

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081722\
 Data File : BF129857.D
 Acq On : 17 Aug 2022 22:19
 Operator : CG\JU
 Sample : N4188-20
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S7

Quant Time: Aug 18 05:38:06 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 18 05:28:24 2022
 Response via : Initial Calibration

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

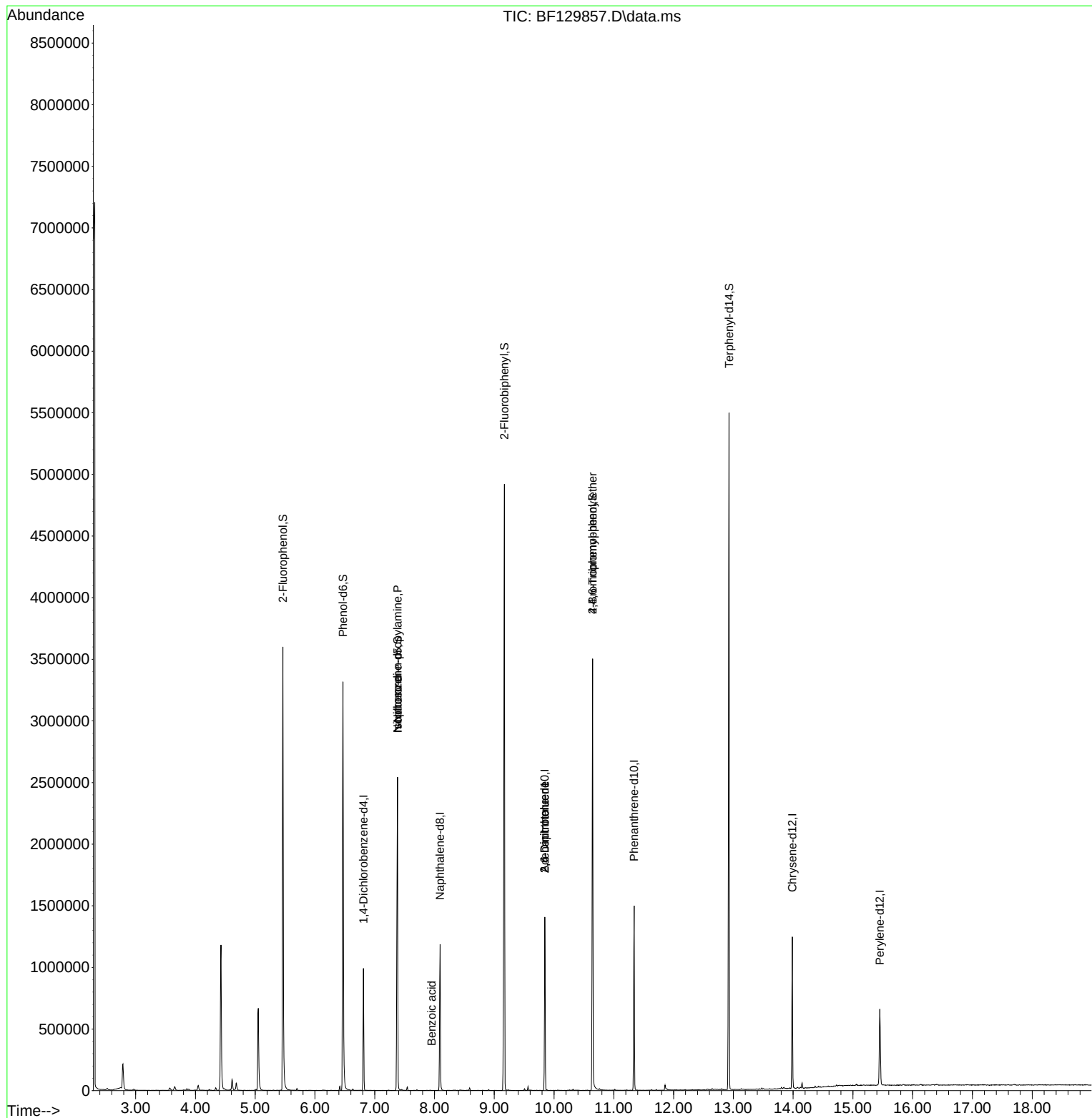
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.810	152	130776	20.000	ng	0.00
21) Naphthalene-d8	8.092	136	522825	20.000	ng	0.00
39) Acenaphthene-d10	9.845	164	283287	20.000	ng	0.00
64) Phenanthrene-d10	11.339	188	496334	20.000	ng	0.00
76) Chrysene-d12	13.986	240	367471	20.000	ng	0.00
86) Perylene-d12	15.451	264	268666	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.463	112	998450	126.410	ng	0.01
7) Phenol-d6	6.469	99	1137232	114.974	ng	0.00
23) Nitrobenzene-d5	7.381	82	865806	88.650	ng	0.00
42) 2,4,6-Tribromophenol	10.645	330	416806	146.597	ng	0.00
45) 2-Fluorobiphenyl	9.169	172	1591958	85.351	ng	0.00
79) Terphenyl-d14	12.927	244	1796800	81.360	ng	0.00
Target Compounds						
9) Benzaldehyde	6.404	77	119	Below Cal	Qvalue #	35
19) n-Nitroso-di-n-propyla...	7.381	70	117042	18.720 ng	#	75
25) Isophorone	7.381	82	865797	51.505 ng	#	65
32) Benzoic acid	7.951	122	60	2.174 ng	#	59
51) 2,6-Dinitrotoluene	9.845	165	35760	8.118 ng	#	23
57) 2,4-Dinitrotoluene	9.845	165	35760	6.253 ng	#	18
67) 4-Bromophenyl-phenylether	10.645	248	25323	4.356 ng	#	1
77) Benzidine	12.927	184	24739	Below Cal	#	91

