

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070722\
 Data File : BF129154.D
 Acq On : 07 Jul 2022 11:46
 Operator : CG\JU
 Sample : PB146026BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB146026BL

Quant Time: Jul 07 14:25:17 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)

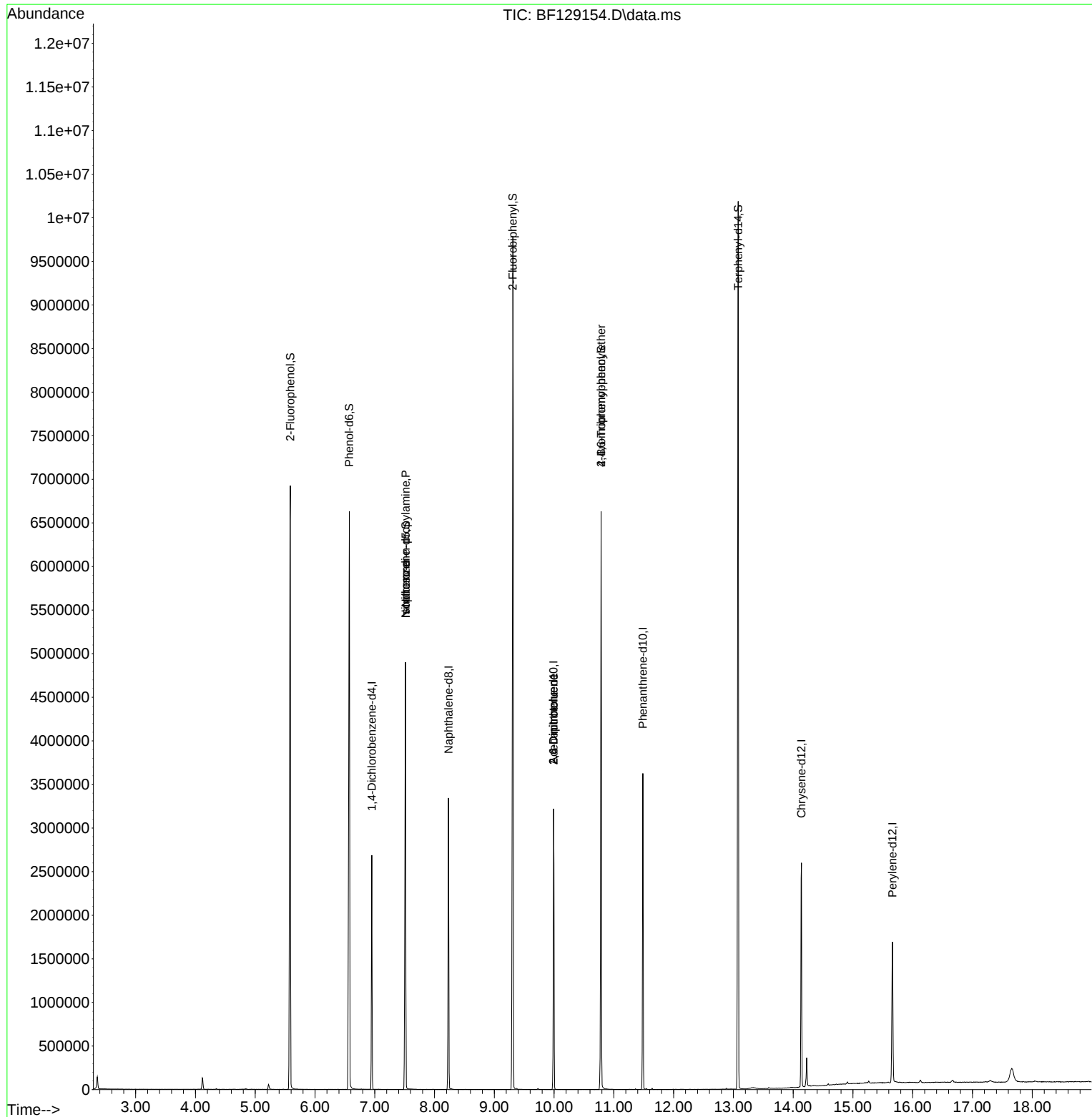
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.951	152	371515	20.000	ng	-0.01
21) Naphthalene-d8	8.234	136	1440251	20.000	ng	-0.01
39) Acenaphthene-d10	9.992	164	681905	20.000	ng	-0.01
64) Phenanthrene-d10	11.486	188	1244893	20.000	ng	-0.01
76) Chrysene-d12	14.139	240	913564	20.000	ng	-0.01
86) Perylene-d12	15.663	264	753782	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.587	112	2200351	100.130	ng	0.00
7) Phenol-d6	6.575	99	2794876	102.406	ng	-0.01
23) Nitrobenzene-d5	7.516	82	1765057	73.098	ng	-0.01
42) 2,4,6-Tribromophenol	10.786	330	912146	123.019	ng	-0.01
45) 2-Fluorobiphenyl	9.310	172	3396950	79.694	ng	-0.01
79) Terphenyl-d14	13.080	244	3793937	86.240	ng	0.00
Target Compounds						
					Qvalue	
9) Benzaldehyde	6.504	77	239	Below Cal	#	30
19) n-Nitroso-di-n-propyla...	7.516	70	230833	14.621	ng	# 70
25) Isophorone	7.516	82	1720259	42.154	ng	# 65
51) 2,6-Dinitrotoluene	9.992	165	88555	10.159	ng	# 25
57) 2,4-Dinitrotoluene	9.992	165	88555	8.229	ng	# 21
67) 4-Bromophenyl-phenylether	10.786	248	54370	4.106	ng	# 1

