

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030823\
 Data File : BF132699.D
 Acq On : 08 Mar 2023 20:00
 Operator : CG\JU
 Sample : 01829-06
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SS-06-20230306

Quant Time: Mar 09 00:40:28 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022223.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 07 13:42:31 2023
 Response via : Initial Calibration

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

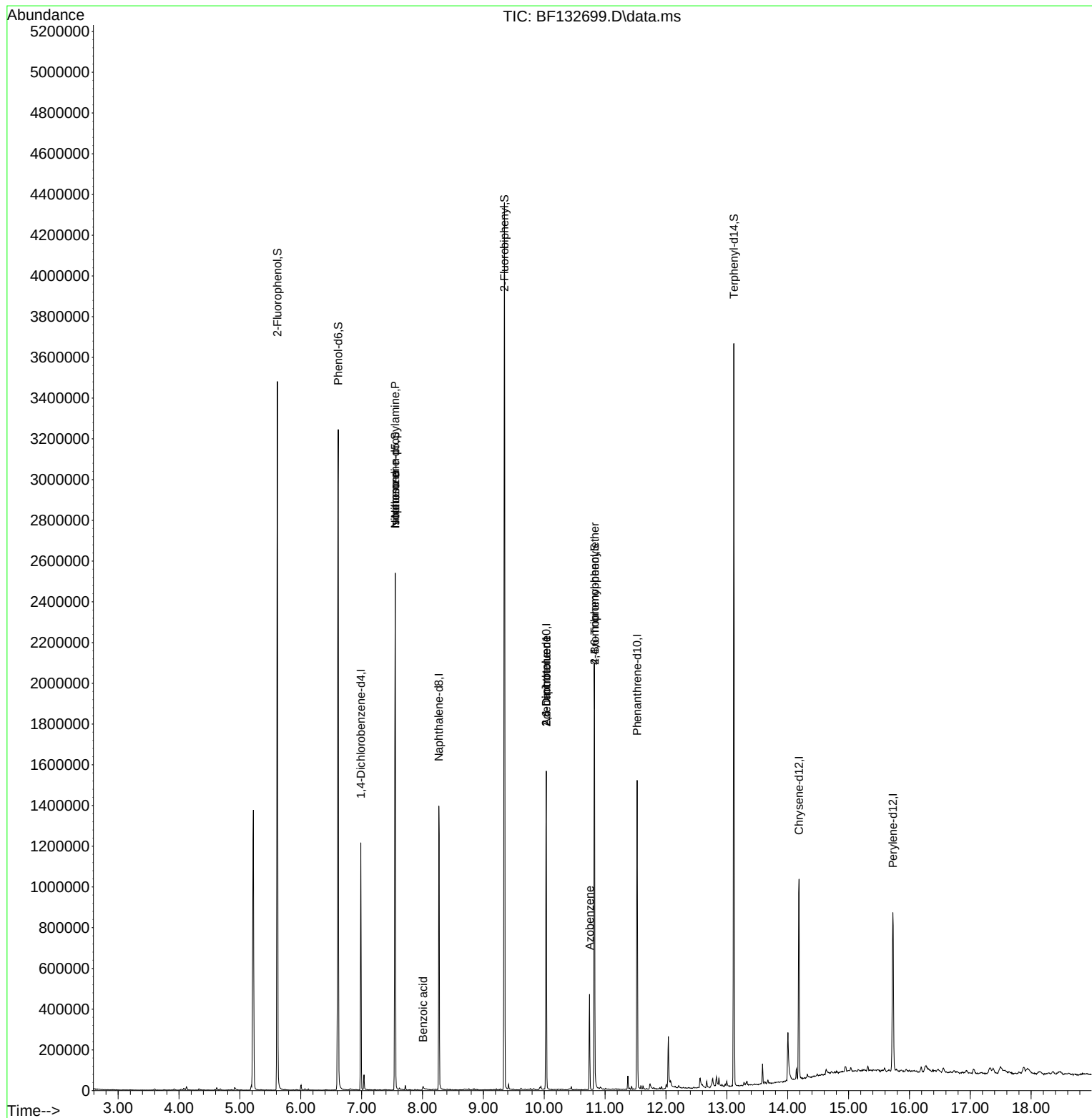
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.987	152	164015	20.000	ng	0.00
21) Naphthalene-d8	8.269	136	595139	20.000	ng	-0.01
39) Acenaphthene-d10	10.033	164	309416	20.000	ng	0.00
64) Phenanthrene-d10	11.528	188	546154	20.000	ng	0.00
76) Chrysene-d12	14.186	240	344377	20.000	ng	-0.01
86) Perylene-d12	15.727	264	392623	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.616	112	976230	96.600	ng	0.00
7) Phenol-d6	6.616	99	1237174	93.803	ng	0.00
23) Nitrobenzene-d5	7.551	82	773022	61.625	ng	-0.01
42) 2,4,6-Tribromophenol	10.828	330	257710	77.123	ng	0.00
45) 2-Fluorobiphenyl	9.345	172	1292150	63.588	ng	-0.01
79) Terphenyl-d14	13.116	244	1234561	60.612	ng	-0.01
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.551	70	100939	12.435	ng	# 74
25) Isophorone	7.551	82	773013	32.142	ng	# 67
32) Benzoic acid	8.010	122	2649	4.167	ng	90
51) 2,6-Dinitrotoluene	10.033	165	40383	7.871	ng	# 22
57) 2,4-Dinitrotoluene	10.033	165	40383	5.916	ng	# 21
63) Azobenzene	10.745	77	77874	3.342	ng	# 1
67) 4-Bromophenyl-phenylether	10.828	248	16897	2.735	ng	# 1

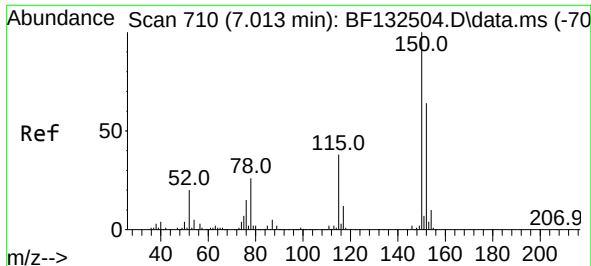
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030823\
Data File : BF132699.D
Acq On : 08 Mar 2023 20:00
Operator : CG\JU
Sample : 01829-06
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SS-06-20230306

Quant Time: Mar 09 00:40:28 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Mar 07 13:42:31 2023
Response via : Initial Calibration

