

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122223\
 Data File : BF136694.D
 Acq On : 22 Dec 2023 19:43
 Operator : CG\JU
 Sample : 05796-04
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RT-SB-06-13-14

Quant Time: Dec 23 01:55:05 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 21 01:54:25 2023
 Response via : Initial Calibration

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

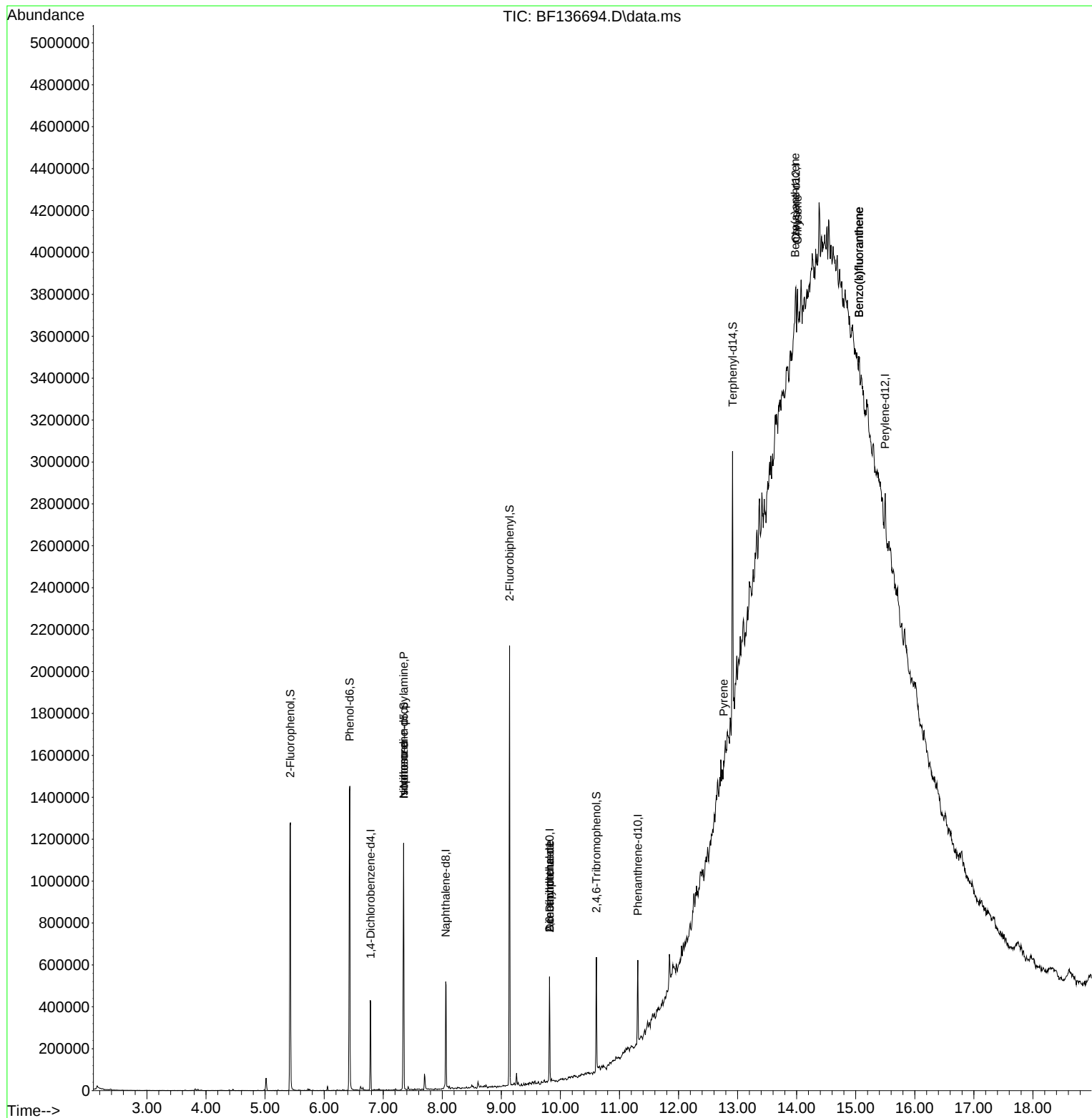
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.787	152	64921	20.000	ng	0.00
21) Naphthalene-d8	8.057	136	222424	20.000	ng	-0.01
39) Acenaphthene-d10	9.816	164	90334	20.000	ng	-0.01
64) Phenanthrene-d10	11.310	188	139610	20.000	ng	0.00
76) Chrysene-d12	13.986	240	99767	20.000	ng	# 0.02
86) Perylene-d12	15.498	264	100209	20.000	ng	# 0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.428	112	360610	86.668	ng	0.00
7) Phenol-d6	6.434	99	534200	99.083	ng	0.00
23) Nitrobenzene-d5	7.346	82	356620	82.044	ng	-0.01
42) 2,4,6-Tribromophenol	10.610	330	65462	61.531	ng	-0.01
45) 2-Fluorobiphenyl	9.140	172	592225	88.177	ng	-0.01
79) Terphenyl-d14	12.916	244	506590	70.960	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.346	70	47239	14.454	ng	# 76
25) Isophorone	7.346	82	355651	44.967	ng	# 65
50) Dimethylphthalate	9.816	163	17473	2.648	ng	# 1
51) 2,6-Dinitrotoluene	9.816	165	13025	8.698	ng	# 30
78) Pyrene	12.763	202	24653	2.517	ng	# 83
81) Benzo(a)anthracene	13.975	228	66613	9.615	ng	# 71
83) Chrysene	14.016	228	82191	12.132	ng	# 77
88) Benzo(b)fluoranthene	15.057	252	18012	2.691	ng	# 1
89) Benzo(k)fluoranthene	15.057	252	18012	2.848	ng	# 1

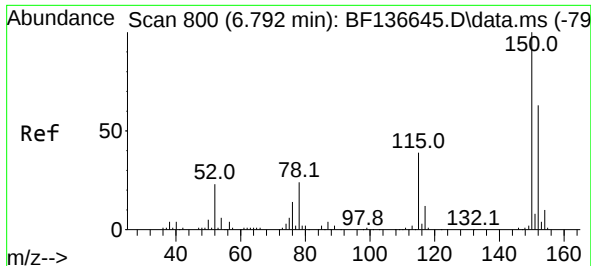
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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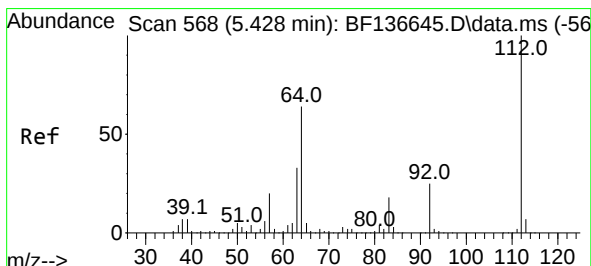
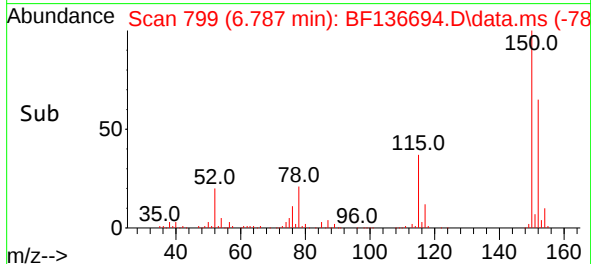
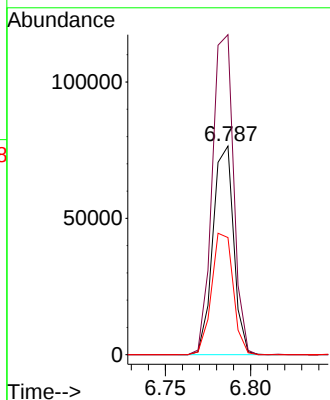
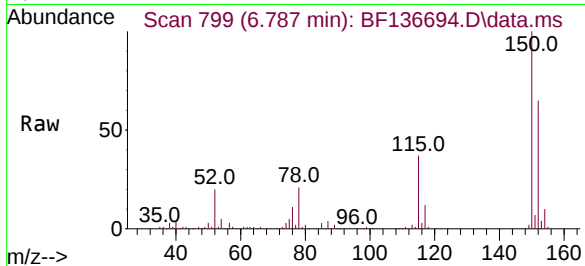




