

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082322\
 Data File : BF129962.D
 Acq On : 23 Aug 2022 20:17
 Operator : CG\JU
 Sample : N4272-03
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Aug 24 01:59:34 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)

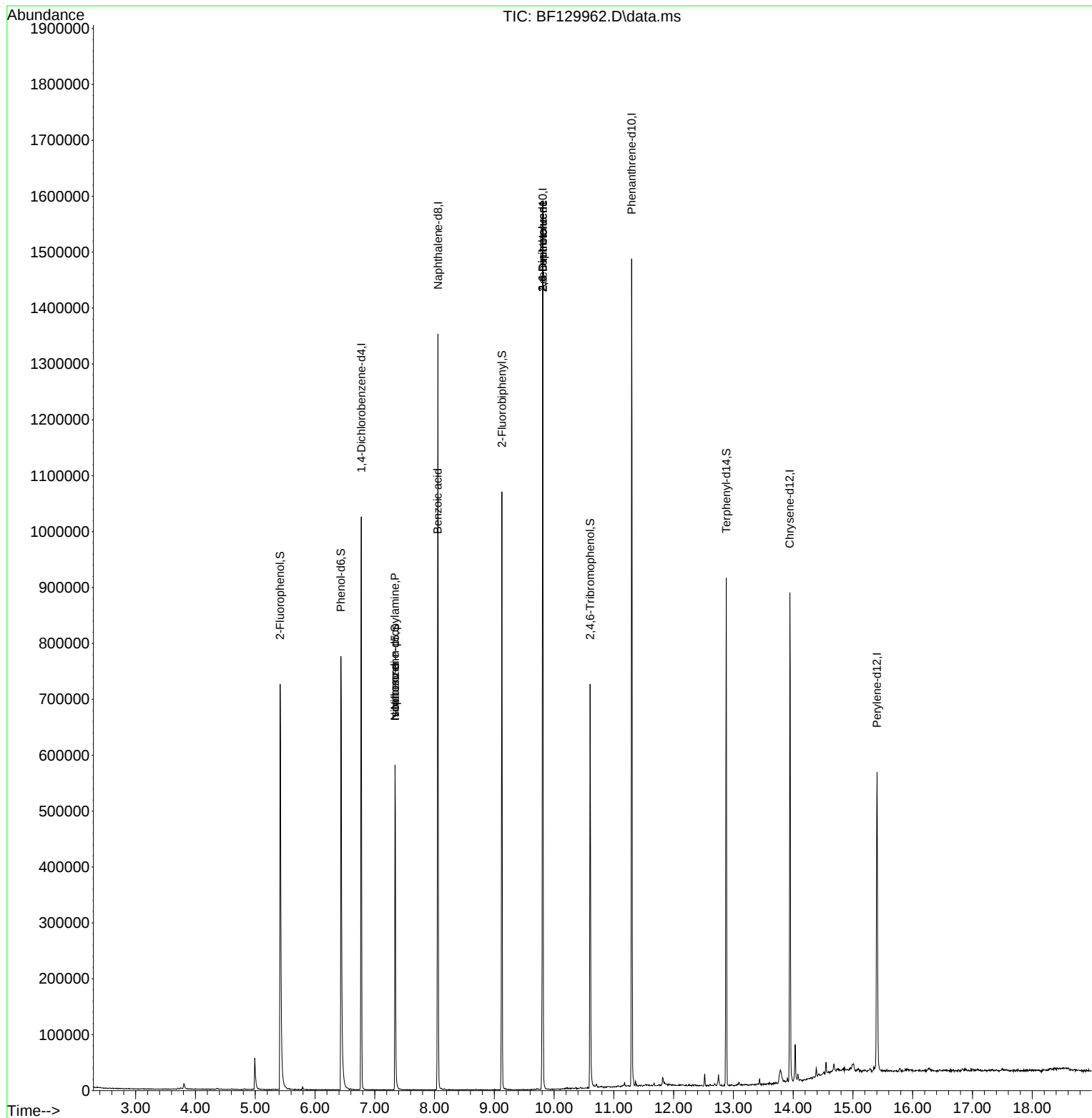
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.775	152	144247	20.000	ng	0.00
21) Naphthalene-d8	8.057	136	580406	20.000	ng	0.00
39) Acenaphthene-d10	9.810	164	311788	20.000	ng	0.00
64) Phenanthrene-d10	11.298	188	512421	20.000	ng	0.00
76) Chrysene-d12	13.945	240	283285	20.000	ng	0.00
86) Perylene-d12	15.404	264	237285	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.416	112	237406	27.250	ng	0.00
7) Phenol-d6	6.434	99	297944	27.309	ng	0.00
23) Nitrobenzene-d5	7.340	82	186416	17.193	ng	-0.01
42) 2,4,6-Tribromophenol	10.604	330	74014	23.652	ng	0.00
45) 2-Fluorobiphenyl	9.128	172	296763	14.456	ng	0.00
79) Terphenyl-d14	12.880	244	267024	15.684	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.434	77	467	Below Cal	#	1
19) n-Nitroso-di-n-propyla...	7.340	70	25007	3.626	ng	# 82
25) Isophorone	7.340	82	186413	9.989	ng	# 65
32) Benzoic acid	8.051	122	125	2.196	ng	# 1
51) 2,6-Dinitrotoluene	9.810	165	39635	8.175	ng	# 23
57) 2,4-Dinitrotoluene	9.810	165	39635	6.297	ng	# 18
77) Benzidine	12.880	184	3816	Below Cal		96

