

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081622\
 Data File : BF129822.D
 Acq On : 16 Aug 2022 21:18
 Operator : CG\JU
 Sample : N4188-16
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S10

Quant Time: Aug 17 02:38:31 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 15 02:28:31 2022
 Response via : Initial Calibration

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

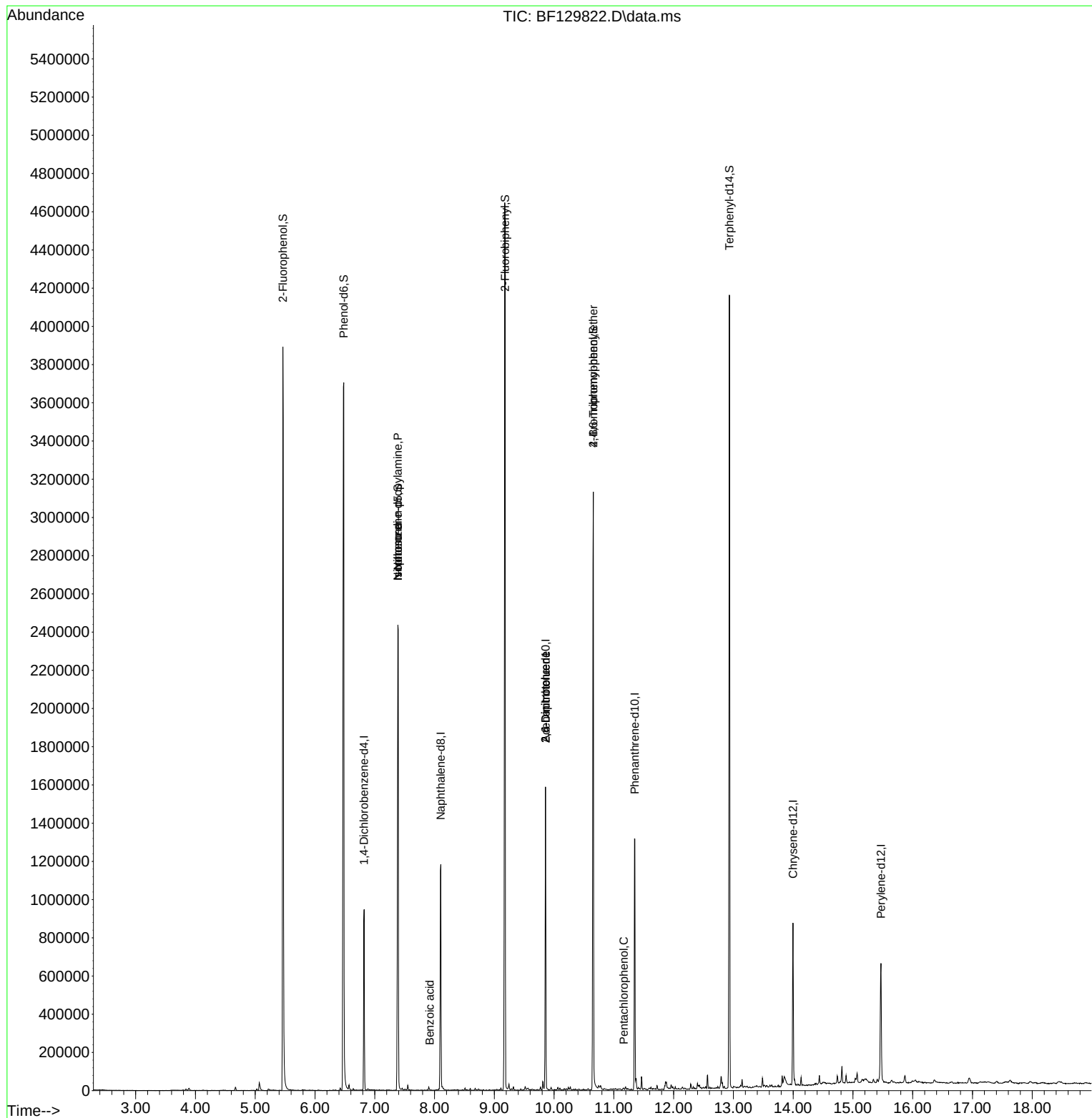
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.822	152	142945	20.000	ng	0.00
21) Naphthalene-d8	8.104	136	574973	20.000	ng	0.00
39) Acenaphthene-d10	9.857	164	300677	20.000	ng	0.00
64) Phenanthrene-d10	11.351	188	499415	20.000	ng	0.00
76) Chrysene-d12	13.998	240	257082	20.000	ng	0.00
86) Perylene-d12	15.468	264	275740	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.463	112	1133137	131.249	ng	0.00
7) Phenol-d6	6.481	99	1438425	133.045	ng	0.00
23) Nitrobenzene-d5	7.386	82	932075	86.779	ng	-0.01
42) 2,4,6-Tribromophenol	10.657	330	387356	128.359	ng	0.00
45) 2-Fluorobiphenyl	9.180	172	1602593	80.952	ng	0.00
79) Terphenyl-d14	12.933	244	1386022	89.709	ng	0.00
Target Compounds						
					Qvalue	
9) Benzaldehyde	6.404	77	382	Below Cal	#	67
19) n-Nitroso-di-n-propyla...	7.386	70	123852	18.123	ng	# 77
25) Isophorone	7.386	82	931982	50.414	ng	# 65
32) Benzoic acid	7.922	122	123	2.196	ng	# 58
51) 2,6-Dinitrotoluene	9.857	165	38892	8.318	ng	# 23
57) 2,4-Dinitrotoluene	9.857	165	38892	6.408	ng	# 18
67) 4-Bromophenyl-phenylether	10.657	248	23927	4.090	ng	# 1
70) Pentachlorophenol	11.169	266	309	5.334	ng	# 1
77) Benzidine	12.933	184	18649	Below Cal	#	91

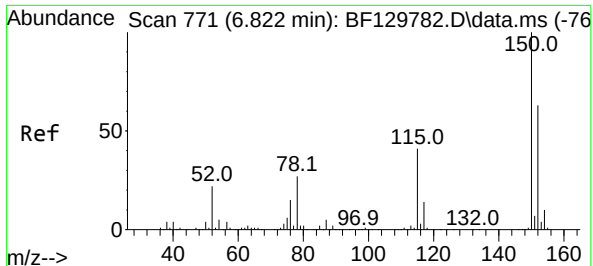
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081622\
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Instrument :
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Quant Time: Aug 17 02:38:31 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 15 02:28:31 2022
Response via : Initial Calibration

