

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081922\
 Data File : BF129910.D
 Acq On : 19 Aug 2022 14:07
 Operator : CG\JU
 Sample : N4217-03
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CON-3-0815

Quant Time: Aug 20 07:43:37 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 12:03:10 2022
 Response via : Initial Calibration

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

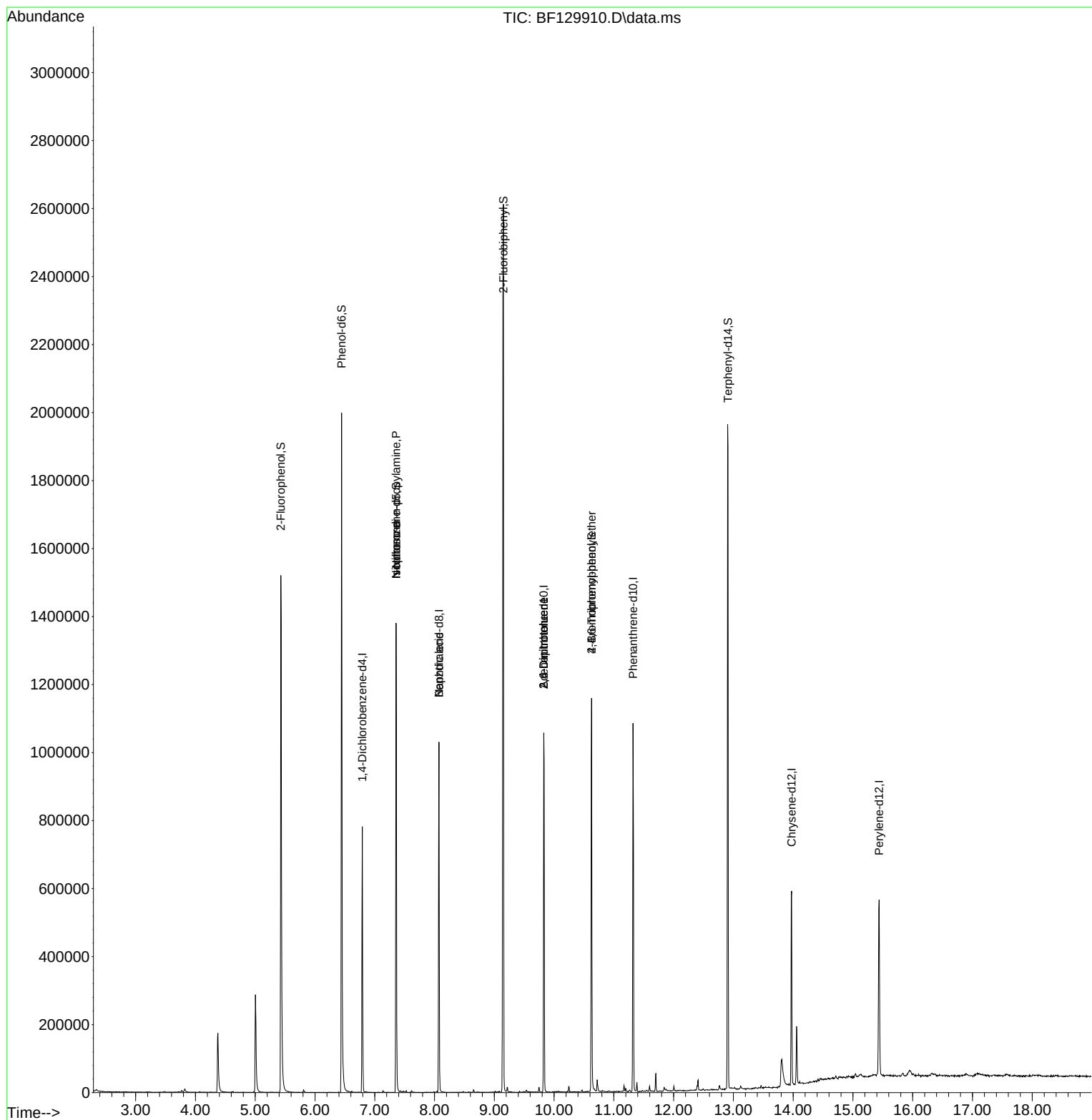
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.792	152	106240	20.000	ng	0.00
21) Naphthalene-d8	8.075	136	429766	20.000	ng	0.00
39) Acenaphthene-d10	9.827	164	225197	20.000	ng	0.00
64) Phenanthrene-d10	11.321	188	356537	20.000	ng	0.00
76) Chrysene-d12	13.974	240	197597	20.000	ng	0.00
86) Perylene-d12	15.439	264	234423	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.428	112	480783	74.928	ng	0.00
7) Phenol-d6	6.445	99	636430	79.203	ng	0.00
23) Nitrobenzene-d5	7.357	82	423157	52.709	ng	-0.01
42) 2,4,6-Tribromophenol	10.627	330	131231	58.062	ng	0.00
45) 2-Fluorobiphenyl	9.151	172	816087	55.040	ng	0.00
79) Terphenyl-d14	12.910	244	675158	56.854	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.445	77	1001	Below Cal	#	1
19) n-Nitroso-di-n-propyla...	7.357	70	55869	11.000	ng	# 78
25) Isophorone	7.357	82	423152	30.624	ng	# 65
32) Benzoic acid	8.075	122	56	2.177	ng	# 1
51) 2,6-Dinitrotoluene	9.827	165	29315	8.371	ng	# 23
57) 2,4-Dinitrotoluene	9.827	165	29315	6.449	ng	# 18
67) 4-Bromophenyl-phenylether	10.627	248	8644	2.070	ng	# 1
77) Benzidine	12.904	184	9642	Below Cal	#	90