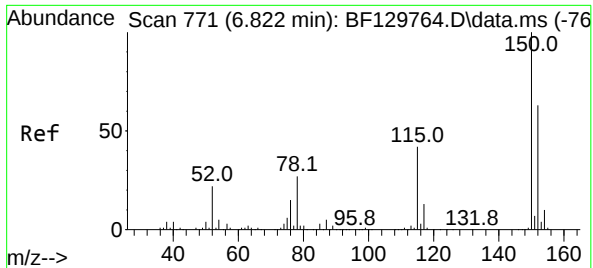
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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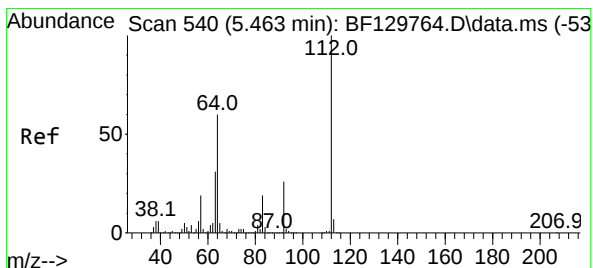
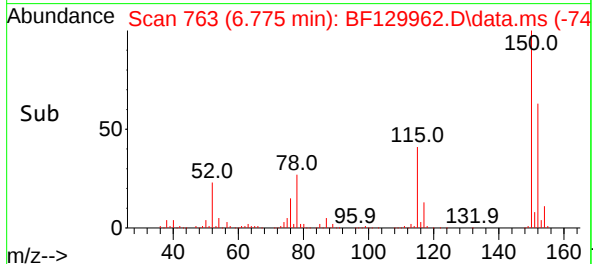
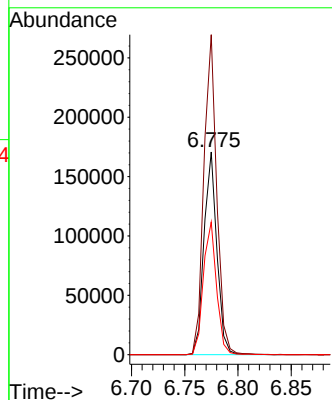
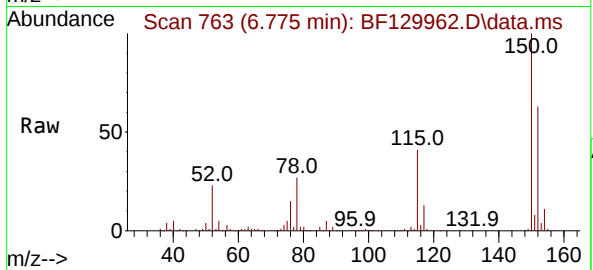




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.775 min Scan# 70
Delta R.T. -0.000 min
Lab File: BF129962.D
Acq: 23 Aug 2022 20:17

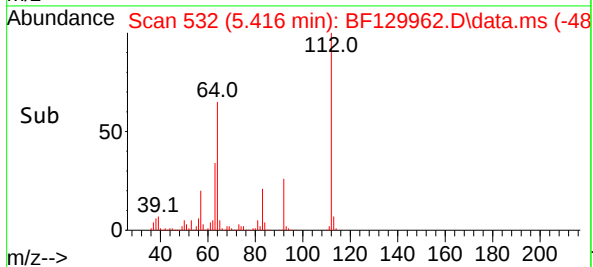
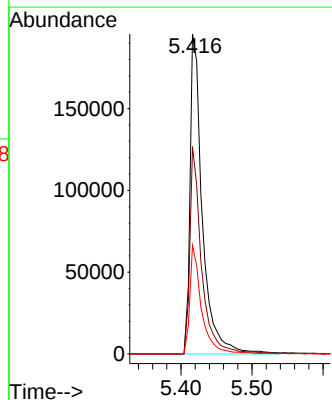
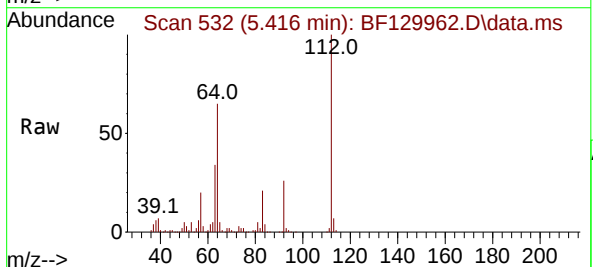
Instrument :
BNA_F
ClientSampleId :

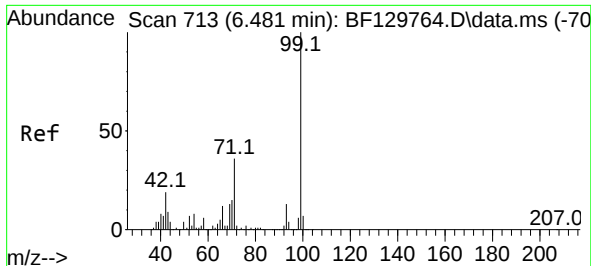
Tgt Ion:152 Resp: 144247
Ion Ratio Lower Upper
152 100
150 157.8 126.9 190.3
115 65.4 53.4 80.0



#5
2-Fluorophenol
Concen: 27.250 ng
RT: 5.416 min Scan# 532
Delta R.T. 0.006 min
Lab File: BF129962.D
Acq: 23 Aug 2022 20:17

Tgt Ion:112 Resp: 237406
Ion Ratio Lower Upper
112 100
64 64.8 47.6 71.4
63 34.0 24.6 37.0

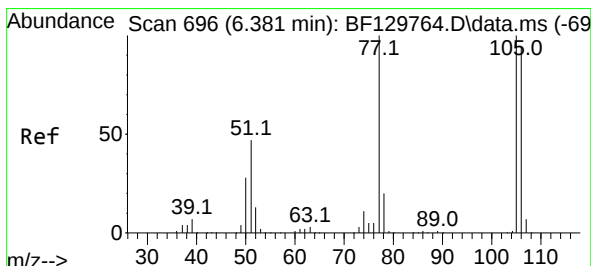
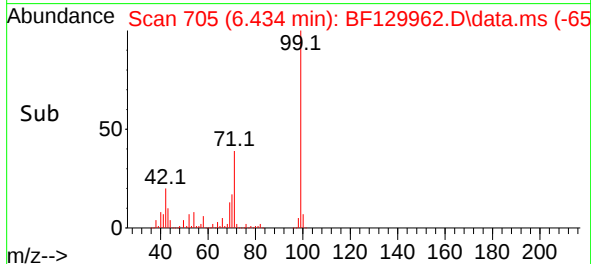
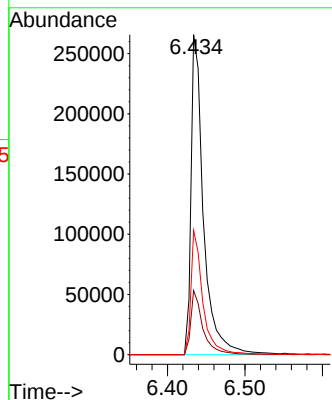
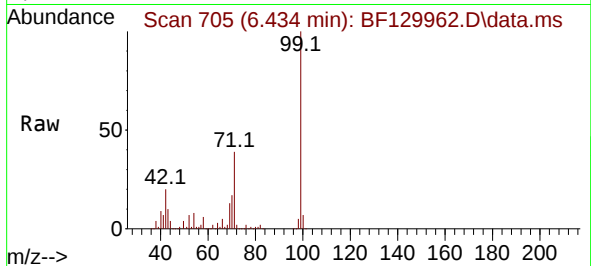