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

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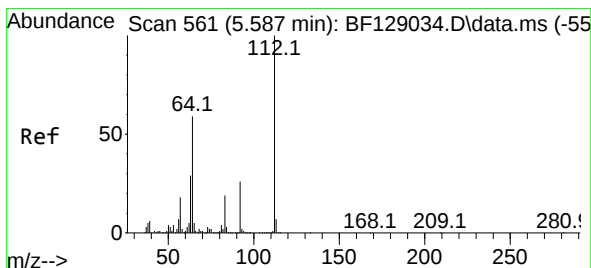
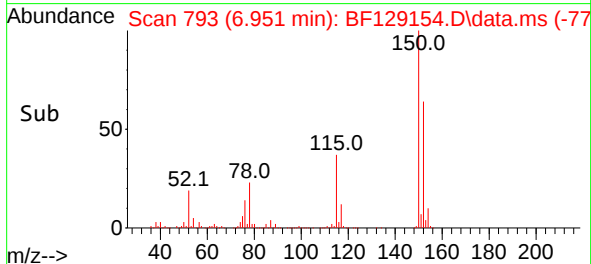
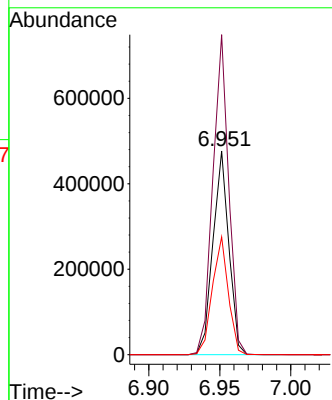
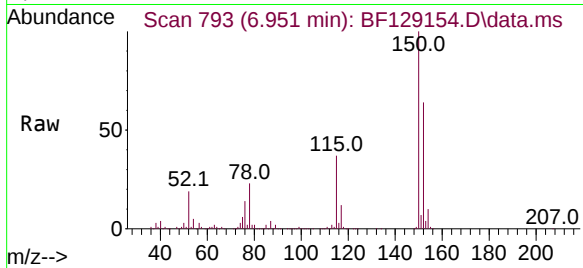




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.951 min Scan# 795
Delta R.T. -0.012 min
Lab File: BF129154.D
Acq: 07 Jul 2022 11:46