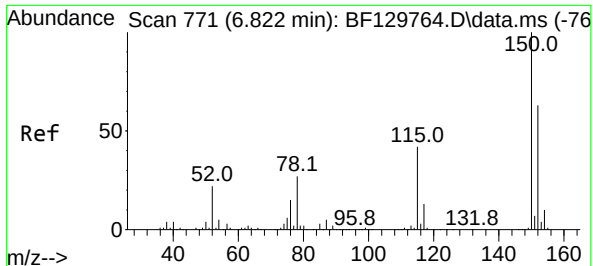
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc :
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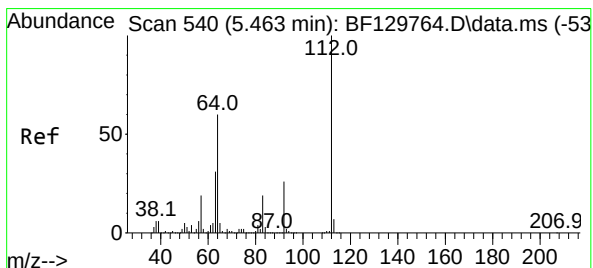
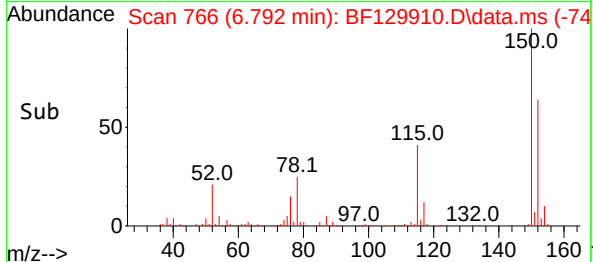
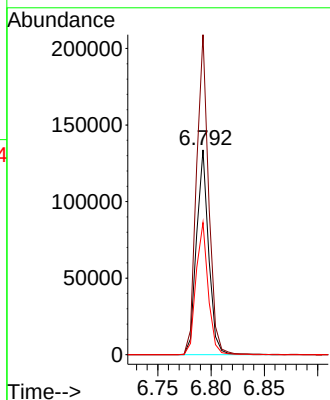
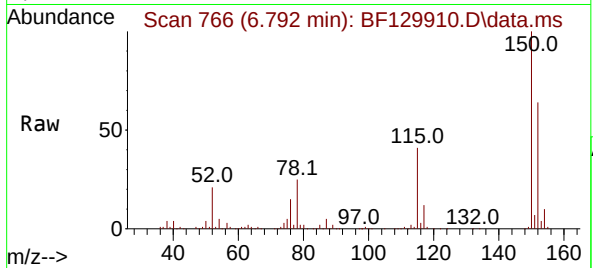




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.792 min Scan# 771
Delta R.T. 0.000 min
Lab File: BF129910.D
Acq: 19 Aug 2022 14:07

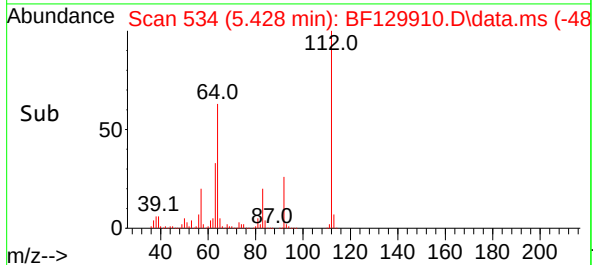
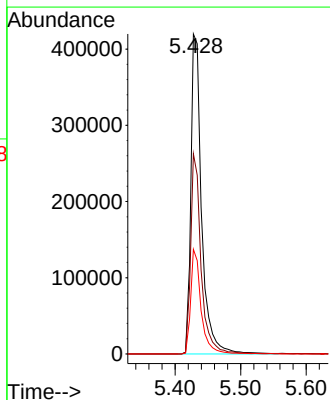
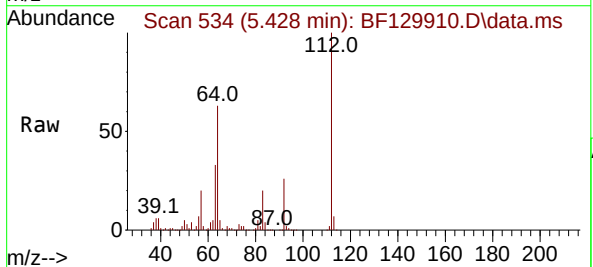
Instrument :
BNA_F
ClientSampleId :
CON-3-0815

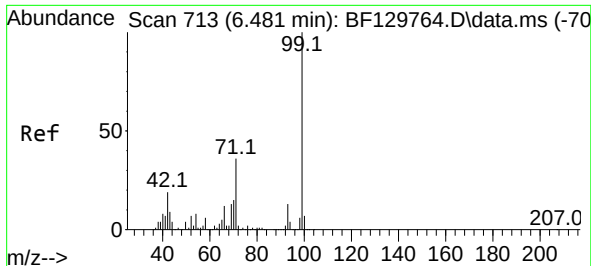
Tgt Ion:152 Resp: 106240
Ion Ratio Lower Upper
152 100
150 156.3 126.9 190.3
115 64.5 53.4 80.0



#5
2-Fluorophenol
Concen: 74.928 ng
RT: 5.428 min Scan# 534
Delta R.T. 0.000 min
Lab File: BF129910.D
Acq: 19 Aug 2022 14:07

Tgt Ion:112 Resp: 480783
Ion Ratio Lower Upper
112 100
64 62.5 47.6 71.4
63 32.7 24.6 37.0

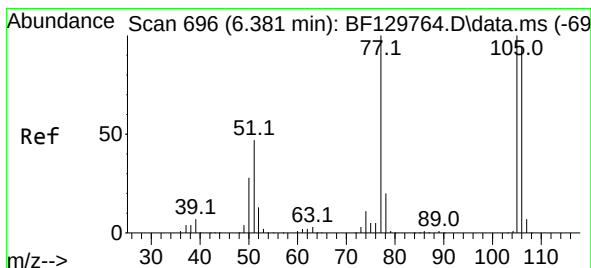
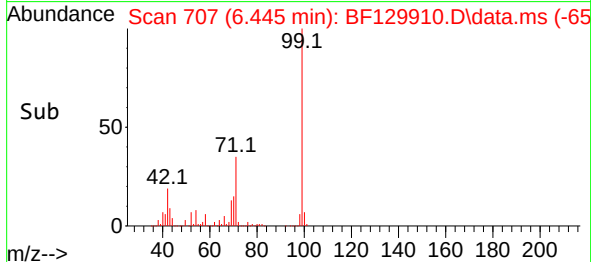
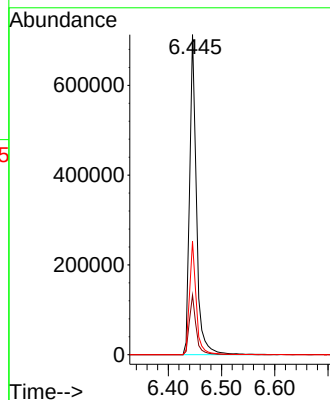
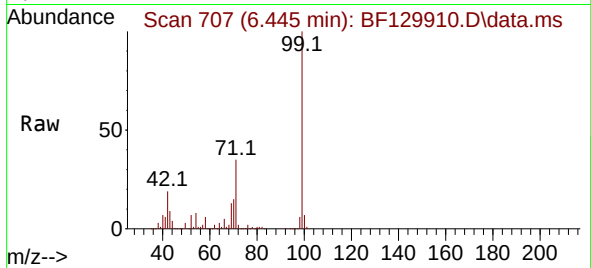




#7
Phenol-d6
Concen: 79.203 ng
RT: 6.445 min Scan# 707
Delta R.T. -0.006 min
Lab File: BF129910.D
Acq: 19 Aug 2022 14:07