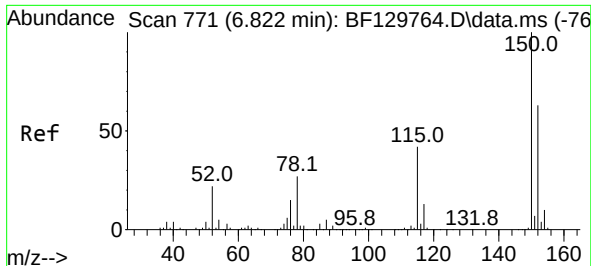
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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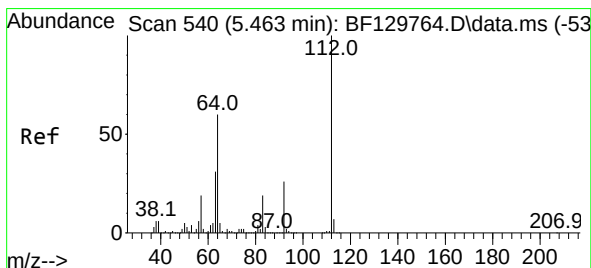
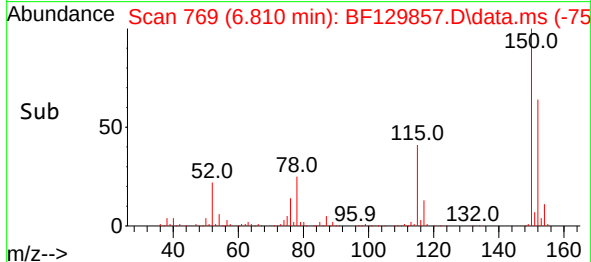
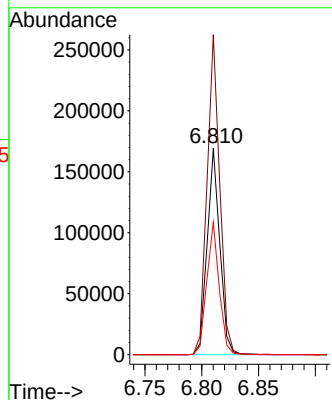
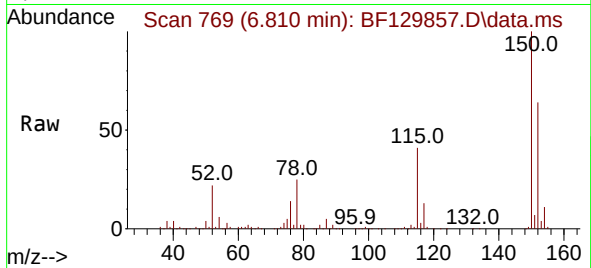




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.810 min Scan# 771
Delta R.T. 0.000 min
Lab File: BF129857.D
Acq: 17 Aug 2022 22:19

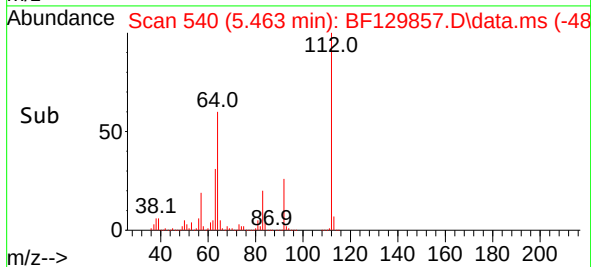
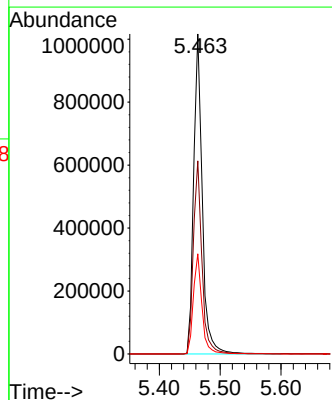
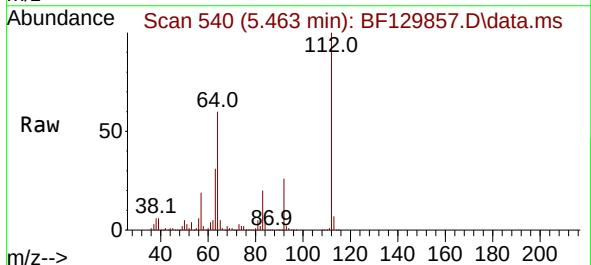
Instrument :
BNA_F
ClientSampleId :
S7

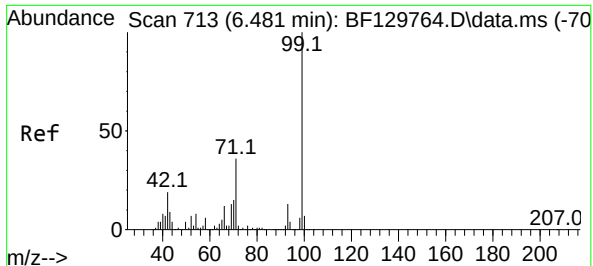
Tgt Ion:152 Resp: 130776
Ion Ratio Lower Upper
152 100
150 155.1 126.9 190.3
115 64.1 53.4 80.0



#5
2-Fluorophenol
Concen: 126.410 ng
RT: 5.463 min Scan# 540
Delta R.T. 0.012 min
Lab File: BF129857.D
Acq: 17 Aug 2022 22:19

Tgt Ion:112 Resp: 998450
Ion Ratio Lower Upper
112 100
64 60.3 47.6 71.4
63 31.3 24.6 37.0

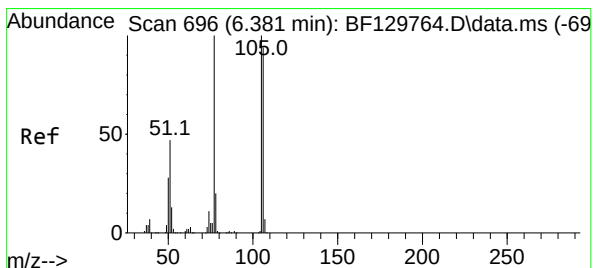
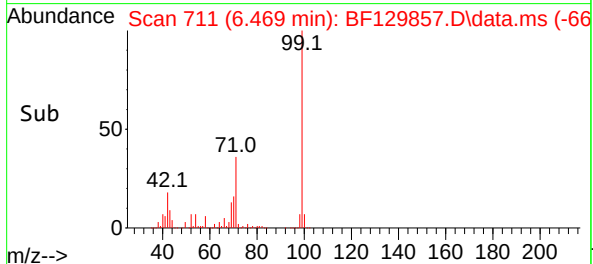
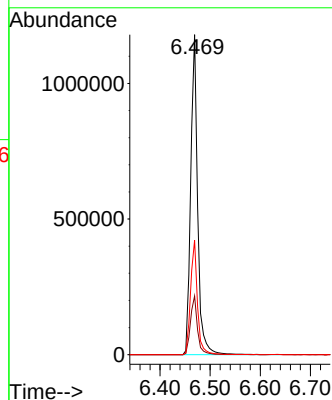
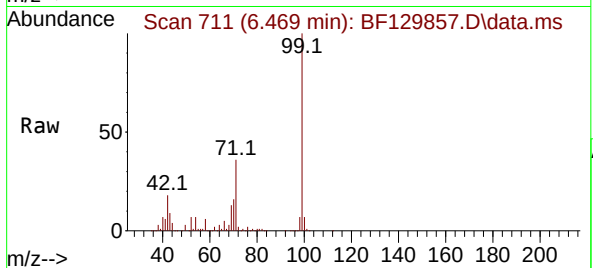




#7
Phenol-d6
Concen: 114.974 ng
RT: 6.469 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF129857.D
Acq: 17 Aug 2022 22:19

