

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070522\
 Data File : BF129134.D
 Acq On : 05 Jul 2022 20:38
 Operator : CG\JU
 Sample : N3567-01 2X
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OK-02-07012022

Quant Time: Jul 06 02:26:32 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062922.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 29 17:05:31 2022
 Response via : Initial Calibration

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

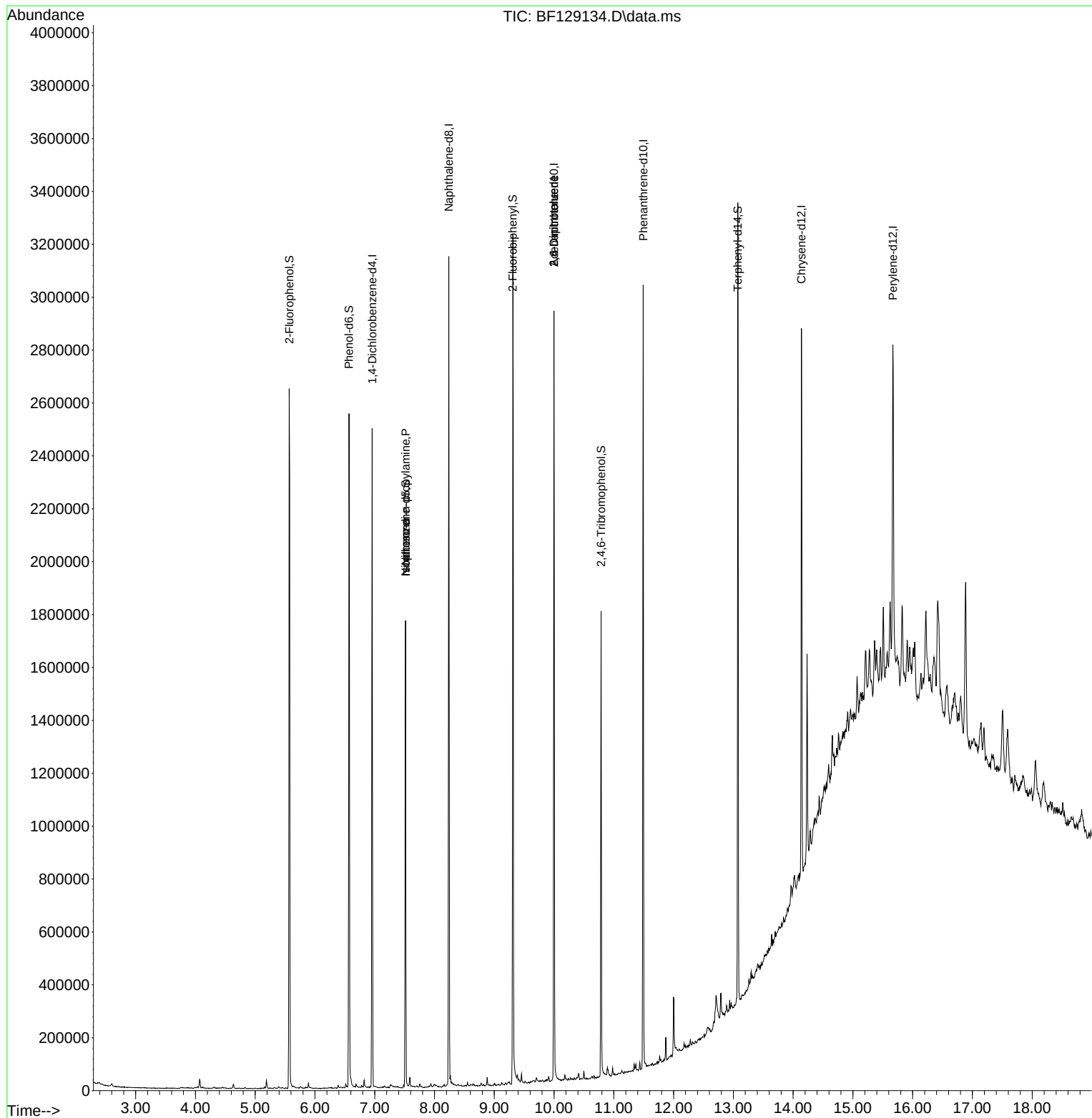
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.957	152	343311	20.000	ng	0.00
21) Naphthalene-d8	8.240	136	1207041	20.000	ng	0.00
39) Acenaphthene-d10	9.998	164	572668	20.000	ng	0.00
64) Phenanthrene-d10	11.492	188	997231	20.000	ng	0.00
76) Chrysene-d12	14.139	240	712621	20.000	ng	-0.01
86) Perylene-d12	15.668	264	534994	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.569	112	729290	35.914	ng	-0.02
7) Phenol-d6	6.569	99	857658	34.007	ng	-0.02
23) Nitrobenzene-d5	7.516	82	500805	24.747	ng	-0.01
42) 2,4,6-Tribromophenol	10.786	330	196458	31.550	ng	-0.01
45) 2-Fluorobiphenyl	9.310	172	984217	27.495	ng	-0.01
79) Terphenyl-d14	13.075	244	999547	29.128	ng	-0.01
Target Compounds						
9) Benzaldehyde	6.516	77	1269	Below Cal	Qvalue #	73
19) n-Nitroso-di-n-propyla...	7.516	70	64029	4.389 ng	#	73
25) Isophorone	7.516	82	492237	14.393 ng	#	65
51) 2,6-Dinitrotoluene	9.998	165	73543	10.046 ng	#	25
57) 2,4-Dinitrotoluene	9.998	165	73646	8.149 ng	#	21