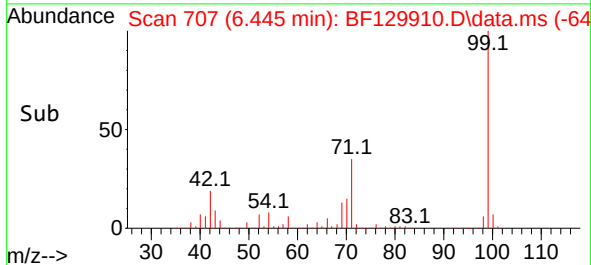
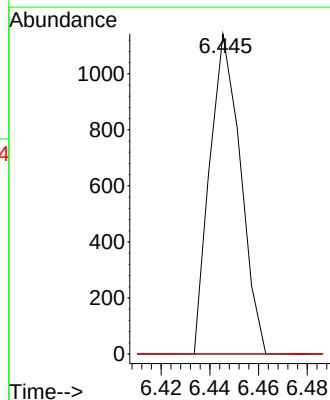
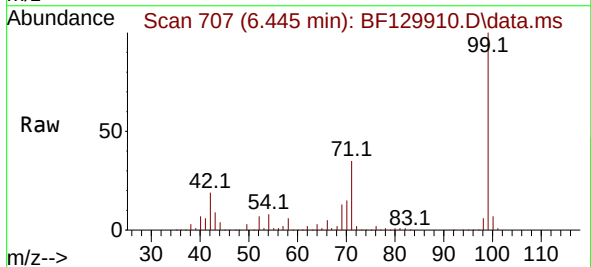
Instrument :
BNA_F
ClientSampleId :
CON-3-0815

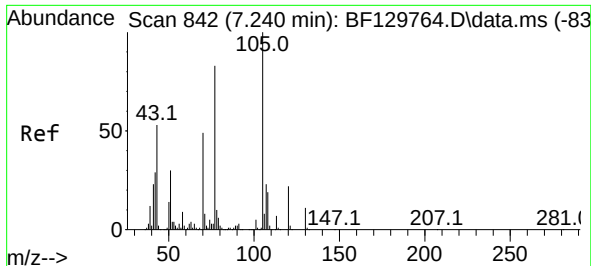
Tgt Ion: 99 Resp: 636430
Ion Ratio Lower Upper
99 100
42 18.6 15.0 22.4
71 35.4 28.8 43.2



#9
Benzaldehyde
Concen: Below Cal
RT: 6.445 min Scan# 707
Delta R.T. 0.094 min
Lab File: BF129910.D
Acq: 19 Aug 2022 14:07

Tgt Ion: 77 Resp: 1001
Ion Ratio Lower Upper
77 100
105 0.0 80.3 120.3#
106 0.0 74.3 114.3#

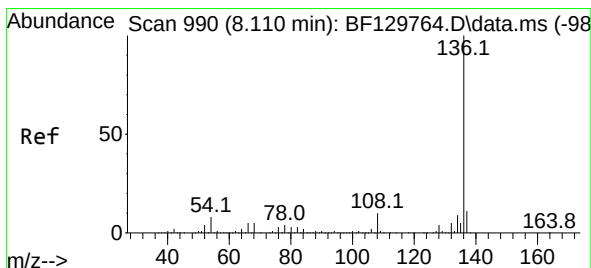
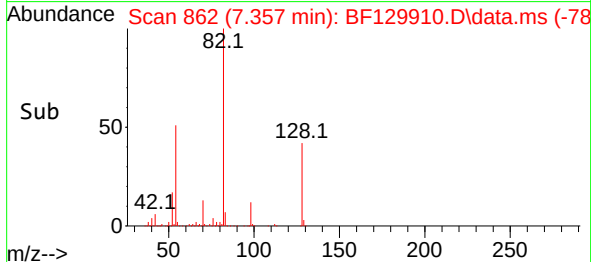
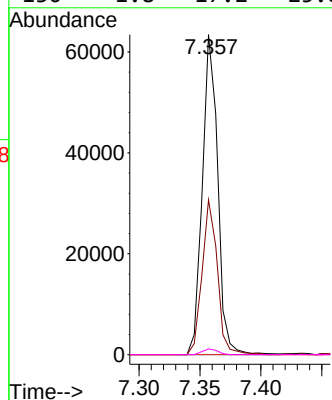
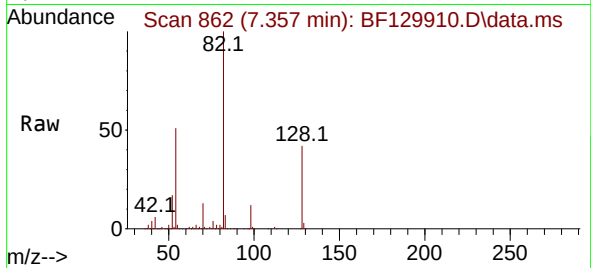




#19
n-Nitroso-di-n-propylamine
Concen: 11.000 ng
RT: 7.357 min Scan# 80
Delta R.T. 0.147 min
Lab File: BF129910.D
Acq: 19 Aug 2022 14:07

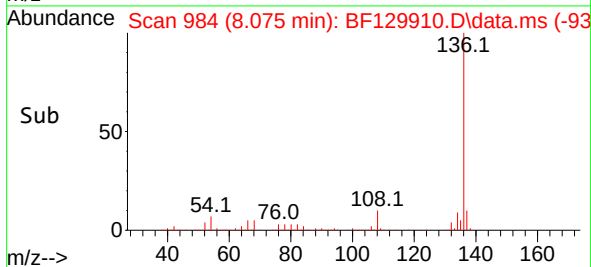
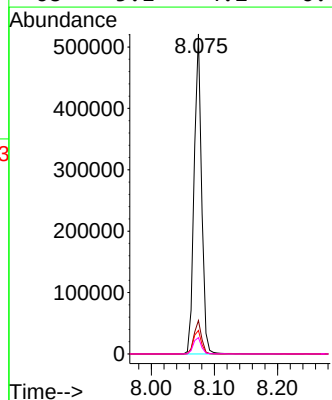
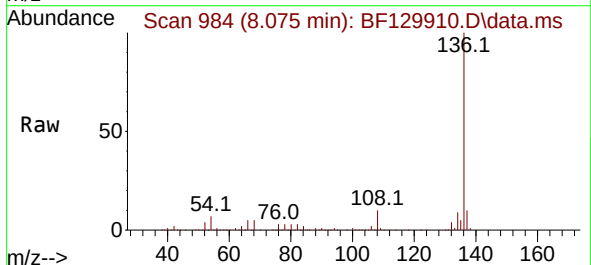
Instrument :
BNA_F
ClientSampleId :
CON-3-0815

