

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082322\
 Data File : BF129954.D
 Acq On : 23 Aug 2022 15:25
 Operator : CG\JU
 Sample : N4293-01
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Aug 24 01:54:19 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)

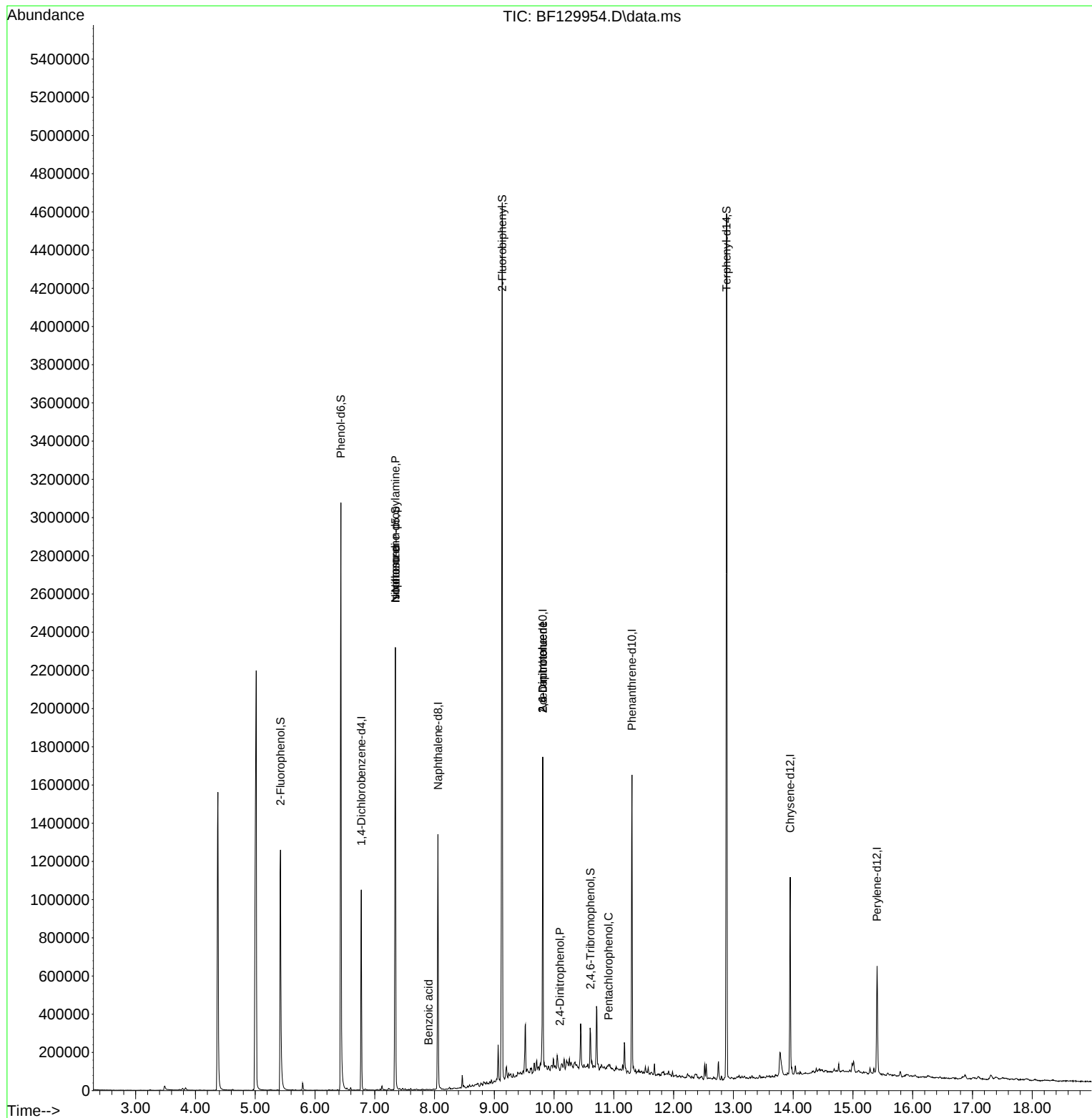
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.775	152	149701	20.000	ng	0.00
21) Naphthalene-d8	8.057	136	610187	20.000	ng	0.00
39) Acenaphthene-d10	9.810	164	327540	20.000	ng	0.00
64) Phenanthrene-d10	11.304	188	545157	20.000	ng	0.00
76) Chrysene-d12	13.951	240	330976	20.000	ng	0.00
86) Perylene-d12	15.404	264	248704	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.422	112	402085	44.471	ng	0.01
7) Phenol-d6	6.434	99	1001238	88.429	ng	0.00
23) Nitrobenzene-d5	7.345	82	782296	68.631	ng	0.00
42) 2,4,6-Tribromophenol	10.610	330	24240	7.374	ng	0.00
45) 2-Fluorobiphenyl	9.133	172	1501174	69.610	ng	0.00
79) Terphenyl-d14	12.886	244	1523974	76.616	ng	0.00
Target Compounds						
9) Benzaldehyde	6.386	77	199	Below Cal	Qvalue #	37
19) n-Nitroso-di-n-propyla...	7.345	70	104610	14.617	ng #	80
25) Isophorone	7.345	82	782212	39.871	ng #	65
32) Benzoic acid	7.898	122	55	2.168	ng #	27
51) 2,6-Dinitrotoluene	9.810	165	42513	8.347	ng #	23
54) 2,4-Dinitrophenol	10.098	184	67	5.499	ng #	21
57) 2,4-Dinitrotoluene	9.810	165	42513	6.430	ng #	18
70) Pentachlorophenol	10.910	266	76	5.216	ng #	20
77) Benzidine	12.886	184	22843	Below Cal	#	93