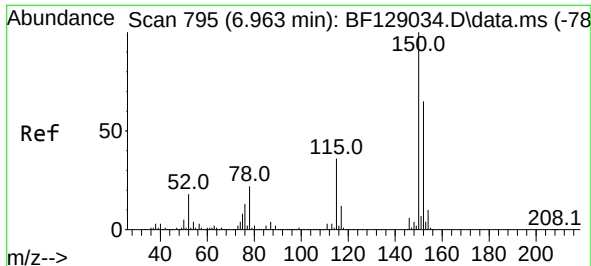
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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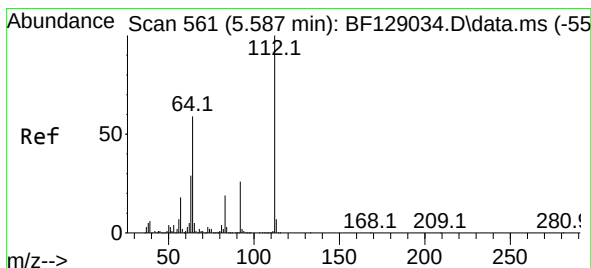
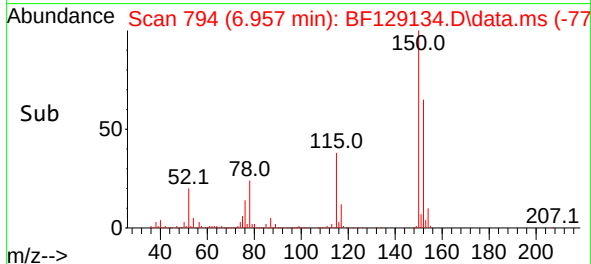
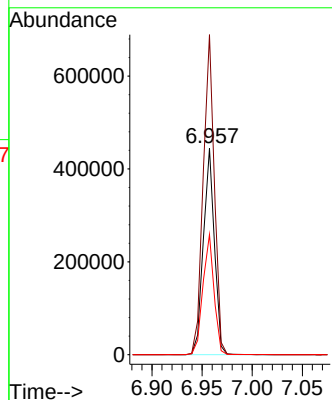
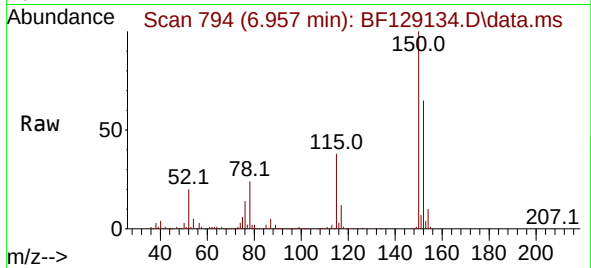




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.957 min Scan# 795
Delta R.T. -0.006 min
Lab File: BF129134.D
Acq: 05 Jul 2022 20:38

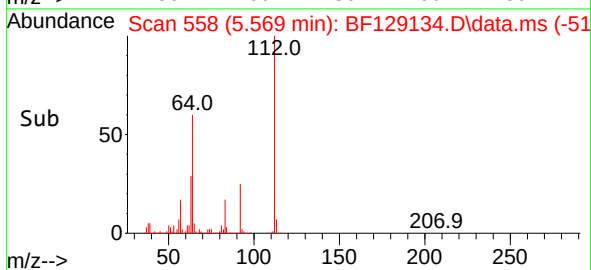
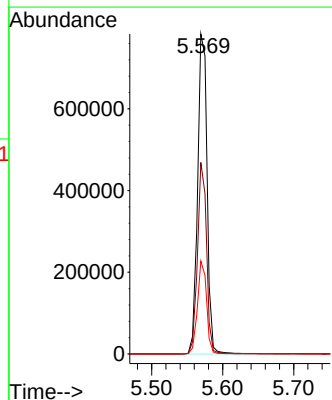
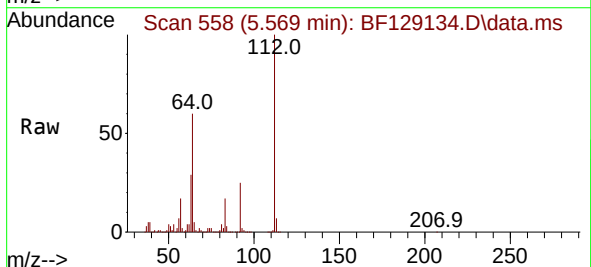
Instrument :
BNA_F
ClientSampleId :
OK-02-07012022

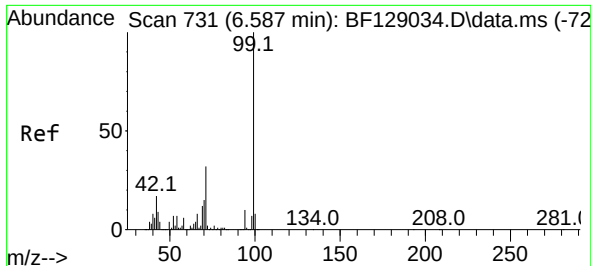
Tgt Ion:152 Resp: 343311
Ion Ratio Lower Upper
152 100
150 155.0 123.7 185.5
115 58.2 49.9 74.9



#5
2-Fluorophenol
Concen: 35.914 ng
RT: 5.569 min Scan# 558
Delta R.T. -0.018 min
Lab File: BF129134.D
Acq: 05 Jul 2022 20:38