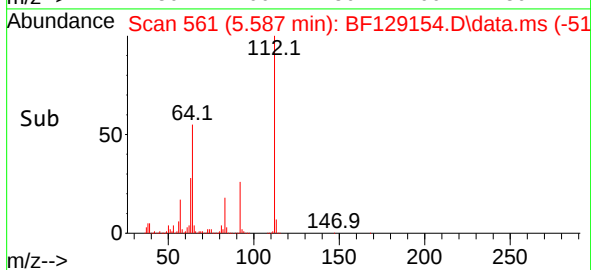
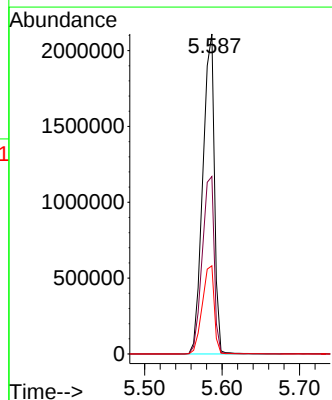
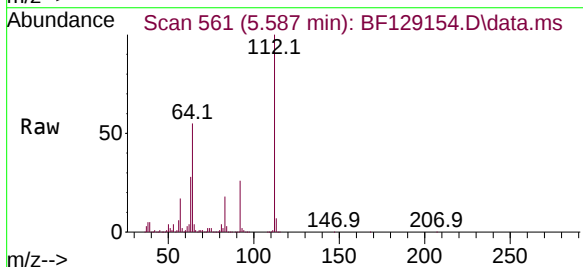
Instrument :
BNA_F
ClientSampleId :
PB146026BL

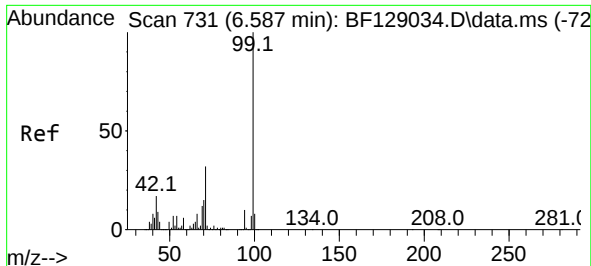
Tgt Ion:152 Resp: 371515
Ion Ratio Lower Upper
152 100
150 157.1 123.7 185.5
115 57.8 49.9 74.9



#5
2-Fluorophenol
Concen: 100.130 ng
RT: 5.587 min Scan# 561
Delta R.T. -0.000 min
Lab File: BF129154.D
Acq: 07 Jul 2022 11:46

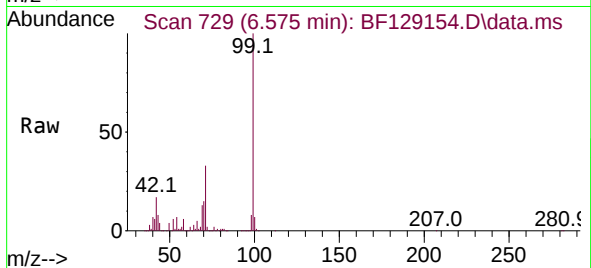
Tgt Ion:112 Resp: 2200351
Ion Ratio Lower Upper
112 100
64 55.4 53.3 79.9
63 27.5 28.0 42.0#



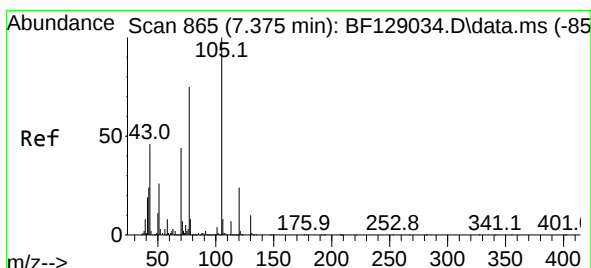
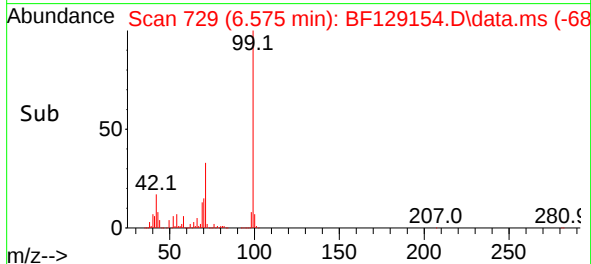
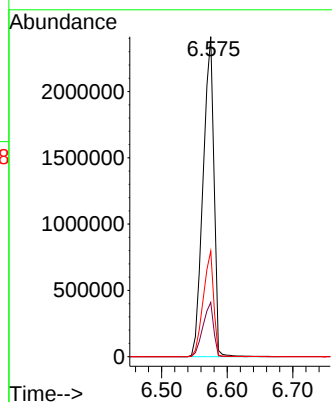


#7
Phenol-d6
Concen: 102.406 ng
RT: 6.575 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF129154.D
Acq: 07 Jul 2022 11:46