#7
Phenol-d6
Concen: 27.309 ng
RT: 6.434 min Scan# 705
Delta R.T. 0.000 min
Lab File: BF129962.D
Acq: 23 Aug 2022 20:17

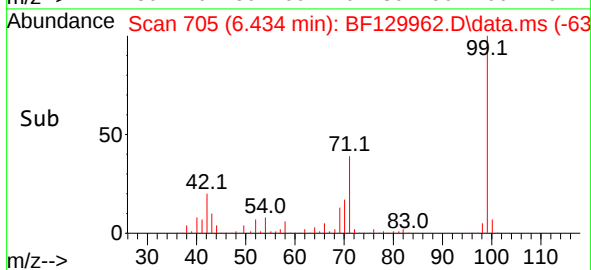
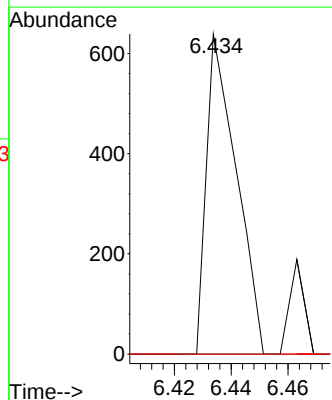
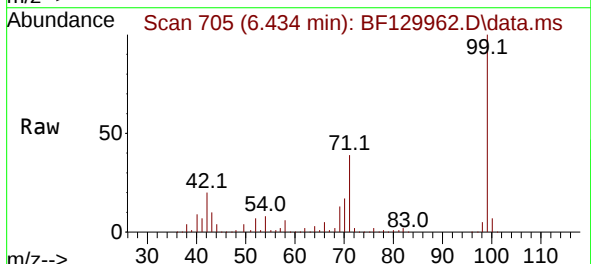
Instrument :
BNA_F
ClientSampleId :

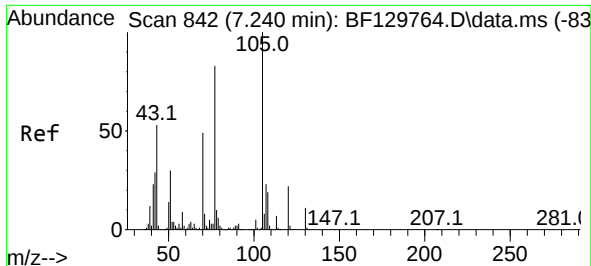
Tgt Ion: 99 Resp: 297944
Ion Ratio Lower Upper
99 100
42 20.1 15.0 22.4
71 38.8 28.8 43.2



#9
Benzaldehyde
Concen: Below Cal
RT: 6.434 min Scan# 705
Delta R.T. 0.100 min
Lab File: BF129962.D
Acq: 23 Aug 2022 20:17

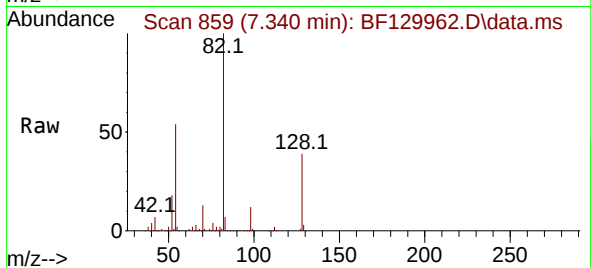
Tgt Ion: 77 Resp: 467
Ion Ratio Lower Upper
77 100
105 0.0 80.3 120.3#
106 0.0 74.3 114.3#



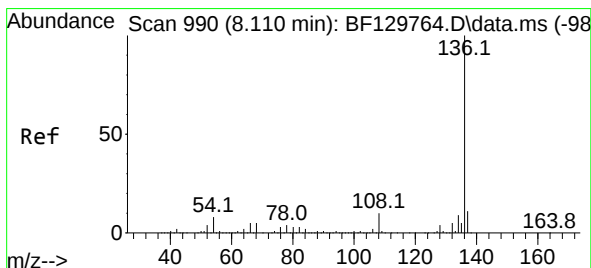
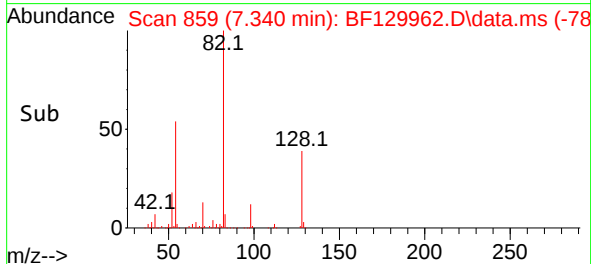
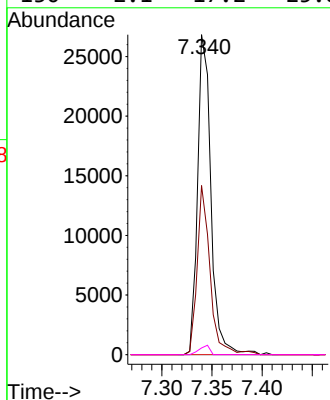


#19
n-Nitroso-di-n-propylamine
Concen: 3.626 ng
RT: 7.340 min Scan# 81
Delta R.T. 0.141 min
Lab File: BF129962.D
Acq: 23 Aug 2022 20:17

Instrument :
BNA_F
ClientSampleId :

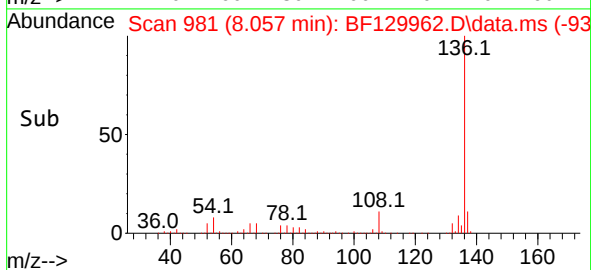
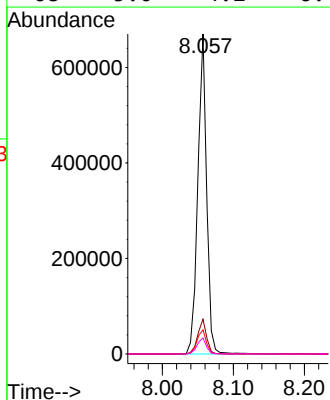
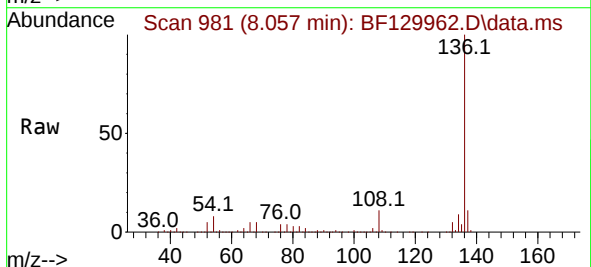