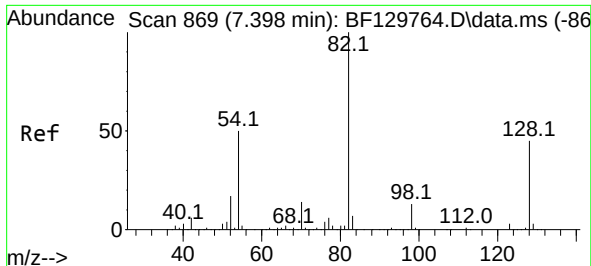
Tgt Ion: 70 Resp: 55869
Ion Ratio Lower Upper
70 100
42 48.4 47.6 71.4
101 0.0 8.1 12.1#
130 1.8 17.2 25.8#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.075 min Scan# 984
Delta R.T. -0.006 min
Lab File: BF129910.D
Acq: 19 Aug 2022 14:07

Tgt Ion: 136 Resp: 429766
Ion Ratio Lower Upper
136 100
137 10.5 8.4 12.6
54 7.4 6.2 9.2
68 5.1 4.2 6.4

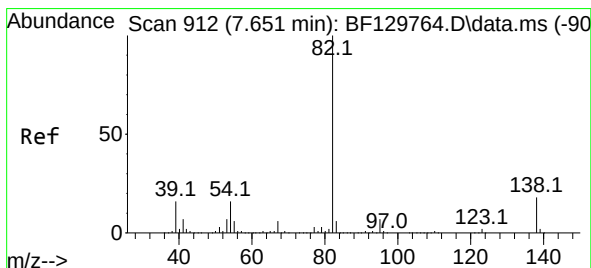
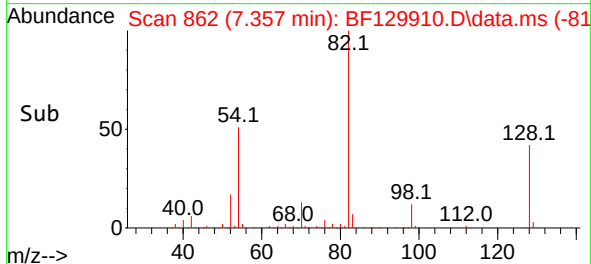
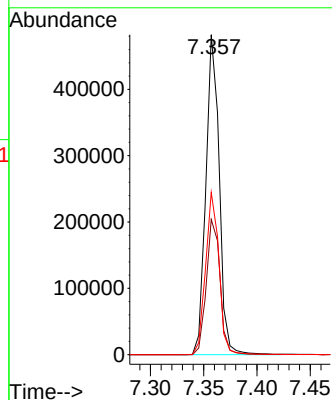
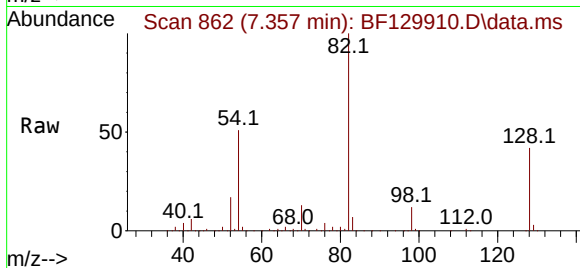




#23
Nitrobenzene-d5
Concen: 52.709 ng
RT: 7.357 min Scan# 80
Delta R.T. -0.012 min
Lab File: BF129910.D
Acq: 19 Aug 2022 14:07

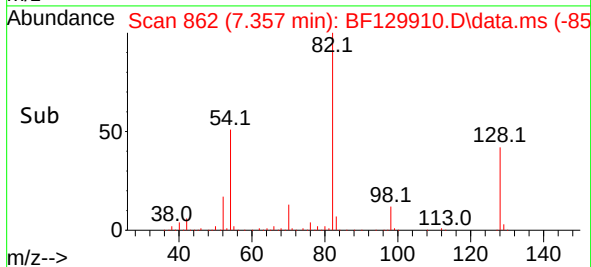
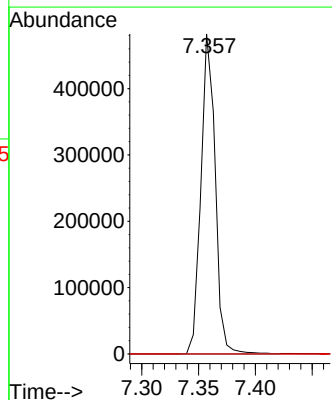
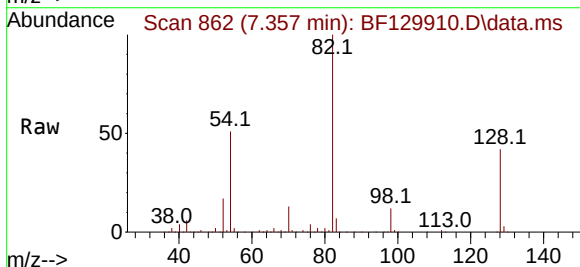
Instrument :
BNA_F
ClientSampleId :
CON-3-0815

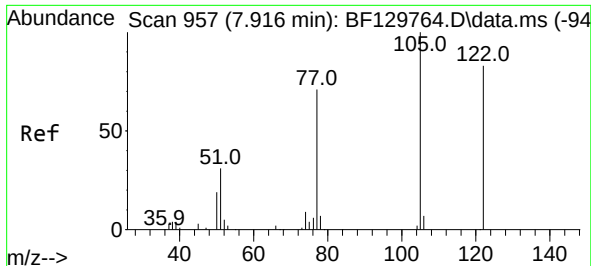
Tgt Ion: 82 Resp: 423157
Ion Ratio Lower Upper
82 100
128 42.2 36.1 54.1
54 50.7 40.0 60.0



#25
Isophorone
Concen: 30.624 ng
RT: 7.357 min Scan# 862
Delta R.T. -0.265 min
Lab File: BF129910.D
Acq: 19 Aug 2022 14:07

Tgt Ion: 82 Resp: 423152
Ion Ratio Lower Upper
82 100
95 0.0 5.9 8.9#
138 0.0 14.6 21.8#

