

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082222\
 Data File : BF129943.D
 Acq On : 22 Aug 2022 16:37
 Operator : CG\JU
 Sample : N4224-05
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Aug 23 04:49:32 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 23 04:41:40 2022
 Response via : Initial Calibration

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

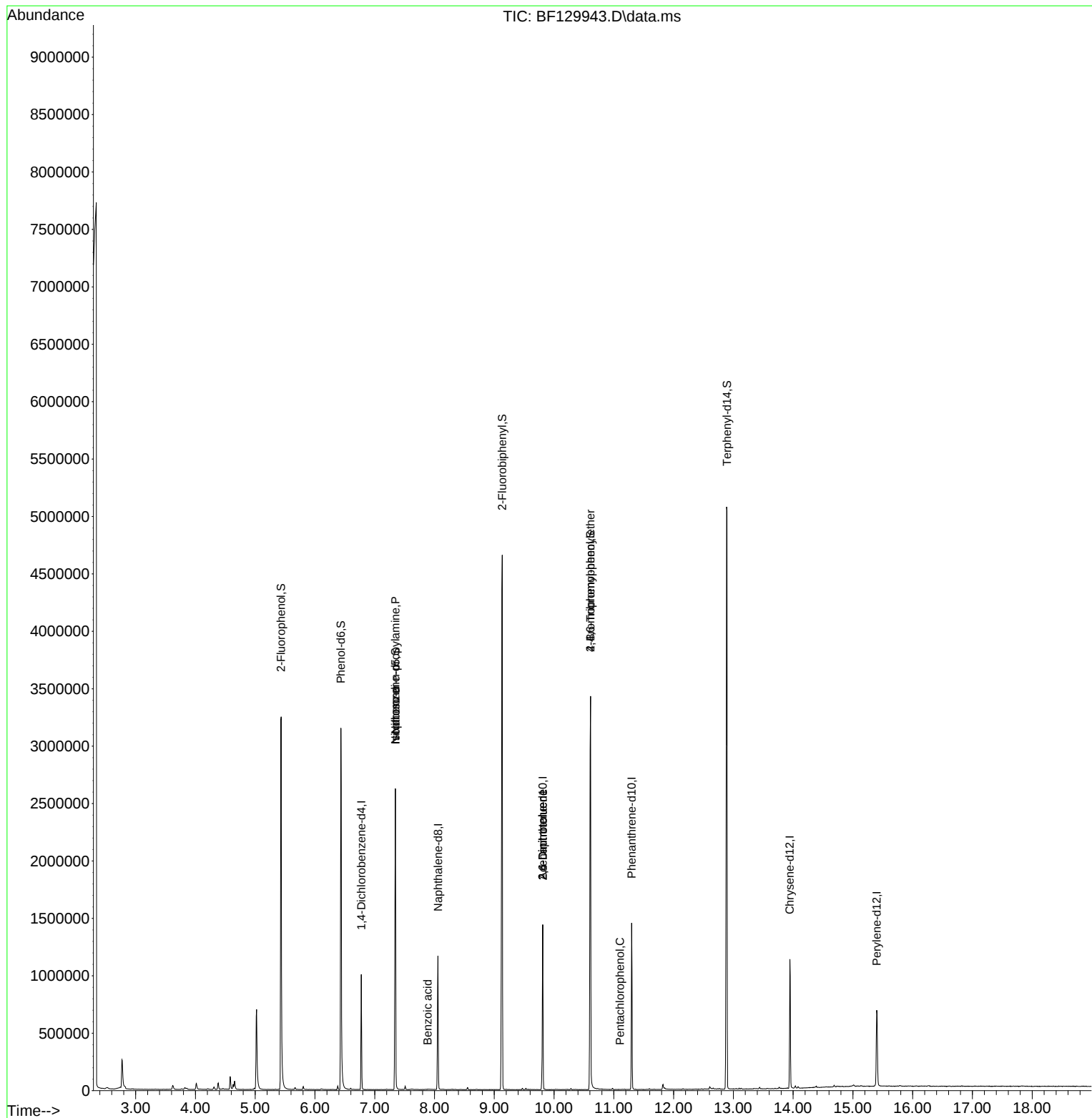
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.775	152	129280	20.000	ng	0.00
21) Naphthalene-d8	8.057	136	520922	20.000	ng	0.00
39) Acenaphthene-d10	9.810	164	284401	20.000	ng	0.00
64) Phenanthrene-d10	11.298	188	491816	20.000	ng	0.00
76) Chrysene-d12	13.945	240	379866	20.000	ng	0.00
86) Perylene-d12	15.398	264	309120	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.434	112	961781	123.176	ng	0.02
7) Phenol-d6	6.434	99	1117298	114.266	ng	0.00
23) Nitrobenzene-d5	7.345	82	873668	89.781	ng	0.00
42) 2,4,6-Tribromophenol	10.610	330	422206	147.915	ng	0.00
45) 2-Fluorobiphenyl	9.134	172	1612407	86.108	ng	0.00
79) Terphenyl-d14	12.892	244	1931966	84.626	ng	0.00
Target Compounds						
					Qvalue	
9) Benzaldehyde	6.375	77	65	Below Cal	#	29
19) n-Nitroso-di-n-propyla...	7.345	70	119704	19.368	ng	# 76
25) Isophorone	7.345	82	873659	52.163	ng	# 65
32) Benzoic acid	7.887	122	2053	3.019	ng	# 95
51) 2,6-Dinitrotoluene	9.810	165	36377	8.225	ng	# 23
57) 2,4-Dinitrotoluene	9.810	165	36377	6.336	ng	# 18
67) 4-Bromophenyl-phenylether	10.610	248	26077	4.527	ng	# 1
70) Pentachlorophenol	11.104	266	160	5.262	ng	# 20
77) Benzidine	12.892	184	27067	Below Cal	#	93