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.787 min Scan# 79
 Delta R.T. -0.005 min
 Lab File: BF136694.D
 Acq: 22 Dec 2023 19:43

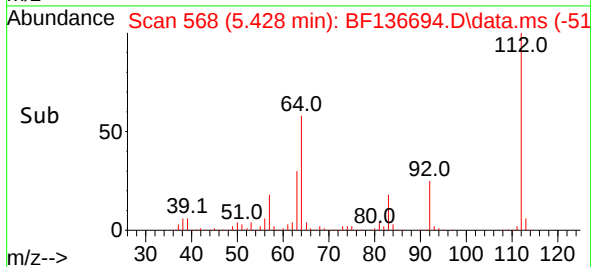
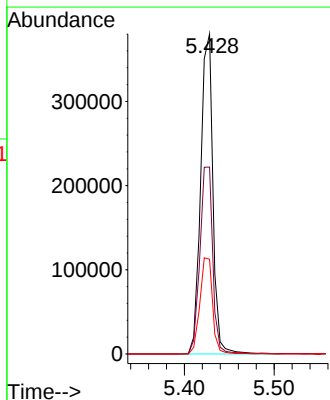
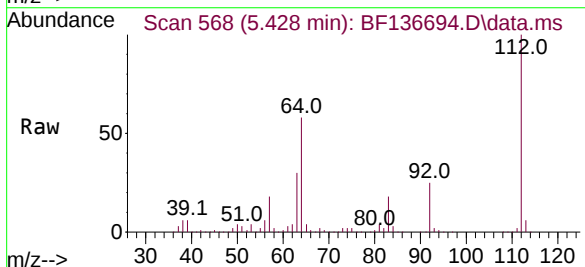
Instrument :
 BNA_F
 ClientSampleId :
 RT-SB-06-13-14

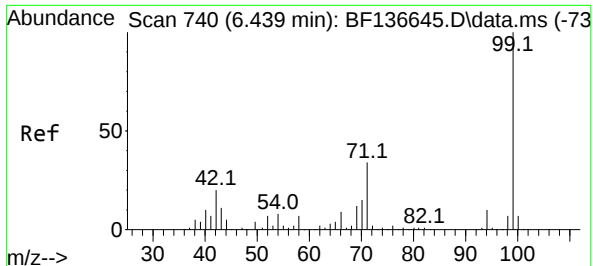
Tgt Ion:152 Resp: 64921
 Ion Ratio Lower Upper
 152 100
 150 153.4 127.0 190.6
 115 56.1 49.0 73.4



#5
 2-Fluorophenol
 Concen: 86.668 ng
 RT: 5.428 min Scan# 568
 Delta R.T. 0.000 min
 Lab File: BF136694.D
 Acq: 22 Dec 2023 19:43

Tgt Ion:112 Resp: 360610
 Ion Ratio Lower Upper
 112 100
 64 58.4 51.1 76.7
 63 29.6 26.1 39.1

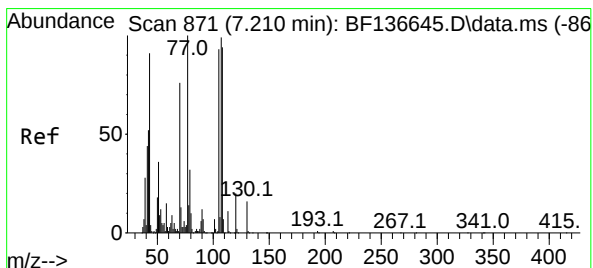
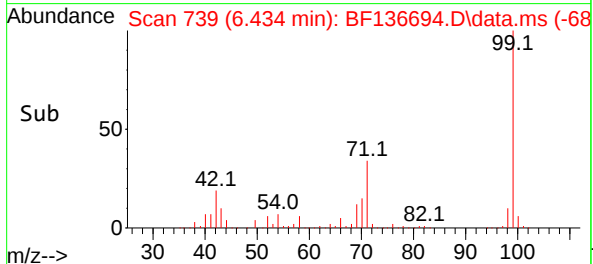
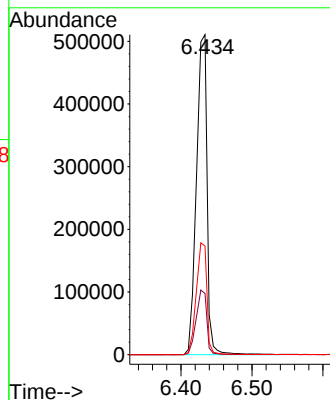
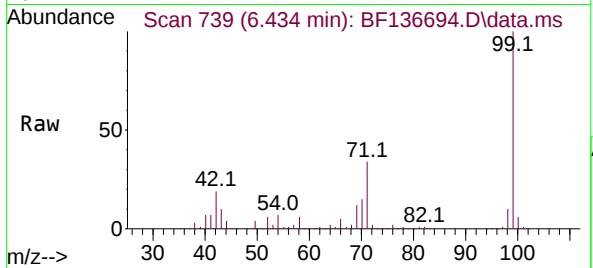




#7
Phenol-d6
Concen: 99.083 ng
RT: 6.434 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF136694.D
Acq: 22 Dec 2023 19:43