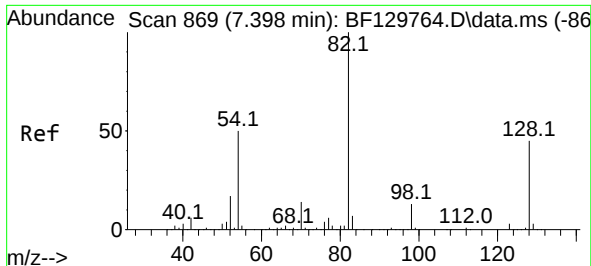
Tgt Ion:	70	Resp:	25007
Ion	Ratio	Lower	Upper
70	100		
42	52.8	47.6	71.4
101	0.0	8.1	12.1#
130	2.1	17.2	25.8#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.057 min Scan# 981
Delta R.T. 0.000 min
Lab File: BF129962.D
Acq: 23 Aug 2022 20:17

Tgt Ion:	136	Resp:	580406
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.4	12.6
54	7.6	6.2	9.2
68	5.0	4.2	6.4





#23

Nitrobenzene-d5

Concen: 17.193 ng

RT: 7.340 min Scan# 81

Delta R.T. -0.012 min

Lab File: BF129962.D

Acq: 23 Aug 2022 20:17

Instrument :

BNA_F

ClientSampleId :

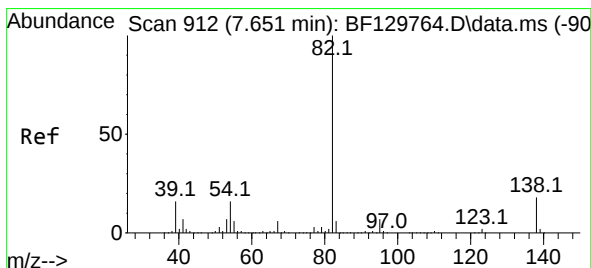
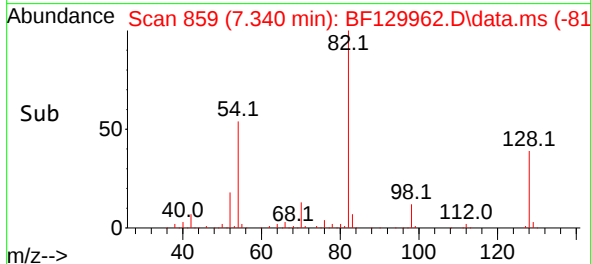
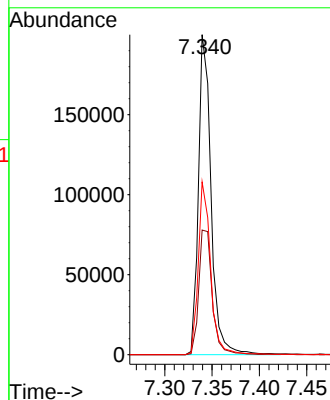
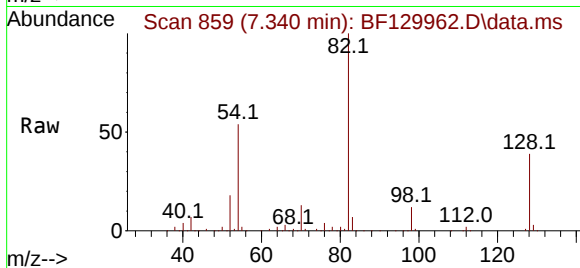
Tgt Ion: 82 Resp: 186416

Ion Ratio Lower Upper

82 100

128 39.0 36.1 54.1

54 54.0 40.0 60.0



#25

Isophorone

Concen: 9.989 ng

RT: 7.340 min Scan# 859

Delta R.T. -0.265 min

Lab File: BF129962.D

Acq: 23 Aug 2022 20:17

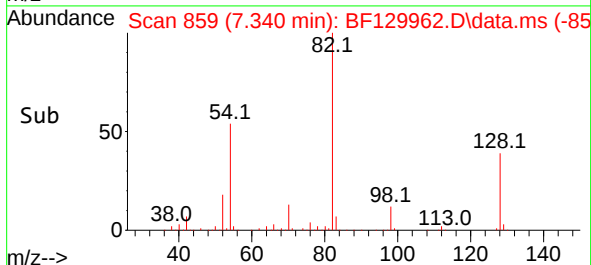
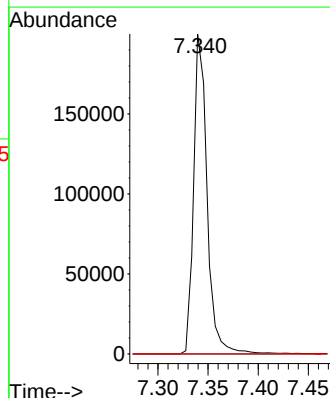
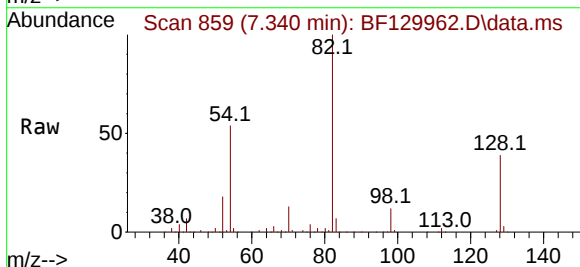
Tgt Ion: 82 Resp: 186413