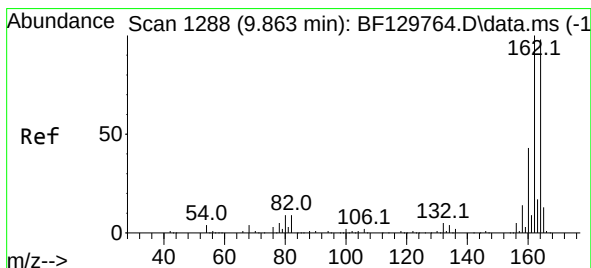
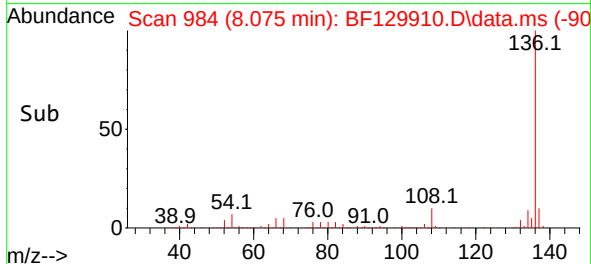
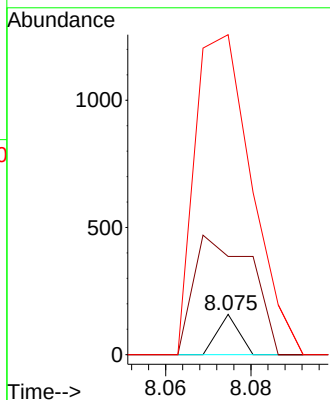
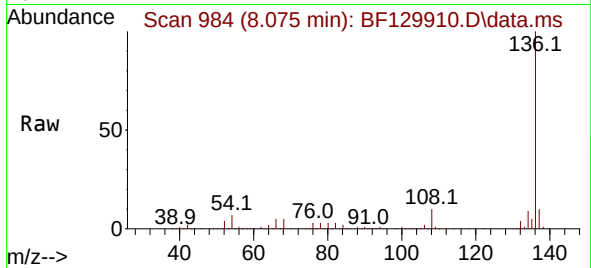




#32
Benzoic acid
Concen: 2.177 ng
RT: 8.075 min Scan# 91
Delta R.T. 0.188 min
Lab File: BF129910.D
Acq: 19 Aug 2022 14:07

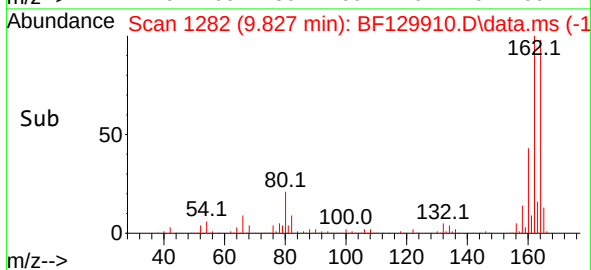
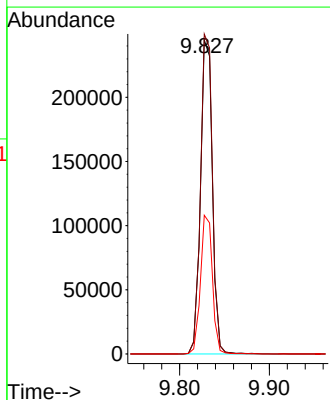
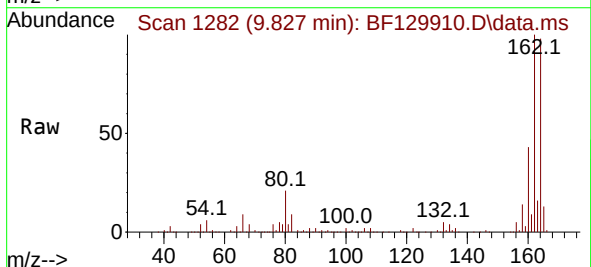
Instrument :
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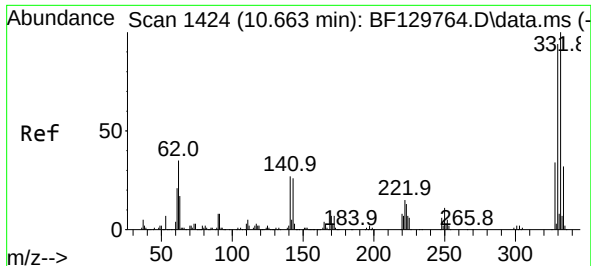
Tgt Ion:	122	Resp:	56
Ion	Ratio	Lower	Upper
122	100		
105	244.3	99.9	139.9#
77	796.2	65.9	105.9#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.827 min Scan# 1282
Delta R.T. -0.006 min
Lab File: BF129910.D
Acq: 19 Aug 2022 14:07

Tgt Ion:	164	Resp:	225197
Ion	Ratio	Lower	Upper
164	100		
162	101.9	82.0	123.0
160	44.2	35.4	53.0





#42

2,4,6-Tribromophenol

Concen: 58.062 ng

RT: 10.627 min Scan# 1424

Delta R.T. 0.000 min

Lab File: BF129910.D

Acq: 19 Aug 2022 14:07

Instrument :

BNA_F

ClientSampleId :

CON-3-0815

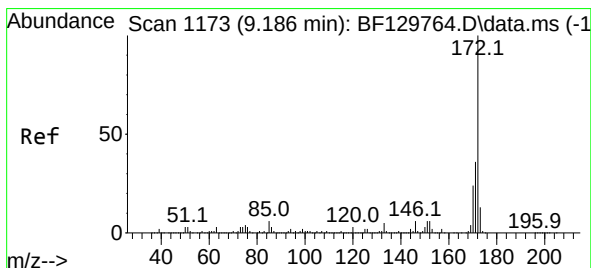
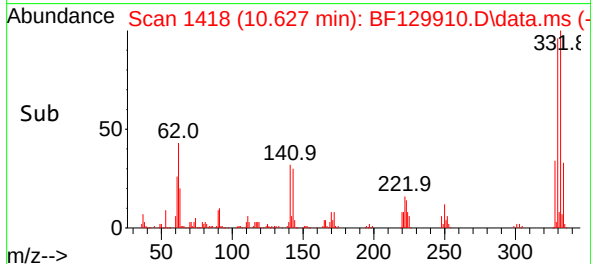
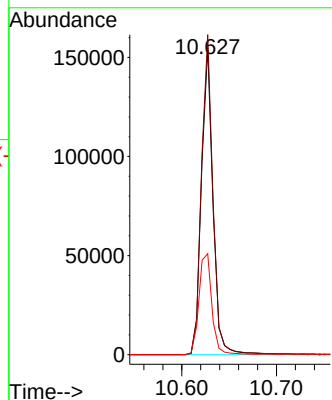
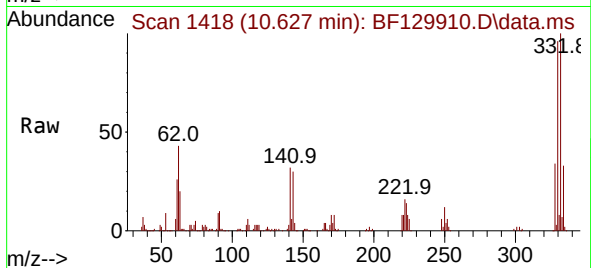
Tgt Ion:330 Resp: 131231