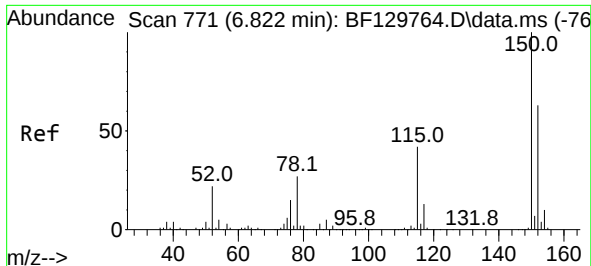
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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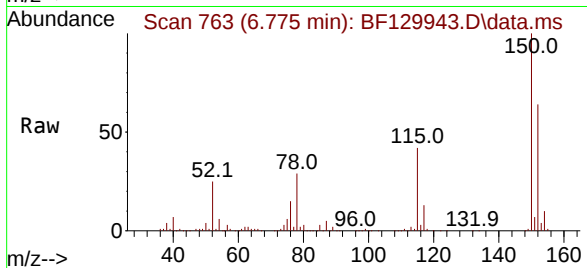
Quant Time: Aug 23 04:49:32 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081422.M
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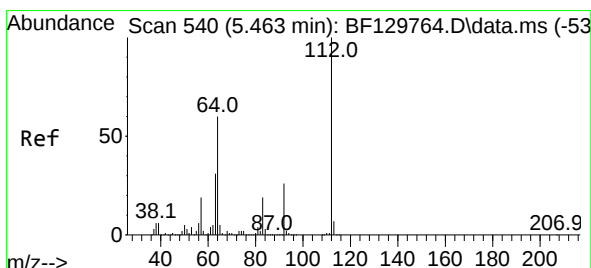
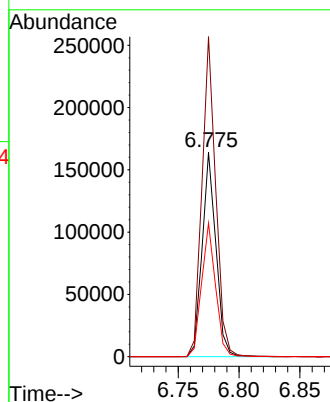
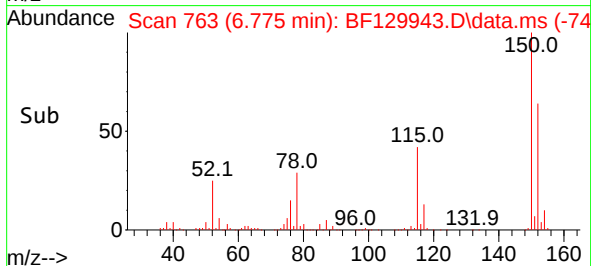


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.775 min Scan# 70
Delta R.T. -0.000 min
Lab File: BF129943.D
Acq: 22 Aug 2022 16:37

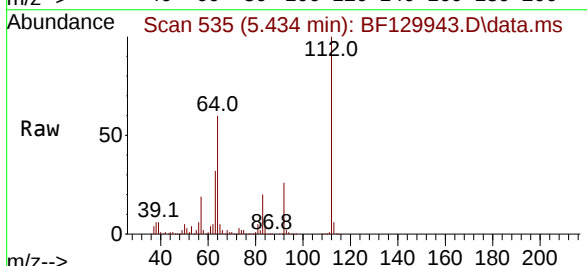
Instrument :
BNA_F
ClientSampleId :



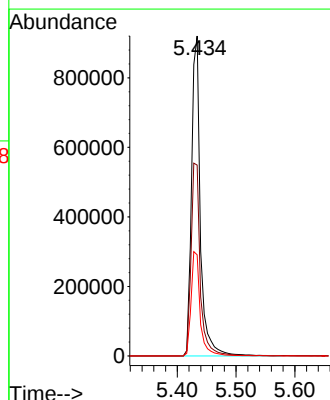
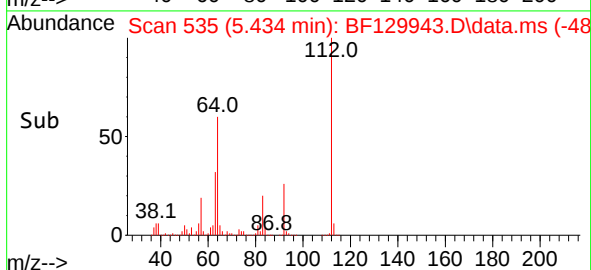
Tgt Ion:152 Resp: 129280
Ion Ratio Lower Upper
152 100
150 156.6 126.9 190.3
115 65.4 53.4 80.0

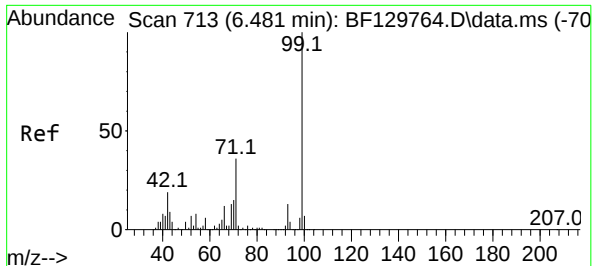


#5
2-Fluorophenol
Concen: 123.176 ng
RT: 5.434 min Scan# 535
Delta R.T. 0.024 min
Lab File: BF129943.D
Acq: 22 Aug 2022 16:37



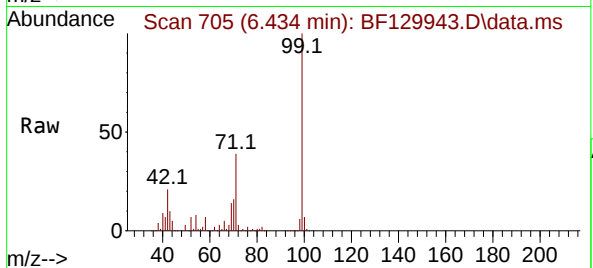
Tgt Ion:112 Resp: 961781
Ion Ratio Lower Upper
112 100
64 59.7 47.6 71.4
63 31.6 24.6 37.0





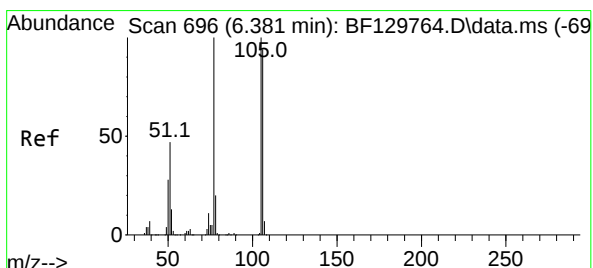
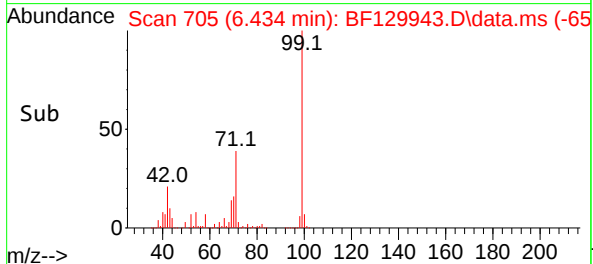
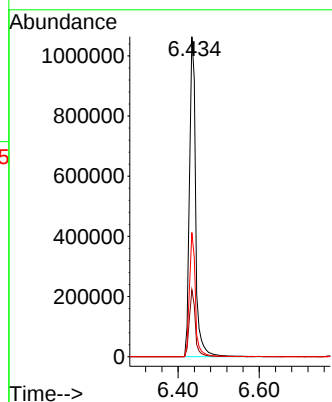
#7
Phenol-d6
Concen: 114.266 ng
RT: 6.434 min Scan# 70
Delta R.T. 0.000 min
Lab File: BF129943.D
Acq: 22 Aug 2022 16:37

Instrument :
BNA_F
ClientSampleId :