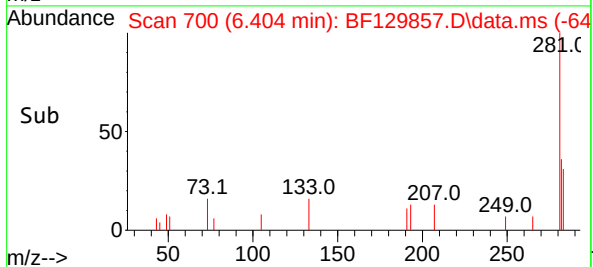
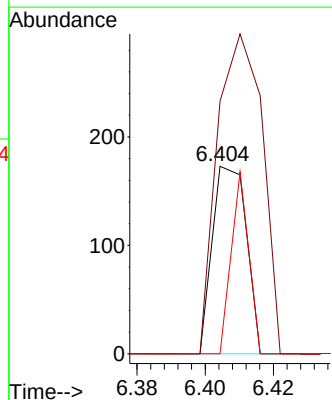
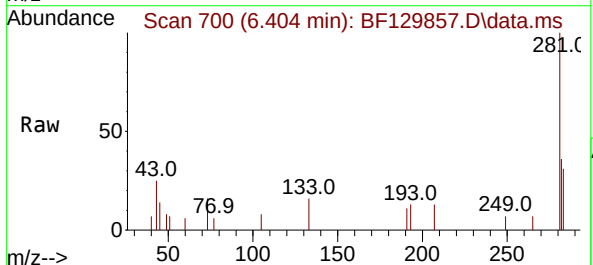
Instrument :
BNA_F
ClientSampleId :
S7

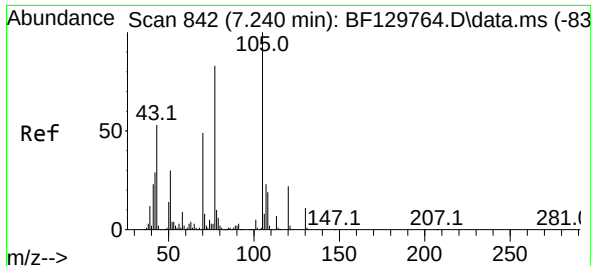
Tgt Ion: 99 Resp: 1137232
Ion Ratio Lower Upper
99 100
42 18.3 15.0 22.4
71 35.8 28.8 43.2



#9
Benzaldehyde
Concen: Below Cal
RT: 6.404 min Scan# 700
Delta R.T. 0.035 min
Lab File: BF129857.D
Acq: 17 Aug 2022 22:19

Tgt Ion: 77 Resp: 119
Ion Ratio Lower Upper
77 100
105 134.7 80.3 120.3#
106 0.0 74.3 114.3#

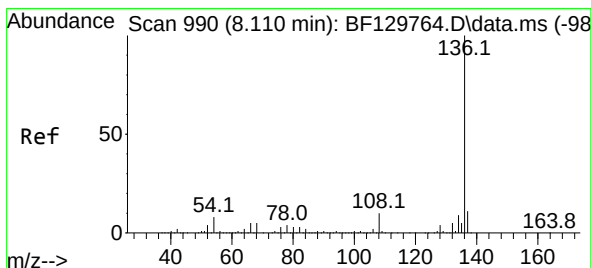
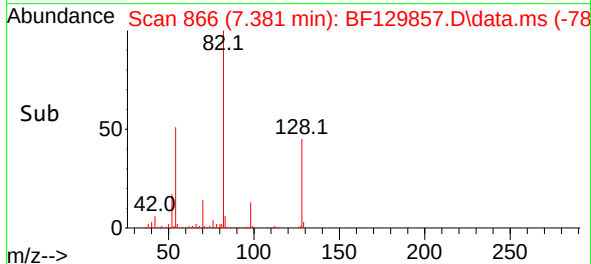
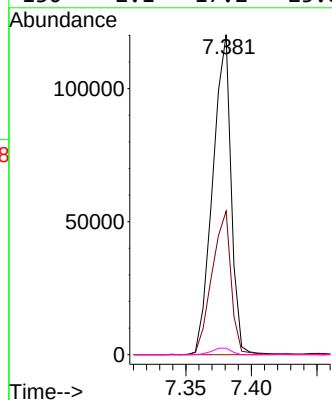
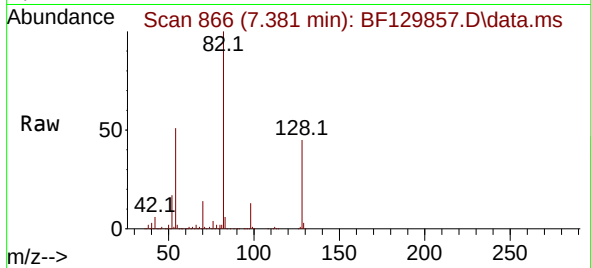




#19
n-Nitroso-di-n-propylamine
Concen: 18.720 ng
RT: 7.381 min Scan# 80
Delta R.T. 0.153 min
Lab File: BF129857.D
Acq: 17 Aug 2022 22:19

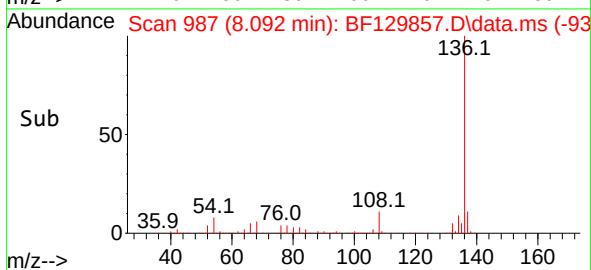
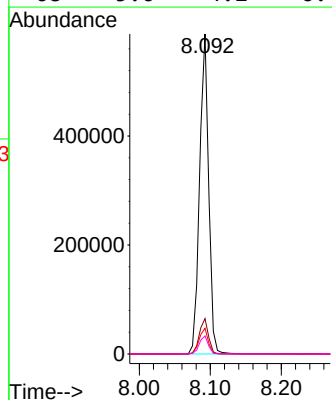
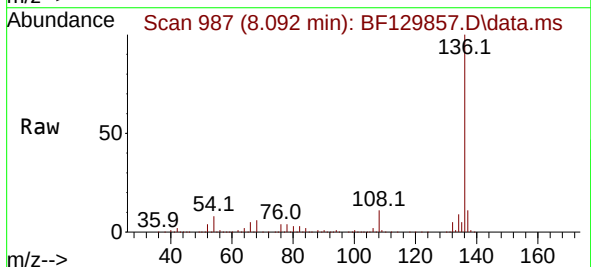
Instrument :
BNA_F
ClientSampleId :
S7