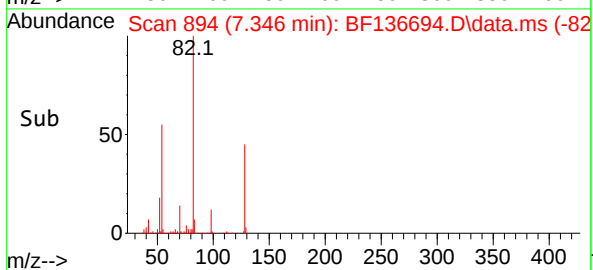
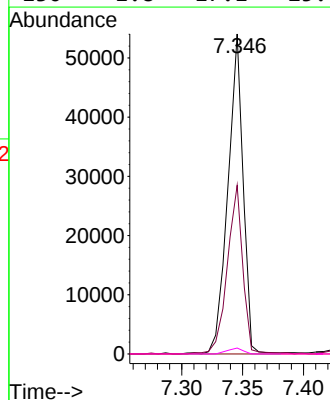
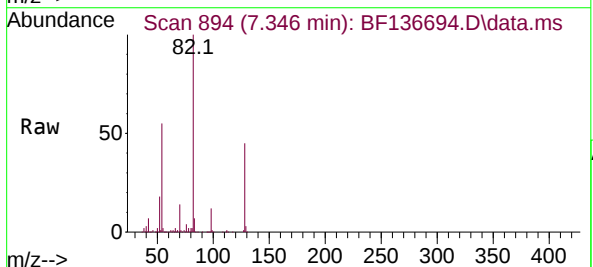
Instrument :
BNA_F
ClientSampleId :
RT-SB-06-13-14

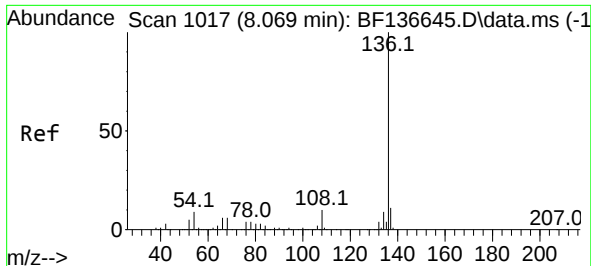
Tgt Ion: 99 Resp: 534200
Ion Ratio Lower Upper
99 100
42 19.1 16.1 24.1
71 33.9 27.4 41.2



#19
n-Nitroso-di-n-propylamine
Concen: 14.454 ng
RT: 7.346 min Scan# 894
Delta R.T. 0.136 min
Lab File: BF136694.D
Acq: 22 Dec 2023 19:43

Tgt Ion: 70 Resp: 47239
Ion Ratio Lower Upper
70 100
42 52.7 54.2 81.4#
101 0.0 7.6 11.4#
130 1.8 17.1 25.7#



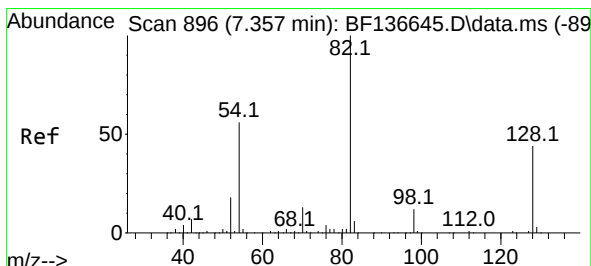
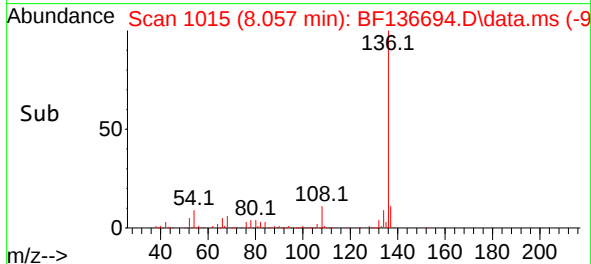
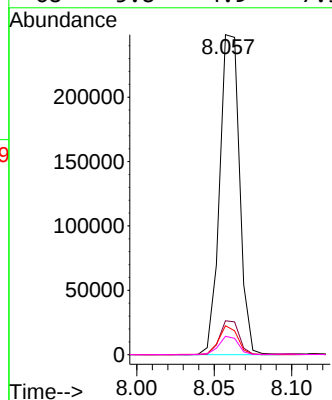
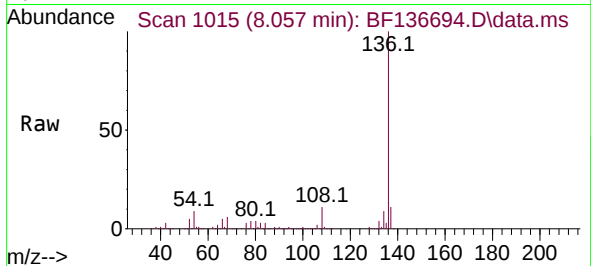


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.057 min Scan# 1017
Delta R.T. -0.011 min
Lab File: BF136694.D
Acq: 22 Dec 2023 19:43

Instrument :
BNA_F
ClientSampleId :
RT-SB-06-13-14

Tgt Ion:136 Resp: 222424

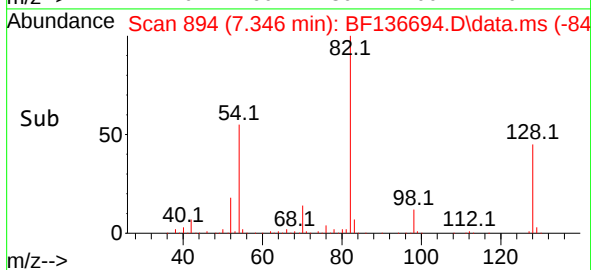
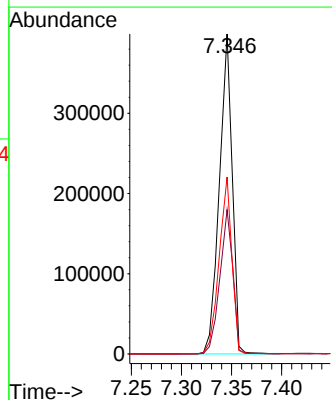
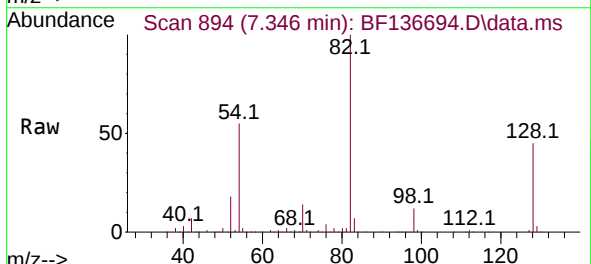
Ion	Ratio	Lower	Upper
136	100		
137	10.6	9.0	13.4
54	9.1	7.2	10.8
68	5.8	4.9	7.3

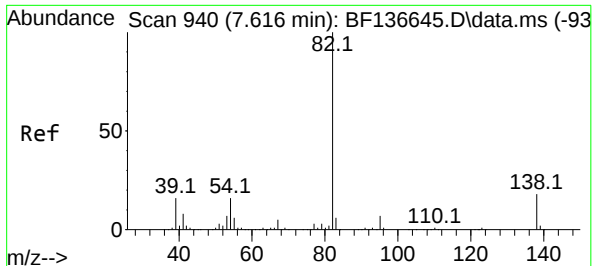


#23
Nitrobenzene-d5
Concen: 82.044 ng
RT: 7.346 min Scan# 894
Delta R.T. -0.011 min
Lab File: BF136694.D
Acq: 22 Dec 2023 19:43