Tgt Ion: 99 Resp: 1117298

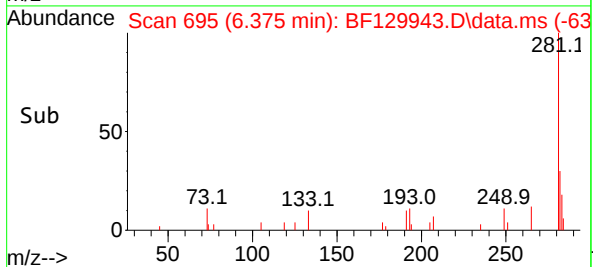
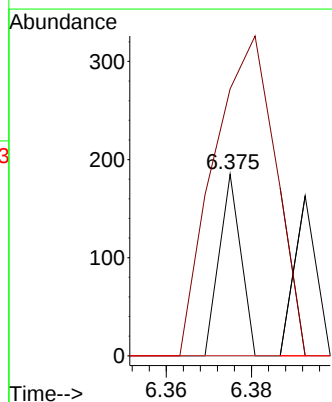
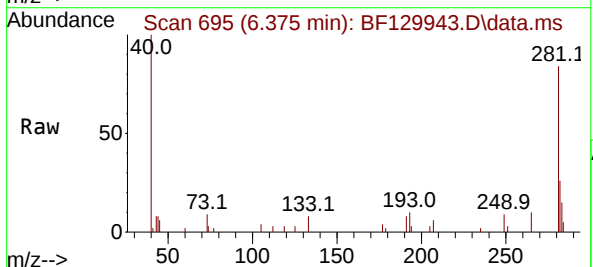
Ion	Ratio	Lower	Upper
99	100		
42	20.9	15.0	22.4
71	38.8	28.8	43.2

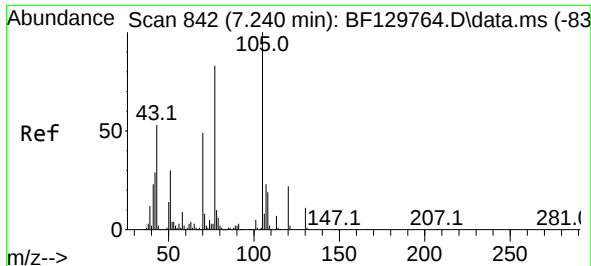


#9
Benzaldehyde
Concen: Below Cal
RT: 6.375 min Scan# 695
Delta R.T. 0.041 min
Lab File: BF129943.D
Acq: 22 Aug 2022 16:37

Tgt Ion: 77 Resp: 65

Ion	Ratio	Lower	Upper
77	100		
105	147.0	80.3	120.3#
106	0.0	74.3	114.3#

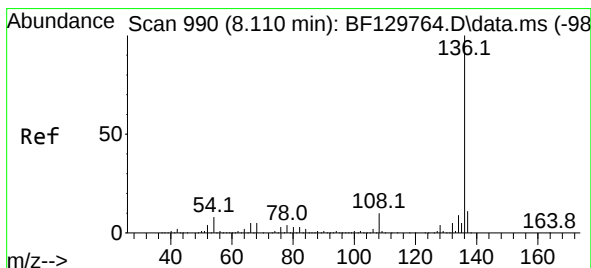
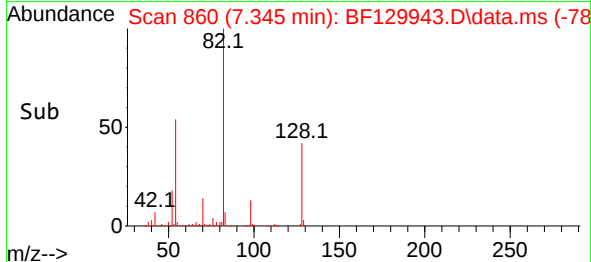
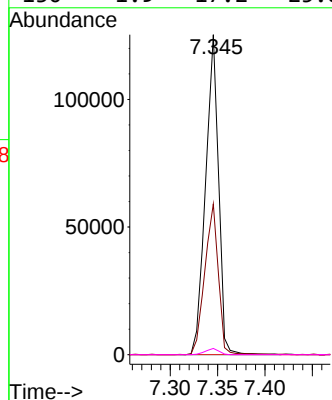
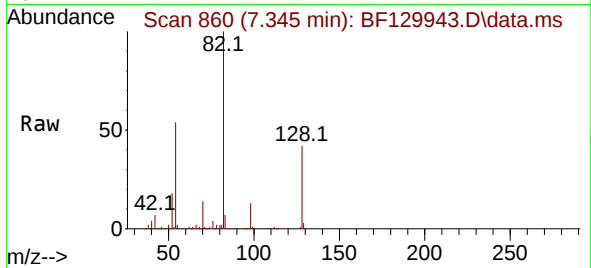




#19
n-Nitroso-di-n-propylamine
Concen: 19.368 ng
RT: 7.345 min Scan# 80
Delta R.T. 0.147 min
Lab File: BF129943.D
Acq: 22 Aug 2022 16:37

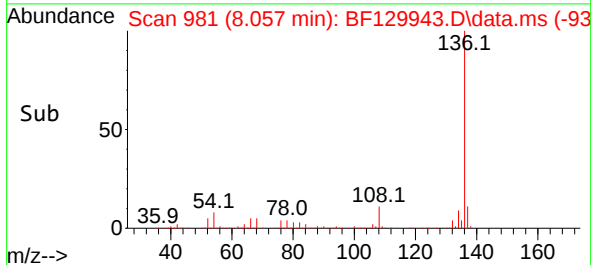
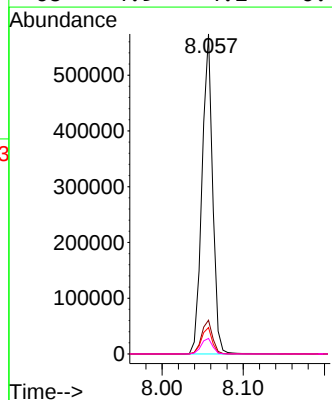
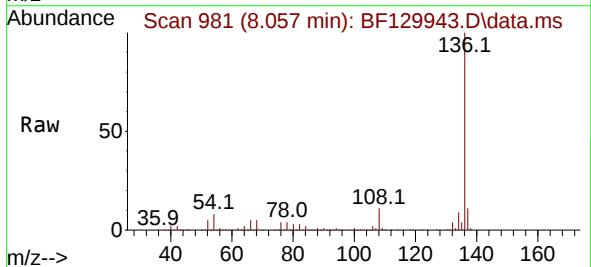
Instrument :
BNA_F
ClientSampleId :

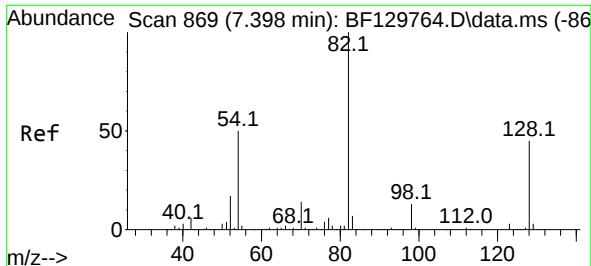
Tgt Ion: 70 Resp: 119704
Ion Ratio Lower Upper
70 100
42 47.1 47.6 71.4#
101 0.0 8.1 12.1#
130 1.9 17.2 25.8#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.057 min Scan# 981
Delta R.T. 0.000 min
Lab File: BF129943.D
Acq: 22 Aug 2022 16:37

Tgt Ion:136 Resp: 520922
Ion Ratio Lower Upper
136 100
137 10.6 8.4 12.6
54 8.3 6.2 9.2
68 4.9 4.2 6.4