Tgt Ion:112 Resp: 729290
Ion Ratio Lower Upper
112 100
64 59.9 53.3 79.9
63 29.0 28.0 42.0

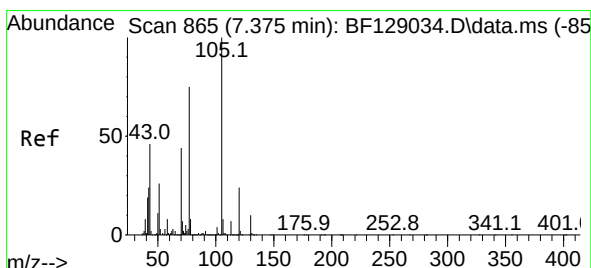
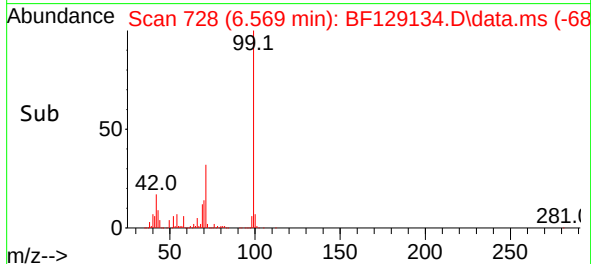
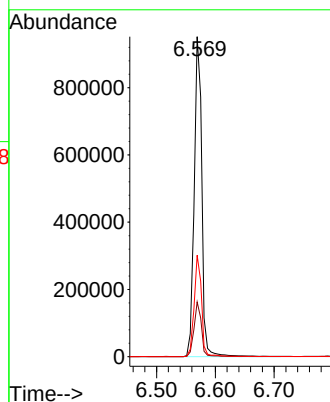
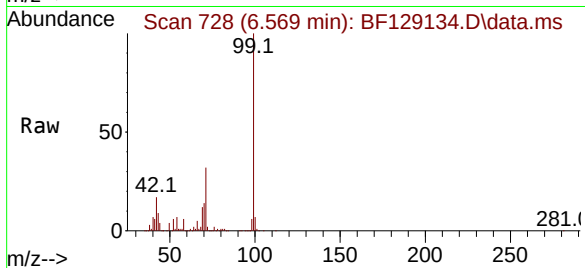




#7
Phenol-d6
Concen: 34.007 ng
RT: 6.569 min Scan# 71
Delta R.T. -0.018 min
Lab File: BF129134.D
Acq: 05 Jul 2022 20:38

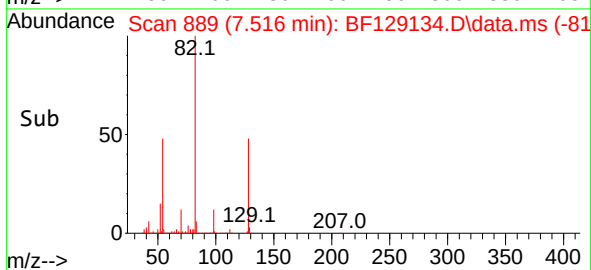
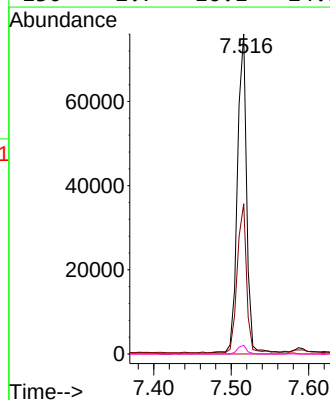
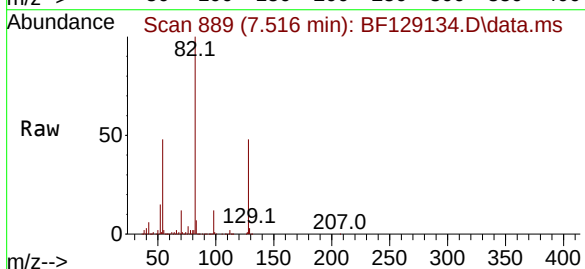
Instrument :
BNA_F
ClientSampleId :
OK-02-07012022

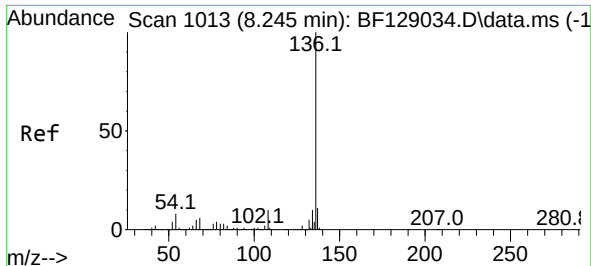
Tgt Ion: 99 Resp: 857658
Ion Ratio Lower Upper
99 100
42 17.1 17.3 25.9#
71 31.7 28.9 43.3



#19
n-Nitroso-di-n-propylamine
Concen: 4.389 ng
RT: 7.516 min Scan# 889
Delta R.T. 0.141 min
Lab File: BF129134.D
Acq: 05 Jul 2022 20:38

Tgt Ion: 70 Resp: 64029
Ion Ratio Lower Upper
70 100
42 46.9 52.3 78.5#
101 0.0 7.5 11.3#
130 2.7 16.1 24.1#