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

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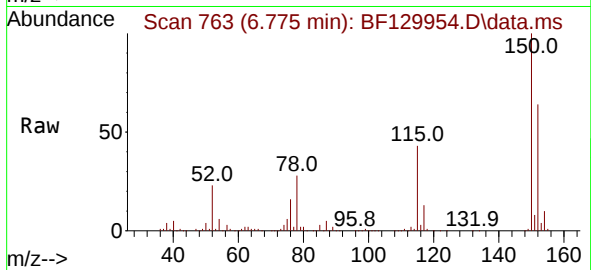
Quant Time: Aug 24 01:54:19 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 23 04:41:40 2022
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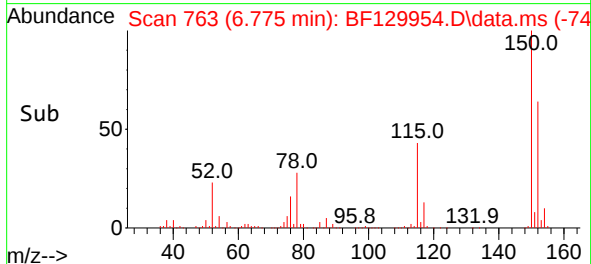
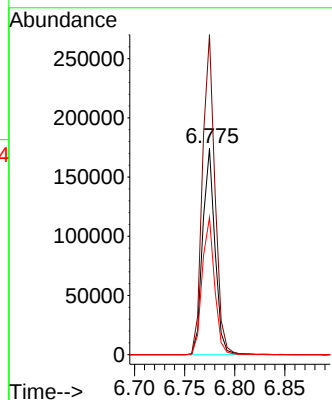


#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.775 min Scan# 70
 Delta R.T. -0.000 min
 Lab File: BF129954.D
 Acq: 23 Aug 2022 15:25

Instrument :
 BNA_F
 ClientSampleId :

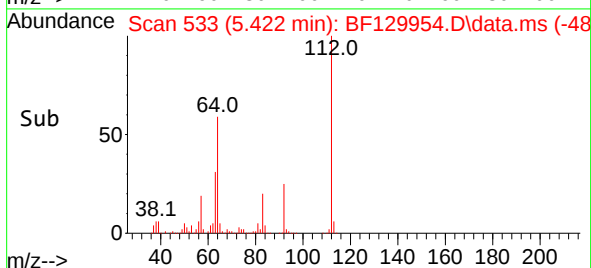
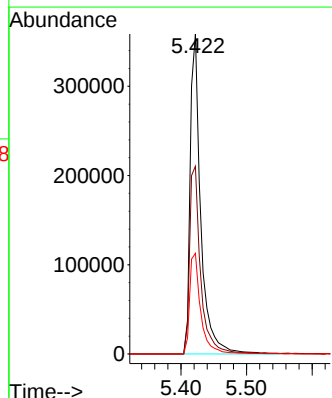
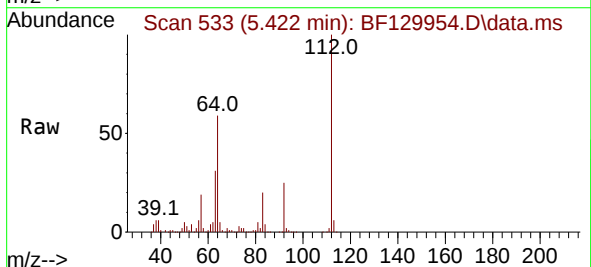


Tgt Ion:152 Resp: 149701
 Ion Ratio Lower Upper
 152 100
 150 155.1 126.9 190.3
 115 66.6 53.4 80.0



#5
 2-Fluorophenol
 Concen: 44.471 ng
 RT: 5.422 min Scan# 533
 Delta R.T. 0.012 min
 Lab File: BF129954.D
 Acq: 23 Aug 2022 15:25

Tgt Ion:112 Resp: 402085
 Ion Ratio Lower Upper
 112 100
 64 58.7 47.6 71.4
 63 31.5 24.6 37.0





#7

Phenol-d6

Concen: 88.429 ng

RT: 6.434 min Scan# 70

Delta R.T. -0.000 min

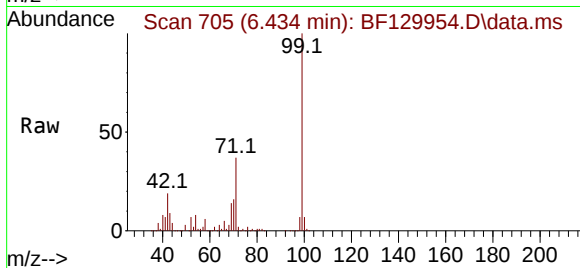
Lab File: BF129954.D

Acq: 23 Aug 2022 15:25

Instrument :

BNA_F

ClientSampleId :



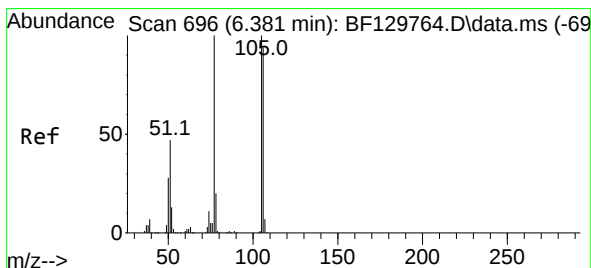
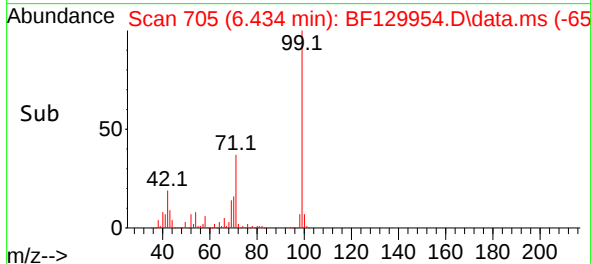
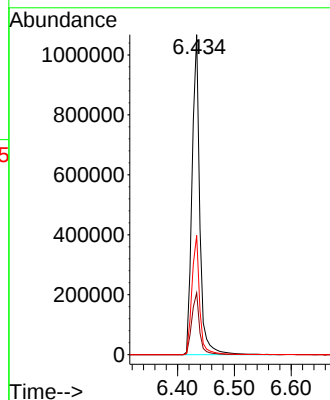
Tgt Ion: 99 Resp: 1001238

Ion Ratio Lower Upper

99 100

42 19.3 15.0 22.4

71 37.2 28.8 43.2



#9

Benzaldehyde

Concen: Below Cal

RT: 6.386 min Scan# 697

Delta R.T. 0.053 min

Lab File: BF129954.D

Acq: 23 Aug 2022 15:25

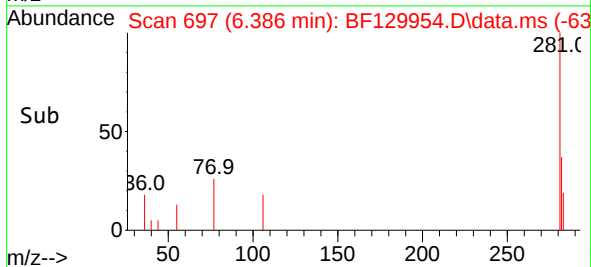
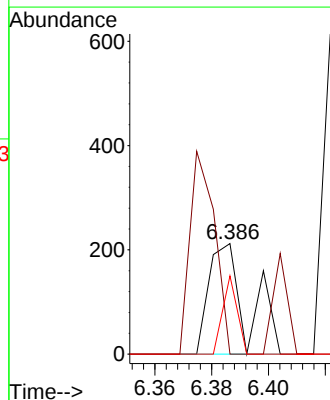
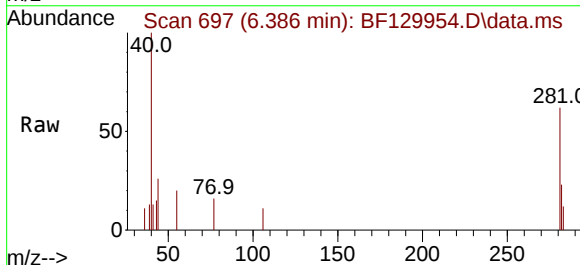
Tgt Ion: 77 Resp: 199