#23

Nitrobenzene-d5

Concen: 89.781 ng

RT: 7.345 min Scan# 80

Delta R.T. -0.006 min

Lab File: BF129943.D

Acq: 22 Aug 2022 16:37

Instrument :

BNA_F

ClientSampleId :

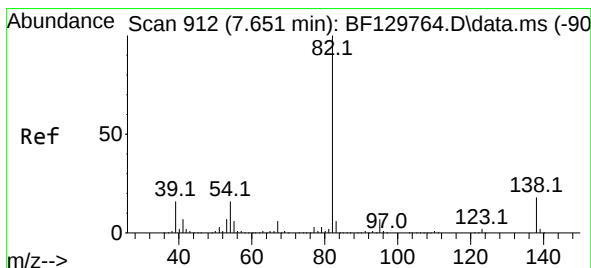
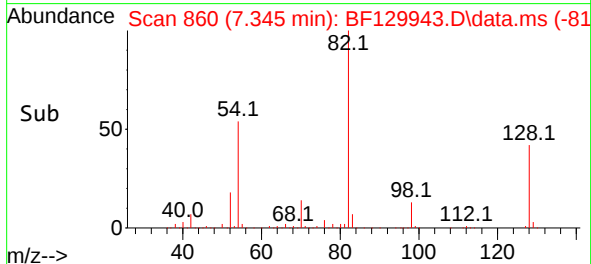
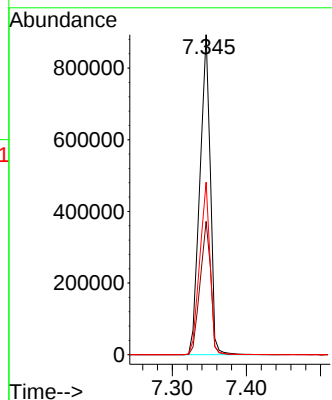
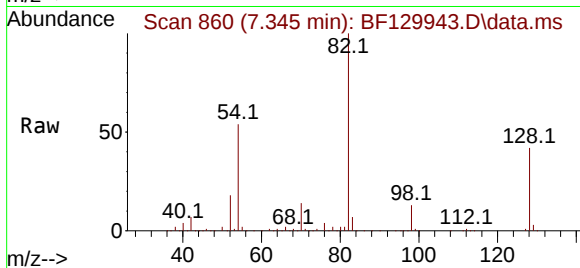
Tgt Ion: 82 Resp: 873668

Ion Ratio Lower Upper

82 100

128 41.6 36.1 54.1

54 53.9 40.0 60.0



#25

Isophorone

Concen: 52.163 ng

RT: 7.345 min Scan# 860

Delta R.T. -0.259 min

Lab File: BF129943.D

Acq: 22 Aug 2022 16:37

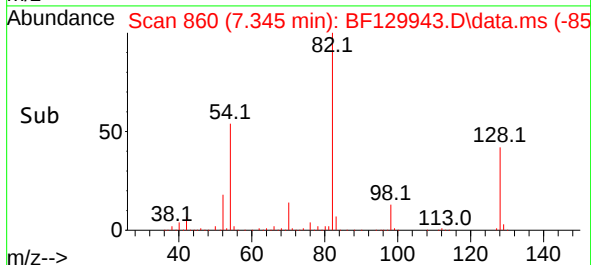
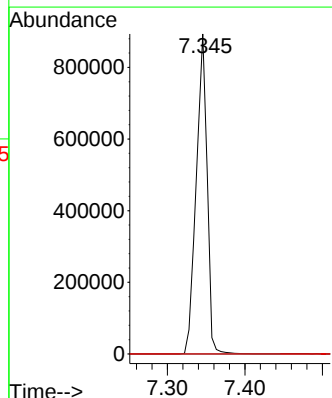
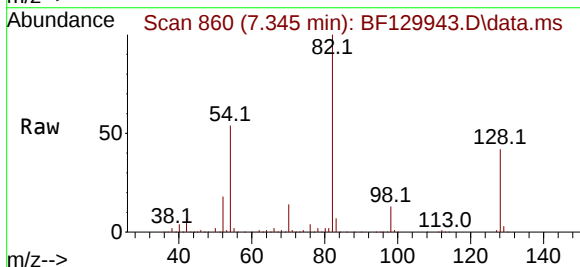
Tgt Ion: 82 Resp: 873659

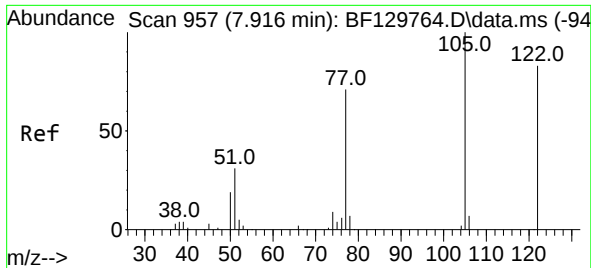
Ion Ratio Lower Upper

82 100

95 0.0 5.9 8.9#

138 0.0 14.6 21.8#

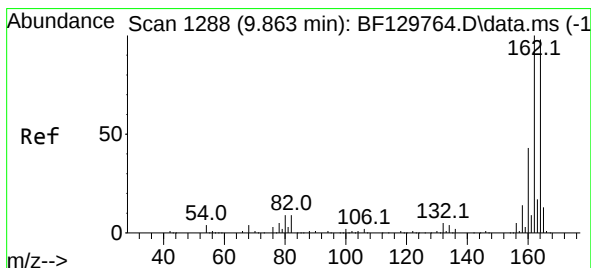
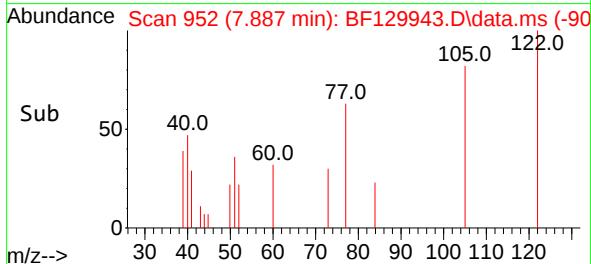
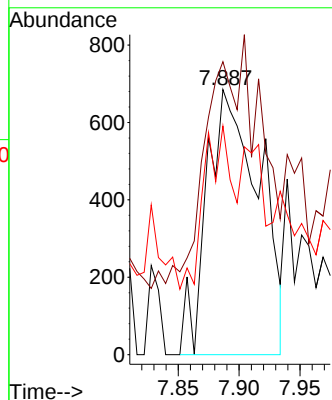
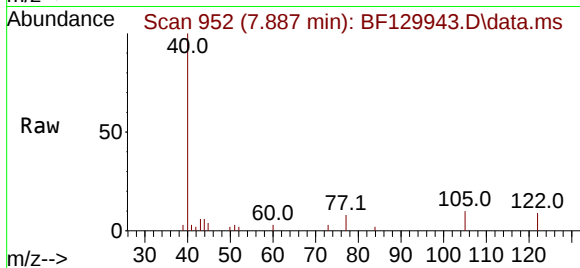