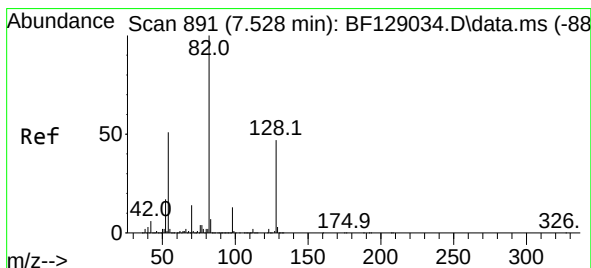
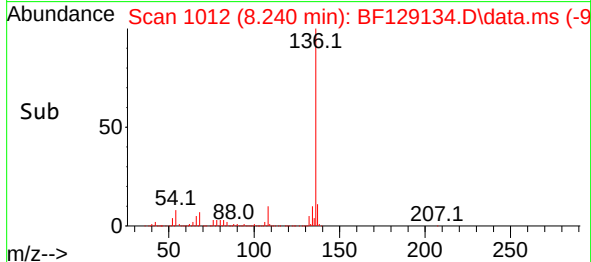
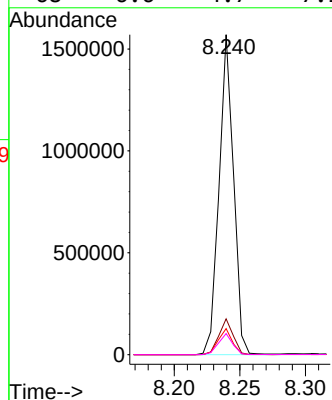
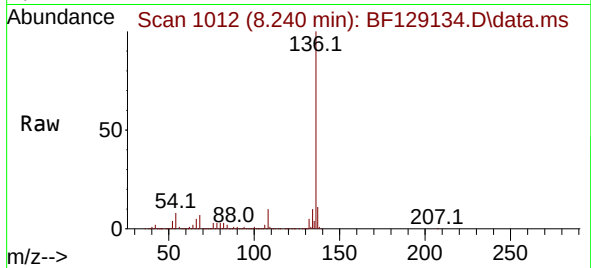




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.240 min Scan# 1013
Delta R.T. -0.005 min
Lab File: BF129134.D
Acq: 05 Jul 2022 20:38

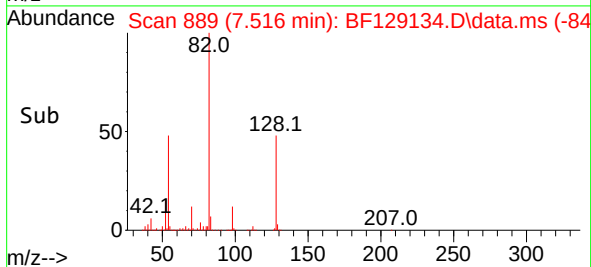
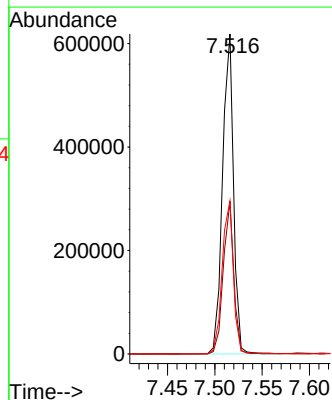
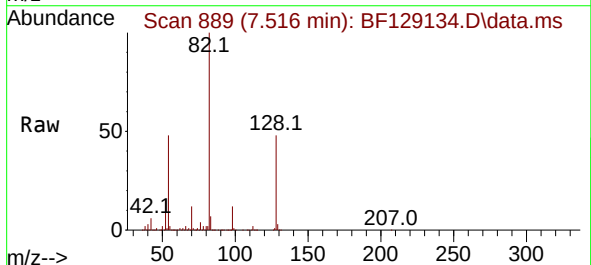
Instrument :
BNA_F
ClientSampleId :
OK-02-07012022

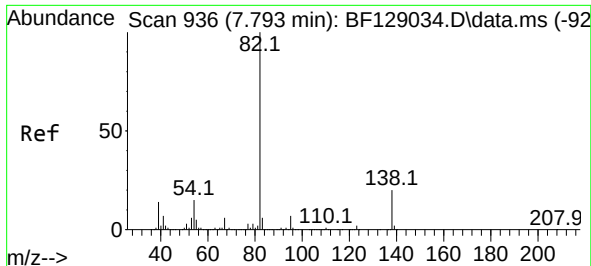
Tgt Ion:136 Resp: 1207041
Ion Ratio Lower Upper
136 100
137 11.2 8.8 13.2
54 8.1 7.5 11.3
68 6.6 4.7 7.1



#23
Nitrobenzene-d5
Concen: 24.747 ng
RT: 7.516 min Scan# 889
Delta R.T. -0.012 min
Lab File: BF129134.D
Acq: 05 Jul 2022 20:38

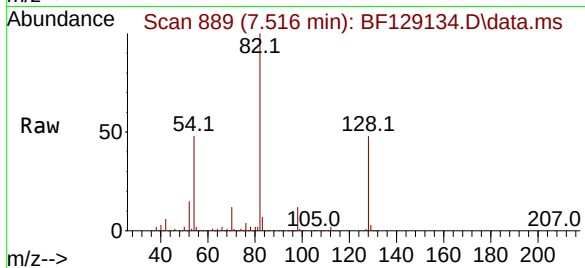
Tgt Ion: 82 Resp: 500805
Ion Ratio Lower Upper
82 100
128 47.6 34.0 51.0
54 47.8 46.9 70.3