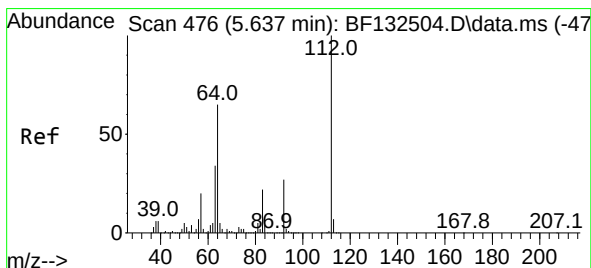
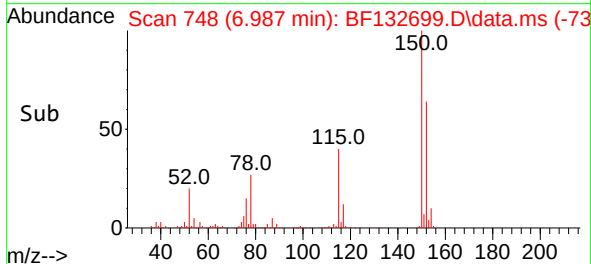
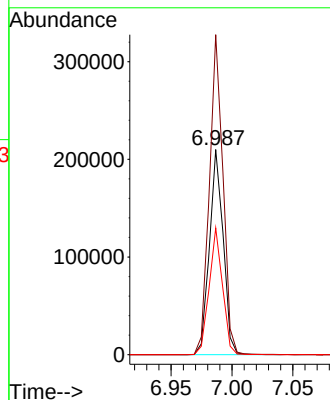
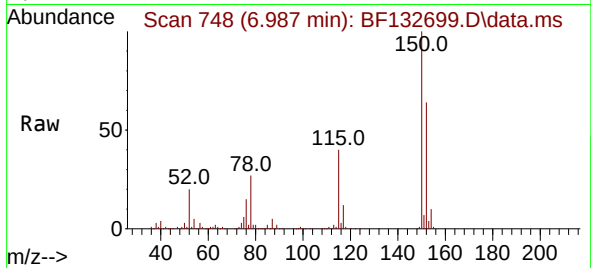




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.987 min Scan# 710
 Delta R.T. -0.006 min
 Lab File: BF132699.D
 Acq: 08 Mar 2023 20:00

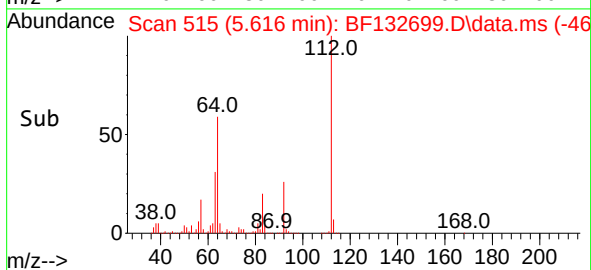
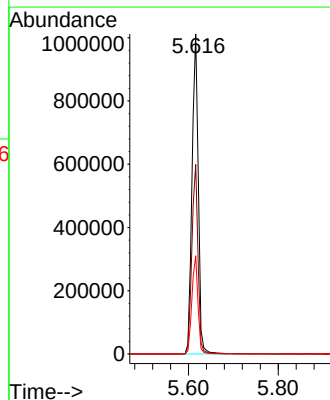
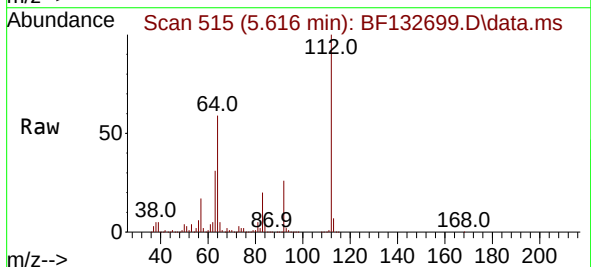
Instrument :
 BNA_F
 ClientSampleId :
 SS-06-20230306

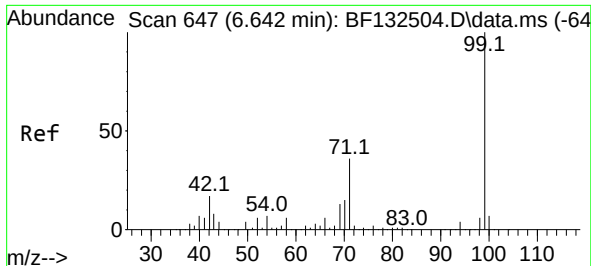
Tgt Ion:152 Resp: 164015
 Ion Ratio Lower Upper
 152 100
 150 156.0 125.4 188.2
 115 61.8 47.8 71.6



#5
 2-Fluorophenol
 Concen: 96.600 ng
 RT: 5.616 min Scan# 515
 Delta R.T. -0.000 min
 Lab File: BF132699.D
 Acq: 08 Mar 2023 20:00

Tgt Ion:112 Resp: 976230
 Ion Ratio Lower Upper
 112 100
 64 59.2 51.6 77.4
 63 30.7 27.4 41.2

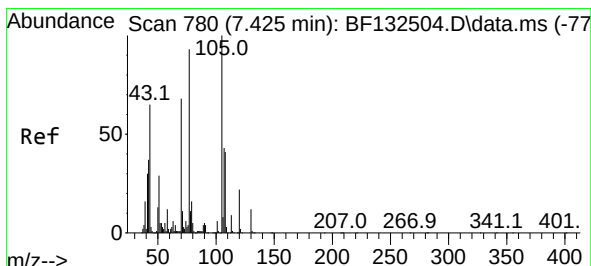
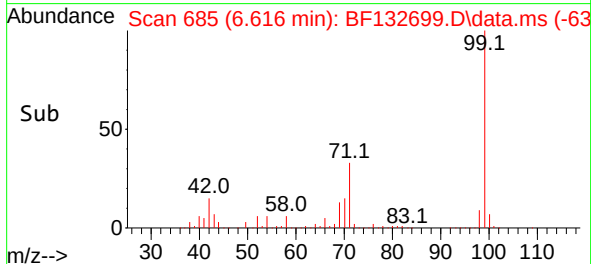
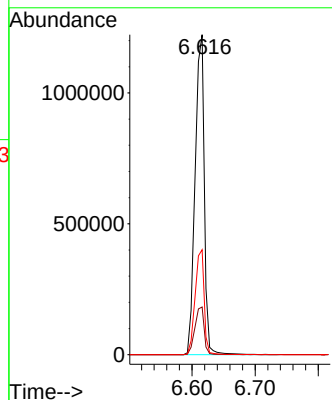
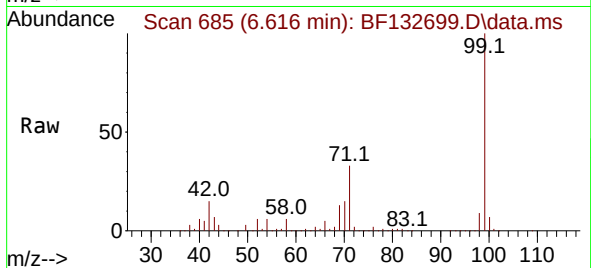