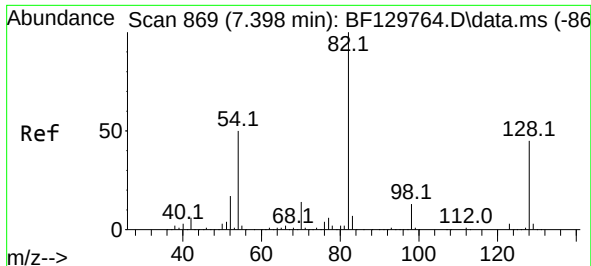
Tgt Ion: 70 Resp: 117042
Ion Ratio Lower Upper
70 100
42 44.8 47.6 71.4#
101 0.0 8.1 12.1#
130 2.1 17.2 25.8#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.092 min Scan# 987
Delta R.T. -0.006 min
Lab File: BF129857.D
Acq: 17 Aug 2022 22:19

Tgt Ion: 136 Resp: 522825
Ion Ratio Lower Upper
136 100
137 11.0 8.4 12.6
54 8.1 6.2 9.2
68 5.6 4.2 6.4

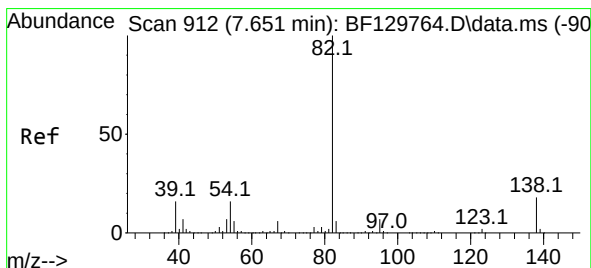
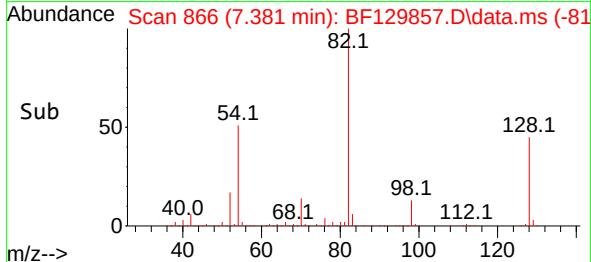
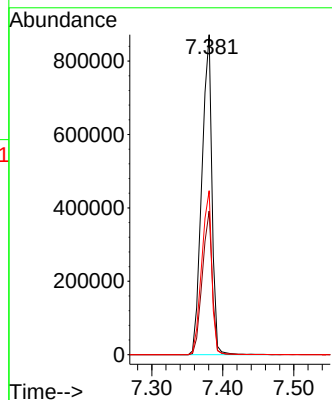
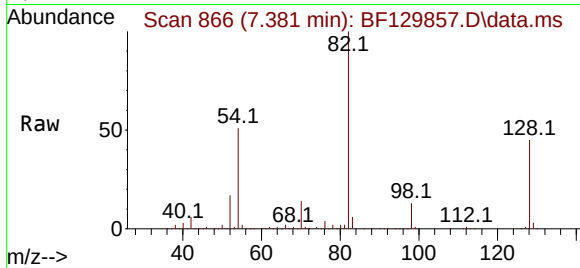




#23
Nitrobenzene-d5
Concen: 88.650 ng
RT: 7.381 min Scan# 866
Delta R.T. -0.006 min
Lab File: BF129857.D
Acq: 17 Aug 2022 22:19

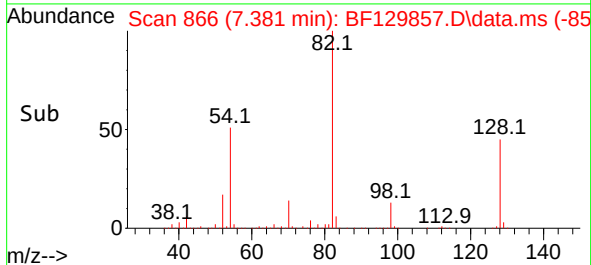
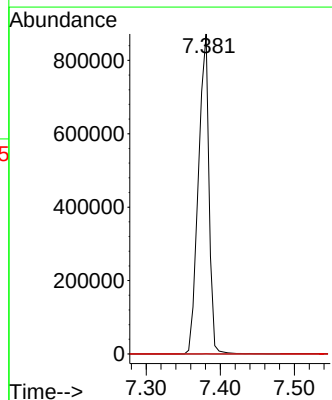
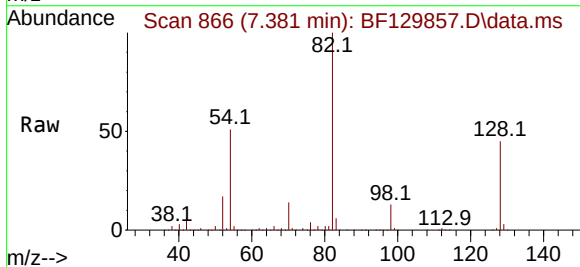
Instrument :
BNA_F
ClientSampleId :
S7

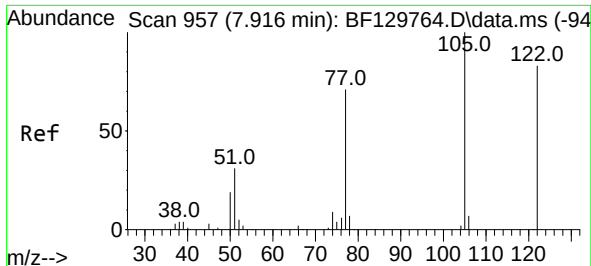
Tgt Ion: 82 Resp: 865806
Ion Ratio Lower Upper
82 100
128 44.9 36.1 54.1
54 51.2 40.0 60.0



#25
Isophorone
Concen: 51.505 ng
RT: 7.381 min Scan# 866
Delta R.T. -0.259 min
Lab File: BF129857.D
Acq: 17 Aug 2022 22:19

Tgt Ion: 82 Resp: 865797
Ion Ratio Lower Upper
82 100
95 0.0 5.9 8.9#
138 0.0 14.6 21.8#