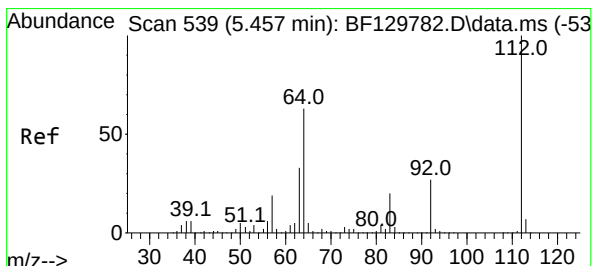
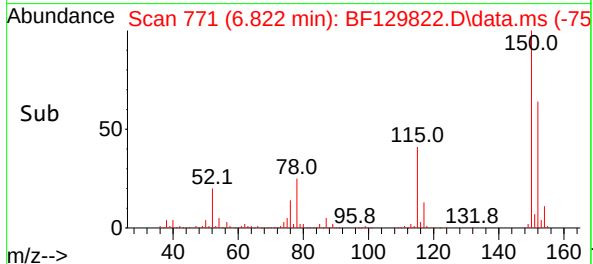
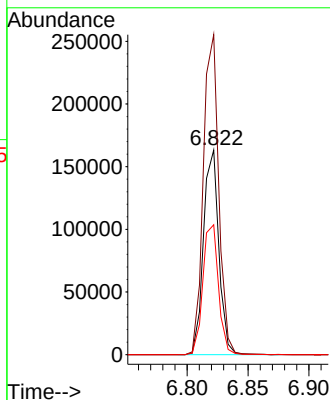
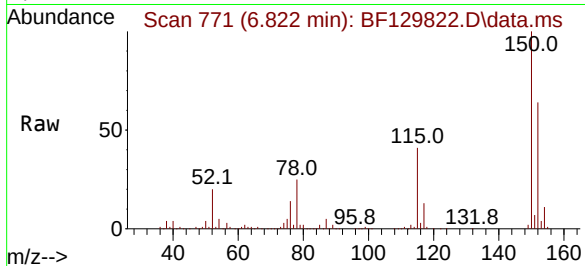




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.822 min Scan# 771
Delta R.T. -0.000 min
Lab File: BF129822.D
Acq: 16 Aug 2022 21:18

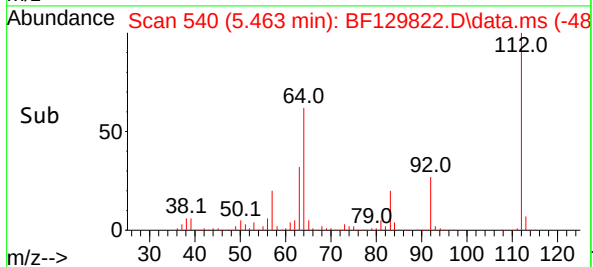
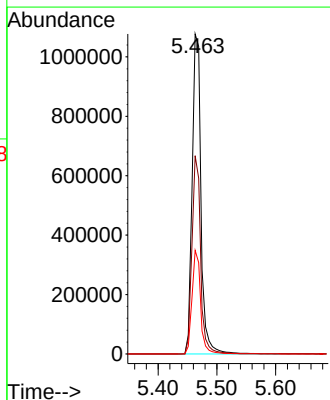
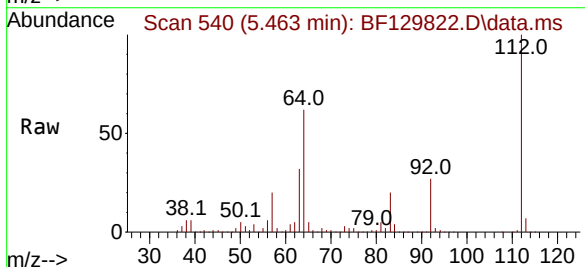
Instrument :
BNA_F
ClientSampleId :
S10

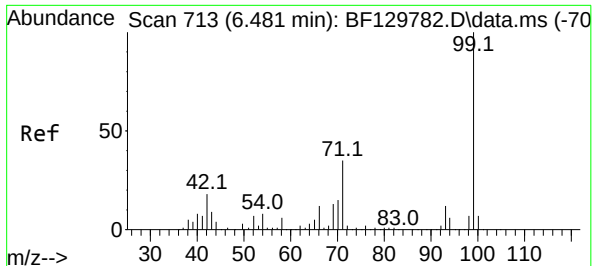
Tgt Ion:152 Resp: 142945
Ion Ratio Lower Upper
152 100
150 156.3 126.9 190.3
115 63.5 53.4 80.0



#5
2-Fluorophenol
Concen: 131.249 ng
RT: 5.463 min Scan# 540
Delta R.T. -0.000 min
Lab File: BF129822.D
Acq: 16 Aug 2022 21:18

Tgt Ion:112 Resp: 1133137
Ion Ratio Lower Upper
112 100
64 62.0 47.6 71.4
63 32.3 24.6 37.0

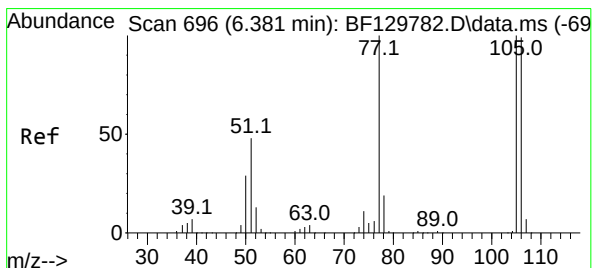
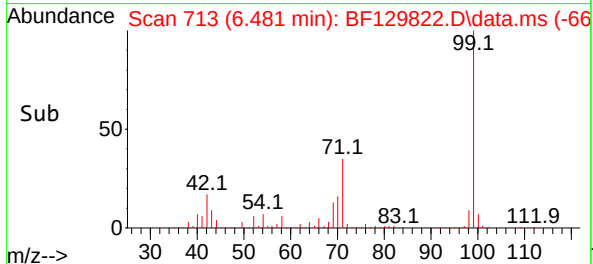
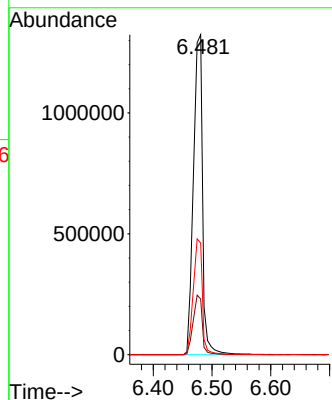
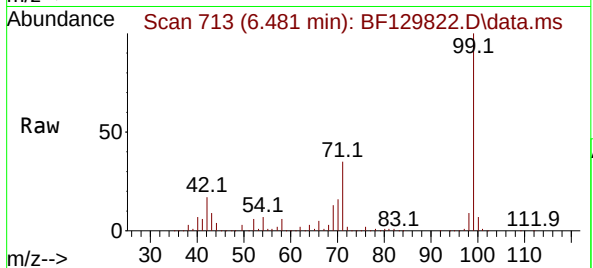




#7
Phenol-d6
Concen: 133.045 ng
RT: 6.481 min Scan# 713
Delta R.T. -0.000 min
Lab File: BF129822.D
Acq: 16 Aug 2022 21:18