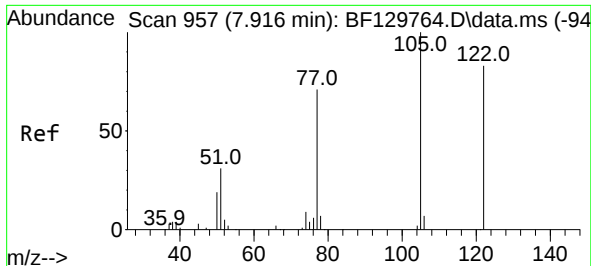
Ion Ratio Lower Upper

82 100

95 0.0 5.9 8.9#

138 0.0 14.6 21.8#

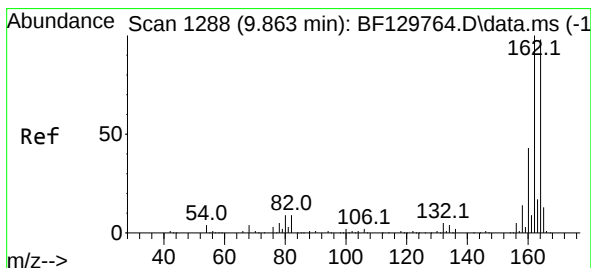
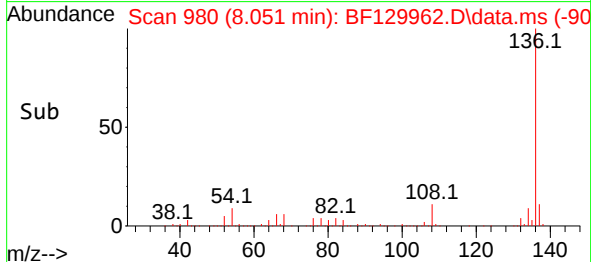
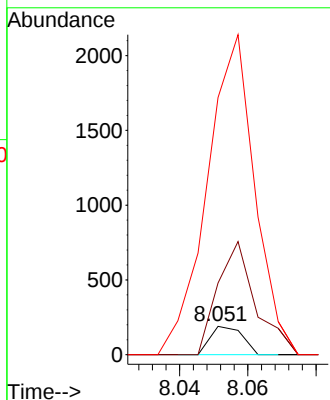
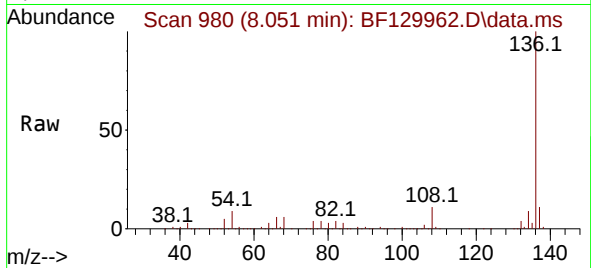




#32
Benzoic acid
Concen: 2.196 ng
RT: 8.051 min Scan# 91
Delta R.T. 0.171 min
Lab File: BF129962.D
Acq: 23 Aug 2022 20:17

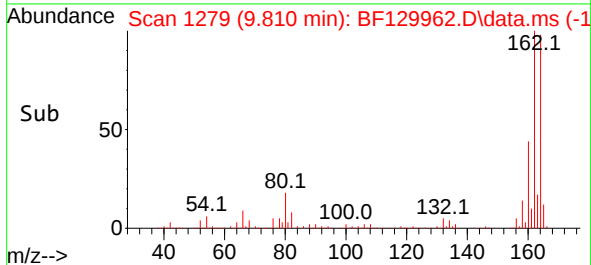
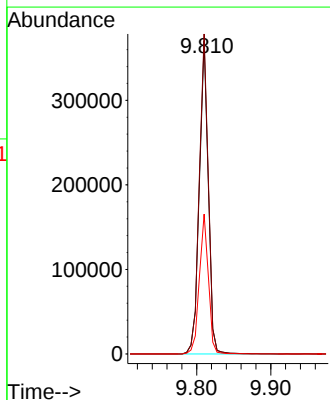
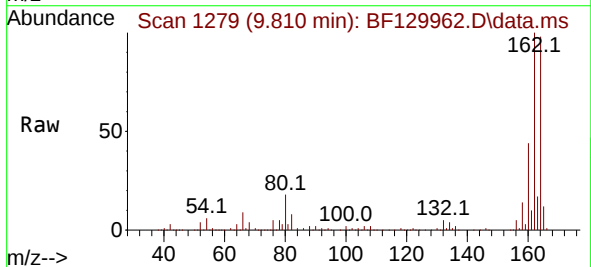
Instrument :
BNA_F
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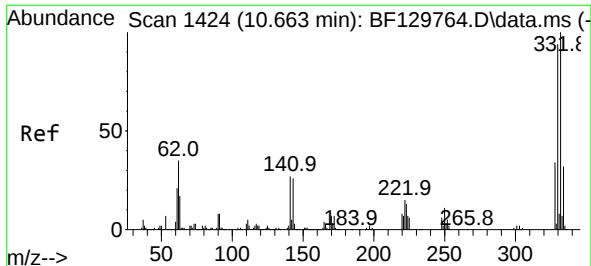
Tgt Ion:122 Resp: 125
Ion Ratio Lower Upper
122 100
105 252.6 99.9 139.9#
77 905.3 65.9 105.9#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.810 min Scan# 1279
Delta R.T. -0.006 min
Lab File: BF129962.D
Acq: 23 Aug 2022 20:17

Tgt Ion:164 Resp: 311788
Ion Ratio Lower Upper
164 100
162 102.2 82.0 123.0
160 44.7 35.4 53.0





#42

2,4,6-Tribromophenol

Concen: 23.652 ng

RT: 10.604 min Scan# 1414

Delta R.T. -0.006 min

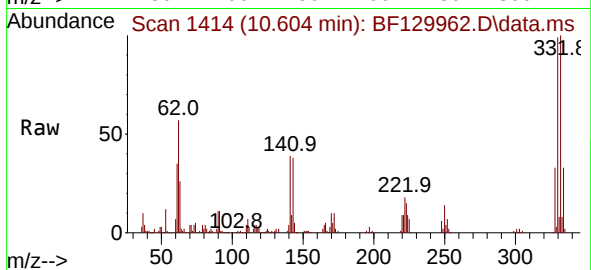
Lab File: BF129962.D

Acq: 23 Aug 2022 20:17

Instrument :

BNA_F

ClientSampleId :