#32
Benzoic acid
Concen: 3.019 ng
RT: 7.887 min Scan# 91
Delta R.T. 0.006 min
Lab File: BF129943.D
Acq: 22 Aug 2022 16:37

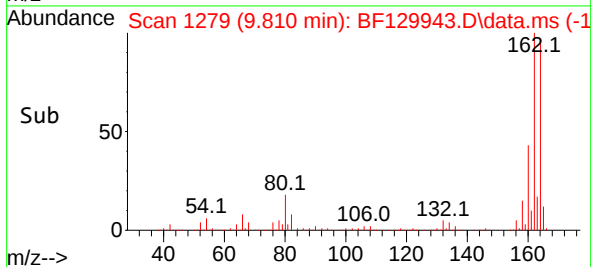
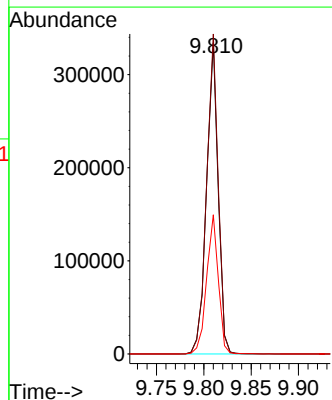
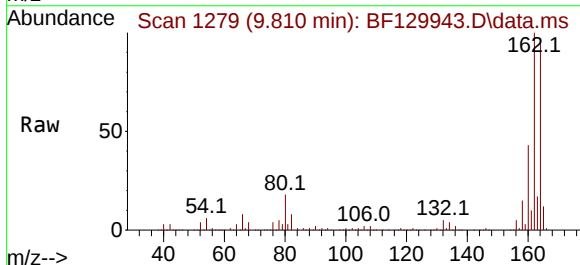
Instrument :
BNA_F
ClientSampleId :

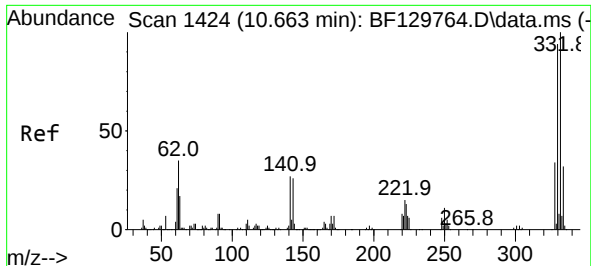
Tgt Ion:122 Resp: 2053
Ion Ratio Lower Upper
122 100
105 110.5 99.9 139.9
77 86.3 65.9 105.9



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.810 min Scan# 1279
Delta R.T. -0.006 min
Lab File: BF129943.D
Acq: 22 Aug 2022 16:37

Tgt Ion:164 Resp: 284401
Ion Ratio Lower Upper
164 100
162 102.8 82.0 123.0
160 44.7 35.4 53.0





#42

2,4,6-Tribromophenol

Concen: 147.915 ng

RT: 10.610 min Scan# 1415

Delta R.T. 0.000 min

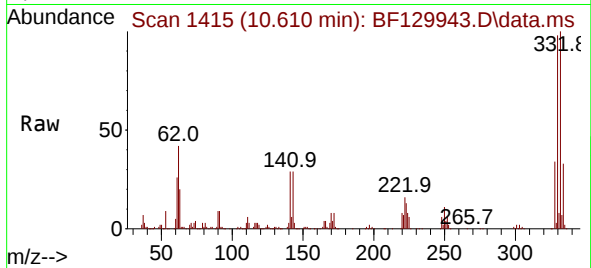
Lab File: BF129943.D

Acq: 22 Aug 2022 16:37

Instrument :

BNA_F

ClientSampleId :



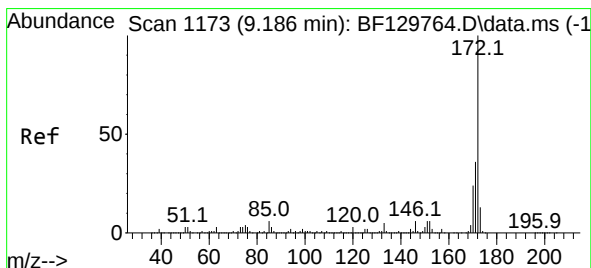
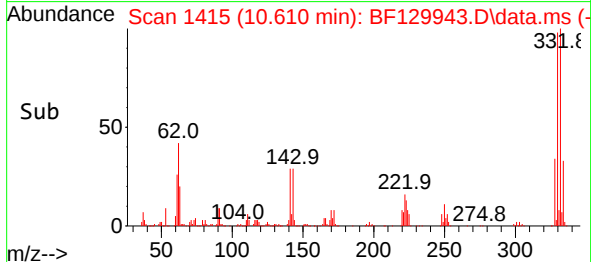
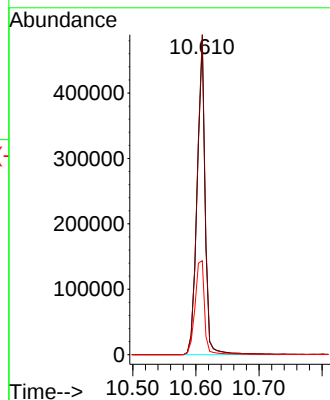
Tgt Ion:330 Resp: 422206

Ion Ratio Lower Upper

330 100

332 102.1 82.6 124.0

141 35.7 27.6 41.4



#45

2-Fluorobiphenyl

Concen: 86.108 ng

RT: 9.134 min Scan# 1164

Delta R.T. 0.000 min

Lab File: BF129943.D

Acq: 22 Aug 2022 16:37

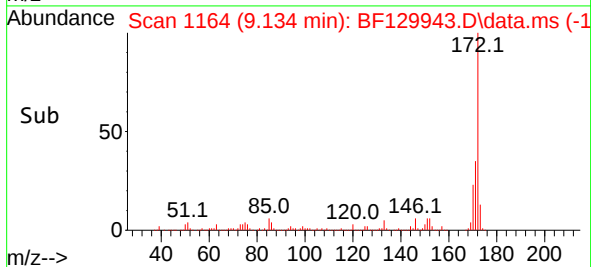
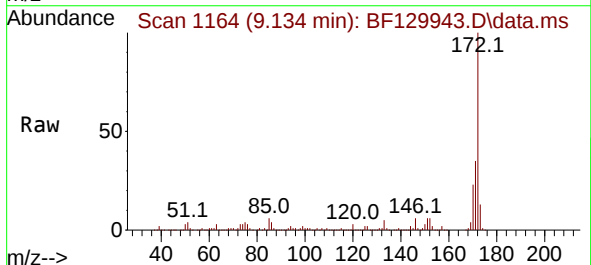
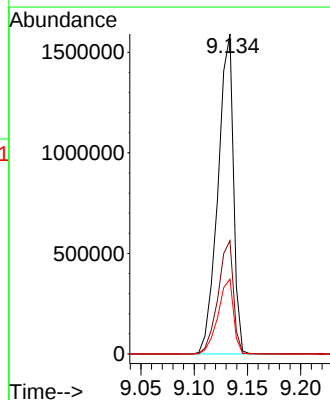
Tgt Ion:172 Resp: 1612407