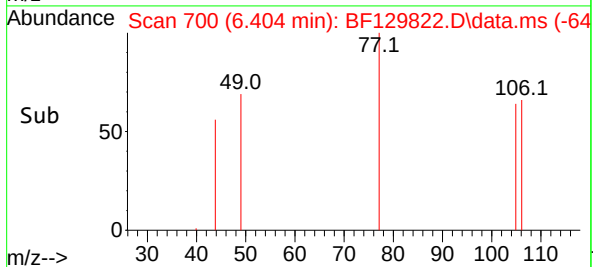
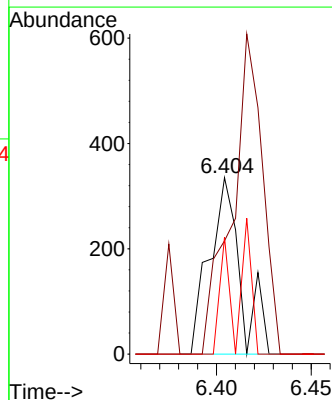
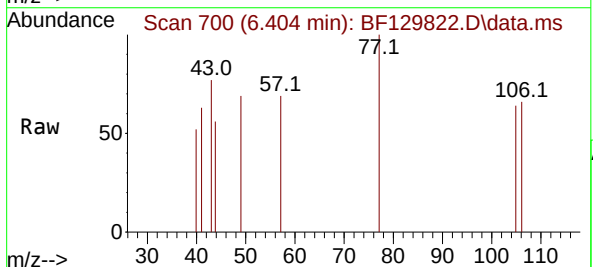
Instrument :
BNA_F
ClientSampleId :
S10

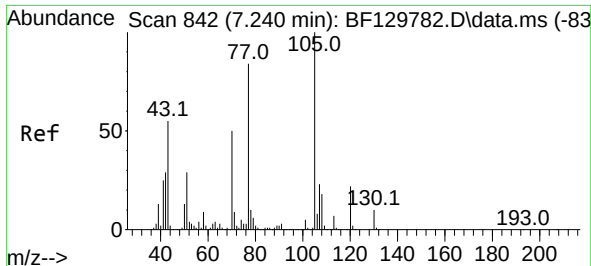
Tgt Ion: 99 Resp: 1438425
Ion Ratio Lower Upper
99 100
42 17.4 15.0 22.4
71 34.9 28.8 43.2



#9
Benzaldehyde
Concen: Below Cal
RT: 6.404 min Scan# 700
Delta R.T. 0.023 min
Lab File: BF129822.D
Acq: 16 Aug 2022 21:18

Tgt Ion: 77 Resp: 382
Ion Ratio Lower Upper
77 100
105 64.2 80.3 120.3#
106 66.3 74.3 114.3#

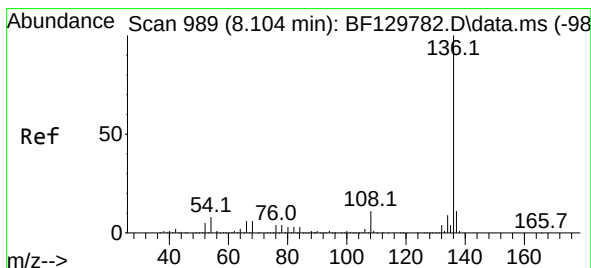
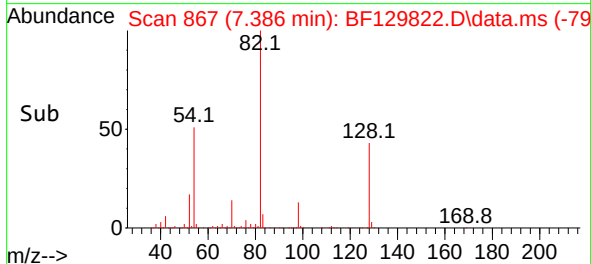
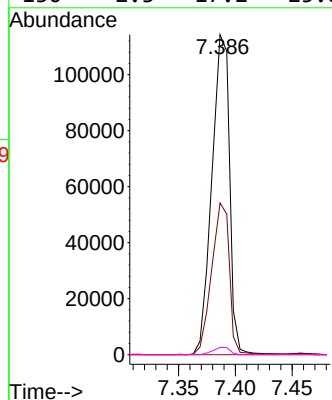
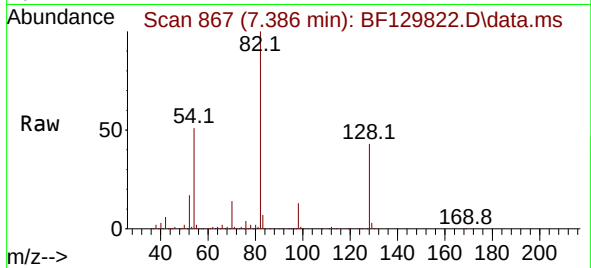




#19
n-Nitroso-di-n-propylamine
Concen: 18.123 ng
RT: 7.386 min Scan# 80
Delta R.T. 0.147 min
Lab File: BF129822.D
Acq: 16 Aug 2022 21:18

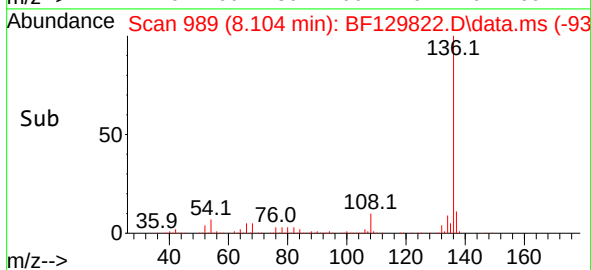
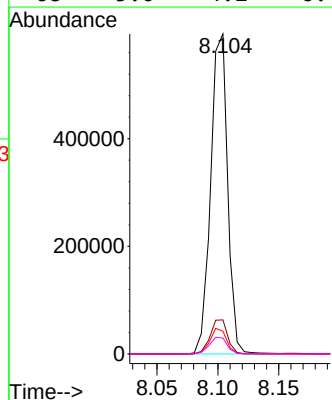
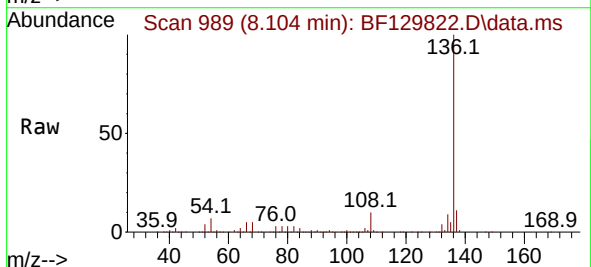
Instrument :
BNA_F
ClientSampleId :
S10

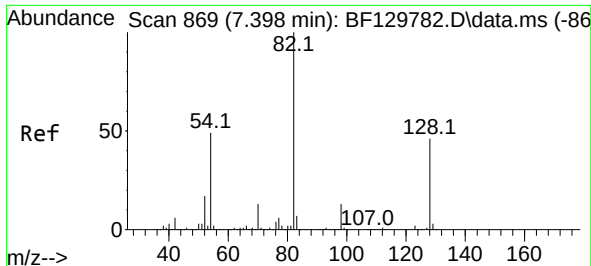
Tgt Ion: 70 Resp: 123852
Ion Ratio Lower Upper
70 100
42 47.4 47.6 71.4#
101 0.0 8.1 12.1#
130 2.3 17.2 25.8#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.104 min Scan# 989
Delta R.T. -0.006 min
Lab File: BF129822.D
Acq: 16 Aug 2022 21:18

Tgt Ion:136 Resp: 574973
Ion Ratio Lower Upper
136 100
137 10.6 8.4 12.6
54 7.1 6.2 9.2
68 5.0 4.2 6.4