#7
Phenol-d6
Concen: 93.803 ng
RT: 6.616 min Scan# 61
Delta R.T. -0.006 min
Lab File: BF132699.D
Acq: 08 Mar 2023 20:00

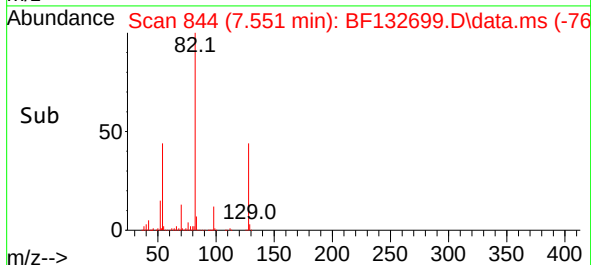
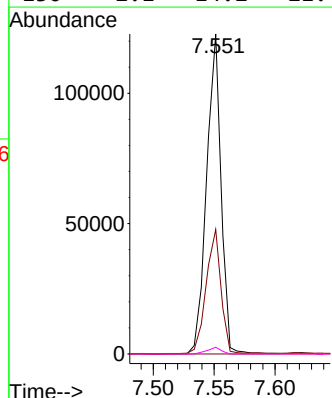
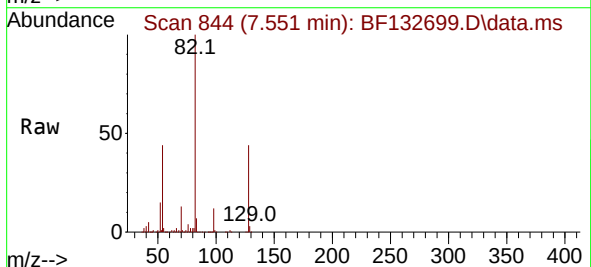
Instrument :
BNA_F
ClientSampleId :
SS-06-20230306

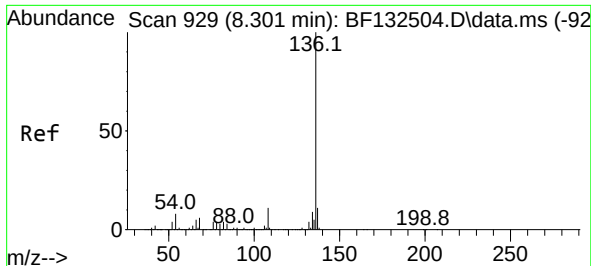
Tgt Ion: 99 Resp: 1237174
Ion Ratio Lower Upper
99 100
42 14.9 13.9 20.9
71 32.8 28.5 42.7



#19
n-Nitroso-di-n-propylamine
Concen: 12.435 ng
RT: 7.551 min Scan# 844
Delta R.T. 0.147 min
Lab File: BF132699.D
Acq: 08 Mar 2023 20:00

Tgt Ion: 70 Resp: 100939
Ion Ratio Lower Upper
70 100
42 38.9 44.1 66.1#
101 0.0 7.4 11.2#
130 2.1 14.2 21.4#

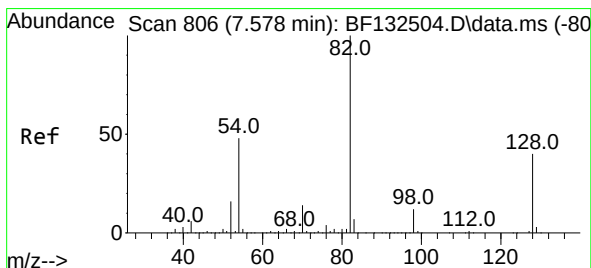
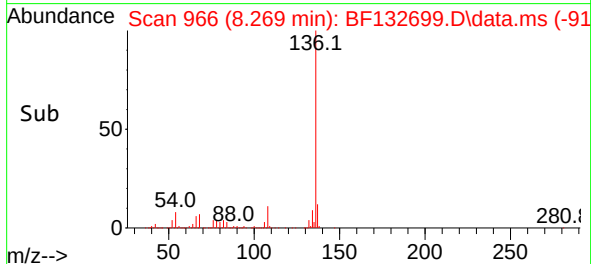
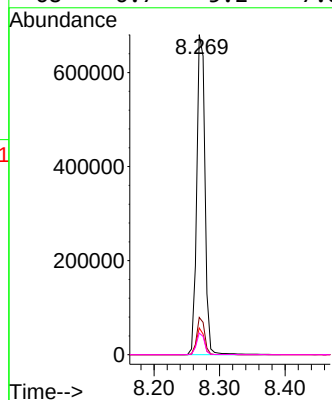
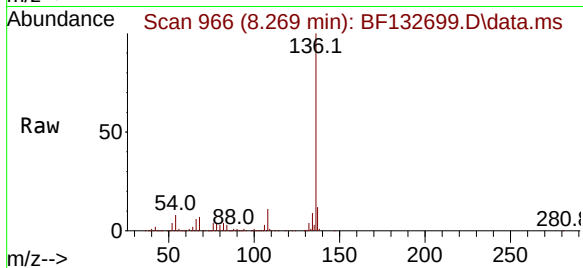




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.269 min Scan# 910
Delta R.T. -0.012 min
Lab File: BF132699.D
Acq: 08 Mar 2023 20:00