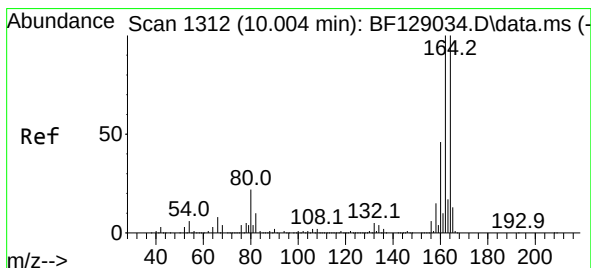
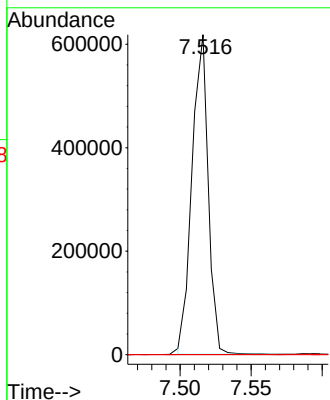
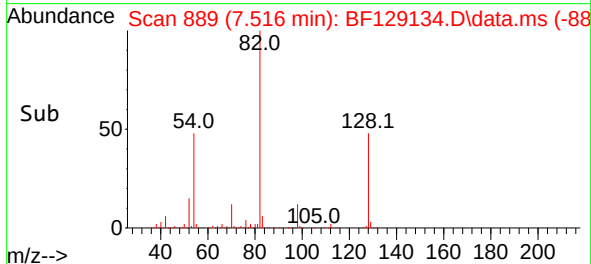


#25
Isophorone
Concen: 14.393 ng
RT: 7.516 min Scan# 889
Delta R.T. -0.276 min
Lab File: BF129134.D
Acq: 05 Jul 2022 20:38

Instrument :
BNA_F
ClientSampleId :
OK-02-07012022

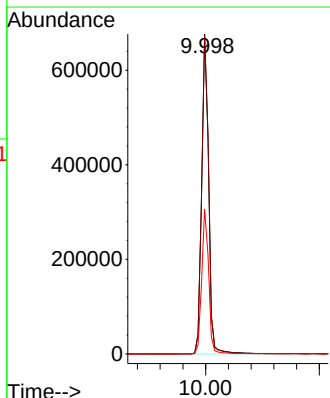
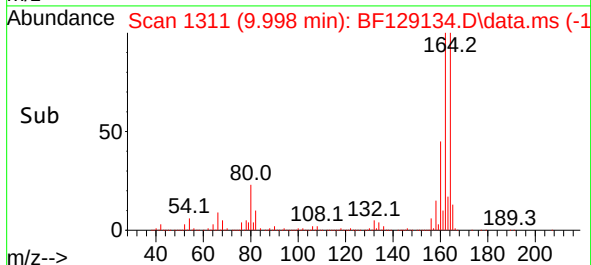
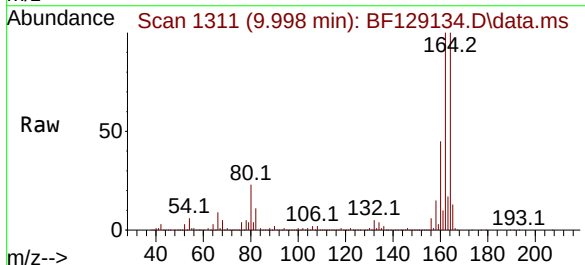


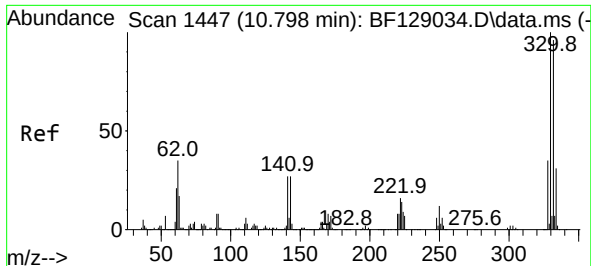
Tgt Ion: 82 Resp: 492237
Ion Ratio Lower Upper
82 100
95 0.1 5.7 8.5#
138 0.0 14.2 21.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.998 min Scan# 1311
Delta R.T. -0.006 min
Lab File: BF129134.D
Acq: 05 Jul 2022 20:38

Tgt Ion: 164 Resp: 572668
Ion Ratio Lower Upper
164 100
162 99.6 79.5 119.3
160 45.3 34.2 51.4





#42

2,4,6-Tribromophenol

Concen: 31.550 ng

RT: 10.786 min Scan# 1445

Delta R.T. -0.012 min

Lab File: BF129134.D

Acq: 05 Jul 2022 20:38

Instrument :

BNA_F

ClientSampleId :