Ion Ratio Lower Upper

77 100

105 0.0 80.3 120.3#

106 70.8 74.3 114.3#

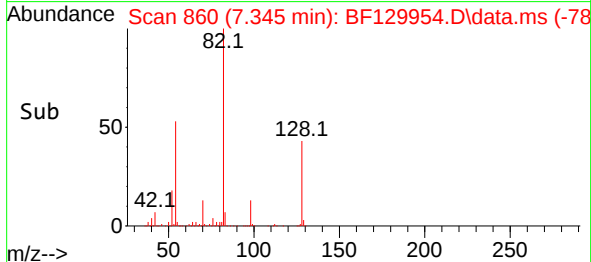
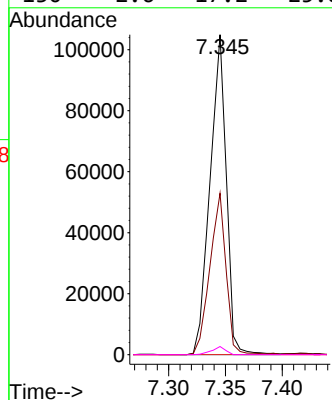
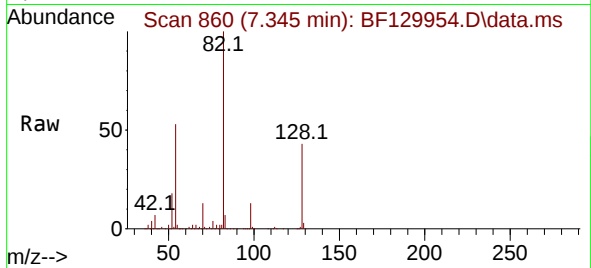




#19
n-Nitroso-di-n-propylamine
Concen: 14.617 ng
RT: 7.345 min Scan# 80
Delta R.T. 0.147 min
Lab File: BF129954.D
Acq: 23 Aug 2022 15:25

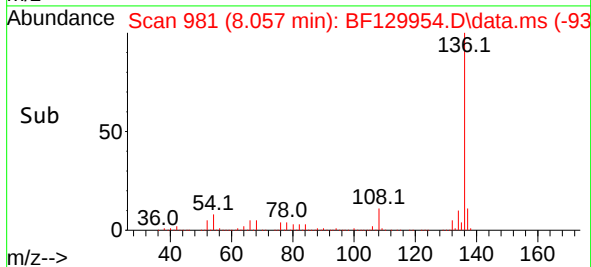
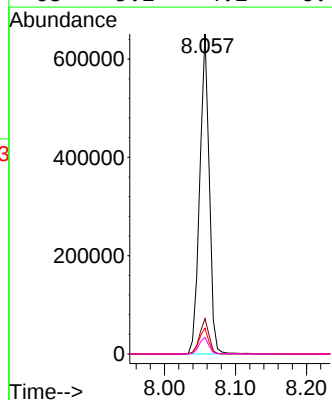
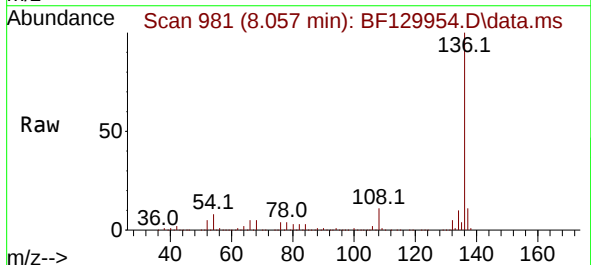
Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 70 Resp: 104610
Ion Ratio Lower Upper
70 100
42 50.4 47.6 71.4
101 0.0 8.1 12.1#
130 2.6 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: BF129954.D
Acq: 23 Aug 2022 15:25

Tgt Ion: 136 Resp: 610187
Ion Ratio Lower Upper
136 100
137 11.1 8.4 12.6
54 8.1 6.2 9.2
68 5.2 4.2 6.4

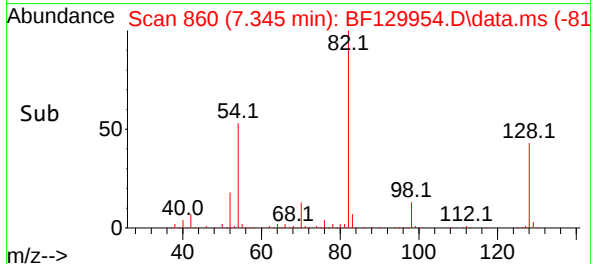
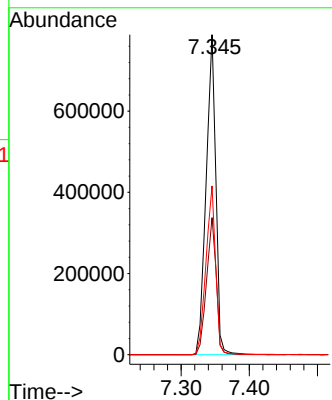
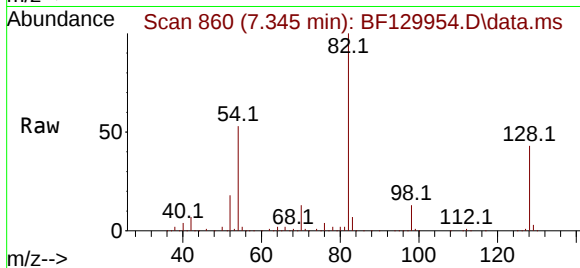




#23
Nitrobenzene-d5
Concen: 68.631 ng
RT: 7.345 min Scan# 80
Delta R.T. -0.006 min
Lab File: BF129954.D
Acq: 23 Aug 2022 15:25