Ion Ratio Lower Upper

330 100

332 103.9 82.6 124.0

141 37.2 27.6 41.4



#45

2-Fluorobiphenyl

Concen: 55.040 ng

RT: 9.151 min Scan# 1167

Delta R.T. 0.000 min

Lab File: BF129910.D

Acq: 19 Aug 2022 14:07

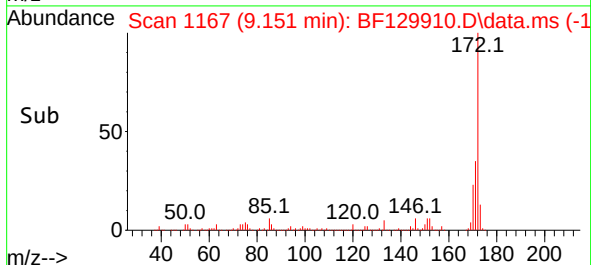
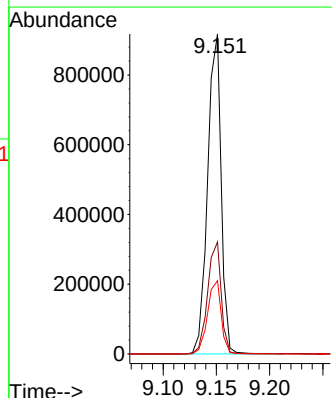
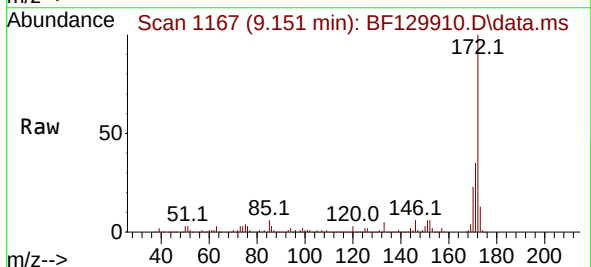
Tgt Ion:172 Resp: 816087

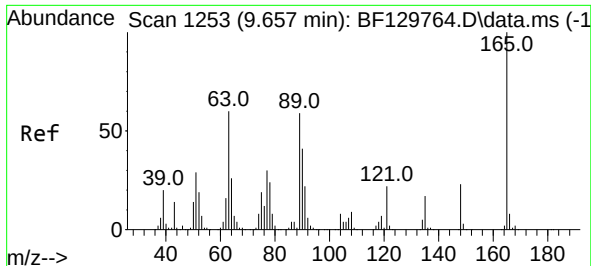
Ion Ratio Lower Upper

172 100

171 35.0 28.4 42.6

170 22.9 19.1 28.7

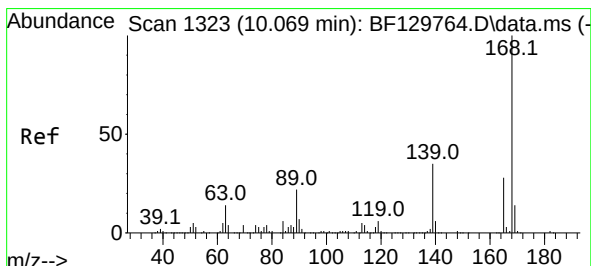
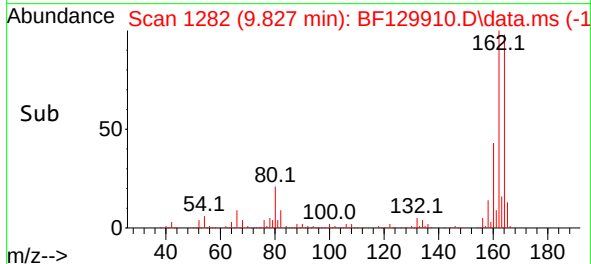
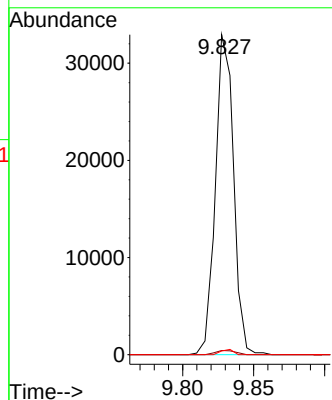
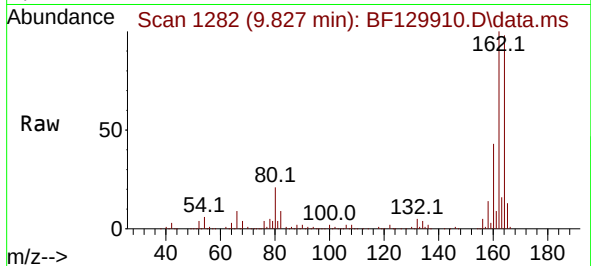




#51
2,6-Dinitrotoluene
Concen: 8.371 ng
RT: 9.827 min Scan# 11
Delta R.T. 0.200 min
Lab File: BF129910.D
Acq: 19 Aug 2022 14:07

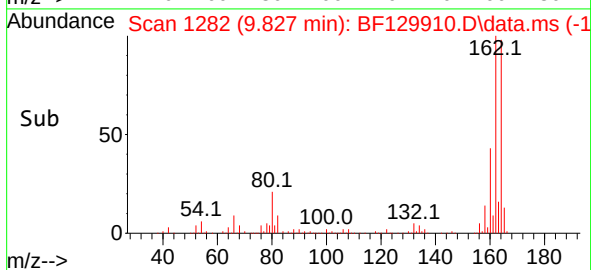
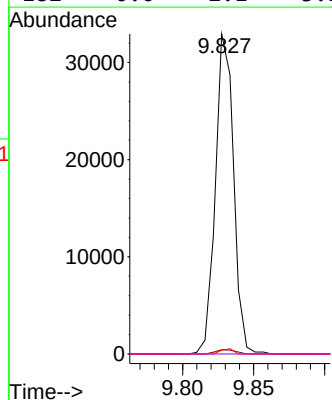
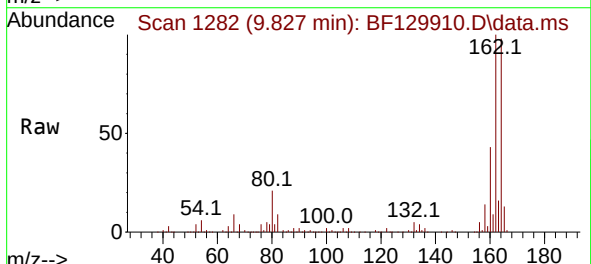
Instrument :
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ClientSampleId :
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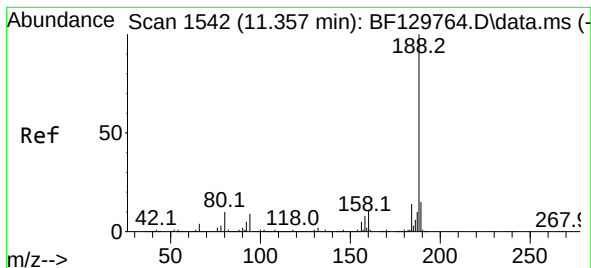
Tgt Ion:165 Resp: 29315
Ion Ratio Lower Upper
165 100
63 1.3 47.8 71.8#
89 1.1 47.2 70.8#