OK-02-07012022

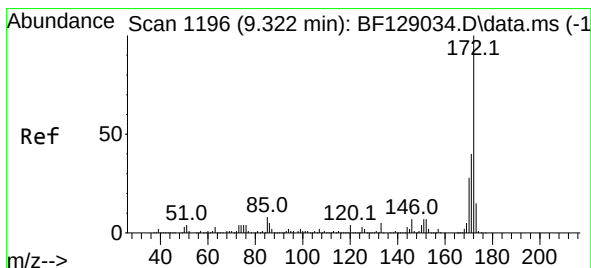
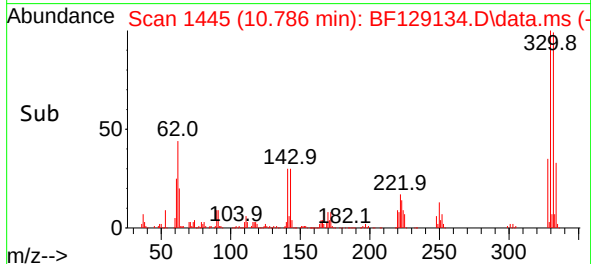
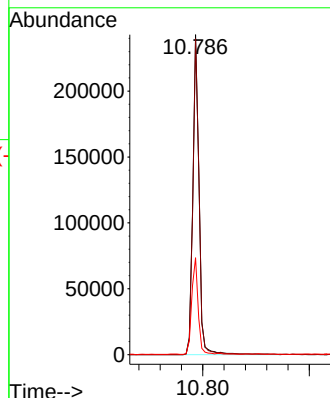
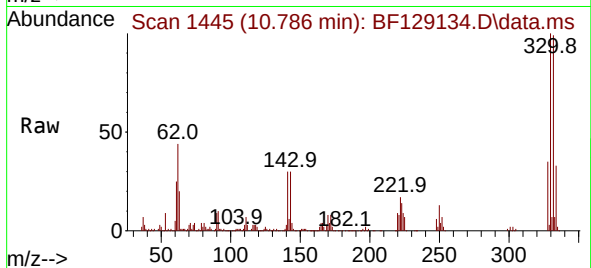
Tgt Ion:330 Resp: 196458

Ion Ratio Lower Upper

330 100

332 98.2 76.8 115.2

141 30.8 28.0 42.0



#45

2-Fluorobiphenyl

Concen: 27.495 ng

RT: 9.310 min Scan# 1194

Delta R.T. -0.012 min

Lab File: BF129134.D

Acq: 05 Jul 2022 20:38

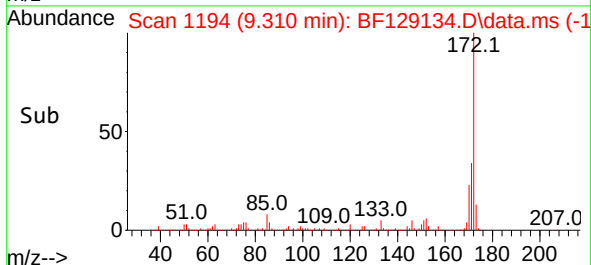
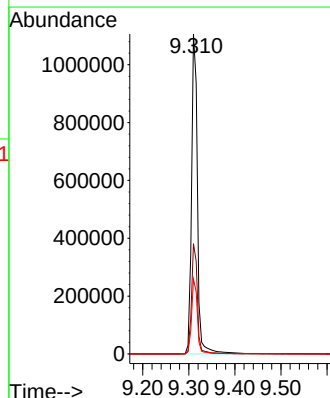
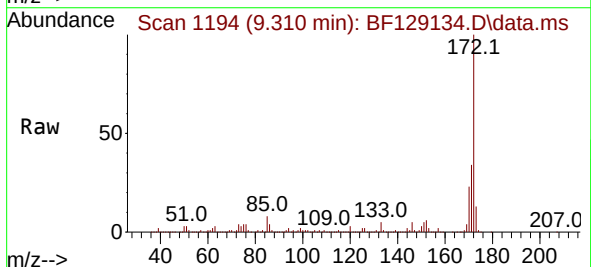
Tgt Ion:172 Resp: 984217

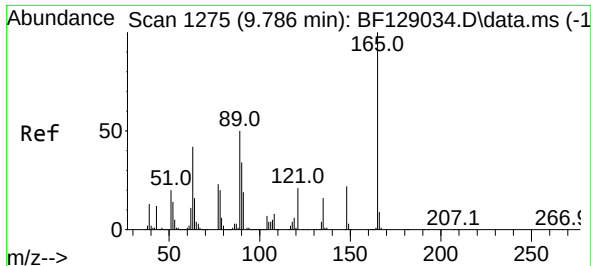
Ion Ratio Lower Upper

172 100

171 34.4 28.8 43.2

170 23.4 19.8 29.8

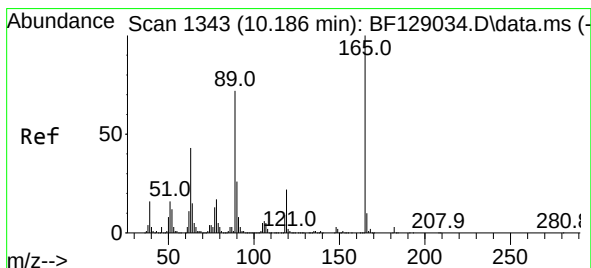
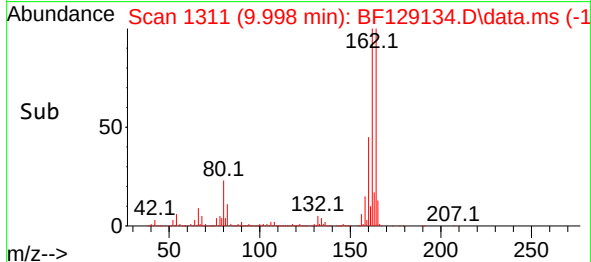
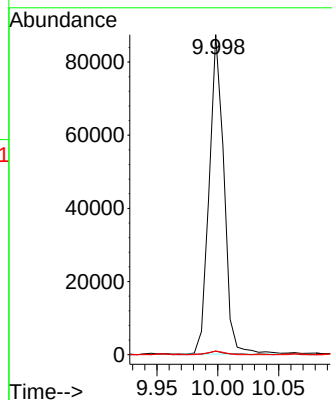
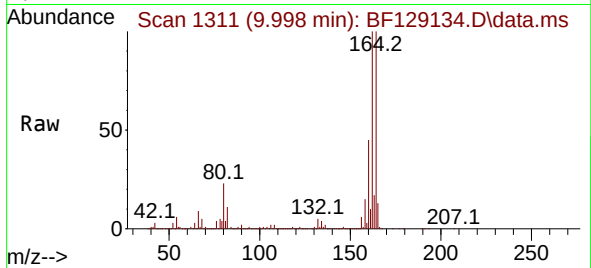