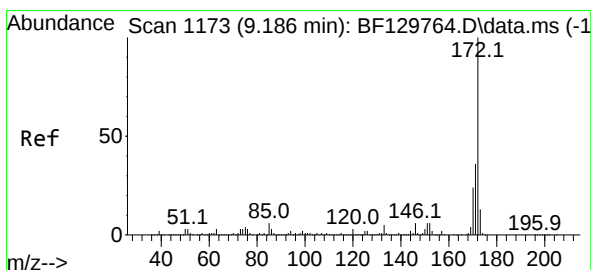
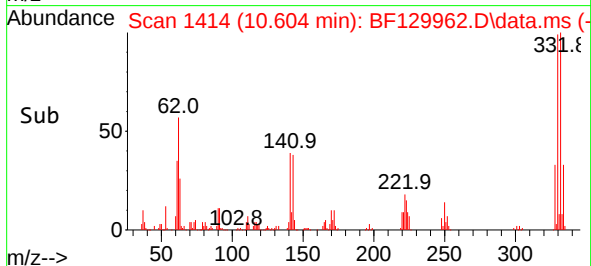
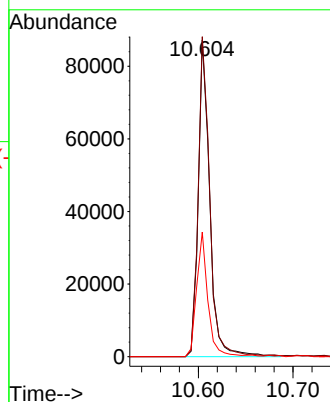
Tgt Ion:330 Resp: 74014

Ion Ratio Lower Upper

330 100

332 101.7 82.6 124.0

141 38.8 27.6 41.4



#45

2-Fluorobiphenyl

Concen: 14.456 ng

RT: 9.128 min Scan# 1163

Delta R.T. -0.006 min

Lab File: BF129962.D

Acq: 23 Aug 2022 20:17

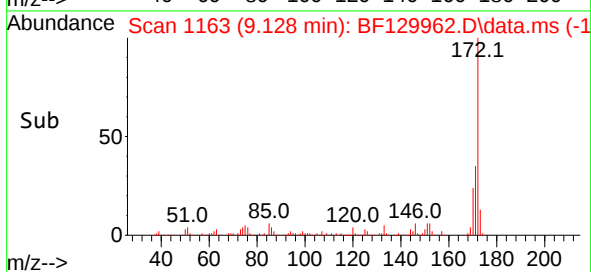
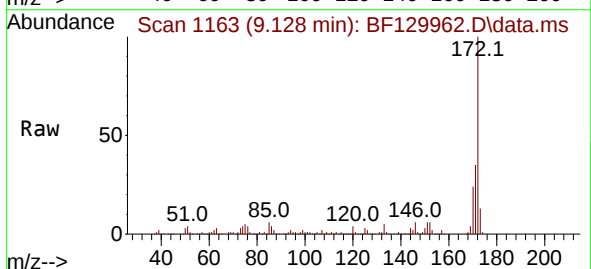
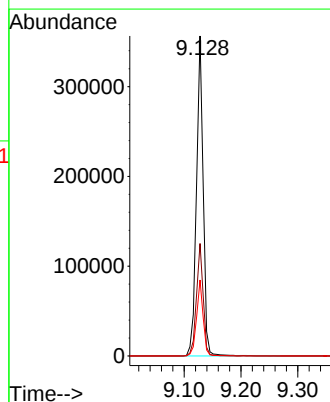
Tgt Ion:172 Resp: 296763

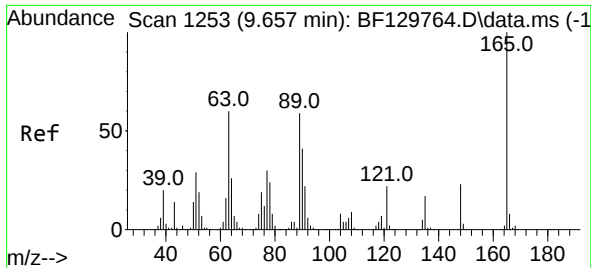
Ion Ratio Lower Upper

172 100

171 35.2 28.4 42.6

170 23.8 19.1 28.7

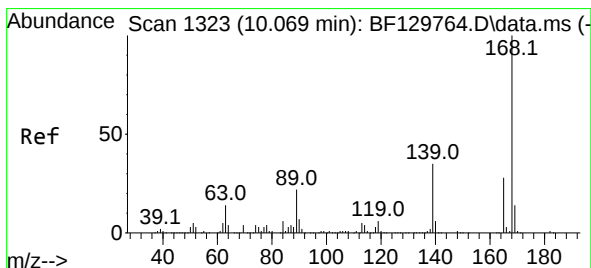
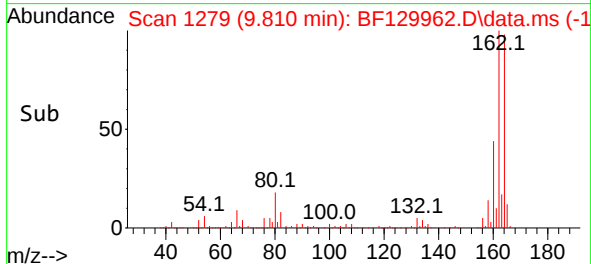
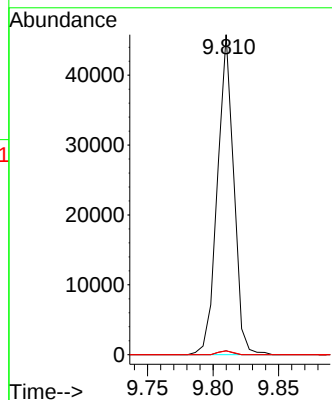
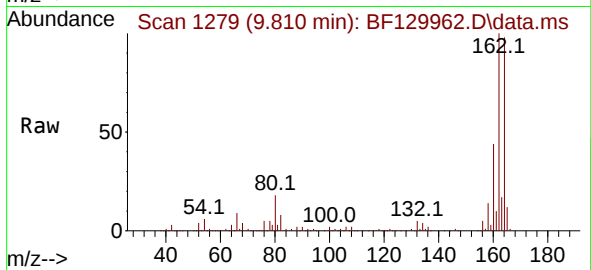




#51
2,6-Dinitrotoluene
Concen: 8.175 ng
RT: 9.810 min Scan# 1279
Delta R.T. 0.194 min
Lab File: BF129962.D
Acq: 23 Aug 2022 20:17