#23

Nitrobenzene-d5

Concen: 86.779 ng

RT: 7.386 min Scan# 867

Delta R.T. -0.012 min

Lab File: BF129822.D

Acq: 16 Aug 2022 21:18

Instrument :

BNA_F

ClientSampleId :

S10

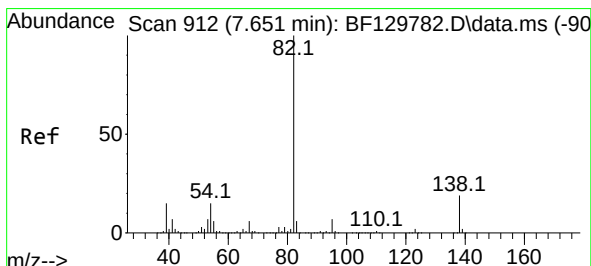
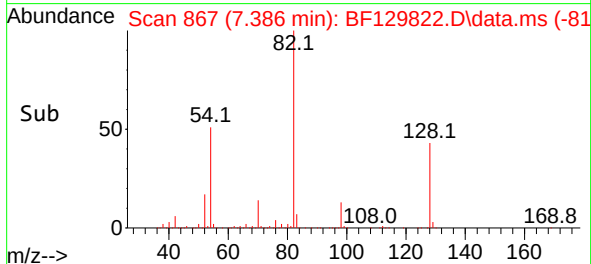
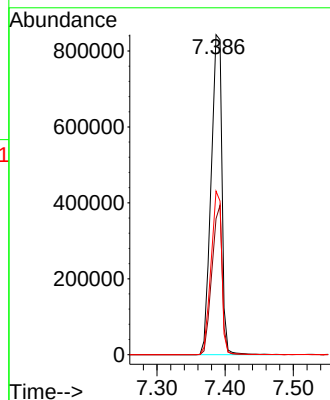
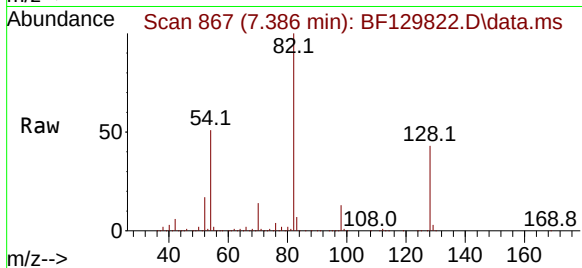
Tgt Ion: 82 Resp: 932075

Ion Ratio Lower Upper

82 100

128 42.5 36.1 54.1

54 51.1 40.0 60.0



#25

Isophorone

Concen: 50.414 ng

RT: 7.386 min Scan# 867

Delta R.T. -0.265 min

Lab File: BF129822.D

Acq: 16 Aug 2022 21:18

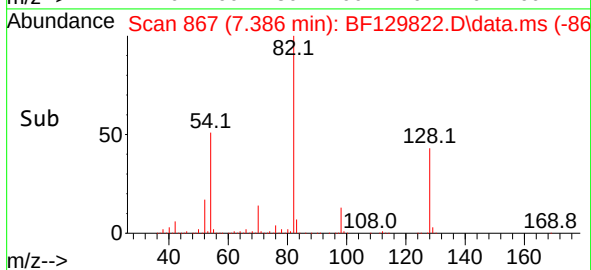
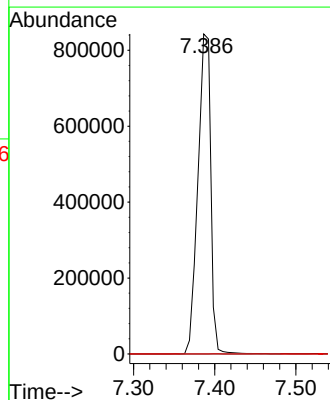
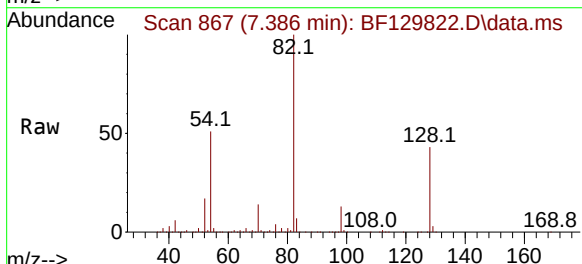
Tgt Ion: 82 Resp: 931982

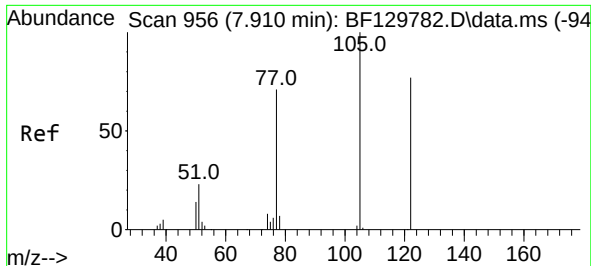
Ion Ratio Lower Upper

82 100

95 0.0 5.9 8.9#

138 0.0 14.6 21.8#

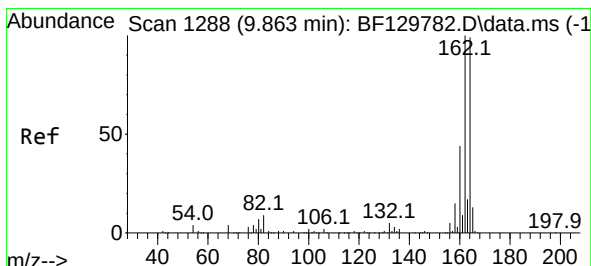
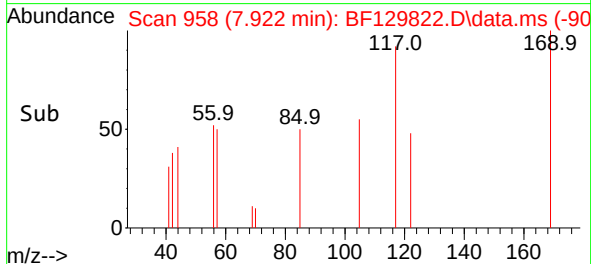
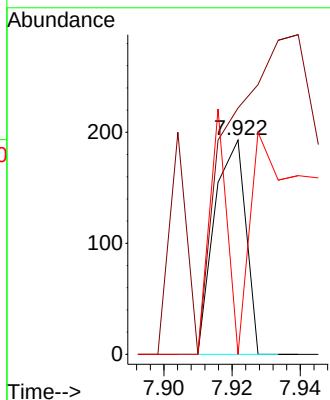
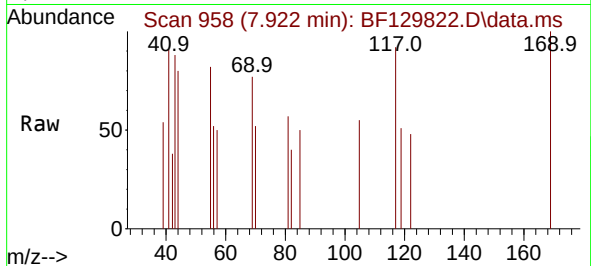