#51
2,6-Dinitrotoluene
Concen: 10.046 ng
RT: 9.998 min Scan# 1311
Delta R.T. 0.212 min
Lab File: BF129134.D
Acq: 05 Jul 2022 20:38

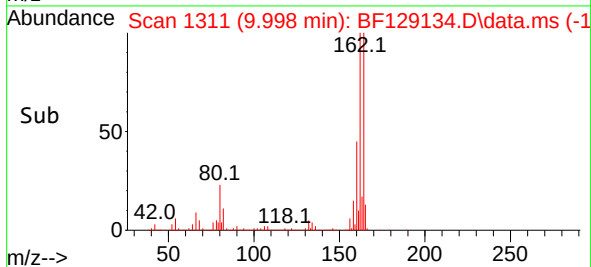
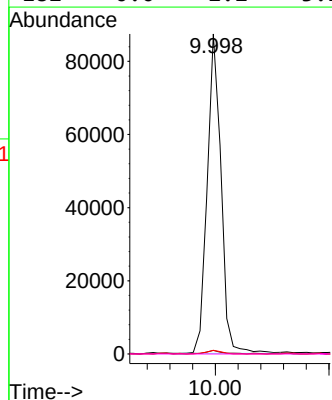
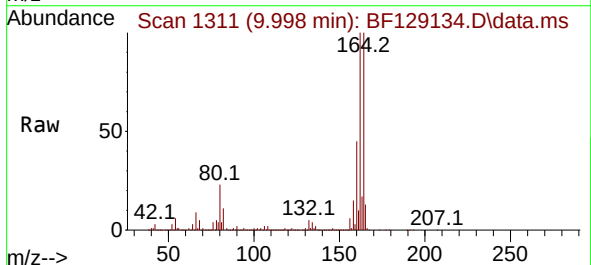
Instrument :
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OK-02-07012022

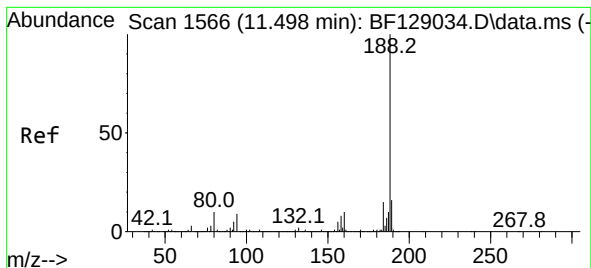
Tgt Ion:165 Resp: 73543
Ion Ratio Lower Upper
165 100
63 1.1 44.9 67.3#
89 1.1 43.6 65.4#



#57
2,4-Dinitrotoluene
Concen: 8.149 ng
RT: 9.998 min Scan# 1311
Delta R.T. -0.188 min
Lab File: BF129134.D
Acq: 05 Jul 2022 20:38

Tgt Ion:165 Resp: 73646
Ion Ratio Lower Upper
165 100
63 1.1 39.8 59.6#
89 1.1 60.2 90.2#
182 0.0 2.2 3.2#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.492 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF129134.D

Acq: 05 Jul 2022 20:38

Instrument :

BNA_F

ClientSampleId :

OK-02-07012022

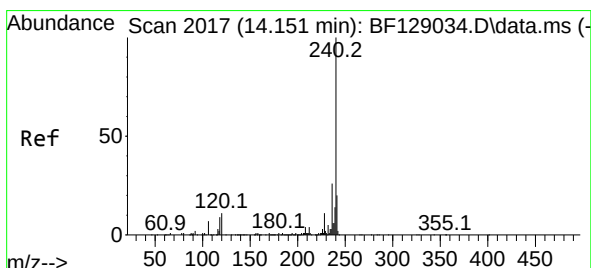
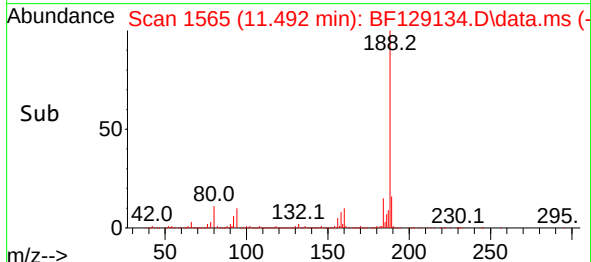
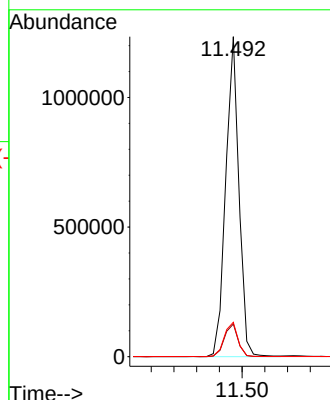
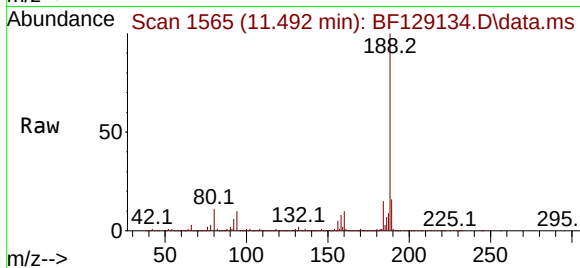
Tgt Ion:188 Resp: 997231