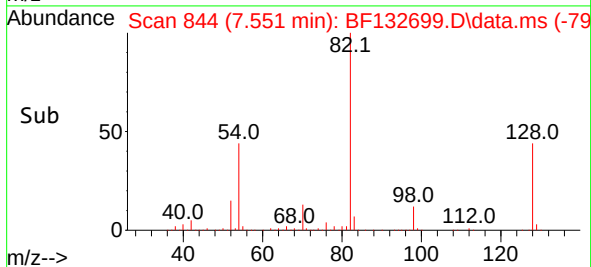
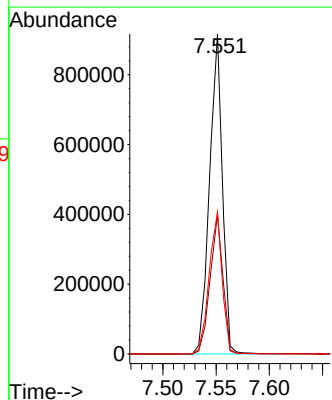
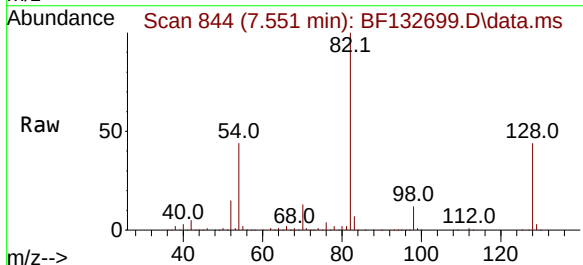
Instrument :
BNA_F
ClientSampleId :
SS-06-20230306

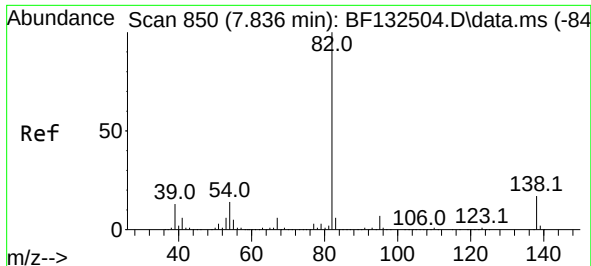
Tgt Ion:136 Resp: 595139
Ion Ratio Lower Upper
136 100
137 11.6 8.9 13.3
54 8.4 6.2 9.4
68 6.7 5.2 7.8



#23
Nitrobenzene-d5
Concen: 61.625 ng
RT: 7.551 min Scan# 844
Delta R.T. -0.012 min
Lab File: BF132699.D
Acq: 08 Mar 2023 20:00

Tgt Ion: 82 Resp: 773022
Ion Ratio Lower Upper
82 100
128 43.6 32.2 48.2
54 44.4 38.4 57.6

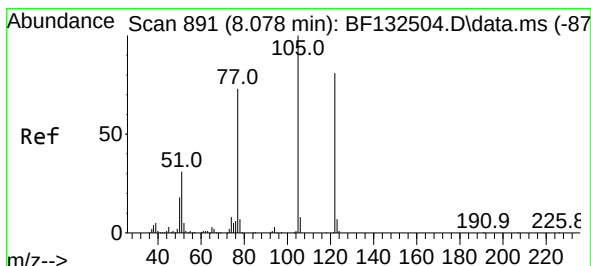
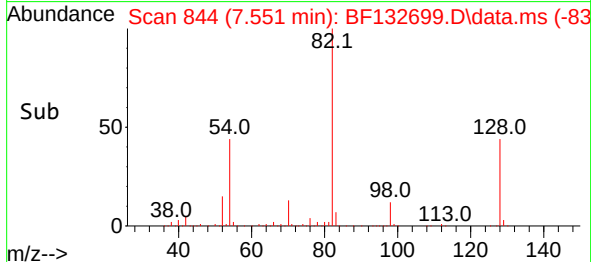
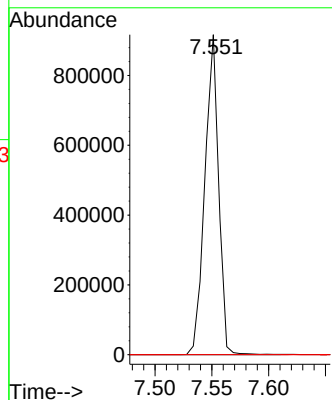
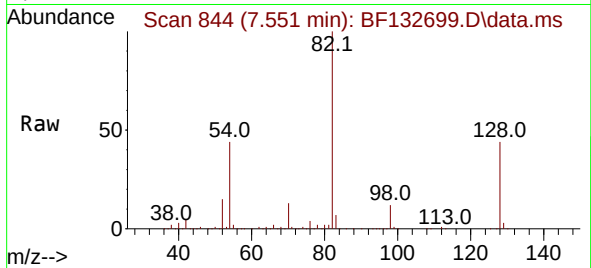




#25
Isophorone
Concen: 32.142 ng
RT: 7.551 min Scan# 84
Delta R.T. -0.265 min
Lab File: BF132699.D
Acq: 08 Mar 2023 20:00

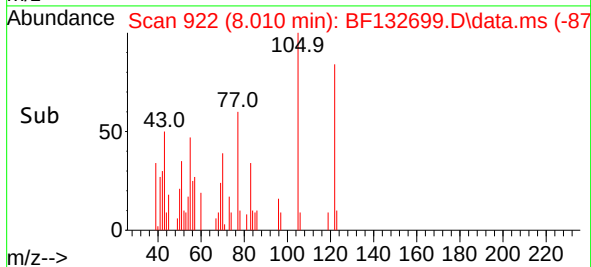
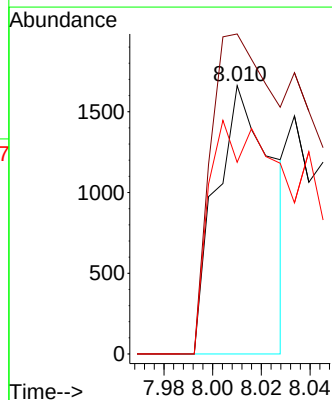
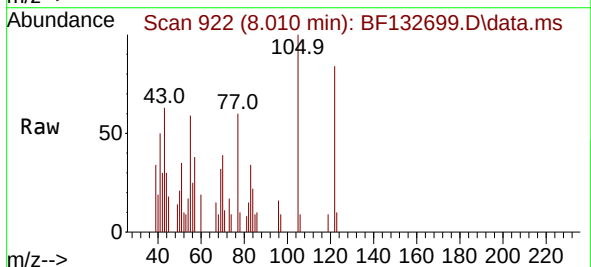
Instrument :
BNA_F
ClientSampleId :
SS-06-20230306

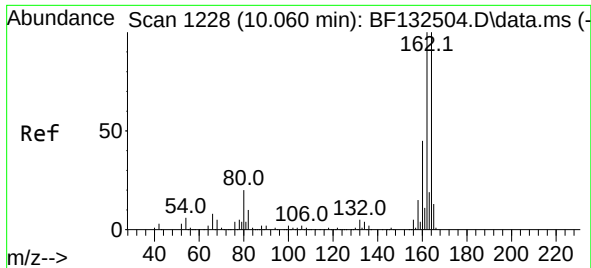
Tgt Ion: 82 Resp: 773013
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 13.3 19.9#