Tgt Ion: 82 Resp: 356620

Ion	Ratio	Lower	Upper
82	100		
128	45.1	35.3	52.9
54	55.3	44.5	66.7

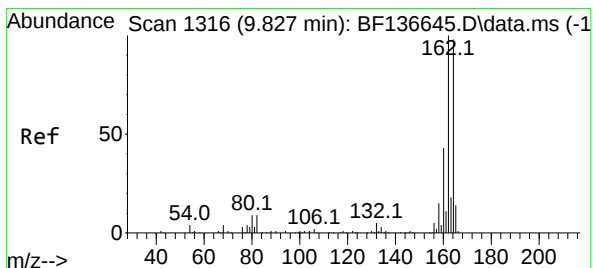
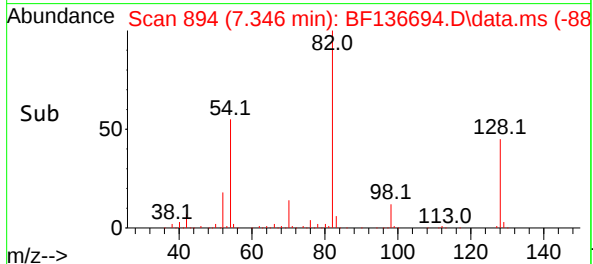
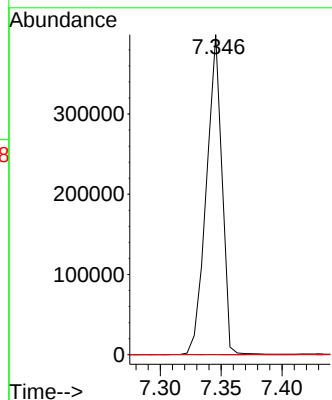
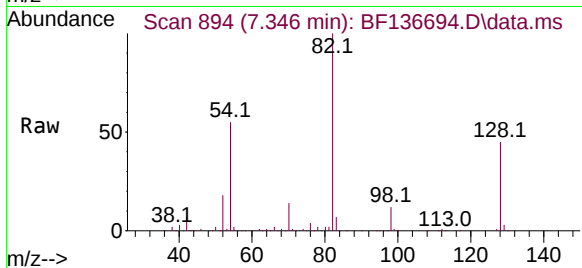




#25
Isophorone
Concen: 44.967 ng
RT: 7.346 min Scan# 894
Delta R.T. -0.270 min
Lab File: BF136694.D
Acq: 22 Dec 2023 19:43

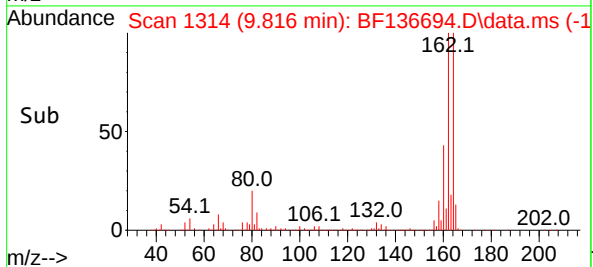
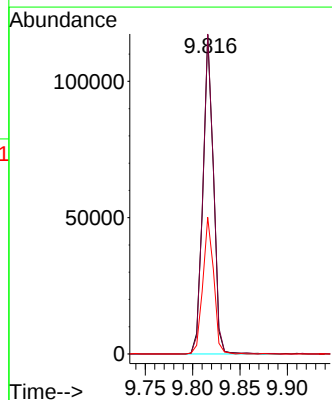
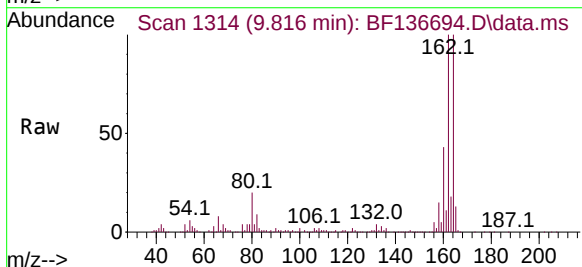
Instrument :
BNA_F
ClientSampleId :
RT-SB-06-13-14

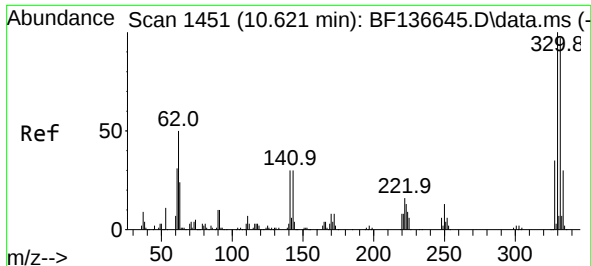
Tgt Ion: 82 Resp: 355651
Ion Ratio Lower Upper
82 100
95 0.0 5.5 8.3#
138 0.0 14.5 21.7#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.816 min Scan# 1314
Delta R.T. -0.011 min
Lab File: BF136694.D
Acq: 22 Dec 2023 19:43

Tgt Ion:164 Resp: 90334
Ion Ratio Lower Upper
164 100
162 100.2 81.6 122.4
160 42.8 34.9 52.3





#42

2,4,6-Tribromophenol

Concen: 61.531 ng

RT: 10.610 min Scan# 1449

Delta R.T. -0.011 min

Lab File: BF136694.D

Acq: 22 Dec 2023 19:43

Instrument :

BNA_F

ClientSampleId :

RT-SB-06-13-14

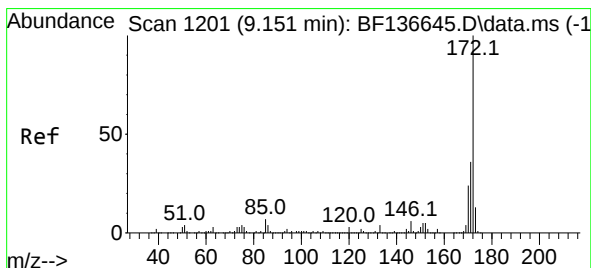
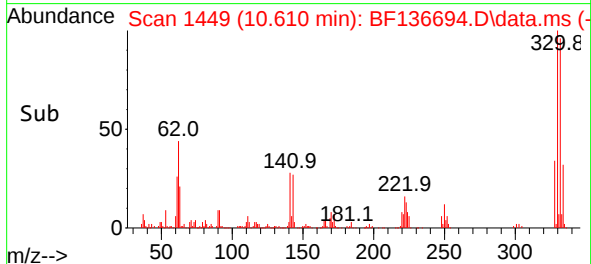
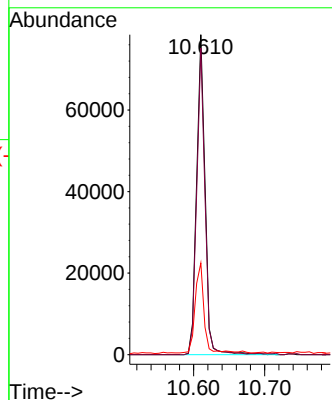
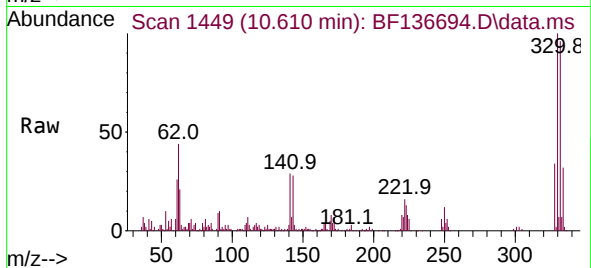
Tgt Ion:330 Resp: 65462