Instrument :
BNA_F
ClientSampleId :
PB146026BL

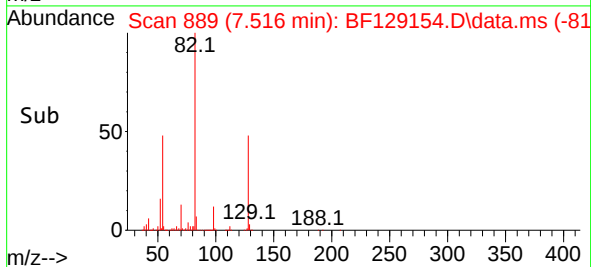
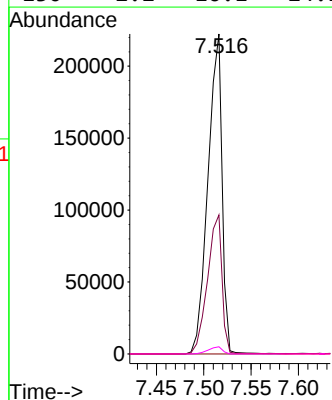
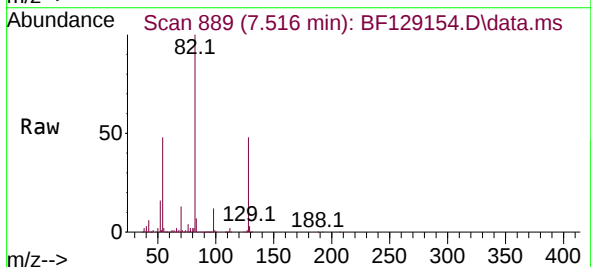


Tgt Ion: 99 Resp: 2794876
Ion Ratio Lower Upper
99 100
42 17.0 17.3 25.9#
71 33.1 28.9 43.3



#19
n-Nitroso-di-n-propylamine
Concen: 14.621 ng
RT: 7.516 min Scan# 889
Delta R.T. 0.141 min
Lab File: BF129154.D
Acq: 07 Jul 2022 11:46

Tgt Ion: 70 Resp: 230833
Ion Ratio Lower Upper
70 100
42 43.5 52.3 78.5#
101 0.0 7.5 11.3#
130 2.2 16.1 24.1#

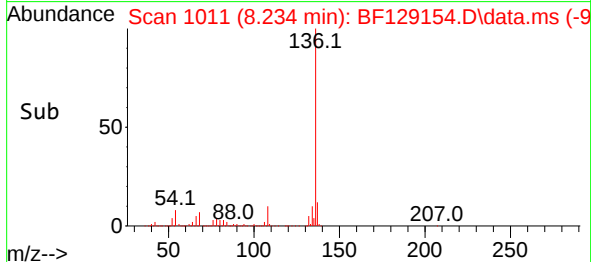
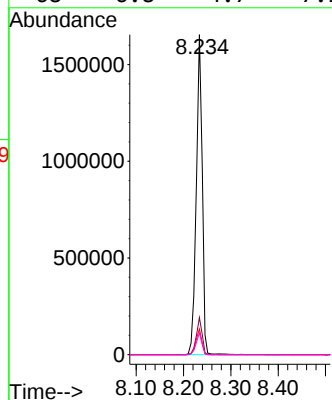
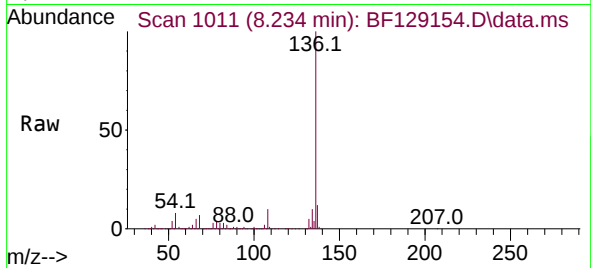




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.234 min Scan# 1011
Delta R.T. -0.011 min
Lab File: BF129154.D
Acq: 07 Jul 2022 11:46