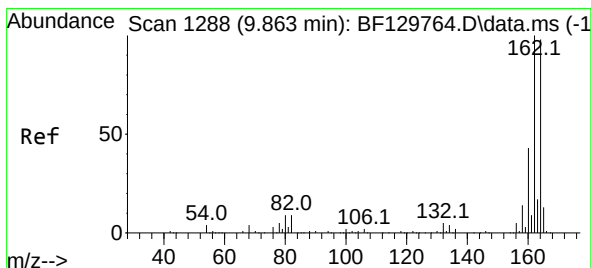
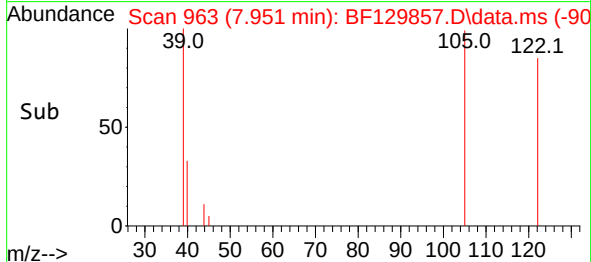
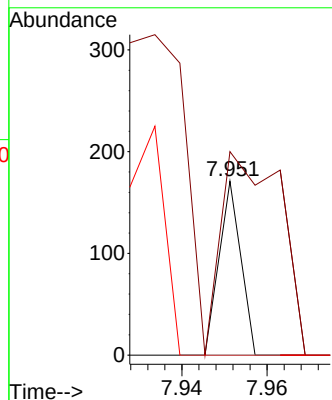
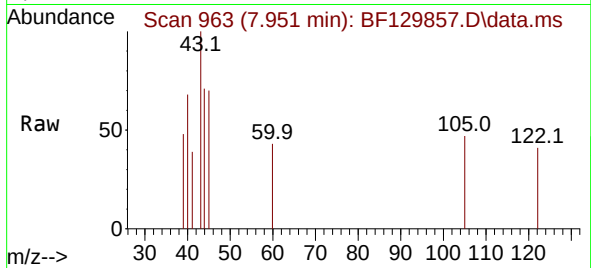




#32
Benzoic acid
Concen: 2.174 ng
RT: 7.951 min Scan# 90
Delta R.T. 0.053 min
Lab File: BF129857.D
Acq: 17 Aug 2022 22:19

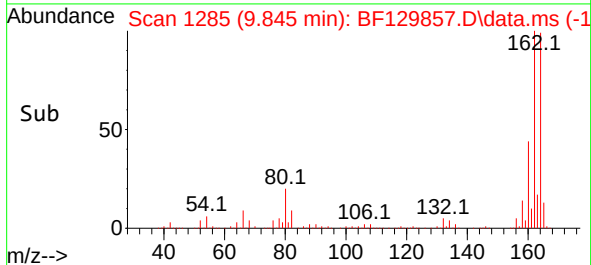
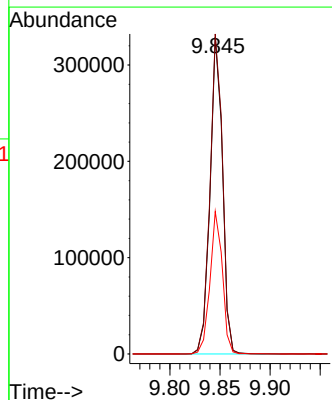
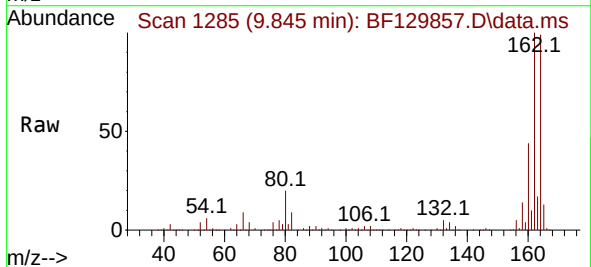
Instrument :
BNA_F
ClientSampleId :
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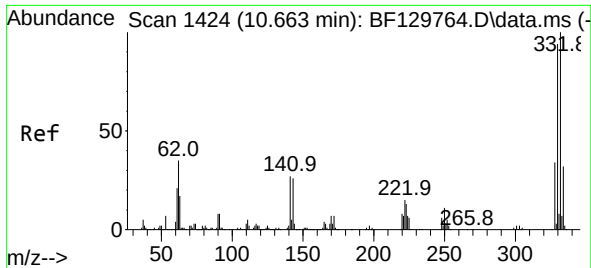
Tgt Ion:122 Resp: 60
Ion Ratio Lower Upper
122 100
105 117.0 99.9 139.9
77 0.0 65.9 105.9#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.845 min Scan# 1285
Delta R.T. -0.006 min
Lab File: BF129857.D
Acq: 17 Aug 2022 22:19

Tgt Ion:164 Resp: 283287
Ion Ratio Lower Upper
164 100
162 101.0 82.0 123.0
160 44.9 35.4 53.0





#42

2,4,6-Tribromophenol

Concen: 146.597 ng

RT: 10.645 min Scan# 1424

Delta R.T. 0.000 min

Lab File: BF129857.D

Acq: 17 Aug 2022 22:19

Instrument :

BNA_F

ClientSampleId :

S7

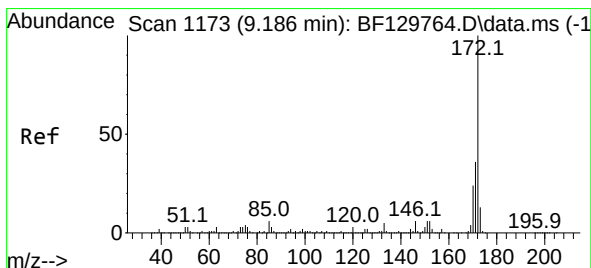
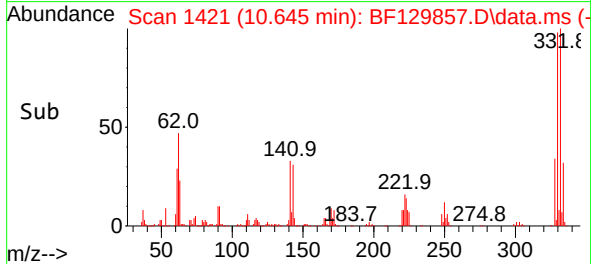
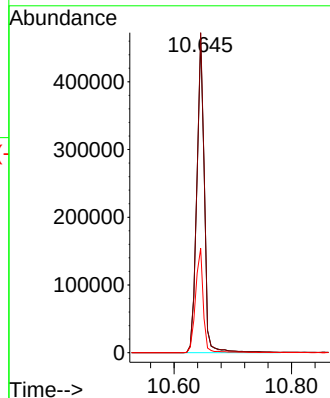
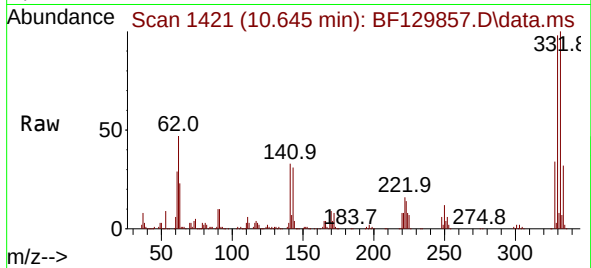
Tgt Ion:330 Resp: 416806