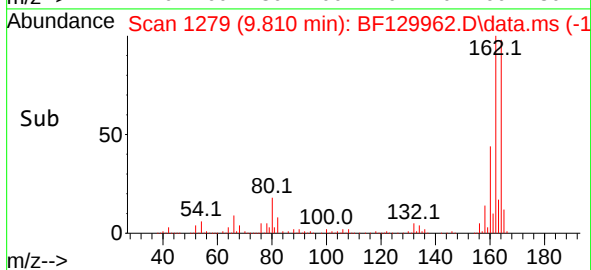
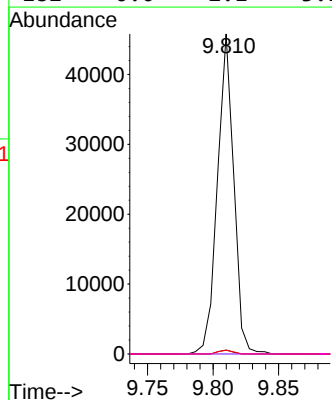
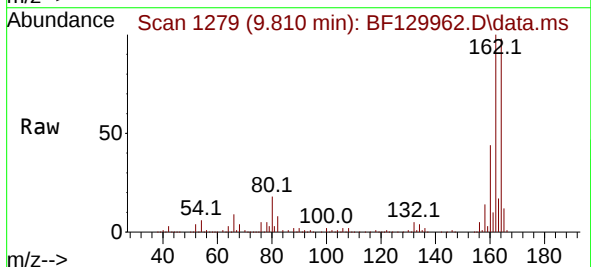
Instrument :
BNA_F
ClientSampleId :

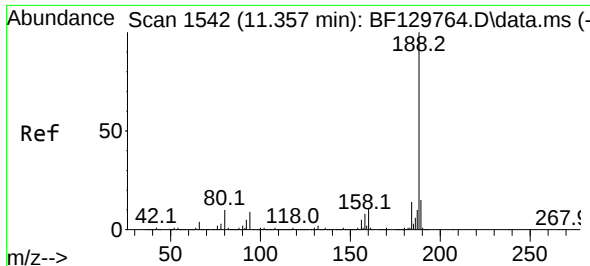
Tgt Ion:165 Resp: 39635
Ion Ratio Lower Upper
165 100
63 1.3 47.8 71.8#
89 1.1 47.2 70.8#



#57
2,4-Dinitrotoluene
Concen: 6.297 ng
RT: 9.810 min Scan# 1279
Delta R.T. -0.212 min
Lab File: BF129962.D
Acq: 23 Aug 2022 20:17

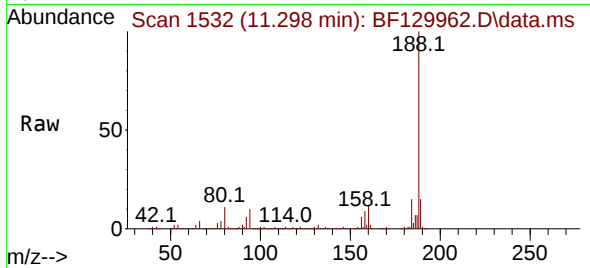
Tgt Ion:165 Resp: 39635
Ion Ratio Lower Upper
165 100
63 1.3 48.4 72.6#
89 1.1 62.3 93.5#
182 0.0 2.1 3.1#



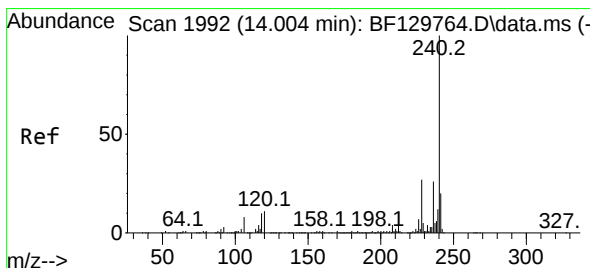
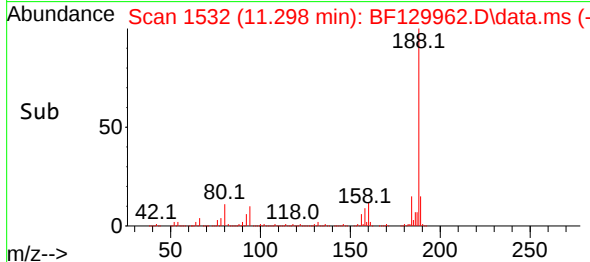
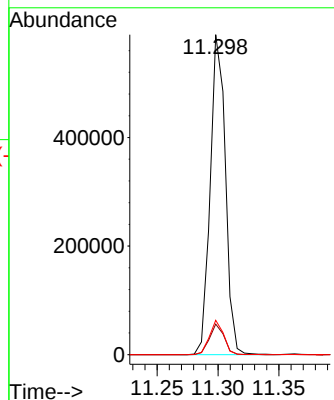


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.298 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF129962.D
Acq: 23 Aug 2022 20:17

Instrument :
BNA_F
ClientSampleId :

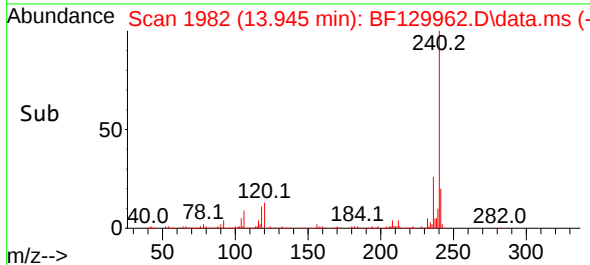
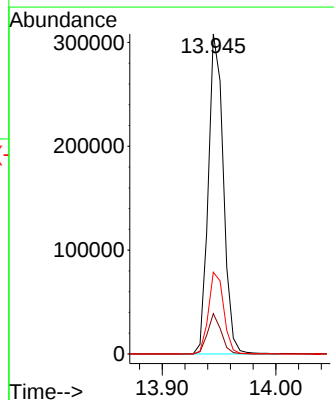
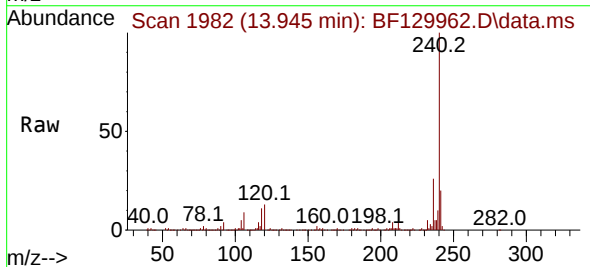


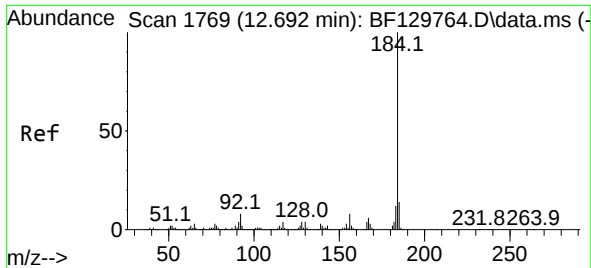
Tgt Ion:188 Resp: 512421
Ion Ratio Lower Upper
188 100
94 9.5 7.4 11.2
80 10.7 7.9 11.9