#57
2,4-Dinitrotoluene
Concen: 6.449 ng
RT: 9.827 min Scan# 1282
Delta R.T. -0.212 min
Lab File: BF129910.D
Acq: 19 Aug 2022 14:07

Tgt Ion:165 Resp: 29315
Ion Ratio Lower Upper
165 100
63 1.3 48.4 72.6#
89 1.1 62.3 93.5#
182 0.0 2.1 3.1#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.321 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF129910.D

Acq: 19 Aug 2022 14:07

Instrument :

BNA_F

ClientSampleId :

CON-3-0815

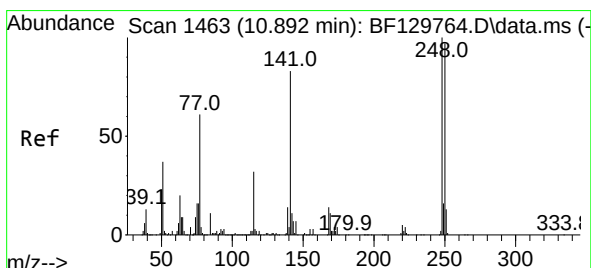
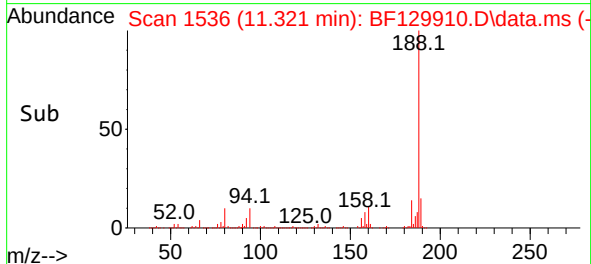
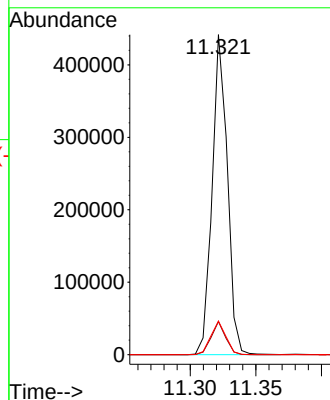
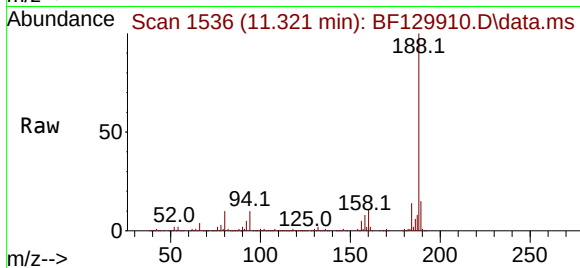
Tgt Ion:188 Resp: 356537

Ion Ratio Lower Upper

188 100

94 10.4 7.4 11.2

80 10.5 7.9 11.9



#67

4-Bromophenyl-phenylether

Concen: 2.070 ng

RT: 10.627 min Scan# 1418

Delta R.T. -0.235 min

Lab File: BF129910.D

Acq: 19 Aug 2022 14:07

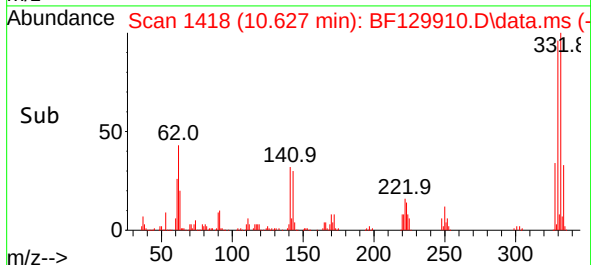
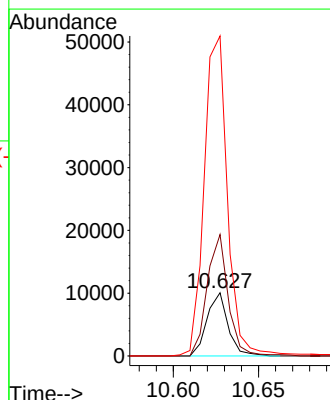
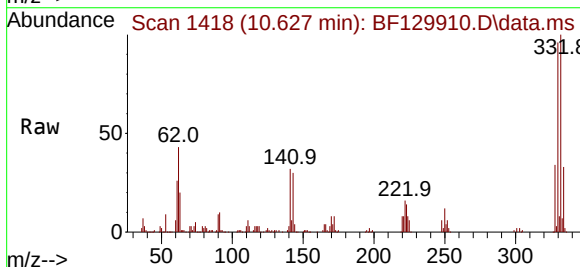
Tgt Ion:248 Resp: 8644

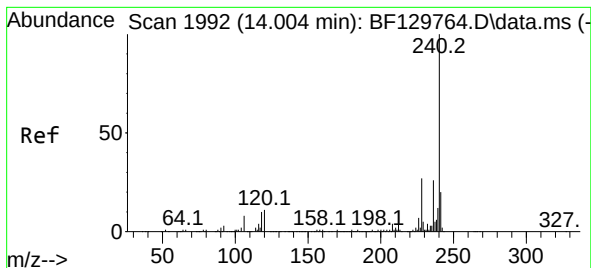
Ion Ratio Lower Upper

248 100

250 192.1 77.8 116.6#

141 506.4 66.2 99.2#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.974 min Scan# 1992

Delta R.T. 0.000 min

Lab File: BF129910.D

Acq: 19 Aug 2022 14:07

Instrument :

BNA_F

ClientSampleId :