#32
Benzoic acid
Concen: 2.196 ng
RT: 7.922 min Scan# 91
Delta R.T. 0.006 min
Lab File: BF129822.D
Acq: 16 Aug 2022 21:18

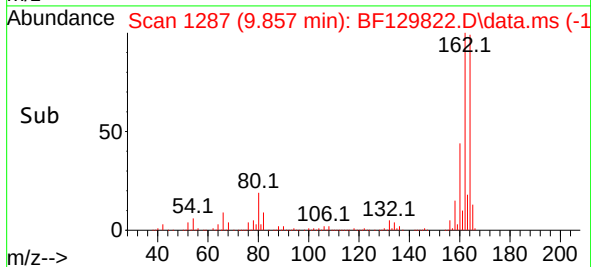
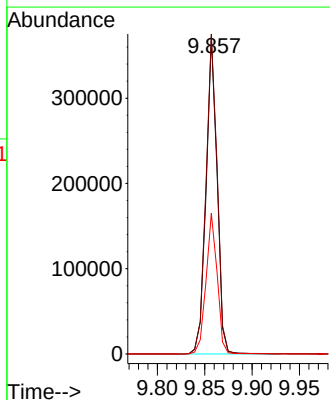
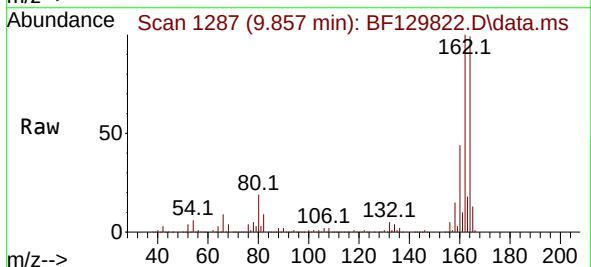
Instrument :
BNA_F
ClientSampleId :
S10

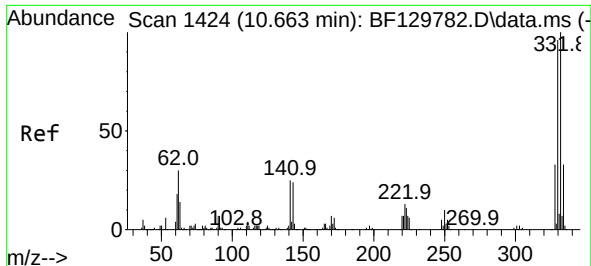
Tgt Ion:122 Resp: 123
Ion Ratio Lower Upper
122 100
105 115.0 99.9 139.9
77 0.0 65.9 105.9#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.857 min Scan# 1287
Delta R.T. -0.006 min
Lab File: BF129822.D
Acq: 16 Aug 2022 21:18

Tgt Ion:164 Resp: 300677
Ion Ratio Lower Upper
164 100
162 100.9 82.0 123.0
160 44.3 35.4 53.0





#42

2,4,6-Tribromophenol

Concen: 128.359 ng

RT: 10.657 min Scan# 1423

Delta R.T. -0.006 min

Lab File: BF129822.D

Acq: 16 Aug 2022 21:18

Instrument :

BNA_F

ClientSampleId :

S10

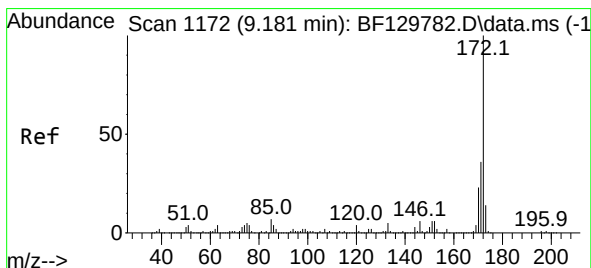
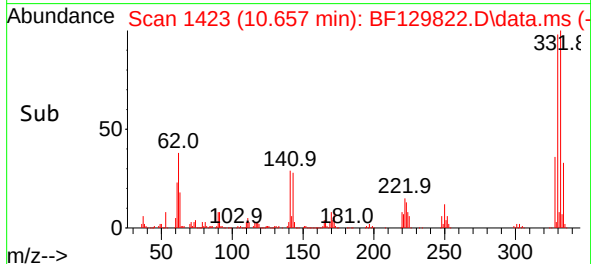
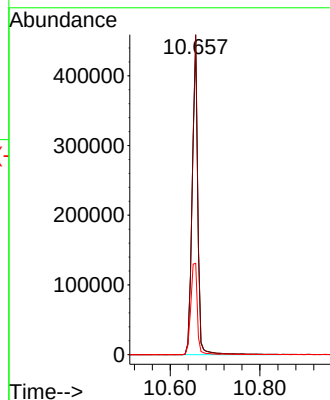
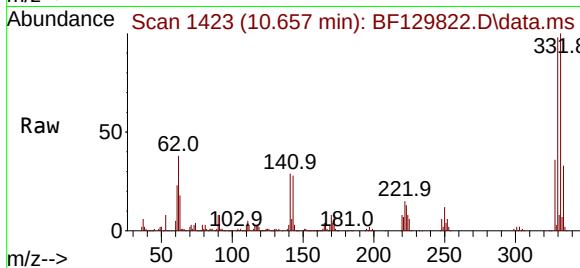
Tgt Ion:330 Resp: 387356

Ion Ratio Lower Upper

330 100

332 101.1 82.6 124.0

141 34.3 27.6 41.4



#45

2-Fluorobiphenyl

Concen: 80.952 ng

RT: 9.180 min Scan# 1172

Delta R.T. -0.006 min

Lab File: BF129822.D

Acq: 16 Aug 2022 21:18

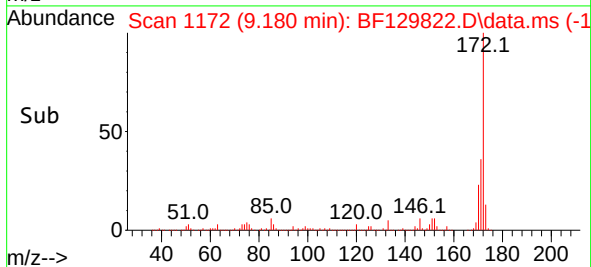
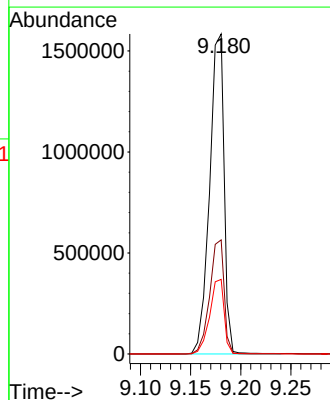
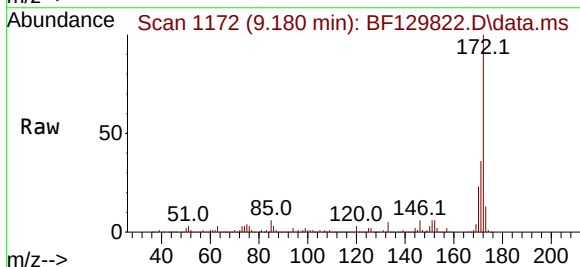
Tgt Ion:172 Resp: 1602593