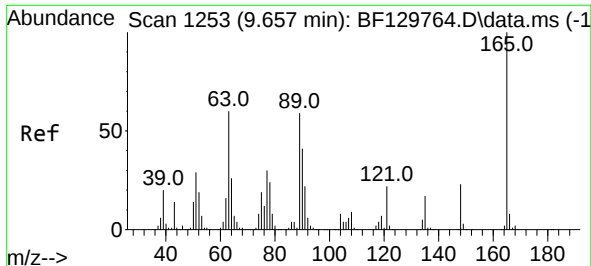
Ion Ratio Lower Upper

172 100

171 35.4 28.4 42.6

170 23.4 19.1 28.7





#51

2,6-Dinitrotoluene

Concen: 8.225 ng

RT: 9.810 min Scan# 1279

Delta R.T. 0.194 min

Lab File: BF129943.D

Acq: 22 Aug 2022 16:37

Instrument :

BNA_F

ClientSampleId :

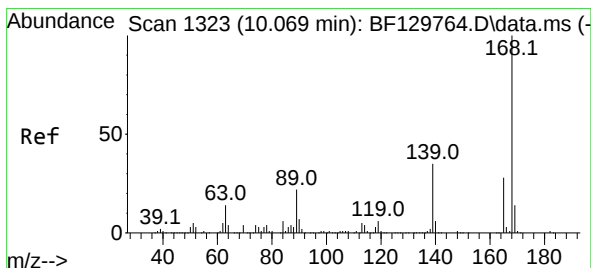
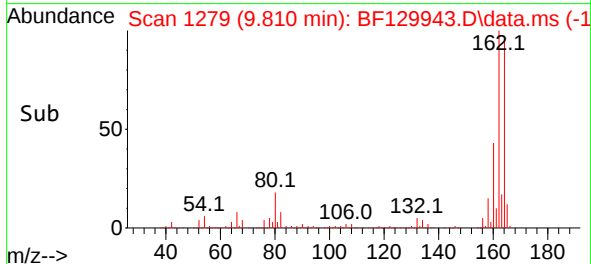
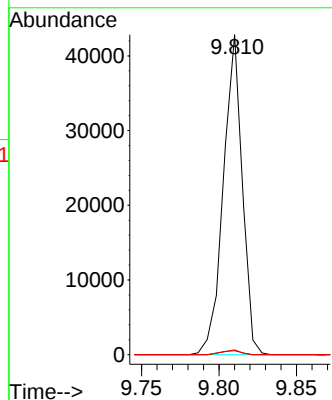
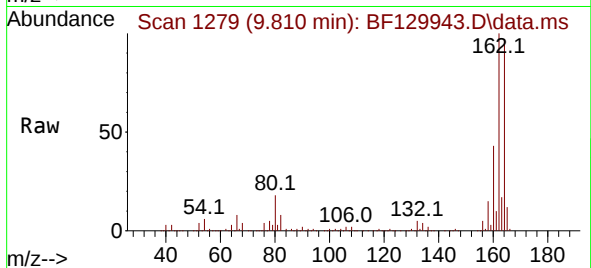
Tgt Ion:165 Resp: 36377

Ion Ratio Lower Upper

165 100

63 1.3 47.8 71.8#

89 1.5 47.2 70.8#



#57

2,4-Dinitrotoluene

Concen: 6.336 ng

RT: 9.810 min Scan# 1279

Delta R.T. -0.212 min

Lab File: BF129943.D

Acq: 22 Aug 2022 16:37

Tgt Ion:165 Resp: 36377

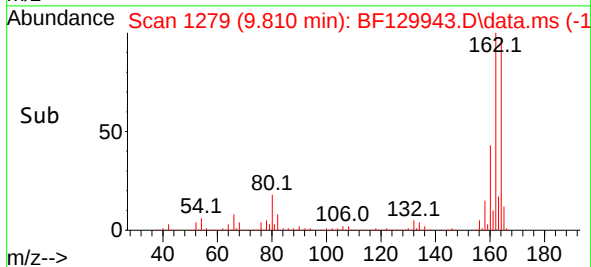
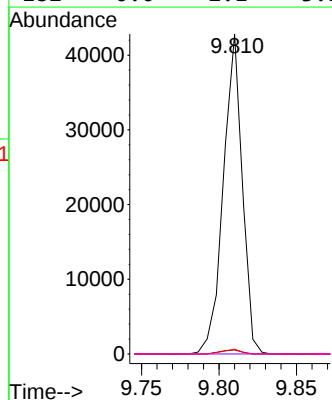
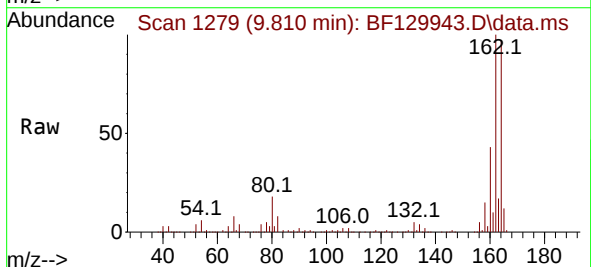
Ion Ratio Lower Upper

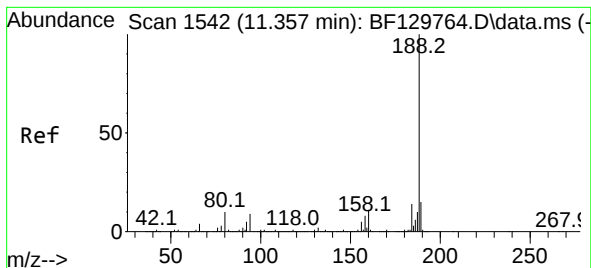
165 100

63 1.3 48.4 72.6#

89 1.5 62.3 93.5#

182 0.0 2.1 3.1#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.298 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF129943.D

Acq: 22 Aug 2022 16:37

Instrument :

BNA_F

ClientSampleId :

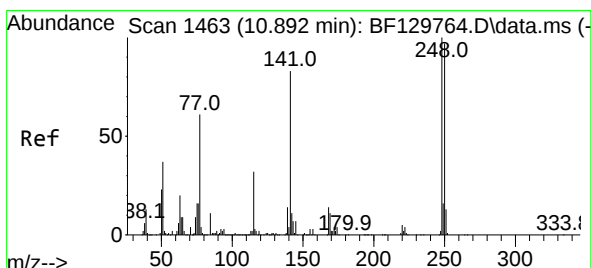
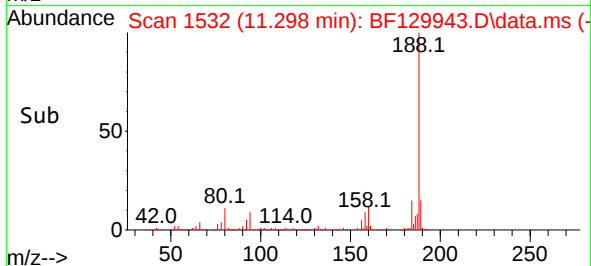
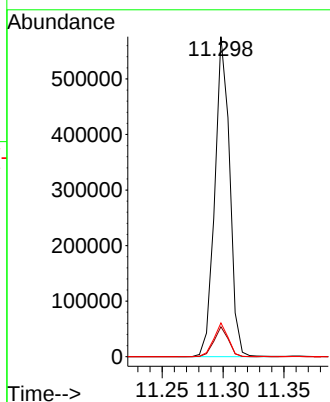
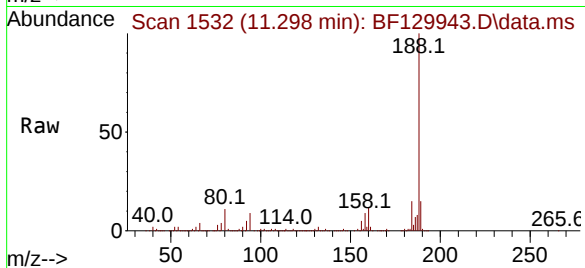
Tgt Ion:188 Resp: 491816