Ion Ratio Lower Upper

330 100

332 101.2 82.6 124.0

141 34.1 27.6 41.4



#45

2-Fluorobiphenyl

Concen: 85.351 ng

RT: 9.169 min Scan# 1170

Delta R.T. 0.000 min

Lab File: BF129857.D

Acq: 17 Aug 2022 22:19

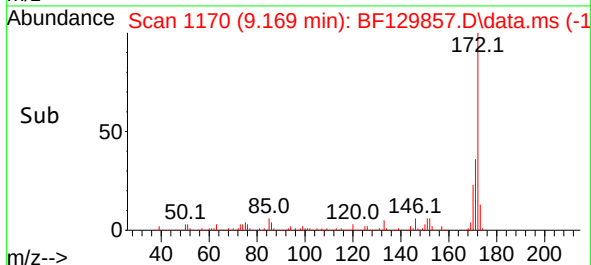
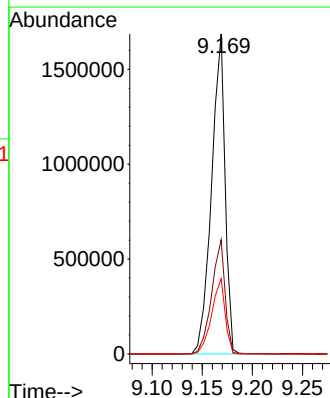
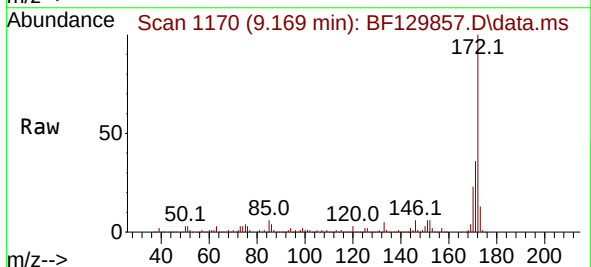
Tgt Ion:172 Resp: 1591958

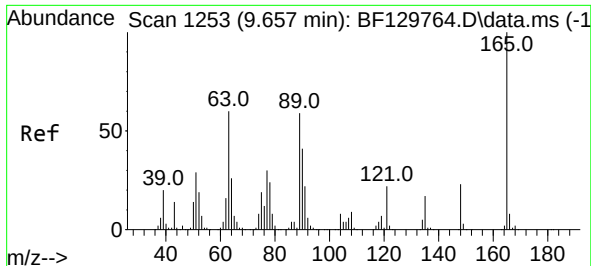
Ion Ratio Lower Upper

172 100

171 35.7 28.4 42.6

170 23.5 19.1 28.7





#51

2,6-Dinitrotoluene

Concen: 8.118 ng

RT: 9.845 min Scan# 1285

Delta R.T. 0.200 min

Lab File: BF129857.D

Acq: 17 Aug 2022 22:19

Instrument :

BNA_F

ClientSampleId :

S7

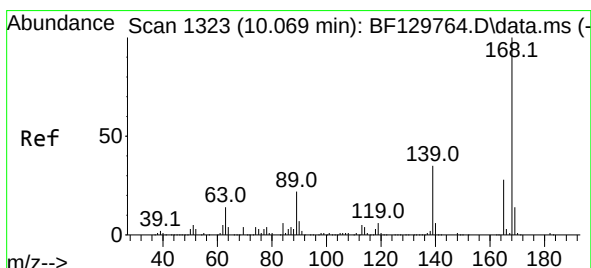
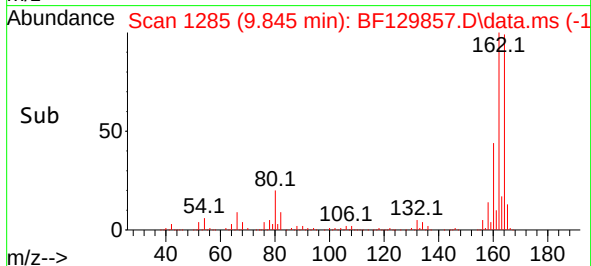
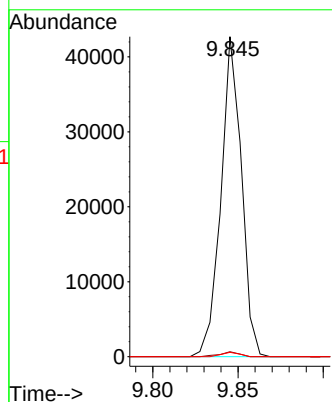
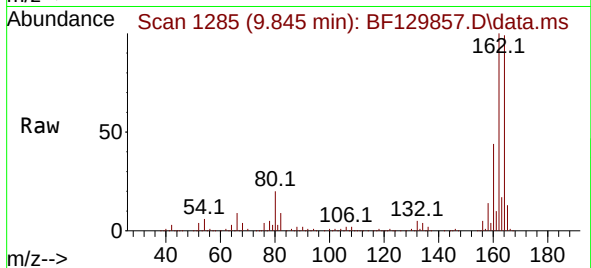
Tgt Ion:165 Resp: 35760

Ion Ratio Lower Upper

165 100

63 1.6 47.8 71.8#

89 1.3 47.2 70.8#



#57

2,4-Dinitrotoluene

Concen: 6.253 ng

RT: 9.845 min Scan# 1285

Delta R.T. -0.212 min

Lab File: BF129857.D

Acq: 17 Aug 2022 22:19

Tgt Ion:165 Resp: 35760

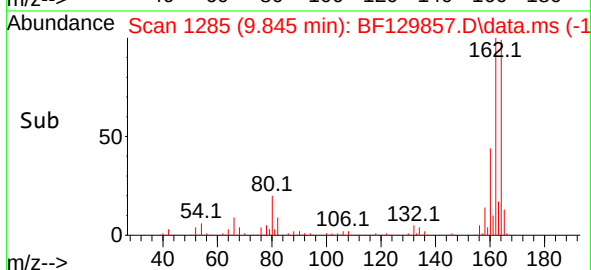
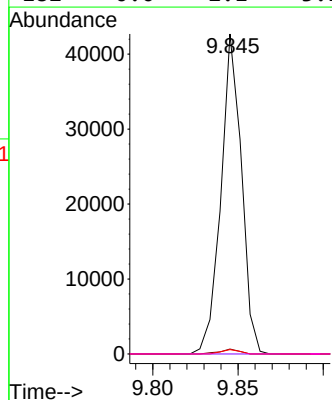
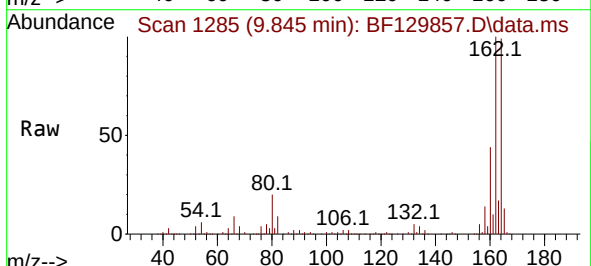
Ion Ratio Lower Upper