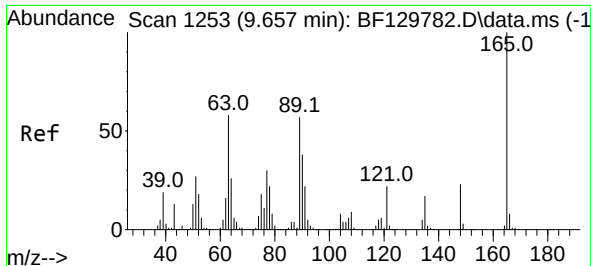
Ion Ratio Lower Upper

172 100

171 35.7 28.4 42.6

170 23.3 19.1 28.7

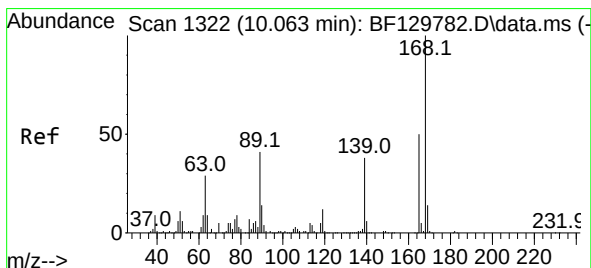
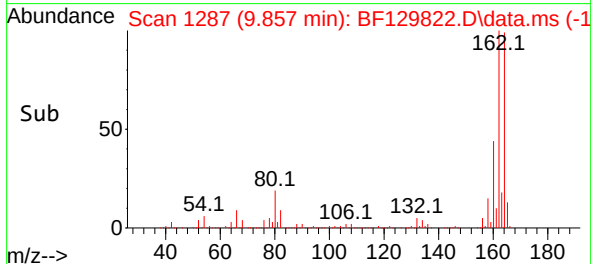
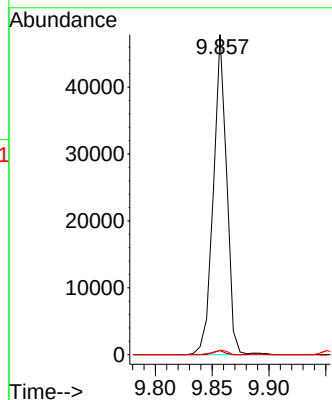
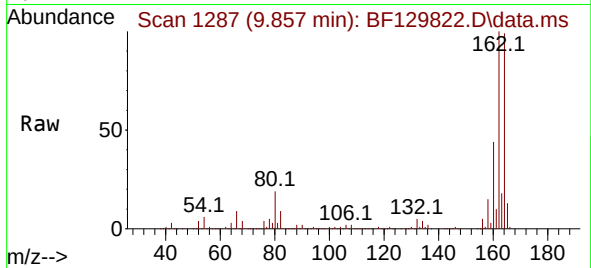




#51
2,6-Dinitrotoluene
Concen: 8.318 ng
RT: 9.857 min Scan# 1287
Delta R.T. 0.200 min
Lab File: BF129822.D
Acq: 16 Aug 2022 21:18

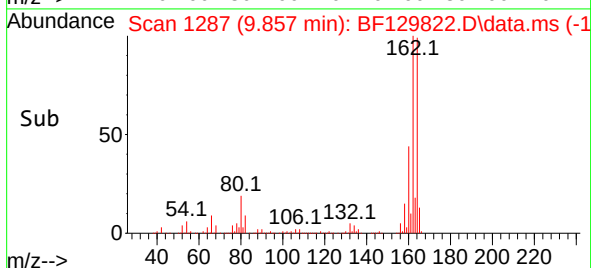
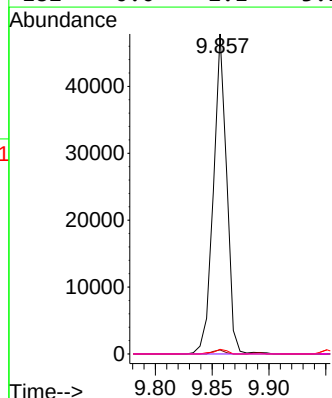
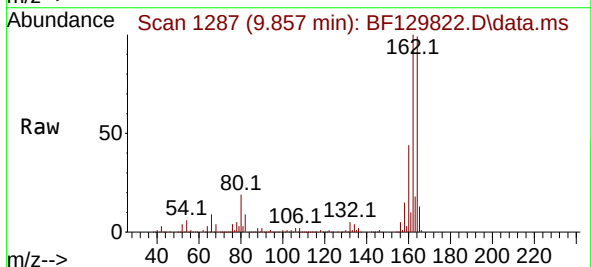
Instrument :
BNA_F
ClientSampleId :
S10

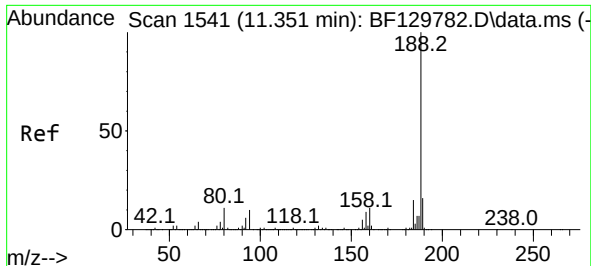
Tgt Ion:165 Resp: 38892
Ion Ratio Lower Upper
165 100
63 1.3 47.8 71.8#
89 1.4 47.2 70.8#



#57
2,4-Dinitrotoluene
Concen: 6.408 ng
RT: 9.857 min Scan# 1287
Delta R.T. -0.212 min
Lab File: BF129822.D
Acq: 16 Aug 2022 21:18

Tgt Ion:165 Resp: 38892
Ion Ratio Lower Upper
165 100
63 1.3 48.4 72.6#
89 1.4 62.3 93.5#
182 0.0 2.1 3.1#

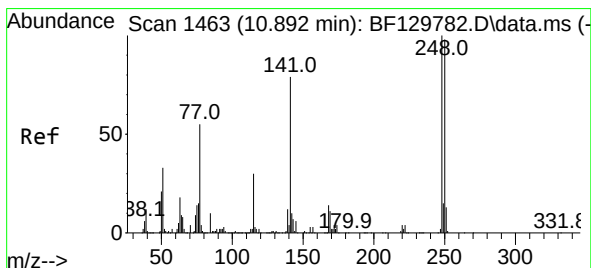
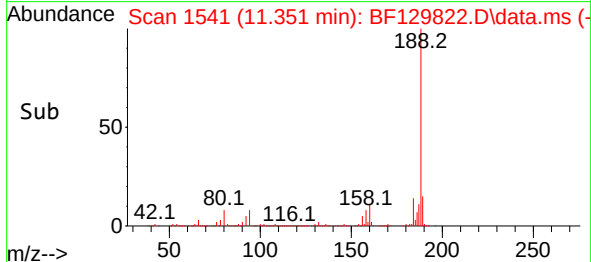
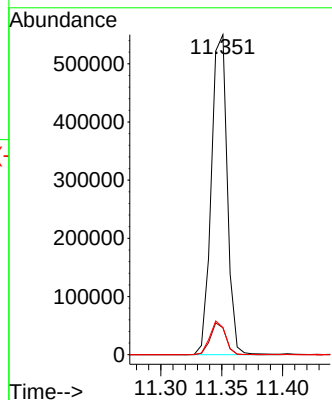
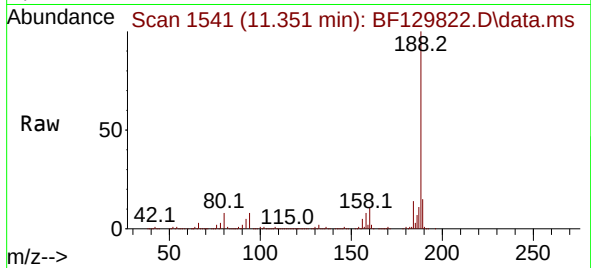