Ion Ratio Lower Upper

330 100

332 93.2 77.4 116.0

141 28.9 23.4 35.2



#45

2-Fluorobiphenyl

Concen: 88.177 ng

RT: 9.140 min Scan# 1199

Delta R.T. -0.011 min

Lab File: BF136694.D

Acq: 22 Dec 2023 19:43

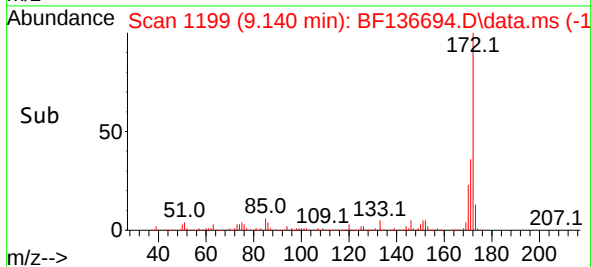
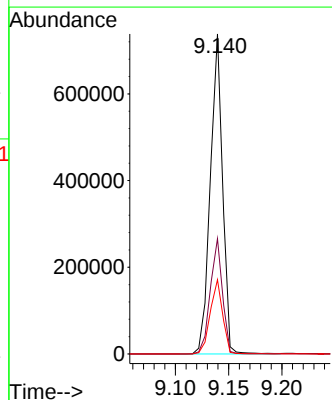
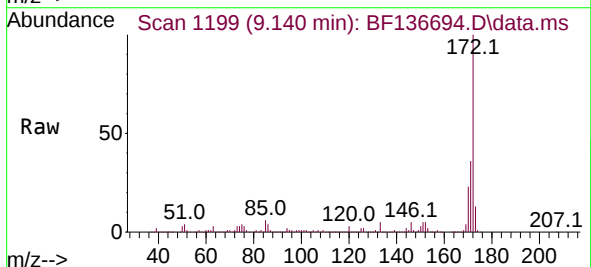
Tgt Ion:172 Resp: 592225

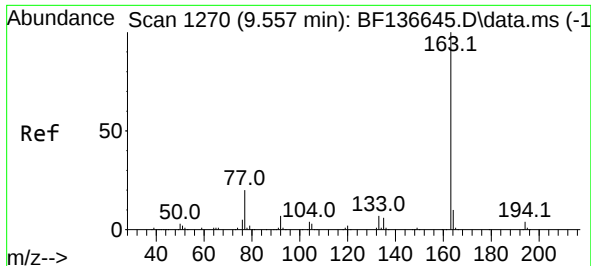
Ion Ratio Lower Upper

172 100

171 36.1 29.0 43.6

170 23.2 19.0 28.4

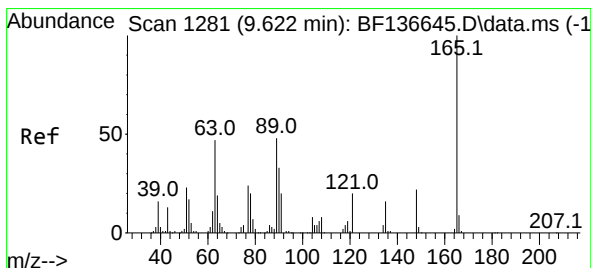
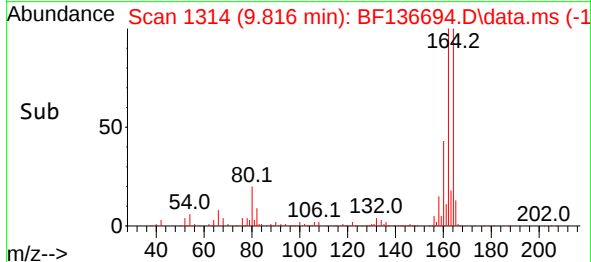
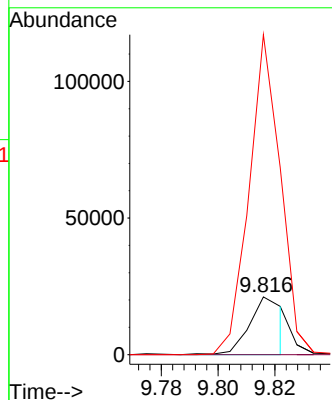
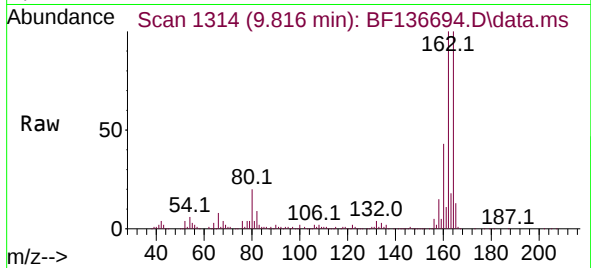




#50
Dimethylphthalate
Concen: 2.648 ng
RT: 9.816 min Scan# 1314
Delta R.T. 0.259 min
Lab File: BF136694.D
Acq: 22 Dec 2023 19:43

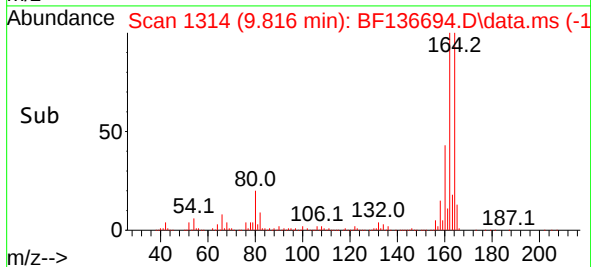
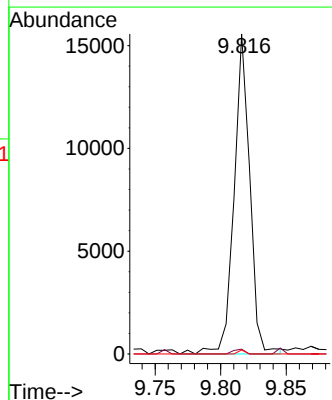
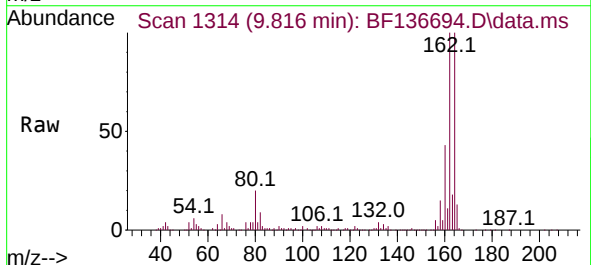
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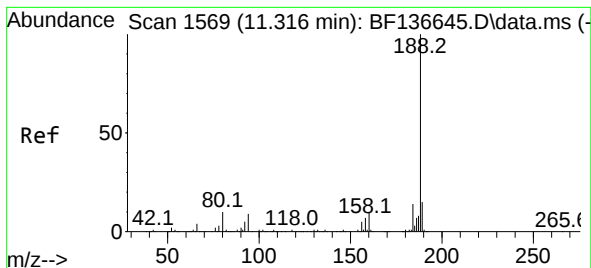
Tgt Ion:163 Resp: 17473
Ion Ratio Lower Upper
163 100
194 0.0 3.3 4.9#
164 553.9 7.8 11.6#