#32
Benzoic acid
Concen: 4.167 ng
RT: 8.010 min Scan# 922
Delta R.T. -0.047 min
Lab File: BF132699.D
Acq: 08 Mar 2023 20:00

Tgt Ion: 122 Resp: 2649
Ion Ratio Lower Upper
122 100
105 119.3 102.6 142.6
77 71.5 70.2 110.2

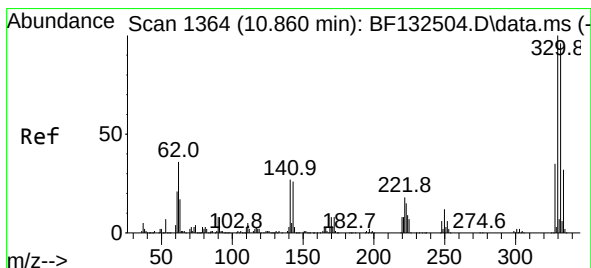
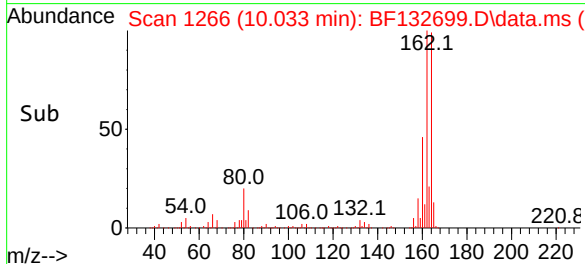
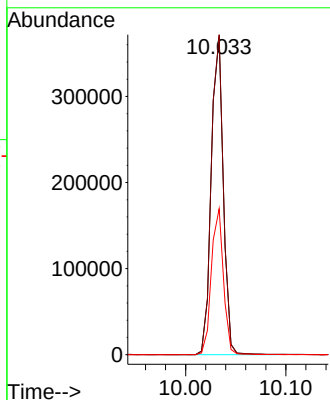
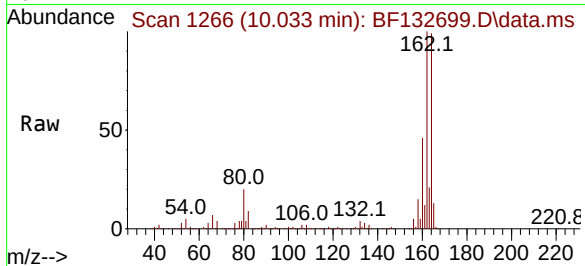




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.033 min Scan# 1401
Delta R.T. -0.006 min
Lab File: BF132699.D
Acq: 08 Mar 2023 20:00

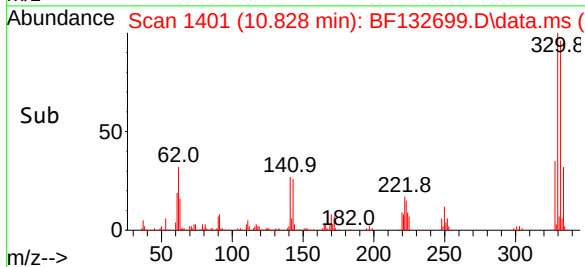
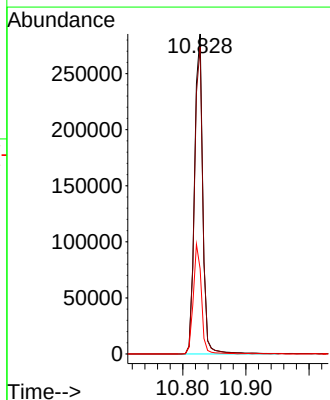
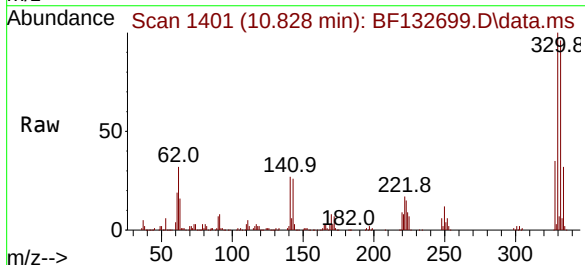
Instrument :
BNA_F
ClientSampleId :
SS-06-20230306

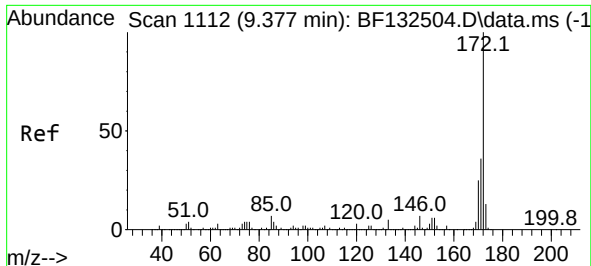
Tgt Ion:164 Resp: 309416
Ion Ratio Lower Upper
164 100
162 100.8 79.8 119.8
160 45.9 35.8 53.6



#42
2,4,6-Tribromophenol
Concen: 77.123 ng
RT: 10.828 min Scan# 1401
Delta R.T. -0.006 min
Lab File: BF132699.D
Acq: 08 Mar 2023 20:00

Tgt Ion:330 Resp: 257710
Ion Ratio Lower Upper
330 100
332 96.2 76.2 114.4
141 33.8 28.4 42.6





#45

2-Fluorobiphenyl

Concen: 63.588 ng

RT: 9.345 min Scan# 1112

Delta R.T. -0.012 min

Lab File: BF132699.D

Acq: 08 Mar 2023 20:00

Instrument :

BNA_F

ClientSampleId :