Ion Ratio Lower Upper

188 100

94 9.4 7.4 11.2

80 10.6 7.9 11.9



#67

4-Bromophenyl-phenylether

Concen: 4.527 ng

RT: 10.610 min Scan# 1415

Delta R.T. -0.235 min

Lab File: BF129943.D

Acq: 22 Aug 2022 16:37

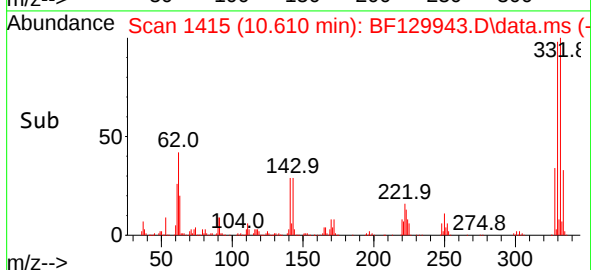
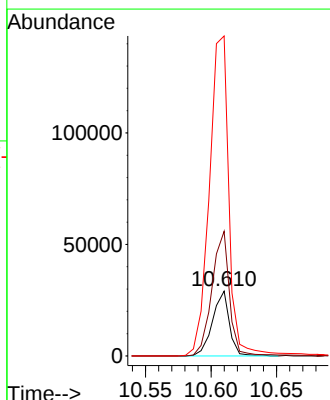
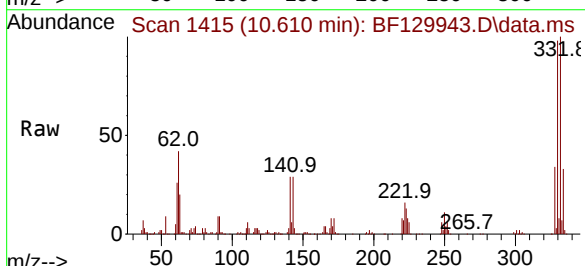
Tgt Ion:248 Resp: 26077

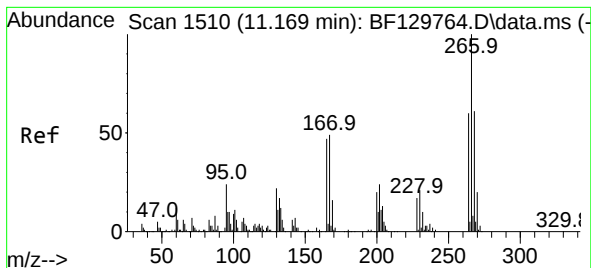
Ion Ratio Lower Upper

248 100

250 192.1 77.8 116.6#

141 493.3 66.2 99.2#





#70

Pentachlorophenol

Concen: 5.262 ng

RT: 11.104 min Scan# 14

Delta R.T. -0.017 min

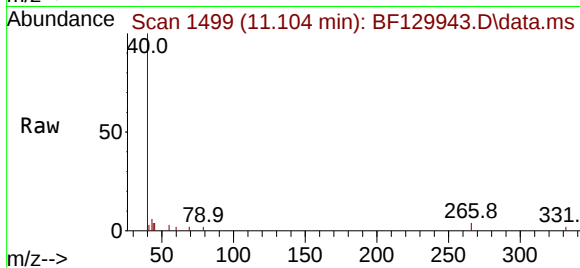
Lab File: BF129943.D

Acq: 22 Aug 2022 16:37

Instrument :

BNA_F

ClientSampleId :



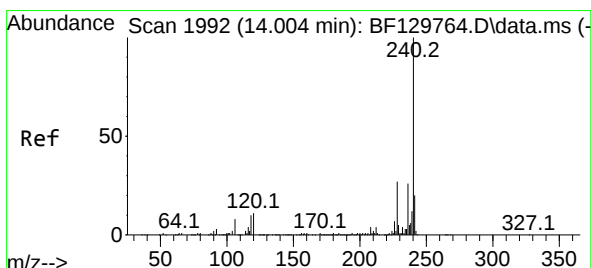
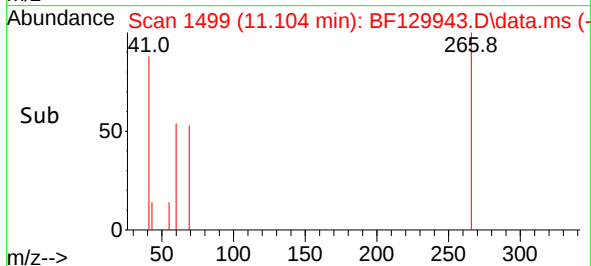
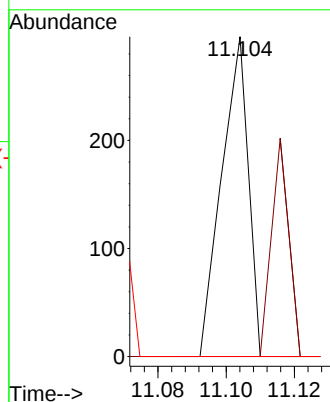
Tgt Ion:266 Resp: 160

Ion Ratio Lower Upper

266 100

268 0.0 49.0 73.4#

264 0.0 47.9 71.9#



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.945 min Scan# 1982

Delta R.T. -0.006 min

Lab File: BF129943.D

Acq: 22 Aug 2022 16:37

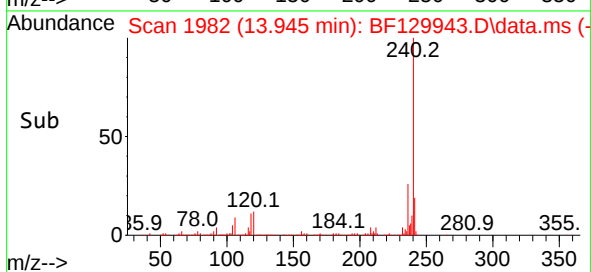
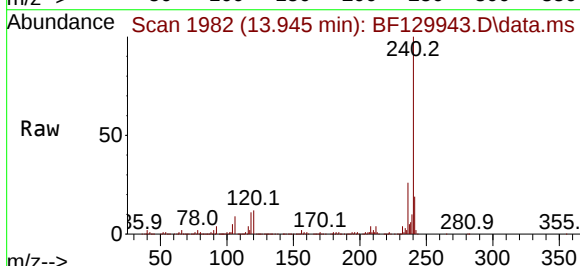
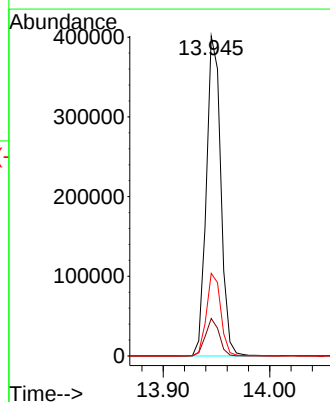
Tgt Ion:240 Resp: 379866