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.351 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF129822.D
Acq: 16 Aug 2022 21:18

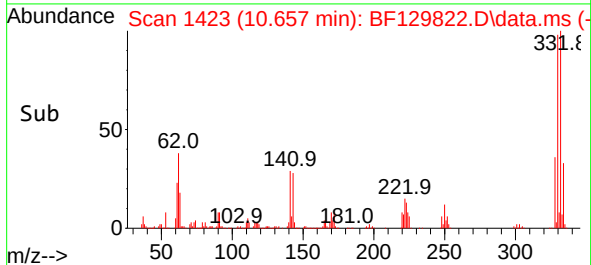
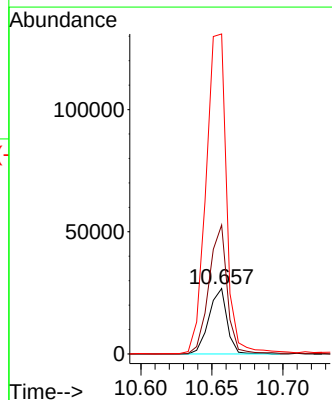
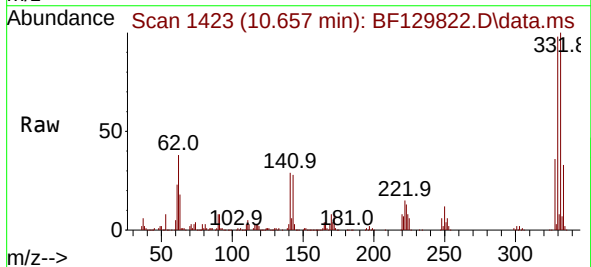
Instrument :
BNA_F
ClientSampleId :
S10

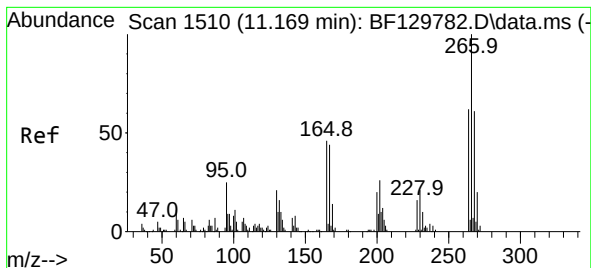
Tgt Ion:188 Resp: 499415
Ion Ratio Lower Upper
188 100
94 8.4 7.4 11.2
80 8.5 7.9 11.9



#67
4-Bromophenyl-phenylether
Concen: 4.090 ng
RT: 10.657 min Scan# 1423
Delta R.T. -0.235 min
Lab File: BF129822.D
Acq: 16 Aug 2022 21:18

Tgt Ion:248 Resp: 23927
Ion Ratio Lower Upper
248 100
250 197.2 77.8 116.6#
141 489.3 66.2 99.2#





#70

Pentachlorophenol

Concen: 5.334 ng

RT: 11.169 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF129822.D

Acq: 16 Aug 2022 21:18

Instrument :

BNA_F

ClientSampleId :

S10

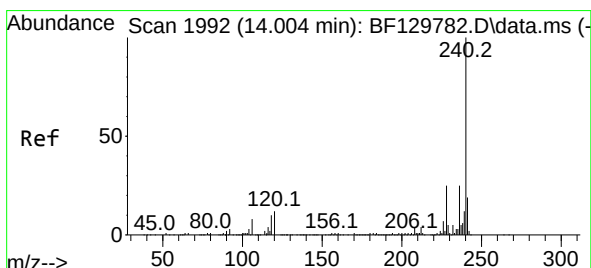
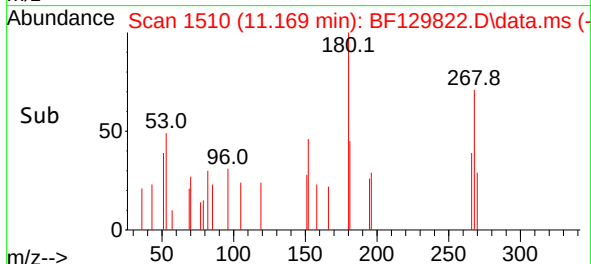
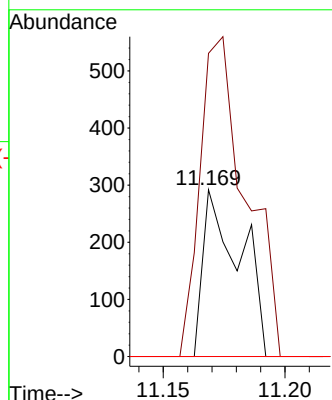
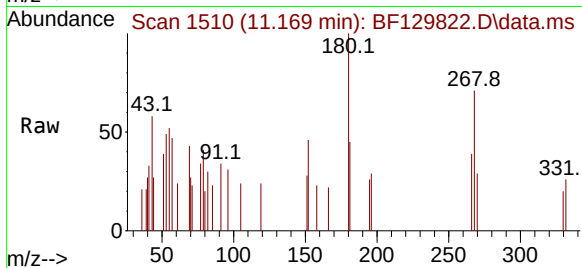
Tgt Ion:266 Resp: 309

Ion Ratio Lower Upper

266 100

268 181.8 49.0 73.4#

264 0.0 47.9 71.9#



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.998 min Scan# 1991

Delta R.T. -0.006 min

Lab File: BF129822.D

Acq: 16 Aug 2022 21:18

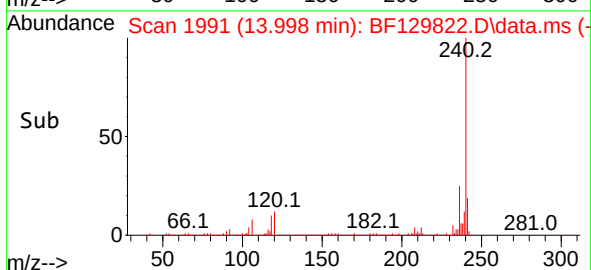
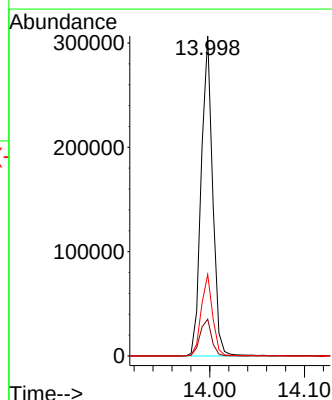
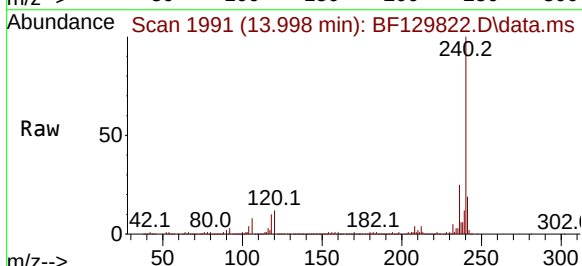
Tgt Ion:240 Resp: 257082