SS-06-20230306

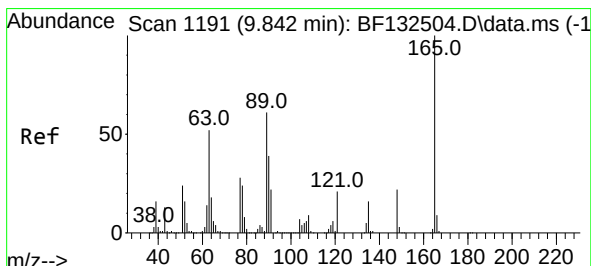
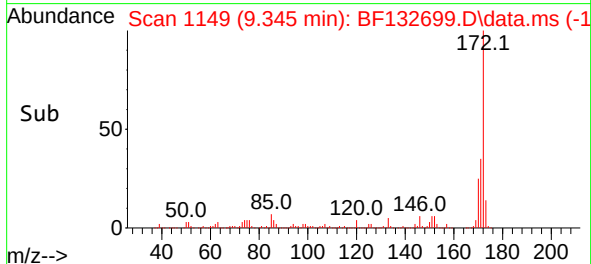
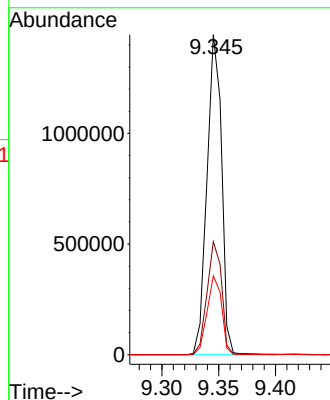
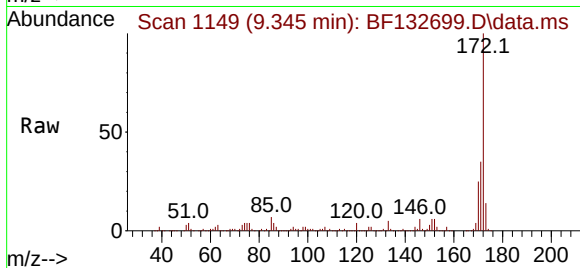
Tgt Ion:172 Resp: 1292150

Ion Ratio Lower Upper

172 100

171 35.3 28.8 43.2

170 24.6 19.7 29.5



#51

2,6-Dinitrotoluene

Concen: 7.871 ng

RT: 10.033 min Scan# 1266

Delta R.T. 0.212 min

Lab File: BF132699.D

Acq: 08 Mar 2023 20:00

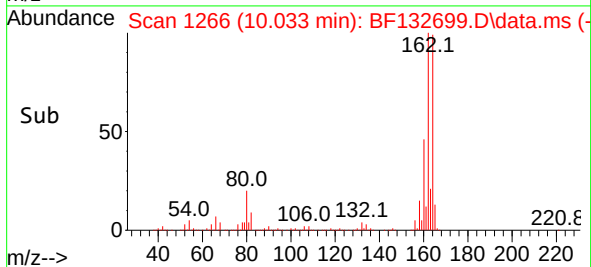
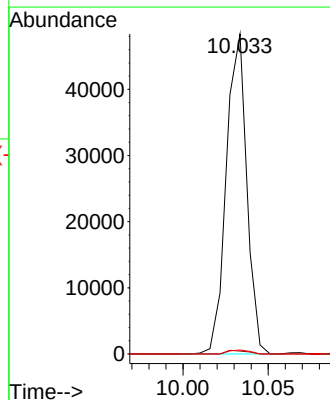
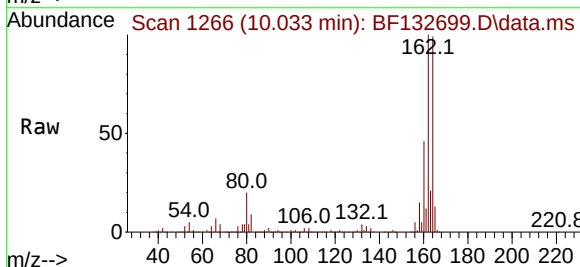
Tgt Ion:165 Resp: 40383

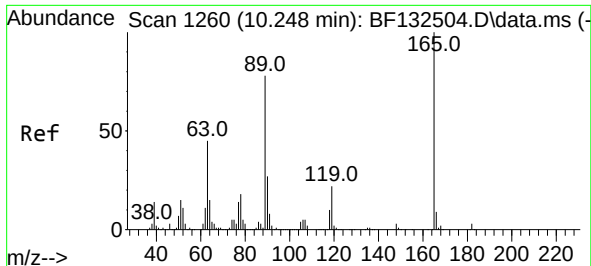
Ion Ratio Lower Upper

165 100

63 0.9 47.3 70.9#

89 1.2 48.9 73.3#

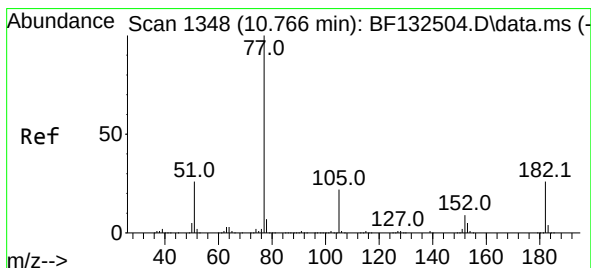
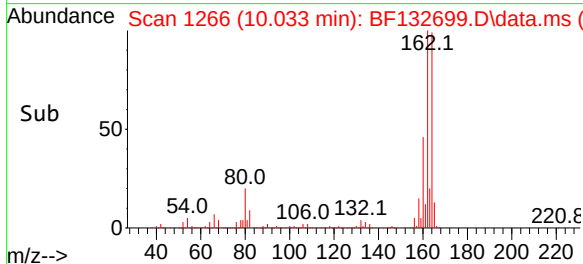
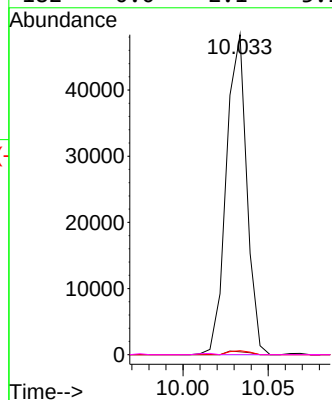
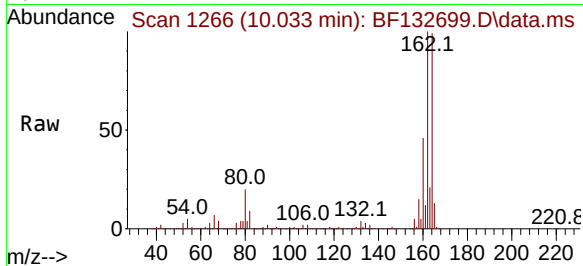




#57
2,4-Dinitrotoluene
Concen: 5.916 ng
RT: 10.033 min Scan# 11
Delta R.T. -0.194 min
Lab File: BF132699.D
Acq: 08 Mar 2023 20:00