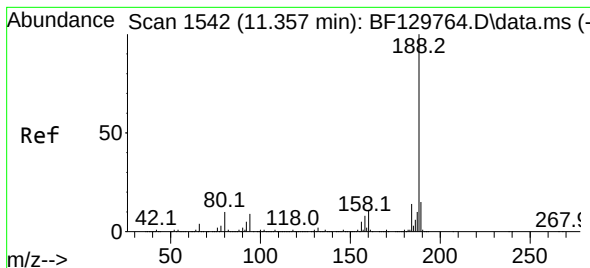
165 100

63 1.6 48.4 72.6#

89 1.3 62.3 93.5#

182 0.0 2.1 3.1#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.339 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF129857.D

Acq: 17 Aug 2022 22:19

Instrument :

BNA_F

ClientSampleId :

S7

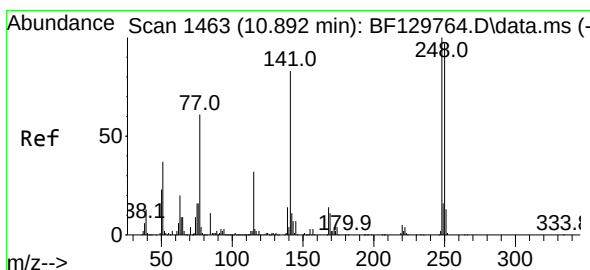
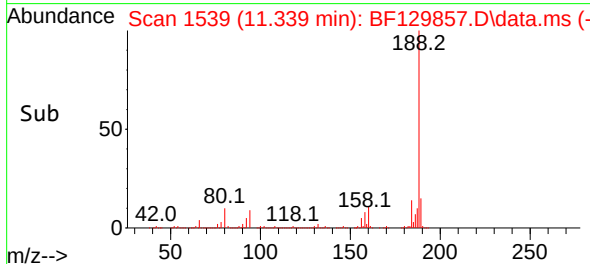
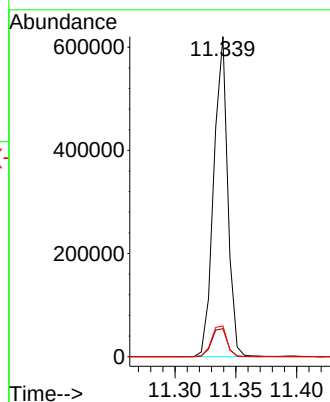
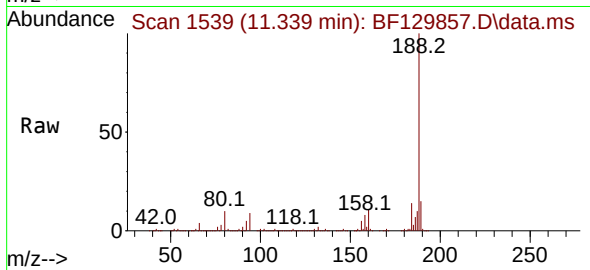
Tgt Ion:188 Resp: 496334

Ion Ratio Lower Upper

188 100

94 8.8 7.4 11.2

80 9.6 7.9 11.9



#67

4-Bromophenyl-phenylether

Concen: 4.356 ng

RT: 10.645 min Scan# 1421

Delta R.T. -0.235 min

Lab File: BF129857.D

Acq: 17 Aug 2022 22:19

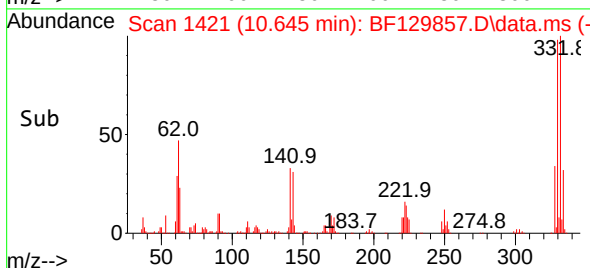
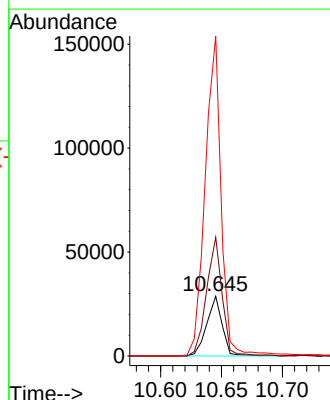
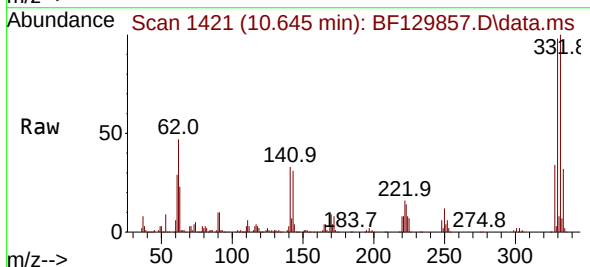
Tgt Ion:248 Resp: 25323