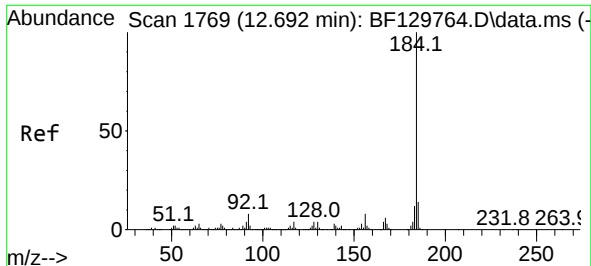
Ion Ratio Lower Upper

240 100

120 11.7 9.2 13.8

236 25.8 20.7 31.1

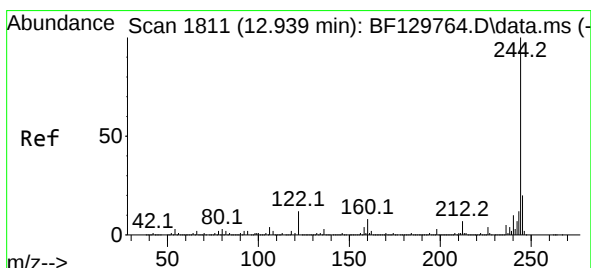
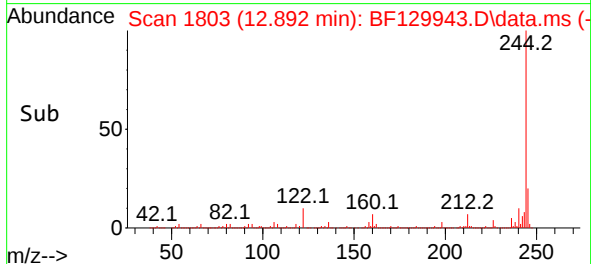
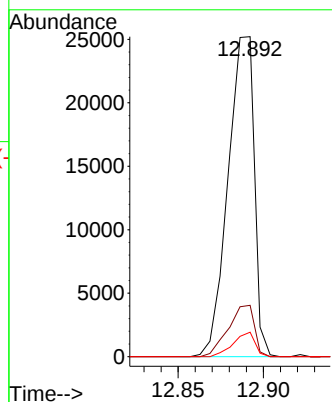
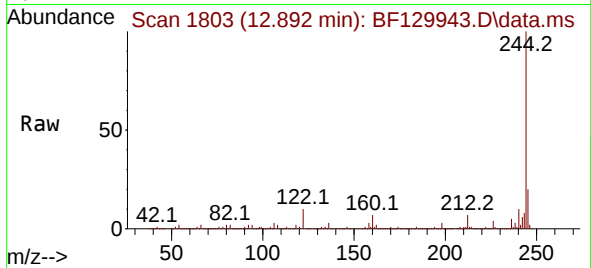




#77
Benzidine
Concen: Below Cal
RT: 12.892 min Scan# 1803
Delta R.T. 0.247 min
Lab File: BF129943.D
Acq: 22 Aug 2022 16:37

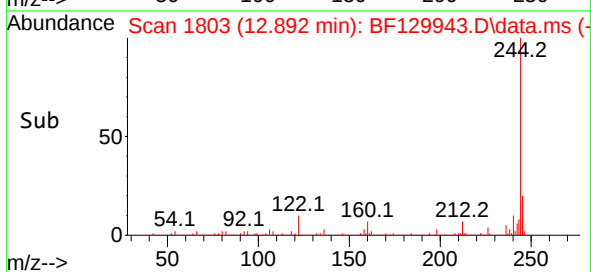
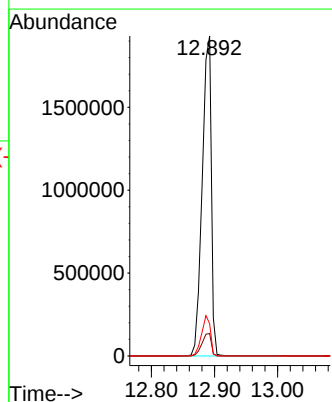
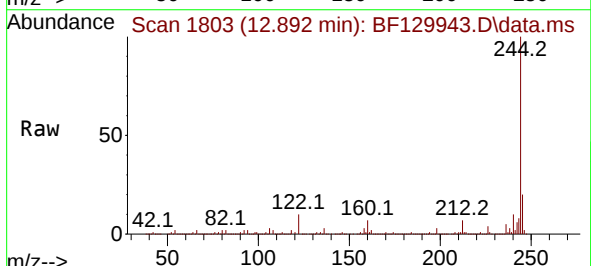
Instrument :
BNA_F
ClientSampleId :

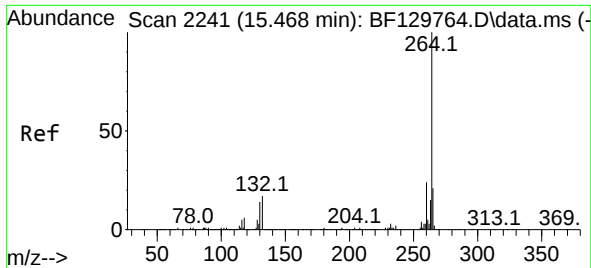
Tgt Ion:184 Resp: 27067
Ion Ratio Lower Upper
184 100
185 16.1 11.4 17.2
183 7.7 9.4 14.2#



#79
Terphenyl-d14
Concen: 84.626 ng
RT: 12.892 min Scan# 1803
Delta R.T. 0.006 min
Lab File: BF129943.D
Acq: 22 Aug 2022 16:37

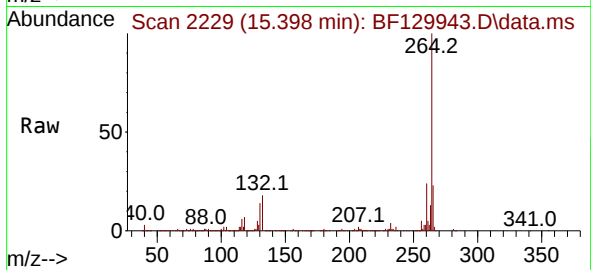
Tgt Ion:244 Resp: 1931966
Ion Ratio Lower Upper
244 100
212 7.0 5.9 8.9
122 10.1 9.9 14.9





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.398 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BF129943.D
 Acq: 22 Aug 2022 16:37

Instrument :
 BNA_F
 ClientSampleId :



Tgt Ion:264 Resp: 309120
 Ion Ratio Lower Upper
 264 100
 260 23.5 19.1 28.7
 265 22.8 16.7 25.1