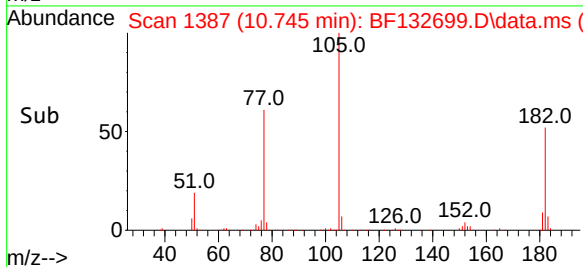
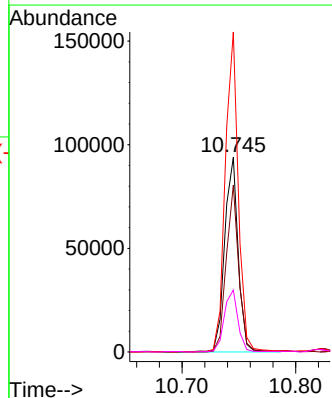
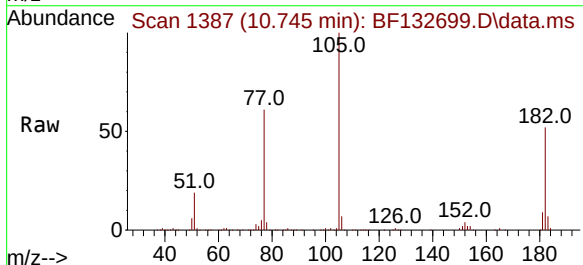
Instrument :
BNA_F
ClientSampleId :
SS-06-20230306

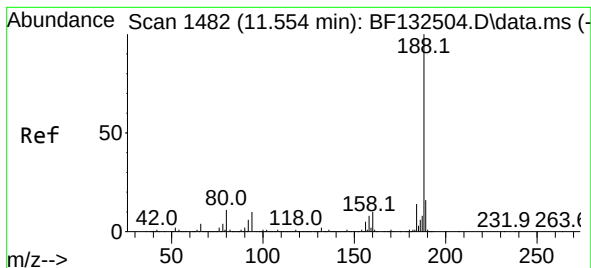
Tgt Ion:165 Resp: 40383
Ion Ratio Lower Upper
165 100
63 0.9 36.5 54.7#
89 1.2 62.4 93.6#
182 0.0 2.1 3.1#



#63
Azobenzene
Concen: 3.342 ng
RT: 10.745 min Scan# 1387
Delta R.T. 0.006 min
Lab File: BF132699.D
Acq: 08 Mar 2023 20:00

Tgt Ion: 77 Resp: 77874
Ion Ratio Lower Upper
77 100
182 85.8 5.5 45.5#
105 164.4 1.8 41.8#
51 31.8 6.4 46.4





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.528 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF132699.D

Acq: 08 Mar 2023 20:00

Instrument :

BNA_F

ClientSampleId :

SS-06-20230306

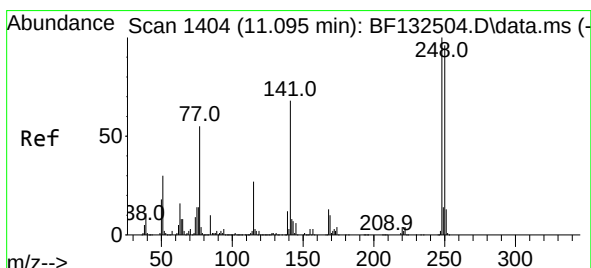
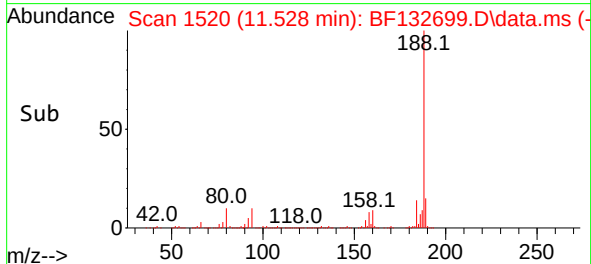
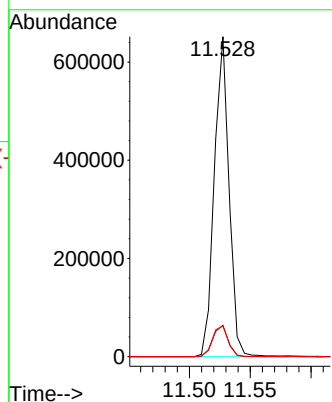
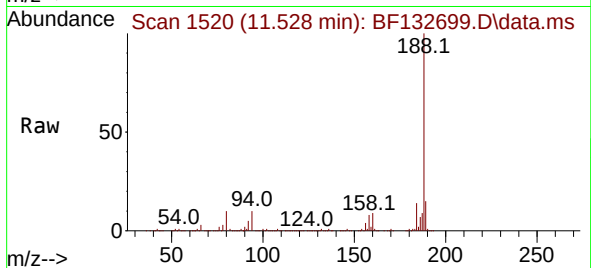
Tgt Ion:188 Resp: 546154

Ion Ratio Lower Upper

188 100

94 9.8 8.3 12.5

80 9.6 8.7 13.1



#67

4-Bromophenyl-phenylether

Concen: 2.735 ng

RT: 10.828 min Scan# 1401

Delta R.T. -0.247 min

Lab File: BF132699.D

Acq: 08 Mar 2023 20:00

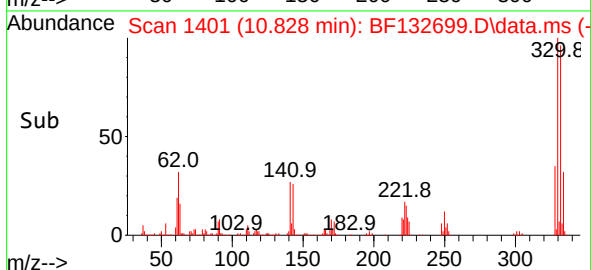
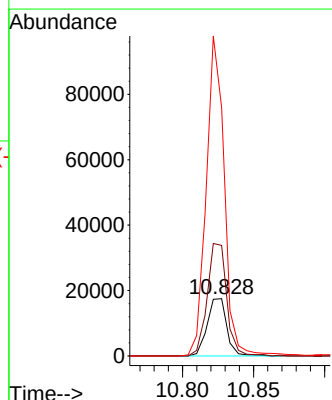
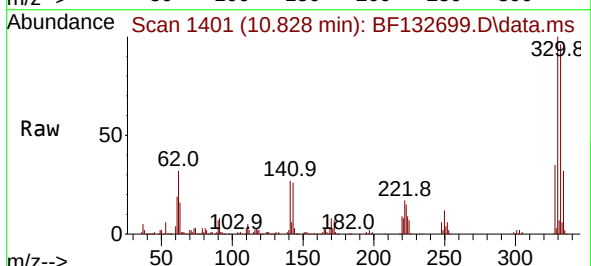
Tgt Ion:248 Resp: 16897