#51
2,6-Dinitrotoluene
Concen: 8.698 ng
RT: 9.816 min Scan# 1314
Delta R.T. 0.194 min
Lab File: BF136694.D
Acq: 22 Dec 2023 19:43

Tgt Ion:165 Resp: 13025
Ion Ratio Lower Upper
165 100
63 1.5 39.8 59.6#
89 1.2 38.8 58.2#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.310 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF136694.D

Acq: 22 Dec 2023 19:43

Instrument :

BNA_F

ClientSampleId :

RT-SB-06-13-14

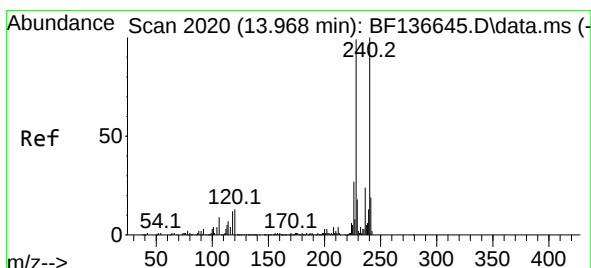
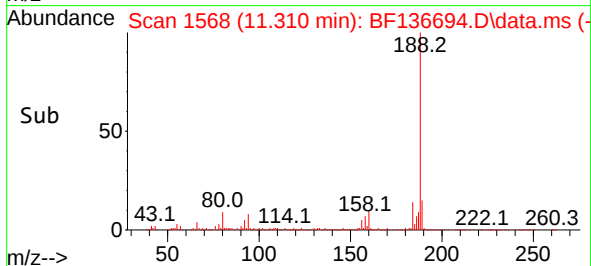
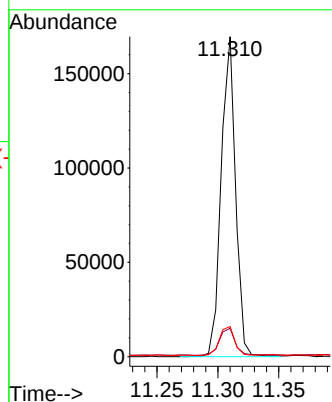
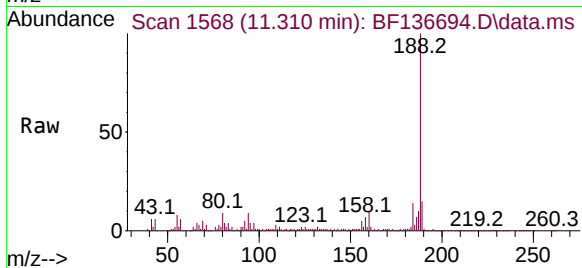
Tgt Ion:188 Resp: 139610

Ion Ratio Lower Upper

188 100

94 8.8 7.5 11.3

80 9.4 8.1 12.1



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.986 min Scan# 2023

Delta R.T. 0.018 min

Lab File: BF136694.D

Acq: 22 Dec 2023 19:43

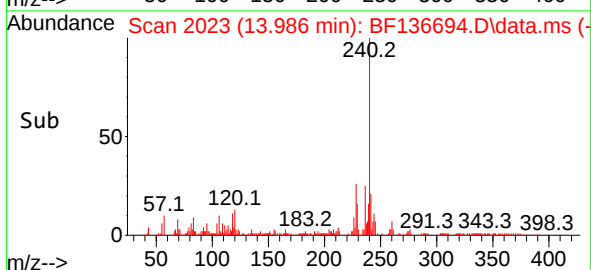
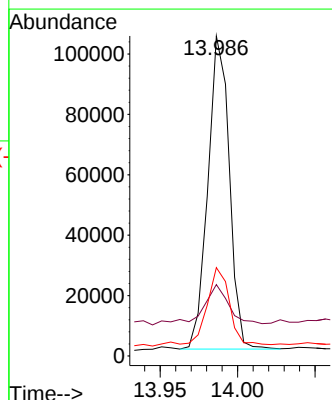
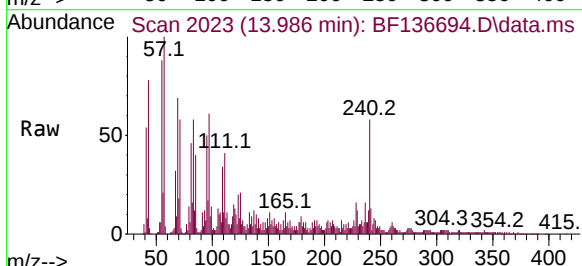
Tgt Ion:240 Resp: 99767

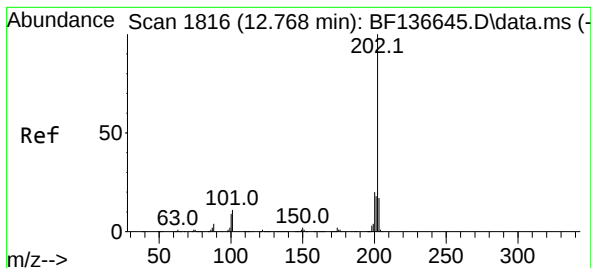
Ion Ratio Lower Upper

240 100

120 22.3 10.3 15.5#

236 27.6 19.4 29.2





#78

Pyrene

Concen: 2.517 ng

RT: 12.763 min Scan# 1815

Delta R.T. -0.006 min

Lab File: BF136694.D

Acq: 22 Dec 2023 19:43

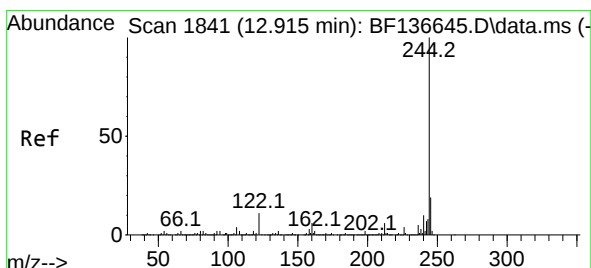
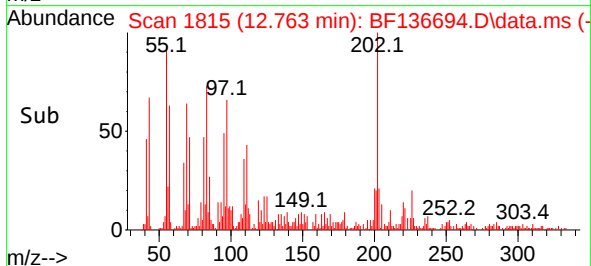
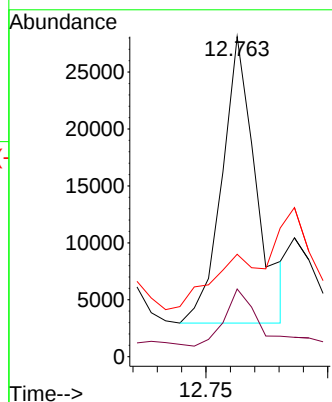
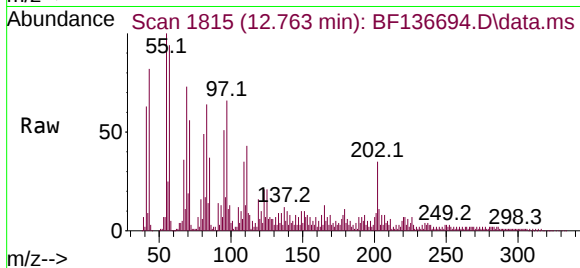
Instrument :