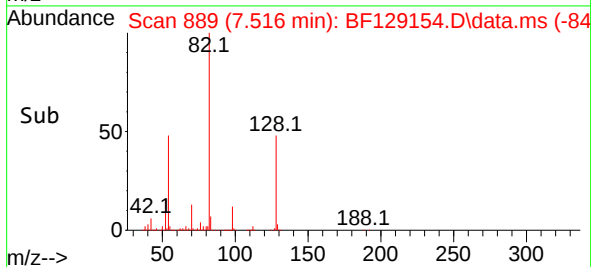
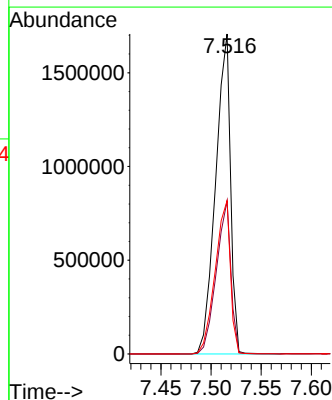
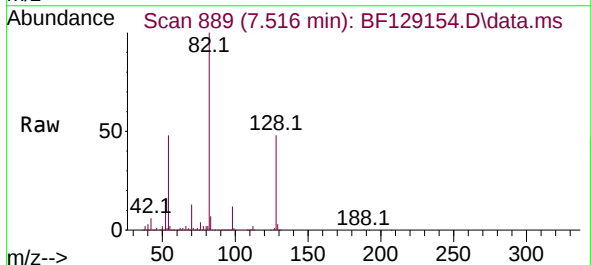
Instrument :
BNA_F
ClientSampleId :
PB146026BL

Tgt Ion:136 Resp: 1440251
Ion Ratio Lower Upper
136 100
137 11.6 8.8 13.2
54 8.0 7.5 11.3
68 6.8 4.7 7.1



#23
Nitrobenzene-d5
Concen: 73.098 ng
RT: 7.516 min Scan# 889
Delta R.T. -0.012 min
Lab File: BF129154.D
Acq: 07 Jul 2022 11:46

Tgt Ion: 82 Resp: 1765057
Ion Ratio Lower Upper
82 100
128 47.9 34.0 51.0
54 47.9 46.9 70.3

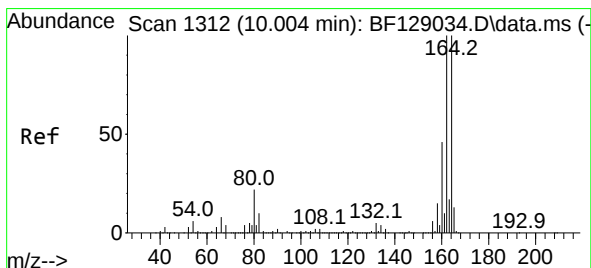
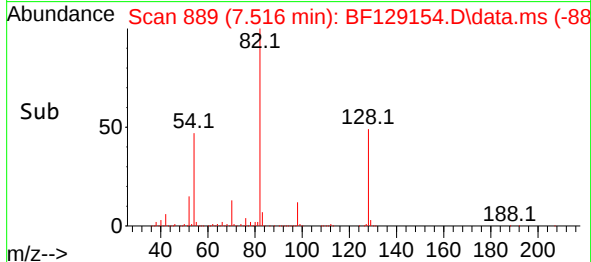
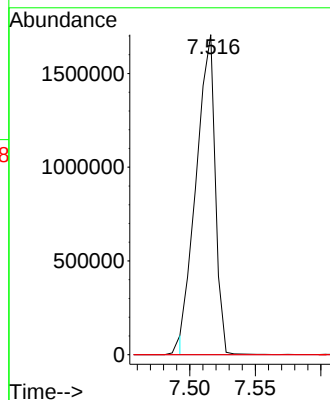
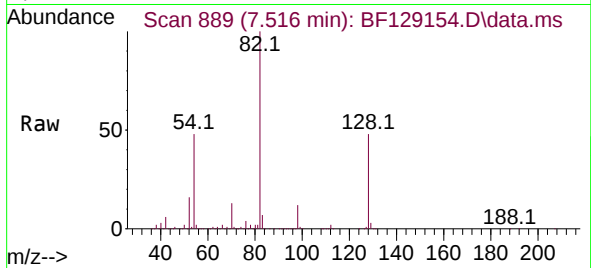




#25
Isophorone
Concen: 42.154 ng
RT: 7.516 min Scan# 81
Delta R.T. -0.277 min
Lab File: BF129154.D
Acq: 07 Jul 2022 11:46