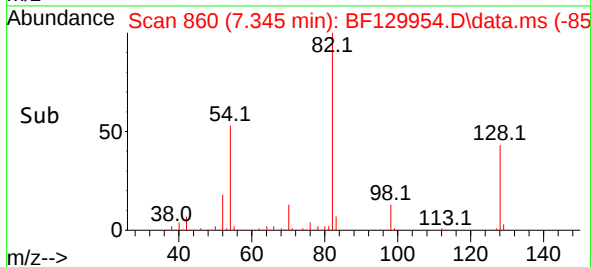
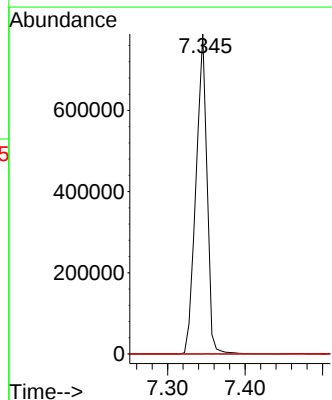
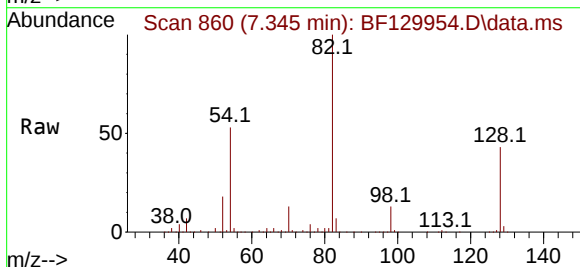
Instrument :
BNA_F
ClientSampleId :

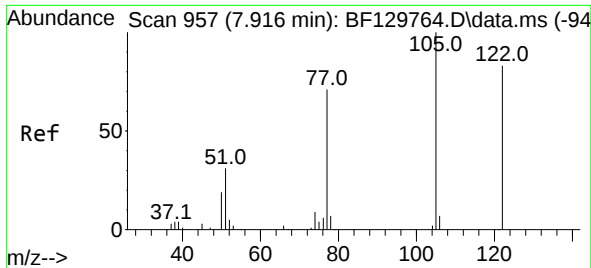
Tgt Ion: 82 Resp: 782296
Ion Ratio Lower Upper
82 100
128 42.8 36.1 54.1
54 52.8 40.0 60.0



#25
Isophorone
Concen: 39.871 ng
RT: 7.345 min Scan# 860
Delta R.T. -0.259 min
Lab File: BF129954.D
Acq: 23 Aug 2022 15:25

Tgt Ion: 82 Resp: 782212
Ion Ratio Lower Upper
82 100
95 0.0 5.9 8.9#
138 0.0 14.6 21.8#

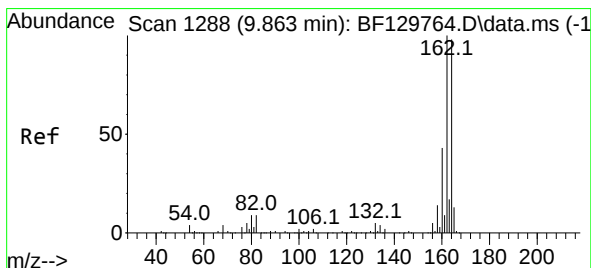
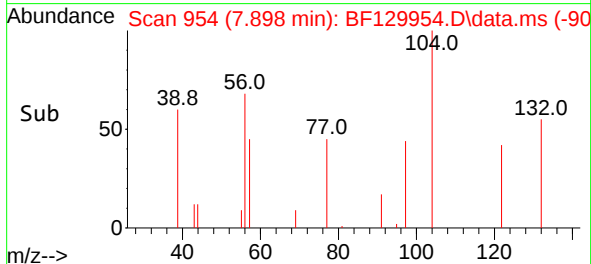
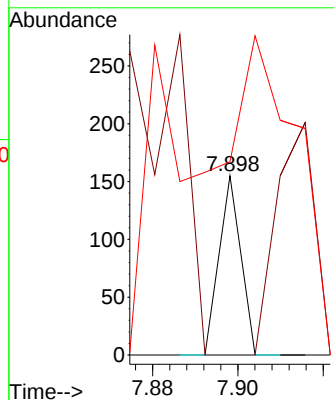
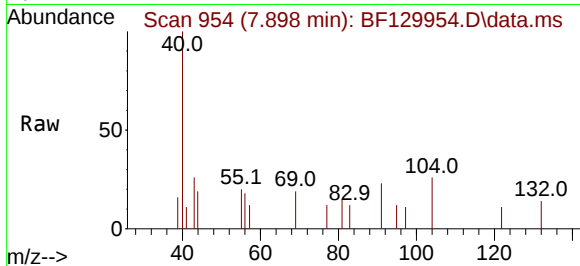




#32
Benzoic acid
Concen: 2.168 ng
RT: 7.898 min Scan# 91
Delta R.T. 0.018 min
Lab File: BF129954.D
Acq: 23 Aug 2022 15:25

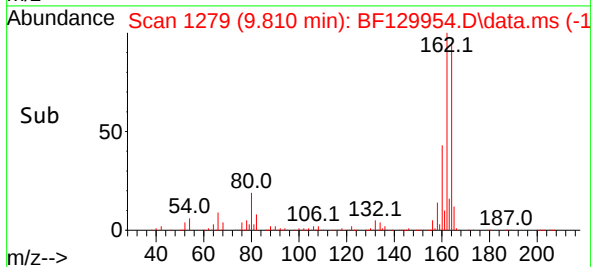
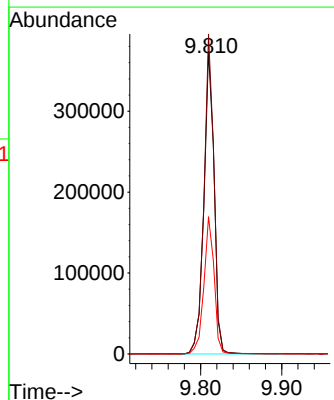
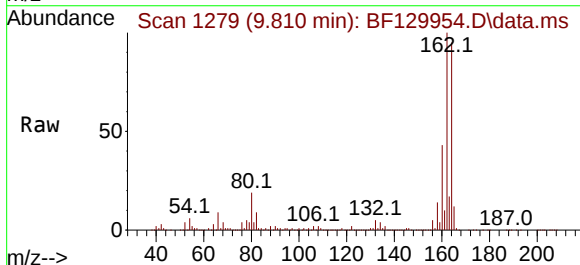
Instrument :
BNA_F
ClientSampleId :