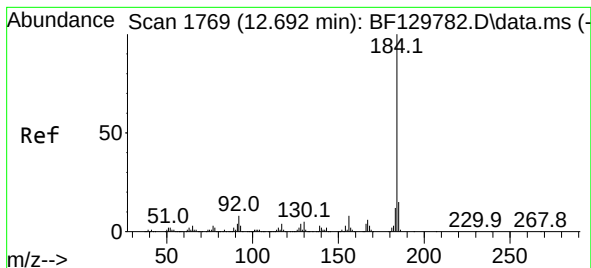
Ion Ratio Lower Upper

240 100

120 11.5 9.2 13.8

236 25.5 20.7 31.1





#77

Benzidine

Concen: Below Cal

RT: 12.933 min Scan# 1810

Delta R.T. 0.241 min

Lab File: BF129822.D

Acq: 16 Aug 2022 21:18

Instrument :

BNA_F

ClientSampleId :

S10

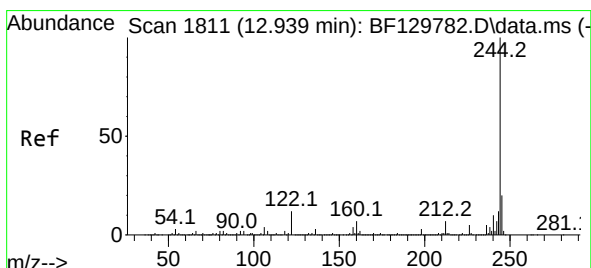
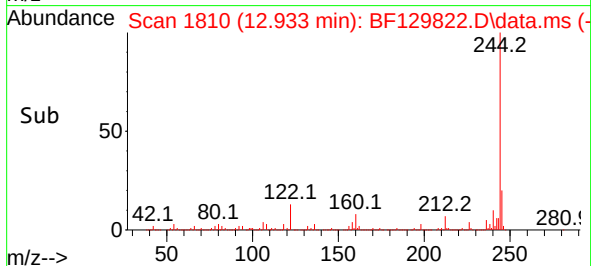
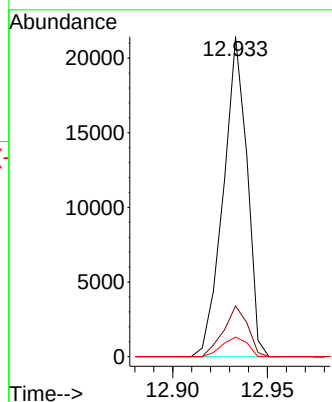
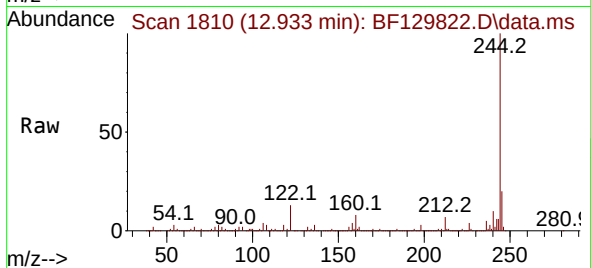
Tgt Ion:184 Resp: 18649

Ion Ratio Lower Upper

184 100

185 15.8 11.4 17.2

183 6.1 9.4 14.2#



#79

Terphenyl-d14

Concen: 89.709 ng

RT: 12.933 min Scan# 1810

Delta R.T. -0.006 min

Lab File: BF129822.D

Acq: 16 Aug 2022 21:18

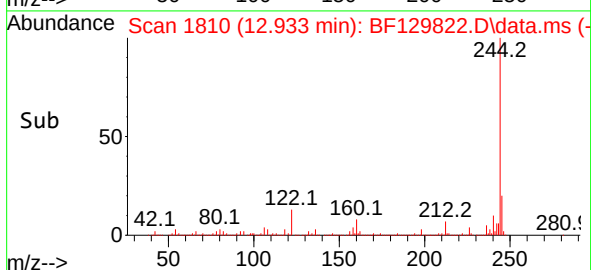
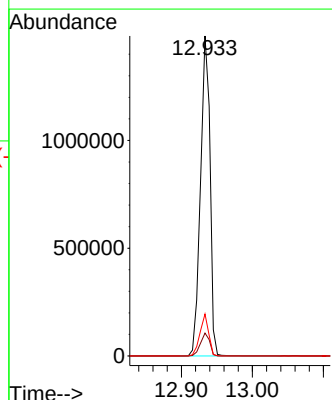
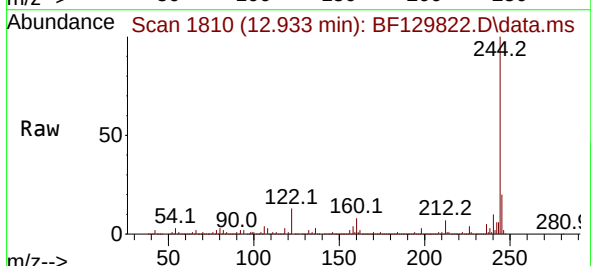
Tgt Ion:244 Resp: 1386022

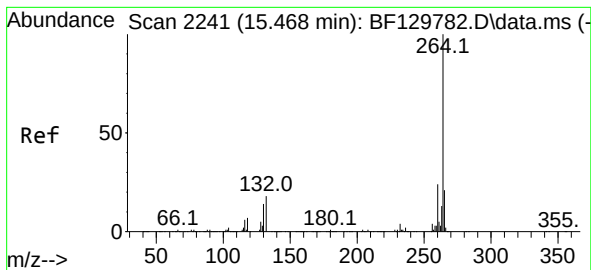
Ion Ratio Lower Upper

244 100

212 7.2 5.9 8.9

122 13.1 9.9 14.9





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.468 min Scan# 21

Delta R.T. -0.000 min

Lab File: BF129822.D

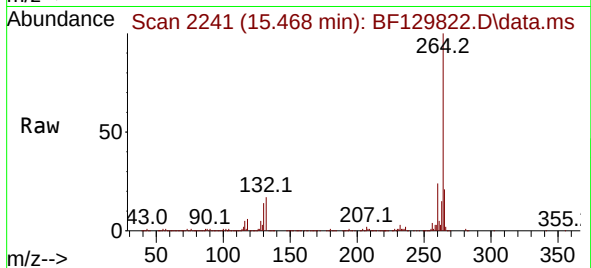
Acq: 16 Aug 2022 21:18

Instrument :

BNA_F

ClientSampleId :

S10



Tgt Ion:264 Resp: 275740

Ion Ratio Lower Upper

264 100

260 23.7 19.1 28.7

265 20.8 16.7 25.1