BNA_F

ClientSampleId :

RT-SB-06-13-14

Tgt Ion:	202	Resp:	24653
Ion Ratio	Lower	Upper	
202	100		
200	21.2	15.9	23.9
203	32.0	13.8	20.6



#79

Terphenyl-d14

Concen: 70.960 ng

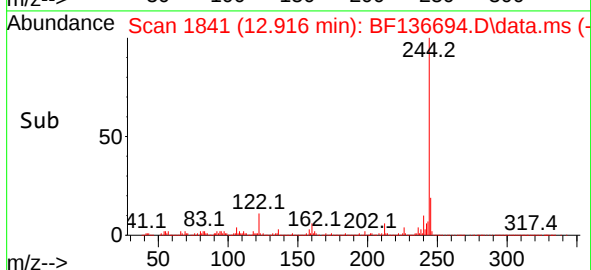
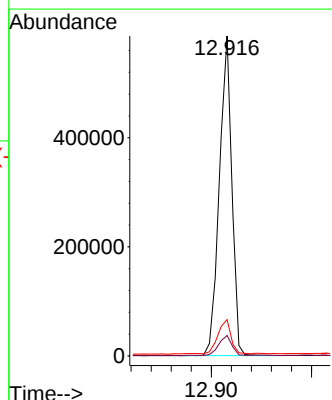
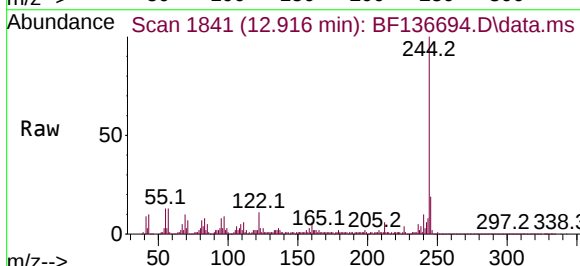
RT: 12.916 min Scan# 1841

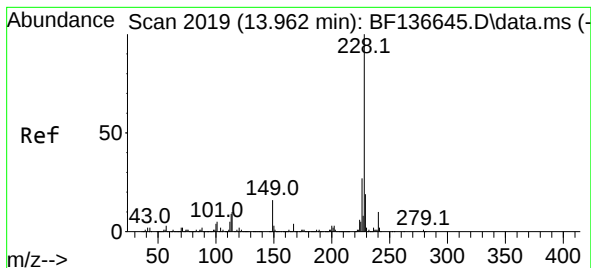
Delta R.T. 0.000 min

Lab File: BF136694.D

Acq: 22 Dec 2023 19:43

Tgt Ion:	244	Resp:	506590
Ion Ratio	Lower	Upper	
244	100		
212	6.4	5.0	7.4
122	11.4	9.0	13.4





#81

Benzo(a)anthracene

Concen: 9.615 ng

RT: 13.975 min Scan# 20

Delta R.T. 0.012 min

Lab File: BF136694.D

Acq: 22 Dec 2023 19:43

Instrument :

BNA_F

ClientSampleId :

RT-SB-06-13-14

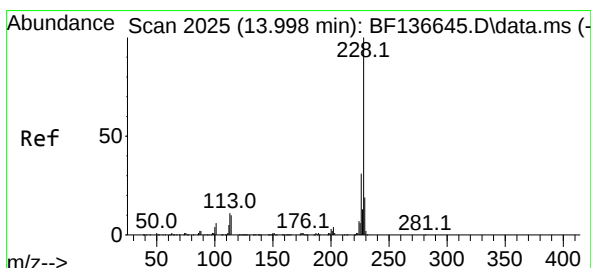
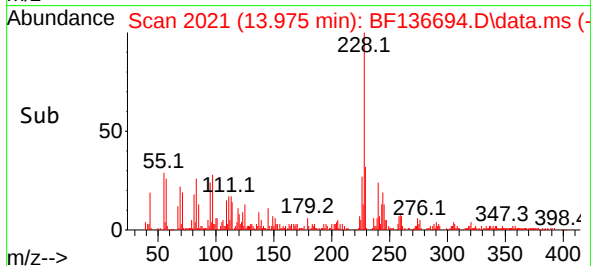
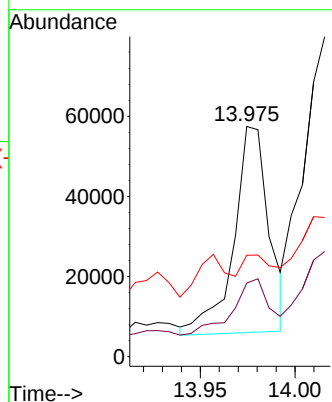
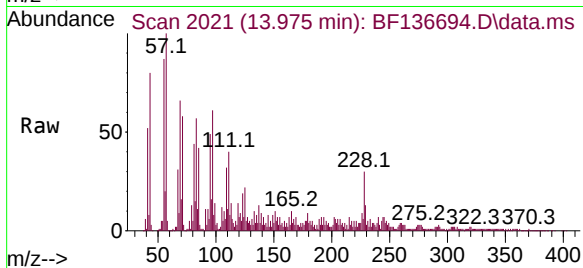
Tgt Ion:228 Resp: 66613

Ion Ratio Lower Upper

228 100

226 32.0 21.4 32.0

229 44.1 14.9 22.3#



#83

Chrysene

Concen: 12.132 ng

RT: 14.016 min Scan# 2028

Delta R.T. 0.018 min

Lab File: BF136694.D

Acq: 22 Dec 2023 19:43

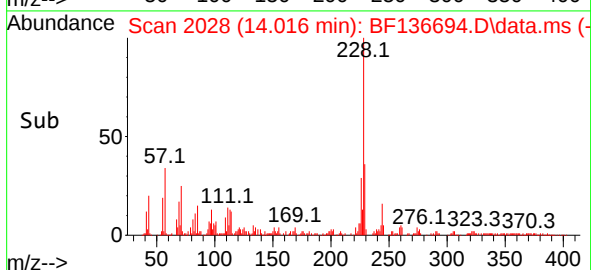
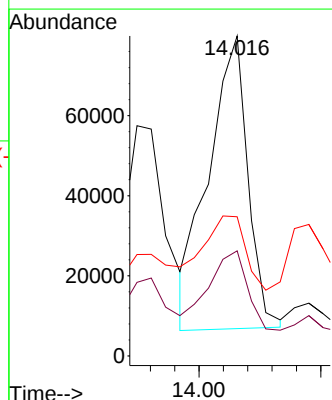
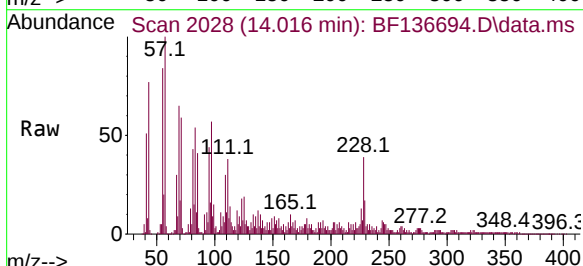
Tgt Ion:228 Resp: 82191