Tgt Ion:122 Resp: 55
Ion Ratio Lower Upper
122 100
105 0.0 99.9 139.9#
77 107.7 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: BF129954.D
Acq: 23 Aug 2022 15:25

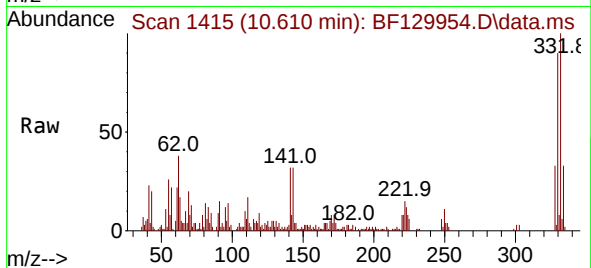
Tgt Ion:164 Resp: 327540
Ion Ratio Lower Upper
164 100
162 105.7 82.0 123.0
160 45.4 35.4 53.0



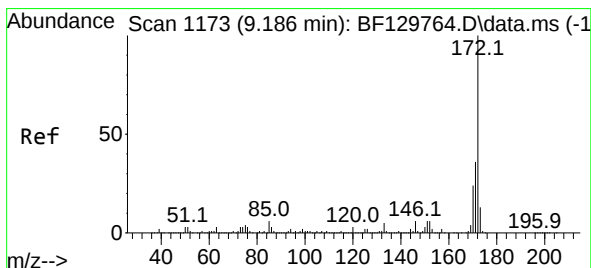
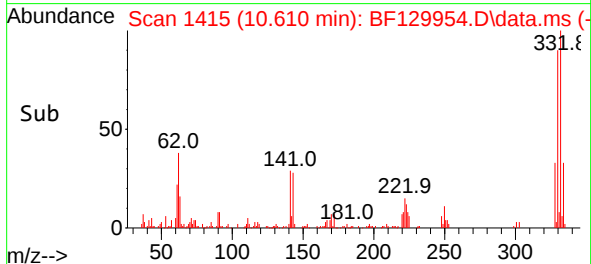
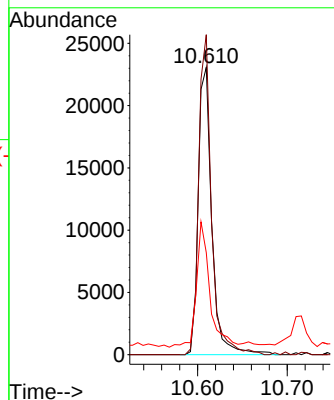


#42
2,4,6-Tribromophenol
Concen: 7.374 ng
RT: 10.610 min Scan# 1424
Delta R.T. -0.000 min
Lab File: BF129954.D
Acq: 23 Aug 2022 15:25

Instrument :
BNA_F
ClientSampleId :

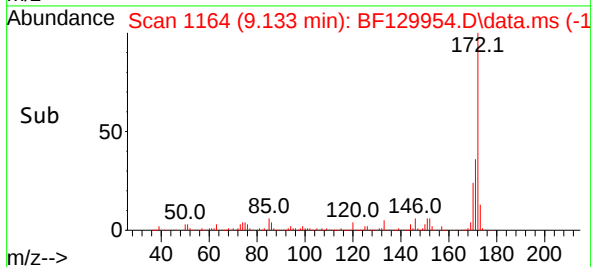
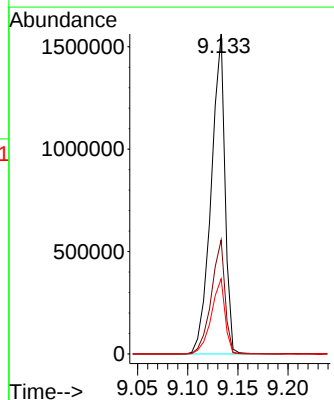
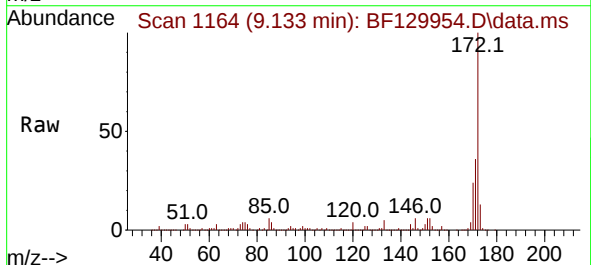


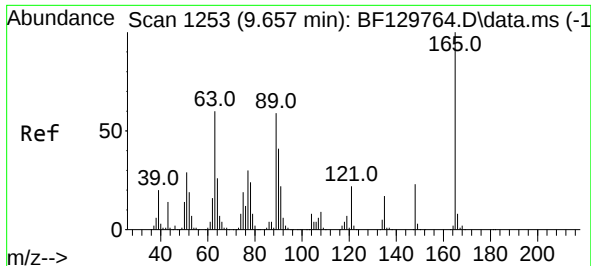
Tgt Ion:330 Resp: 24240
Ion Ratio Lower Upper
330 100
332 104.8 82.6 124.0
141 42.8 27.6 41.4#



#45
2-Fluorobiphenyl
Concen: 69.610 ng
RT: 9.133 min Scan# 1164
Delta R.T. -0.000 min
Lab File: BF129954.D
Acq: 23 Aug 2022 15:25

Tgt Ion:172 Resp: 1501174
Ion Ratio Lower Upper
172 100
171 35.6 28.4 42.6
170 23.5 19.1 28.7

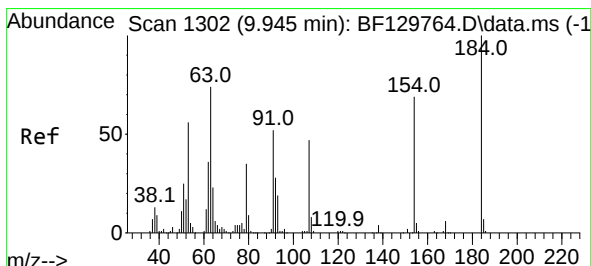
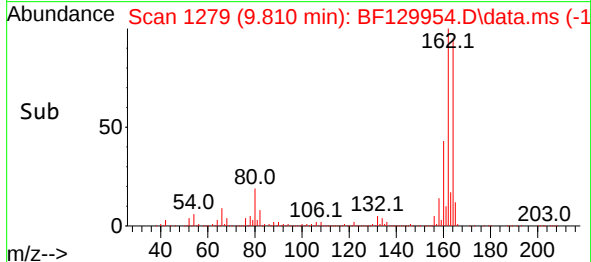
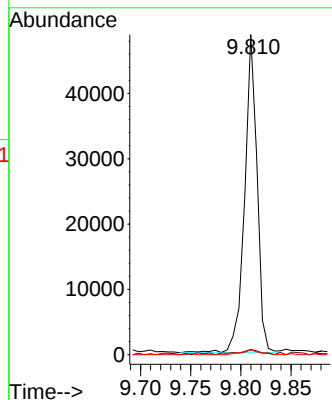
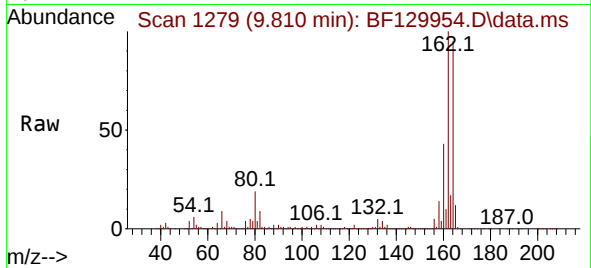