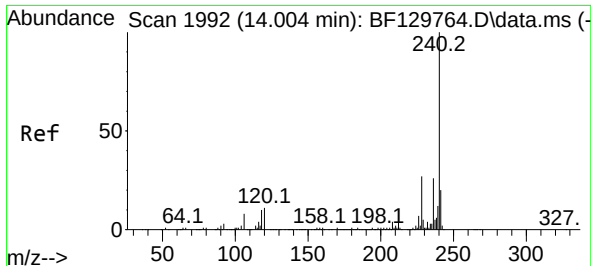
Ion Ratio Lower Upper

248 100

250 199.2 77.8 116.6#

141 536.8 66.2 99.2#

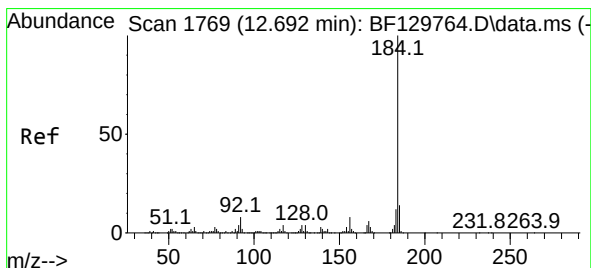
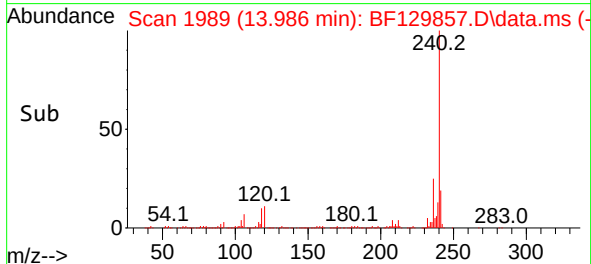
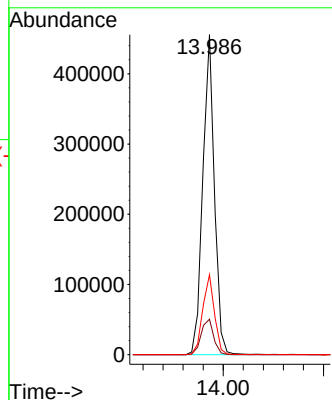
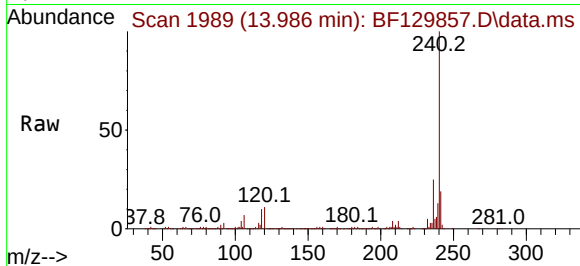




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.986 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF129857.D
Acq: 17 Aug 2022 22:19

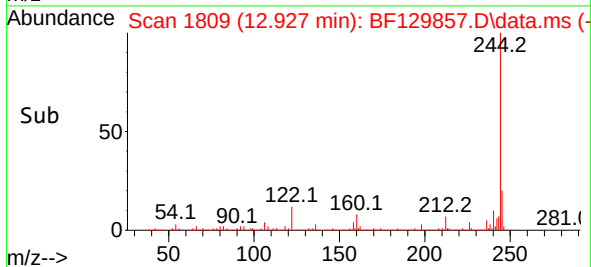
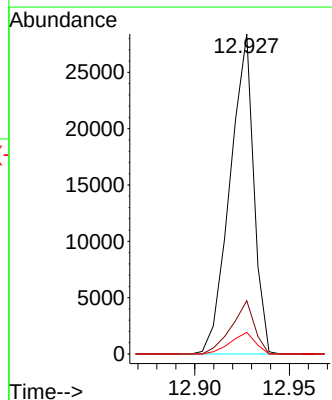
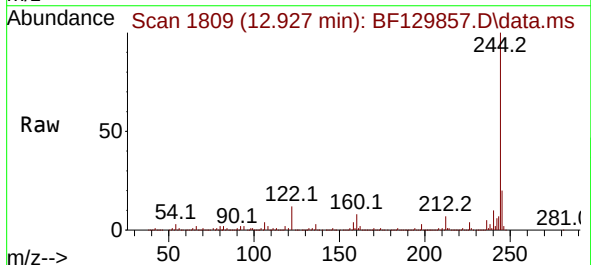
Instrument :
BNA_F
ClientSampleId :
S7

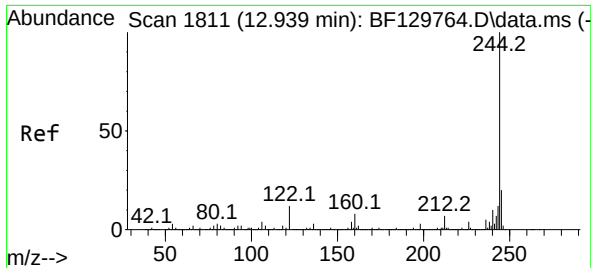
Tgt Ion:240 Resp: 367471
Ion Ratio Lower Upper
240 100
120 11.1 9.2 13.8
236 25.0 20.7 31.1



#77
Benzidine
Concen: Below Cal
RT: 12.927 min Scan# 1809
Delta R.T. 0.247 min
Lab File: BF129857.D
Acq: 17 Aug 2022 22:19

Tgt Ion:184 Resp: 24739
Ion Ratio Lower Upper
184 100
185 16.6 11.4 17.2
183 6.7 9.4 14.2#

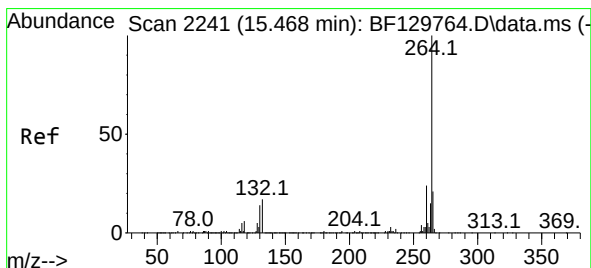
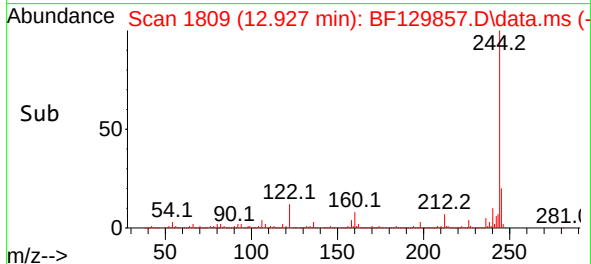
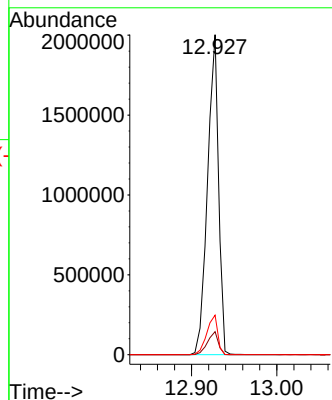
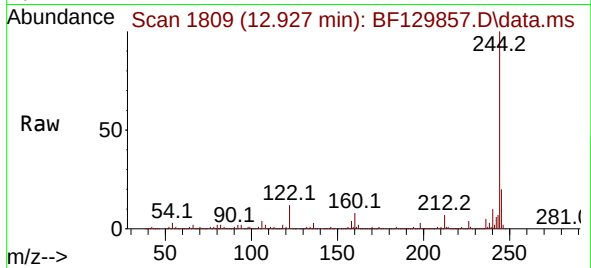




#79
 Terphenyl-d14
 Concen: 81.360 ng
 RT: 12.927 min Scan# 1809
 Delta R.T. -0.000 min
 Lab File: BF129857.D
 Acq: 17 Aug 2022 22:19

Instrument :
 BNA_F
 ClientSampleId :
 S7

Tgt Ion:244 Resp: 1796800
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.9 8.9
 122 12.3 9.9 14.9



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.451 min Scan# 2238
 Delta R.T. -0.006 min
 Lab File: BF129857.D
 Acq: 17 Aug 2022 22:19

Tgt Ion:264 Resp: 268666
 Ion Ratio Lower Upper
 264 100
 260 24.1 19.1 28.7
 265 21.2 16.7 25.1