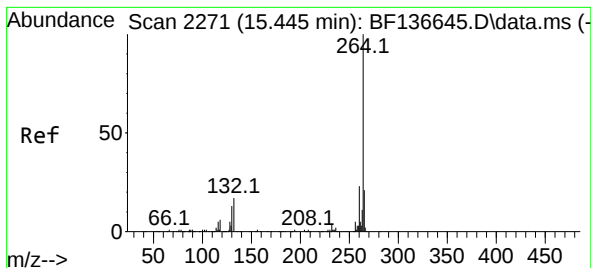
Ion Ratio Lower Upper

228 100

226 32.8 24.7 37.1

229 43.5 15.4 23.0#





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.498 min Scan# 21

Delta R.T. 0.053 min

Lab File: BF136694.D

Acq: 22 Dec 2023 19:43

Instrument :

BNA_F

ClientSampleId :

RT-SB-06-13-14

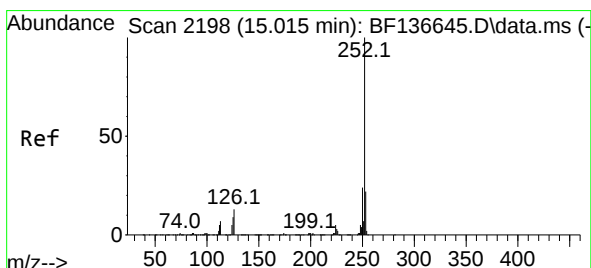
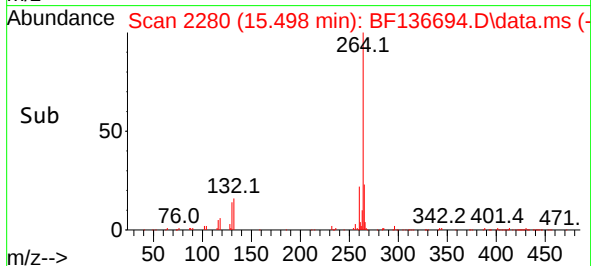
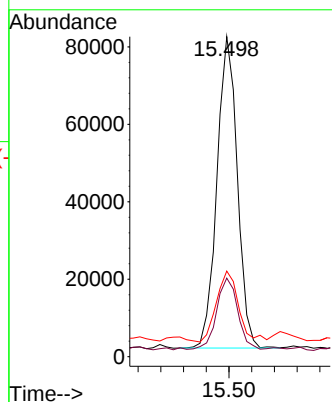
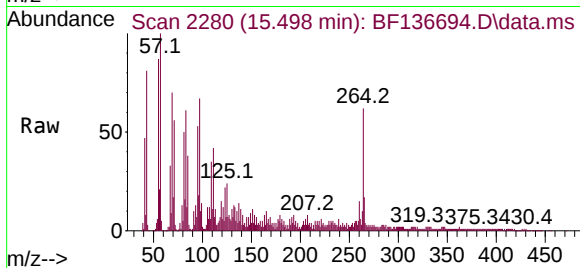
Tgt Ion:264 Resp: 100209

Ion Ratio Lower Upper

264 100

260 24.6 18.3 27.5

265 26.7 17.0 25.6#



#88

Benzo(b)fluoranthene

Concen: 2.691 ng

RT: 15.057 min Scan# 2205

Delta R.T. 0.041 min

Lab File: BF136694.D

Acq: 22 Dec 2023 19:43

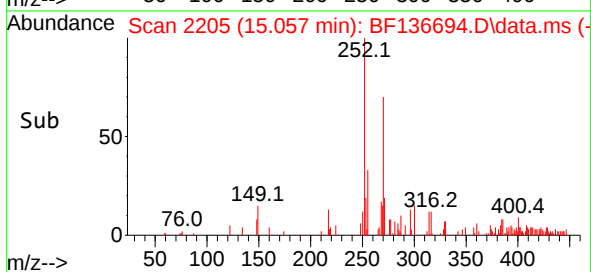
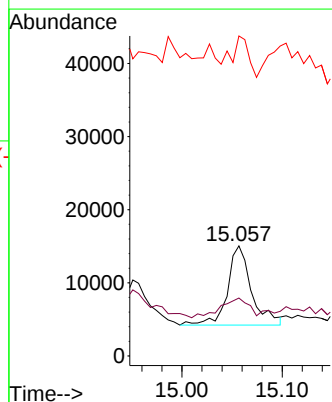
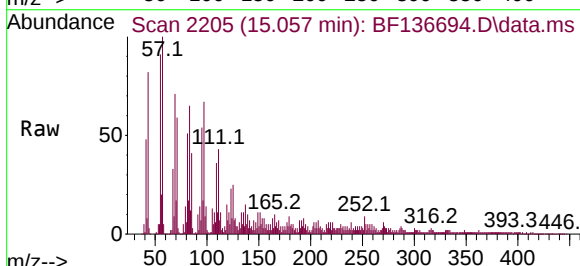
Tgt Ion:252 Resp: 18012

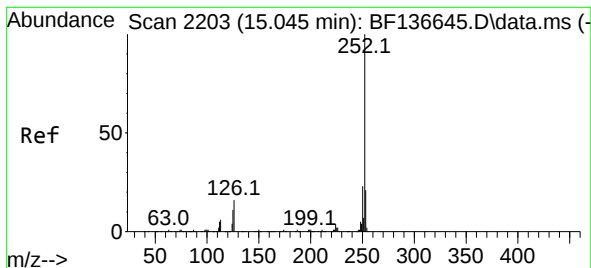
Ion Ratio Lower Upper

252 100

253 52.6 17.4 26.0#

125 290.6 7.4 11.2#





#89

Benzo(k)fluoranthene

Concen: 2.848 ng

RT: 15.057 min Scan# 21

Delta R.T. 0.012 min

Lab File: BF136694.D

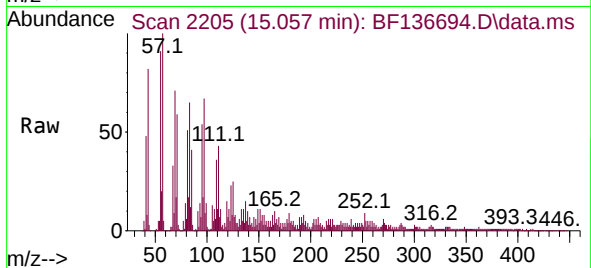
Acq: 22 Dec 2023 19:43

Instrument :

BNA_F

ClientSampleId :

RT-SB-06-13-14



Tgt Ion:252 Resp: 18012

Ion Ratio Lower Upper

252 100

253 52.6 17.0 25.6#

125 290.6 8.2 12.4#