#51
2,6-Dinitrotoluene
Concen: 8.347 ng
RT: 9.810 min Scan# 11
Delta R.T. 0.194 min
Lab File: BF129954.D
Acq: 23 Aug 2022 15:25

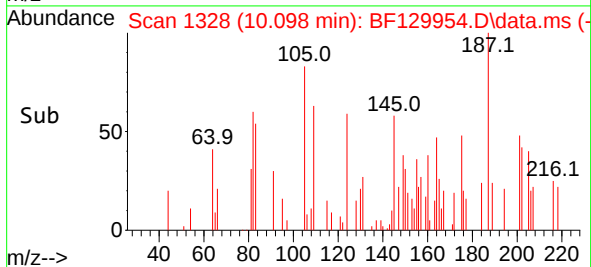
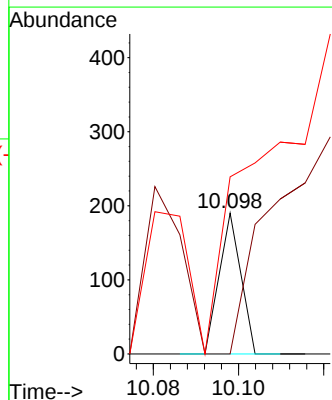
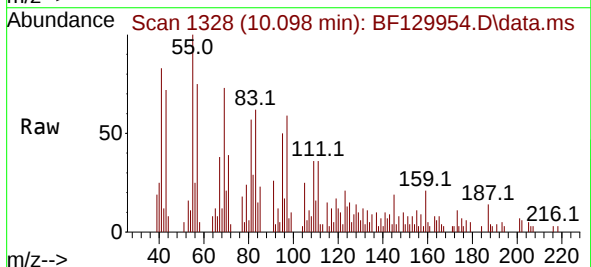
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BNA_F
ClientSampleId :

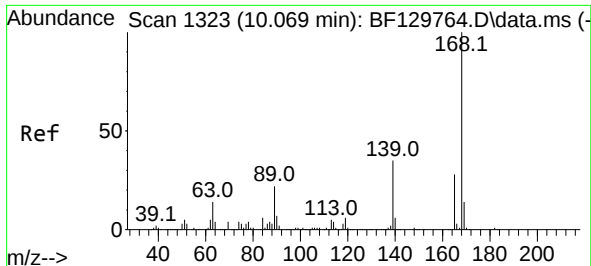
Tgt Ion:165 Resp: 42513
Ion Ratio Lower Upper
165 100
63 1.7 47.8 71.8#
89 1.4 47.2 70.8#



#54
2,4-Dinitrophenol
Concen: 5.499 ng
RT: 10.098 min Scan# 1328
Delta R.T. 0.194 min
Lab File: BF129954.D
Acq: 23 Aug 2022 15:25

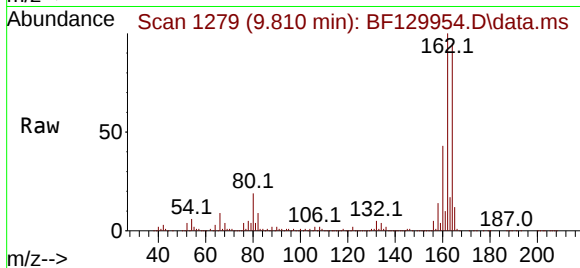
Tgt Ion:184 Resp: 67
Ion Ratio Lower Upper
184 100
63 0.0 59.6 89.4#
154 125.8 55.3 82.9#



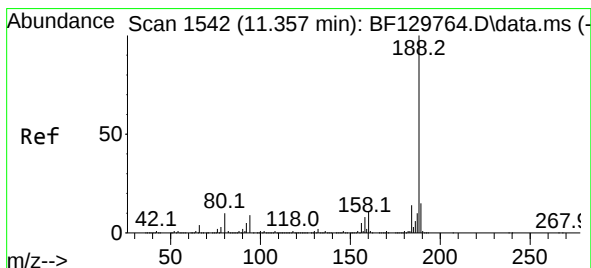
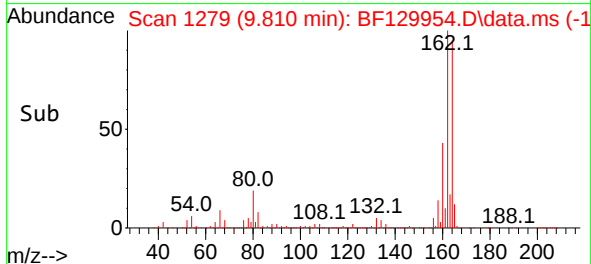
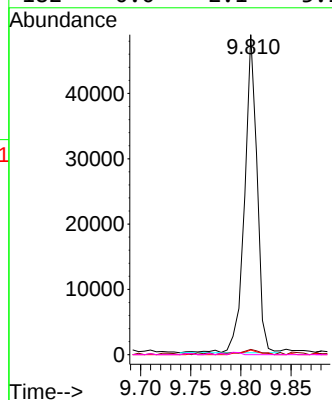


#57
2,4-Dinitrotoluene
Concen: 6.430 ng
RT: 9.810 min Scan# 11
Delta R.T. -0.212 min
Lab File: BF129954.D
Acq: 23 Aug 2022 15:25

Instrument :
BNA_F
ClientSampleId :