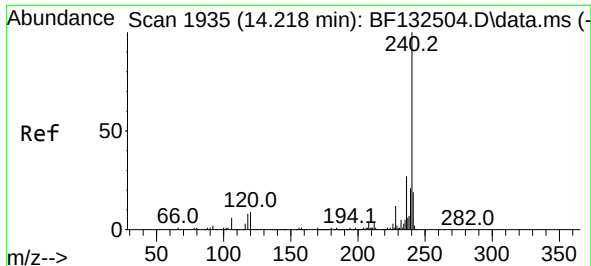
Ion Ratio Lower Upper

248 100

250 192.9 77.0 115.4#

141 433.4 54.2 81.2#

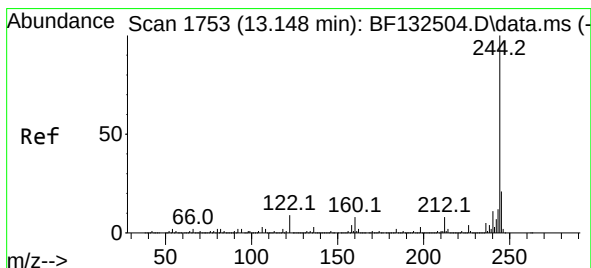
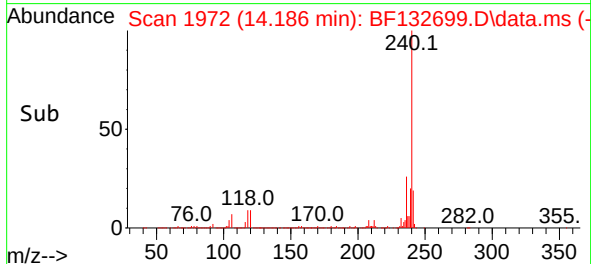
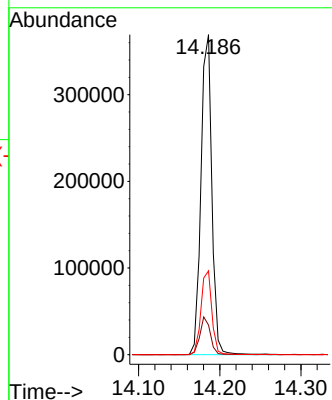
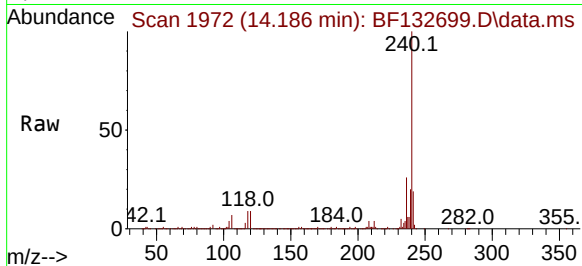




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.186 min Scan# 1935
Delta R.T. -0.012 min
Lab File: BF132699.D
Acq: 08 Mar 2023 20:00

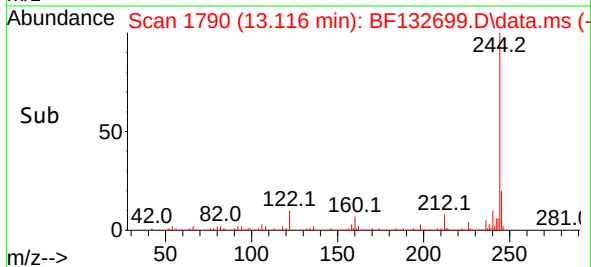
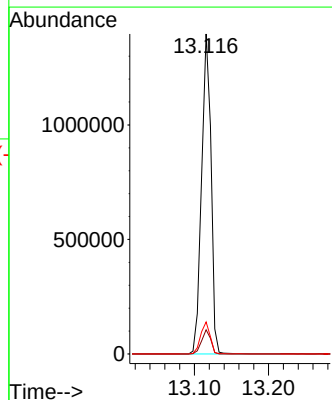
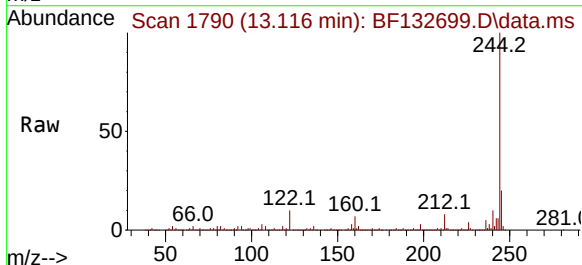
Instrument :
BNA_F
ClientSampleId :
SS-06-20230306

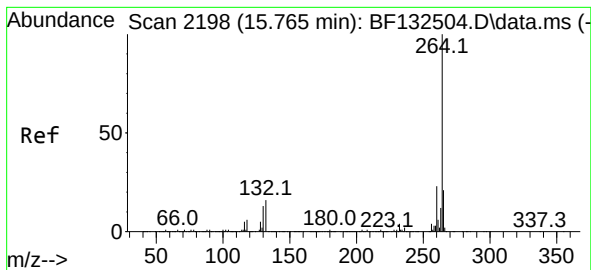
Tgt Ion:240 Resp: 344377
Ion Ratio Lower Upper
240 100
120 9.2 7.2 10.8
236 26.2 21.8 32.6



#79
Terphenyl-d14
Concen: 60.612 ng
RT: 13.116 min Scan# 1790
Delta R.T. -0.012 min
Lab File: BF132699.D
Acq: 08 Mar 2023 20:00

Tgt Ion:244 Resp: 1234561
Ion Ratio Lower Upper
244 100
212 7.6 6.5 9.7
122 10.0 7.5 11.3





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.727 min Scan# 21
 Delta R.T. -0.012 min
 Lab File: BF132699.D
 Acq: 08 Mar 2023 20:00

Instrument :
 BNA_F
 ClientSampleId :
 SS-06-20230306

Tgt Ion:264 Resp: 392623
 Ion Ratio Lower Upper
 264 100
 260 23.8 18.8 28.2
 265 21.9 17.1 25.7

