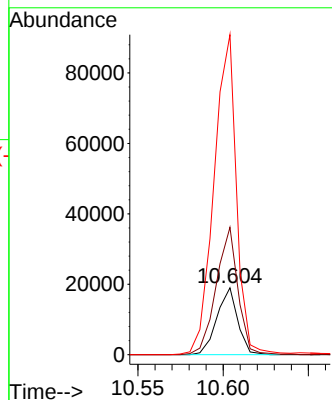
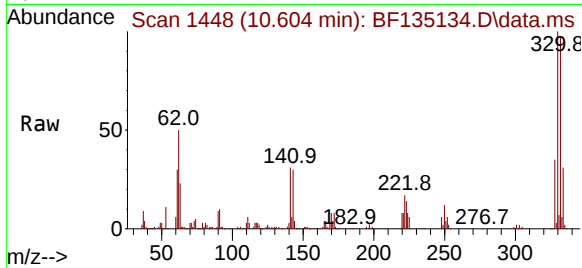




#67
4-Bromophenyl-phenylether
Concen: 4.405 ng
RT: 10.604 min Scan# 14
Delta R.T. -0.247 min
Lab File: BF135134.D
Acq: 07 Sep 2023 15:00

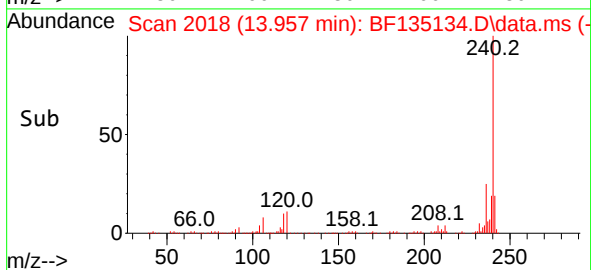
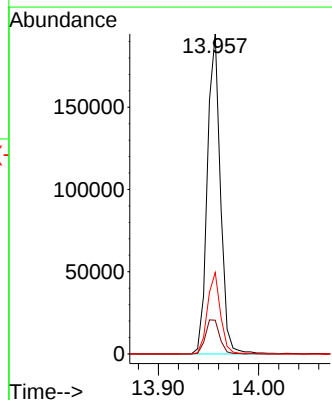
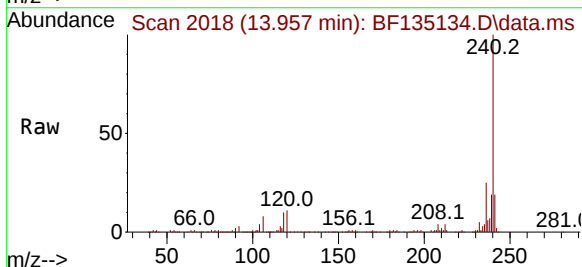
Instrument :
BNA_F
ClientSampleId :
SB-4

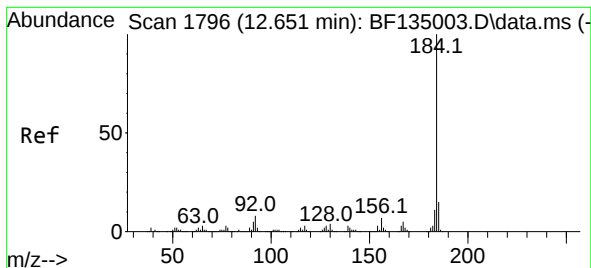
Tgt Ion:248 Resp: 16110
Ion Ratio Lower Upper
248 100
250 190.5 77.9 116.9#
141 478.9 59.8 89.8#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.957 min Scan# 2018
Delta R.T. -0.006 min
Lab File: BF135134.D
Acq: 07 Sep 2023 15:00

Tgt Ion:240 Resp: 176608
Ion Ratio Lower Upper
240 100
120 10.6 10.2 15.2
236 25.4 21.3 31.9





#77

Benzidine

Concen: 4.141 ng

RT: 12.898 min Scan# 1838

Delta R.T. 0.247 min

Lab File: BF135134.D

Acq: 07 Sep 2023 15:00

Instrument :

BNA_F

ClientSampleId :