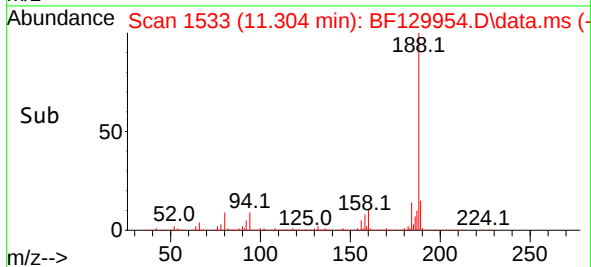
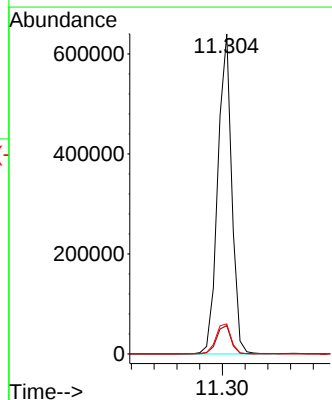
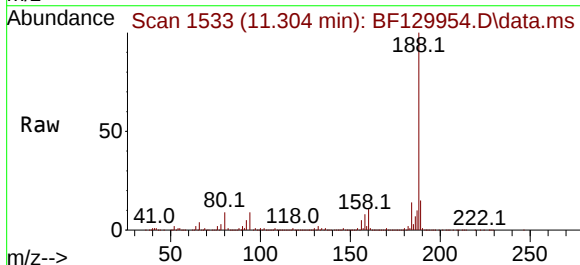


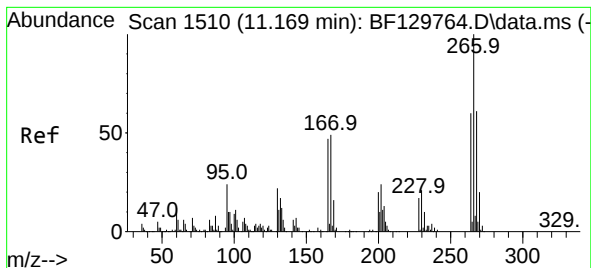
Tgt Ion:165 Resp: 42513
Ion Ratio Lower Upper
165 100
63 1.7 48.4 72.6#
89 1.4 62.3 93.5#
182 0.0 2.1 3.1#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.304 min Scan# 1533
Delta R.T. -0.000 min
Lab File: BF129954.D
Acq: 23 Aug 2022 15:25

Tgt Ion:188 Resp: 545157
Ion Ratio Lower Upper
188 100
94 8.8 7.4 11.2
80 9.4 7.9 11.9





#70

Pentachlorophenol

Concen: 5.216 ng

RT: 10.910 min Scan# 14

Delta R.T. -0.212 min

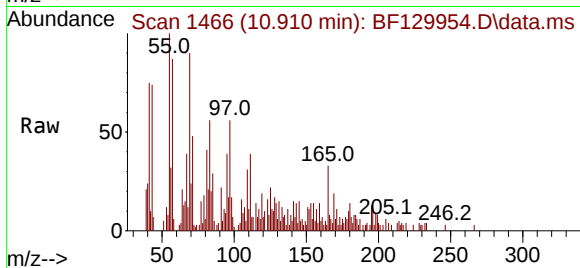
Lab File: BF129954.D

Acq: 23 Aug 2022 15:25

Instrument :

BNA_F

ClientSampleId :



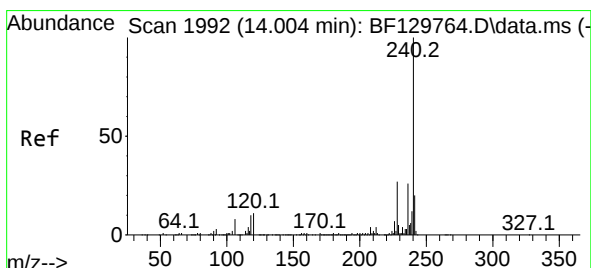
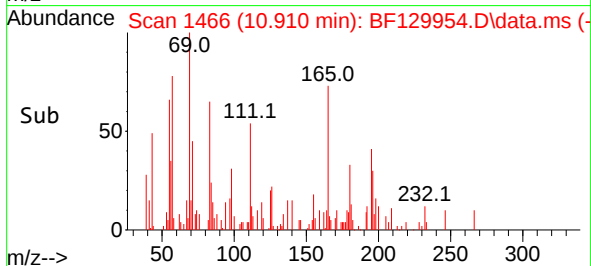
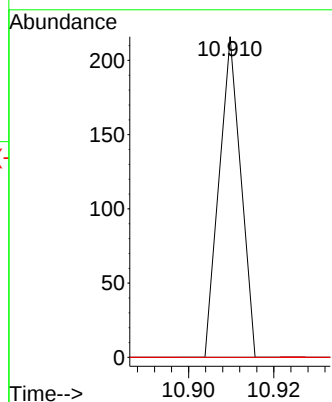
Tgt Ion:266 Resp: 76

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: 13.951 min Scan# 1983

Delta R.T. -0.000 min

Lab File: BF129954.D

Acq: 23 Aug 2022 15:25

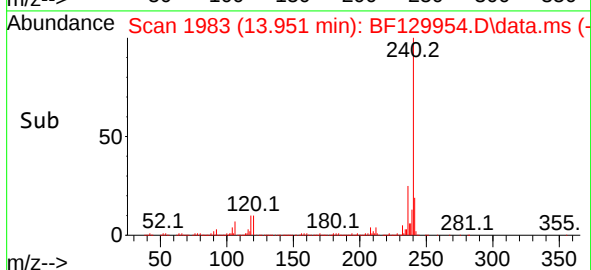
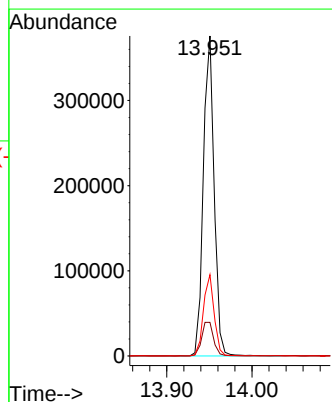
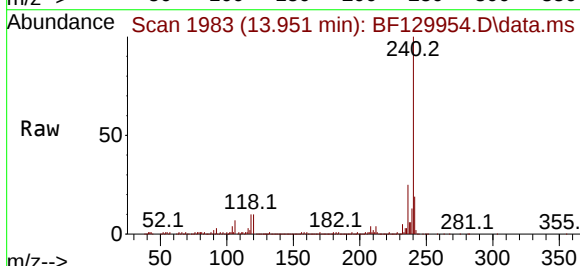
Tgt Ion:240 Resp: 330976