Ion Ratio Lower Upper

188 100

94 10.2 7.0 10.6

80 10.8 7.6 11.4



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.139 min Scan# 2015

Delta R.T. -0.012 min

Lab File: BF129134.D

Acq: 05 Jul 2022 20:38

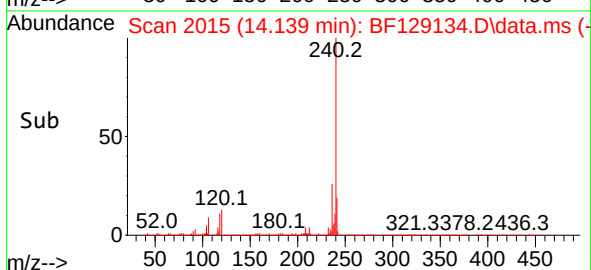
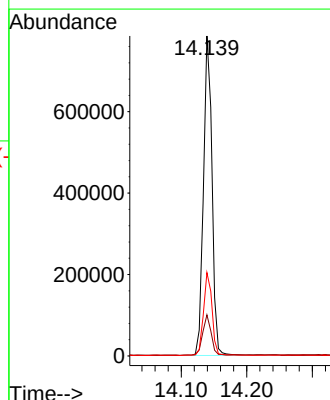
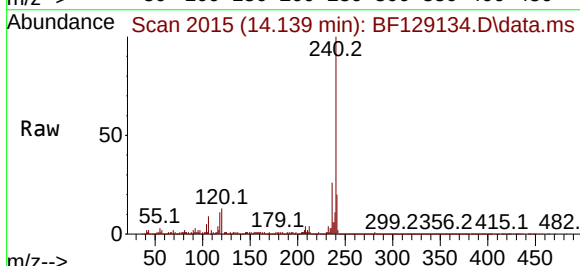
Tgt Ion:240 Resp: 712621

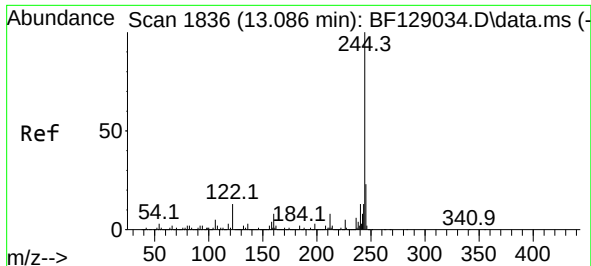
Ion Ratio Lower Upper

240 100

120 12.9 8.9 13.3

236 26.0 20.8 31.2

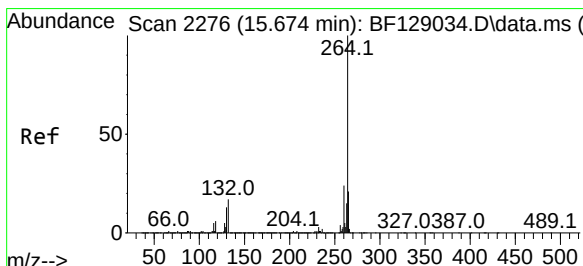
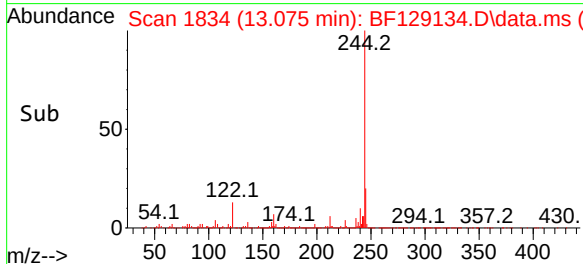
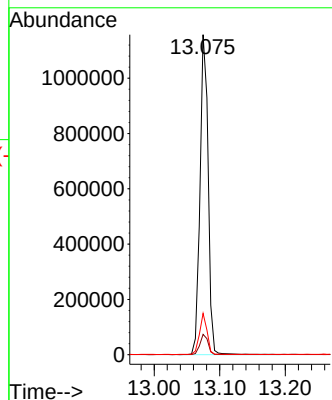
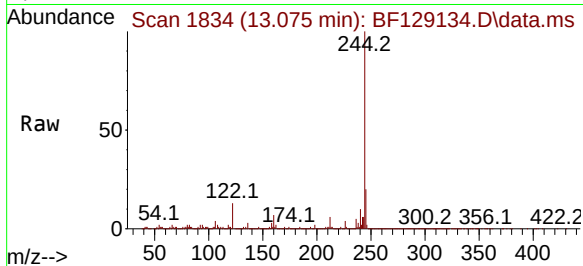




#79
 Terphenyl-d14
 Concen: 29.128 ng
 RT: 13.075 min Scan# 1834
 Delta R.T. -0.012 min
 Lab File: BF129134.D
 Acq: 05 Jul 2022 20:38

Instrument :
 BNA_F
 ClientSampleId :
 OK-02-07012022

Tgt Ion:244 Resp: 999547
 Ion Ratio Lower Upper
 244 100
 212 6.3 6.1 9.1
 122 12.9 8.8 13.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.668 min Scan# 2275
 Delta R.T. -0.006 min
 Lab File: BF129134.D
 Acq: 05 Jul 2022 20:38

Tgt Ion:264 Resp: 534994
 Ion Ratio Lower Upper
 264 100
 260 24.6 18.4 27.6
 265 23.0 17.2 25.8