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.945 min Scan# 1982
Delta R.T. -0.006 min
Lab File: BF129962.D
Acq: 23 Aug 2022 20:17

Tgt Ion:240 Resp: 283285
Ion Ratio Lower Upper
240 100
120 12.6 9.2 13.8
236 25.6 20.7 31.1

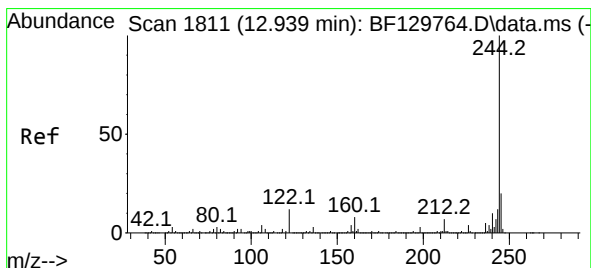
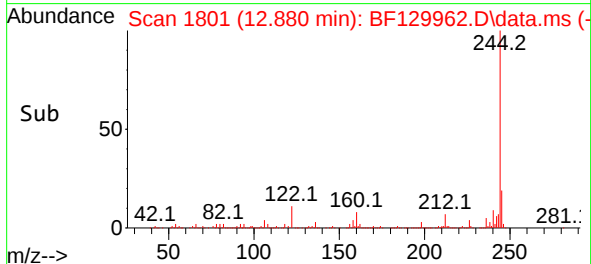
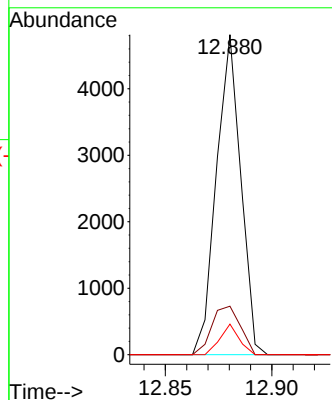
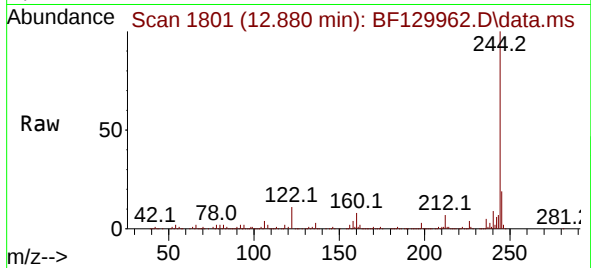




#77
Benzidine
Concen: Below Cal
RT: 12.880 min Scan# 1801
Delta R.T. 0.235 min
Lab File: BF129962.D
Acq: 23 Aug 2022 20:17

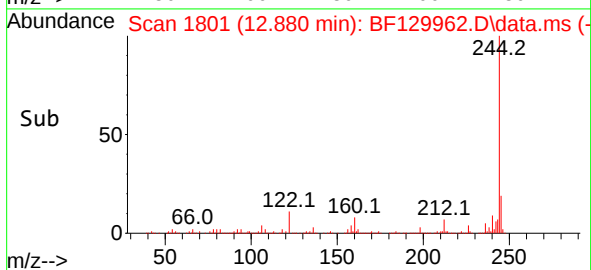
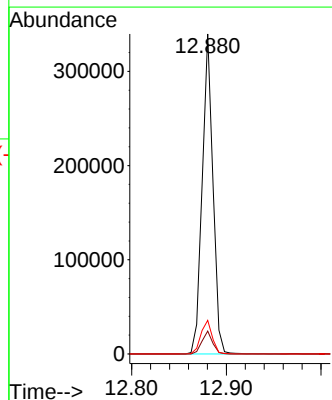
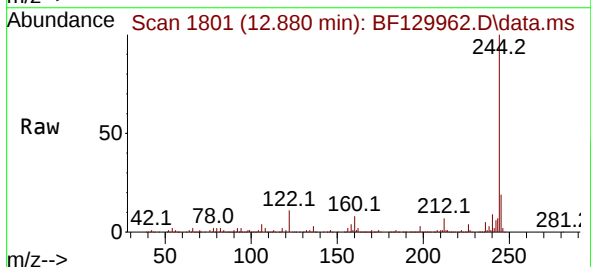
Instrument :
BNA_F
ClientSampleId :

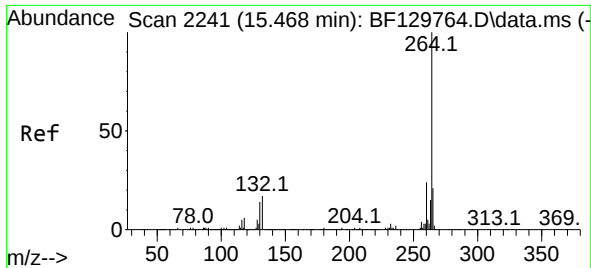
Tgt Ion:184 Resp: 3816
Ion Ratio Lower Upper
184 100
185 15.2 11.4 17.2
183 9.5 9.4 14.2



#79
Terphenyl-d14
Concen: 15.684 ng
RT: 12.880 min Scan# 1801
Delta R.T. -0.006 min
Lab File: BF129962.D
Acq: 23 Aug 2022 20:17

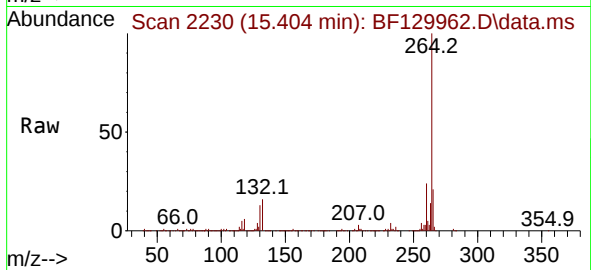
Tgt Ion:244 Resp: 267024
Ion Ratio Lower Upper
244 100
212 7.2 5.9 8.9
122 10.5 9.9 14.9





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.404 min Scan# 21
Delta R.T. 0.006 min
Lab File: BF129962.D
Acq: 23 Aug 2022 20:17

Instrument :
BNA_F
ClientSampleId :



Tgt Ion:264 Resp: 237285

Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.1	28.7
265	20.7	16.7	25.1