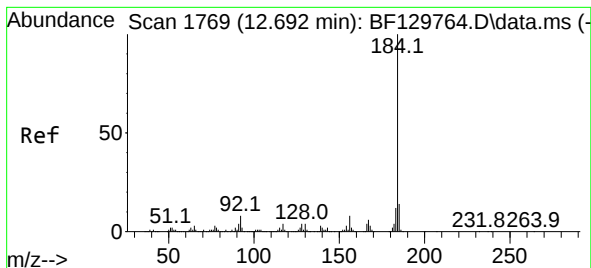
Ion Ratio Lower Upper

240 100

120 10.5 9.2 13.8

236 25.4 20.7 31.1





#77

Benzidine

Concen: Below Cal

RT: 12.886 min Scan# 1802

Delta R.T. 0.241 min

Lab File: BF129954.D

Acq: 23 Aug 2022 15:25

Instrument :

BNA_F

ClientSampleId :

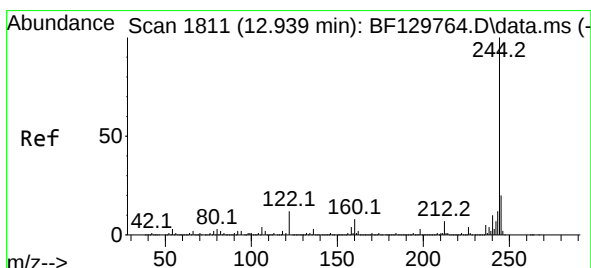
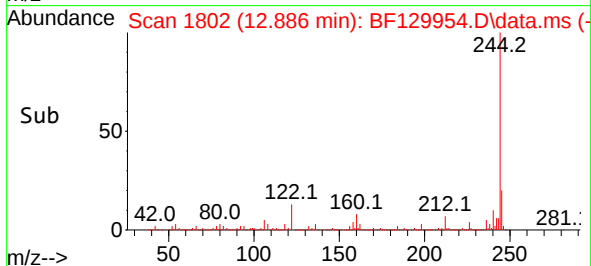
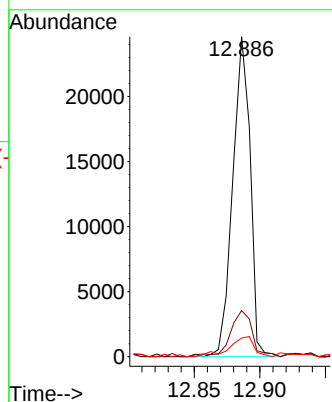
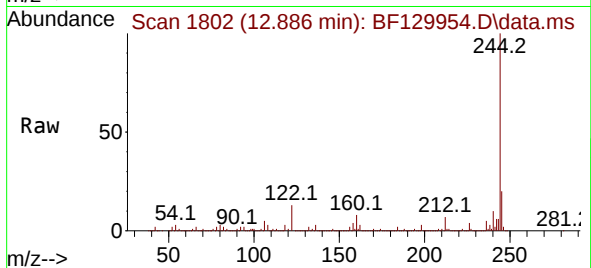
Tgt Ion:184 Resp: 22843

Ion Ratio Lower Upper

184 100

185 14.4 11.4 17.2

183 5.8 9.4 14.2#



#79

Terphenyl-d14

Concen: 76.616 ng

RT: 12.886 min Scan# 1802

Delta R.T. -0.000 min

Lab File: BF129954.D

Acq: 23 Aug 2022 15:25

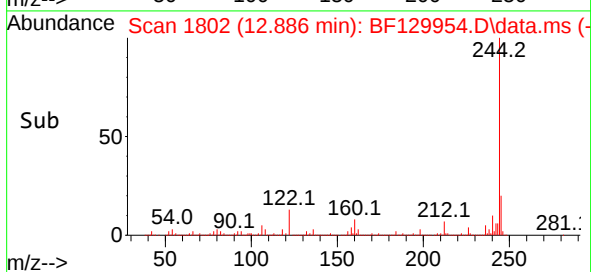
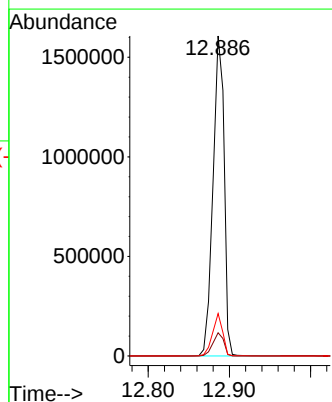
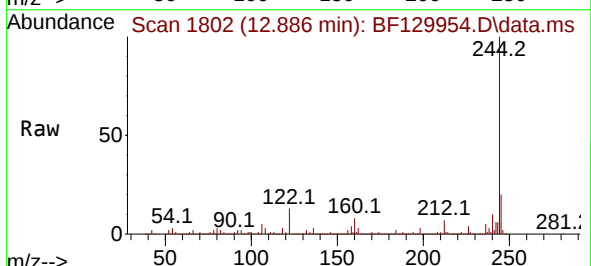
Tgt Ion:244 Resp: 1523974

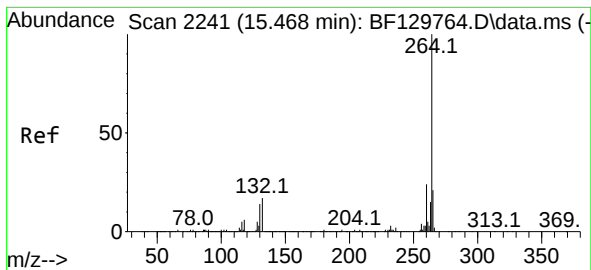
Ion Ratio Lower Upper

244 100

212 7.3 5.9 8.9

122 13.2 9.9 14.9





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.404 min Scan# 21

Delta R.T. 0.006 min

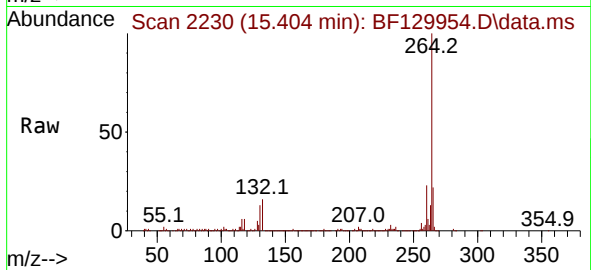
Lab File: BF129954.D

Acq: 23 Aug 2022 15:25

Instrument :

BNA_F

ClientSampleId :



Tgt Ion:264 Resp: 248704

Ion Ratio Lower Upper

264 100

260 22.8 19.1 28.7

265 21.7 16.7 25.1