CON-3-0815

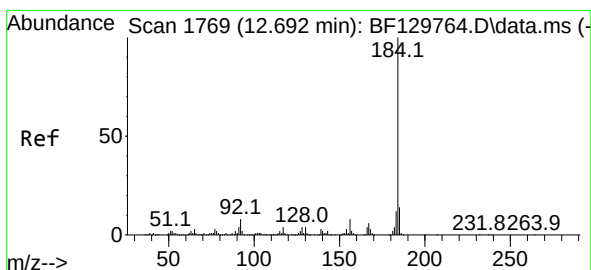
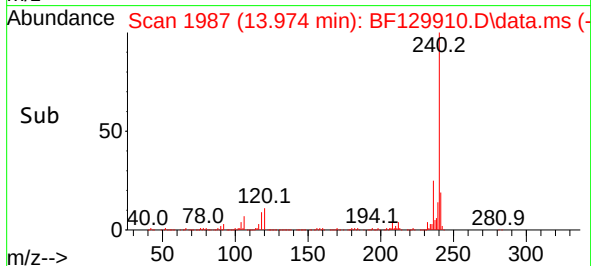
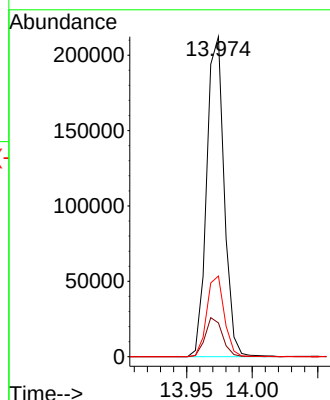
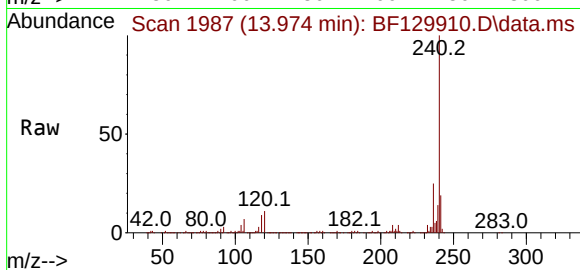
Tgt Ion:240 Resp: 197597

Ion Ratio Lower Upper

240 100

120 10.5 9.2 13.8

236 25.2 20.7 31.1



#77

Benzidine

Concen: Below Cal

RT: 12.904 min Scan# 1805

Delta R.T. 0.241 min

Lab File: BF129910.D

Acq: 19 Aug 2022 14:07

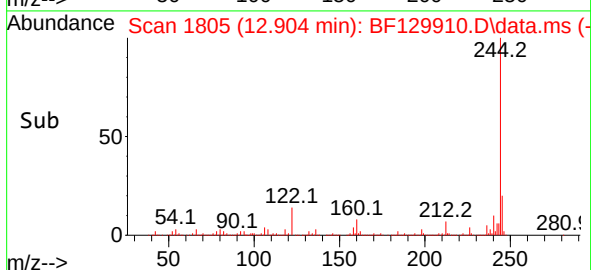
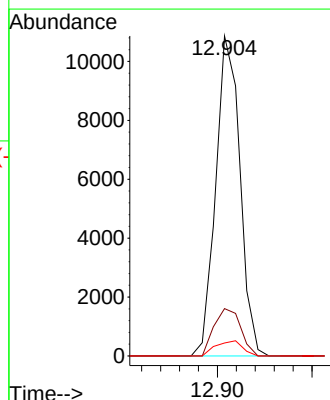
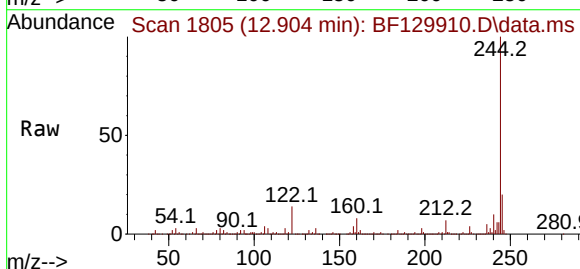
Tgt Ion:184 Resp: 9642

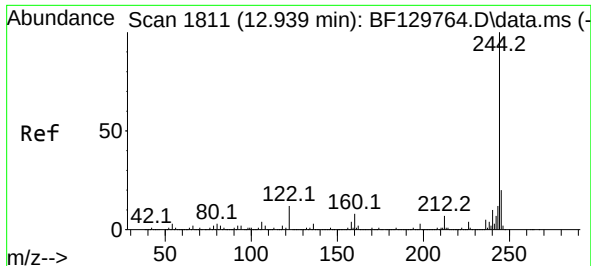
Ion Ratio Lower Upper

184 100

185 14.8 11.4 17.2

183 4.1 9.4 14.2#

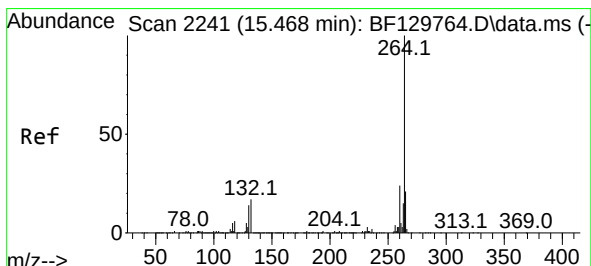
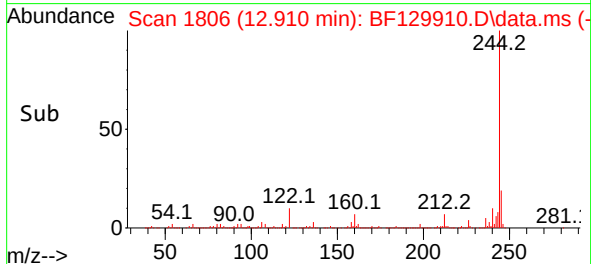
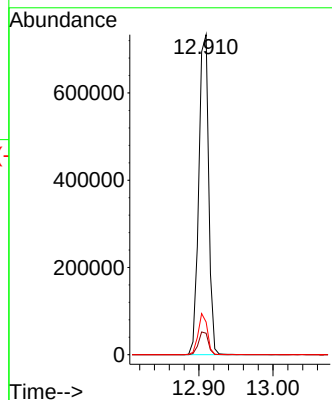
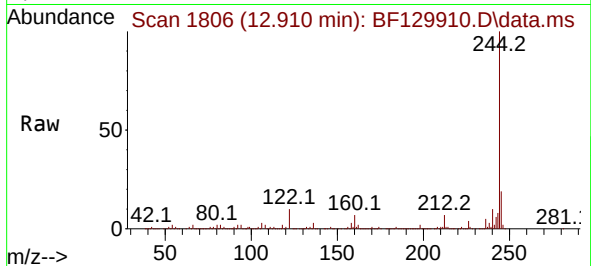




#79
 Terphenyl-d14
 Concen: 56.854 ng
 RT: 12.910 min Scan# 1806
 Delta R.T. 0.000 min
 Lab File: BF129910.D
 Acq: 19 Aug 2022 14:07

Instrument :
 BNA_F
 ClientSampleId :
 CON-3-0815

Tgt Ion:244 Resp: 675158
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.9 8.9
 122 10.2 9.9 14.9



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.439 min Scan# 2236
 Delta R.T. 0.012 min
 Lab File: BF129910.D
 Acq: 19 Aug 2022 14:07

Tgt Ion:264 Resp: 234423
 Ion Ratio Lower Upper
 264 100
 260 23.6 19.1 28.7
 265 21.4 16.7 25.1