SB-4

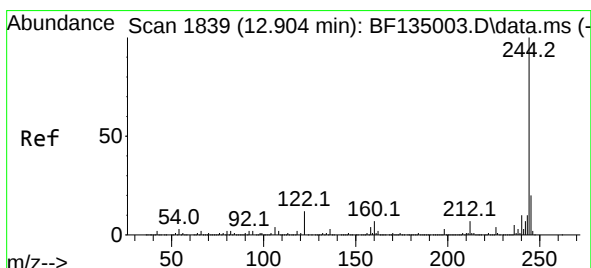
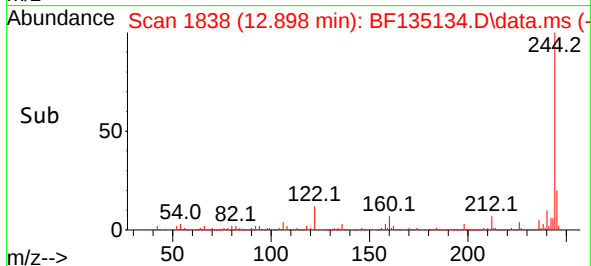
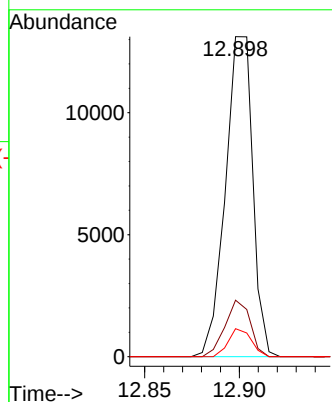
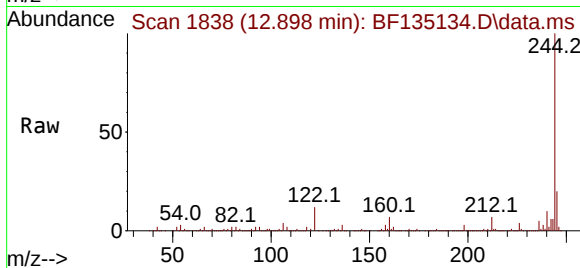
Tgt Ion:184 Resp: 13184

Ion Ratio Lower Upper

184 100

185 17.6 12.0 18.0

183 8.8 9.0 13.6#



#79

Terphenyl-d14

Concen: 96.125 ng

RT: 12.904 min Scan# 1839

Delta R.T. 0.000 min

Lab File: BF135134.D

Acq: 07 Sep 2023 15:00

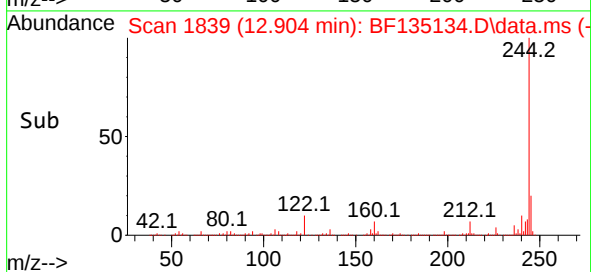
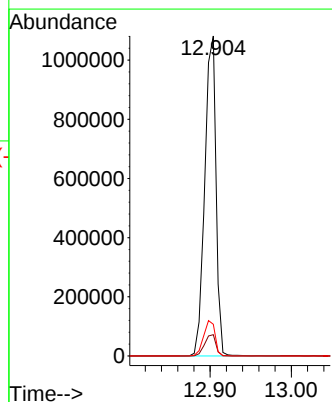
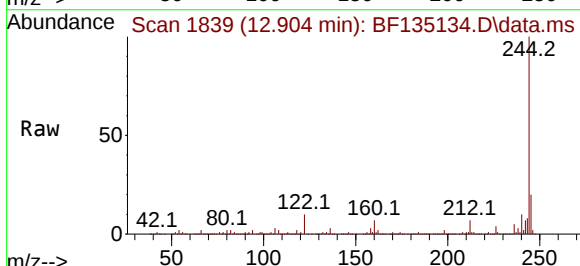
Tgt Ion:244 Resp: 1040284

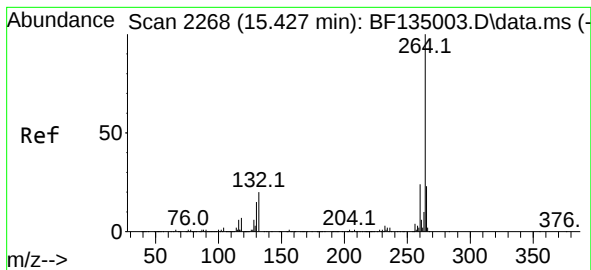
Ion Ratio Lower Upper

244 100

212 6.7 5.6 8.4

122 9.9 9.8 14.6





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.427 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BF135134.D
 Acq: 07 Sep 2023 15:00

Instrument :
 BNA_F
 ClientSampleId :
 SB-4

Tgt Ion:264 Resp: 188345
 Ion Ratio Lower Upper
 264 100
 260 24.9 19.0 28.6
 265 20.9 18.2 27.2