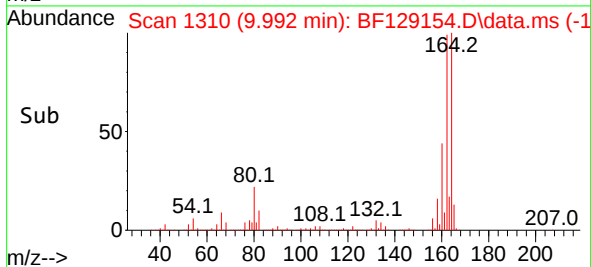
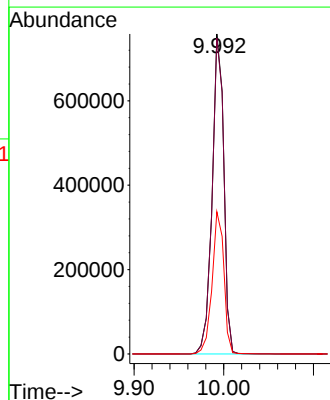
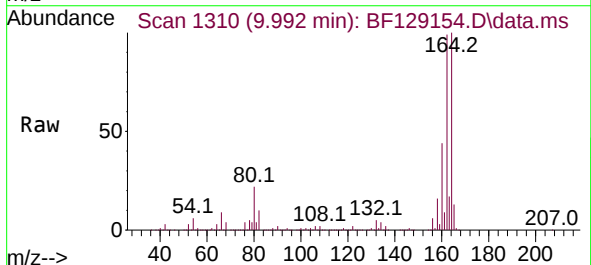
Instrument :
BNA_F
ClientSampleId :
PB146026BL

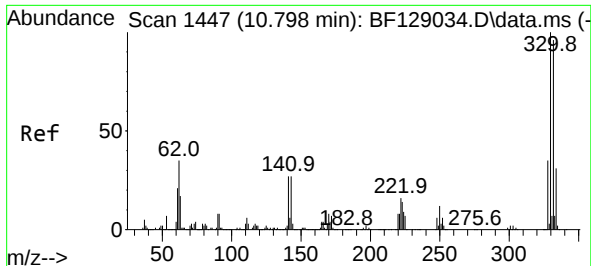
Tgt Ion: 82 Resp: 1720259
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 14.2 21.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.992 min Scan# 1310
Delta R.T. -0.012 min
Lab File: BF129154.D
Acq: 07 Jul 2022 11:46

Tgt Ion:164 Resp: 681905
Ion Ratio Lower Upper
164 100
162 98.7 79.5 119.3
160 44.4 34.2 51.4





#42

2,4,6-Tribromophenol

Concen: 123.019 ng

RT: 10.786 min Scan# 1445

Delta R.T. -0.012 min

Lab File: BF129154.D

Acq: 07 Jul 2022 11:46

Instrument :

BNA_F

ClientSampleId :

PB146026BL

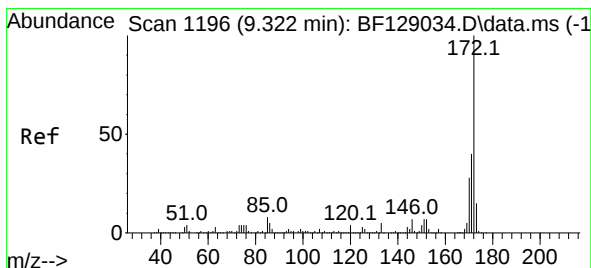
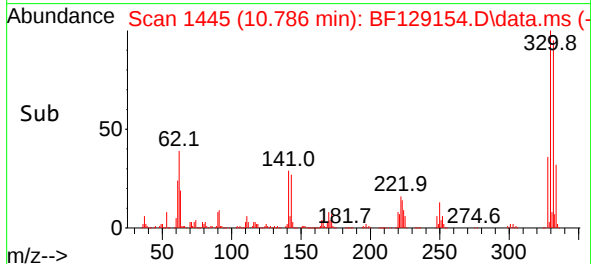
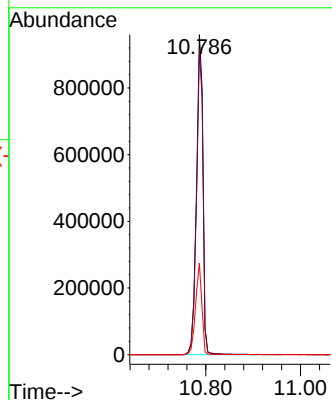
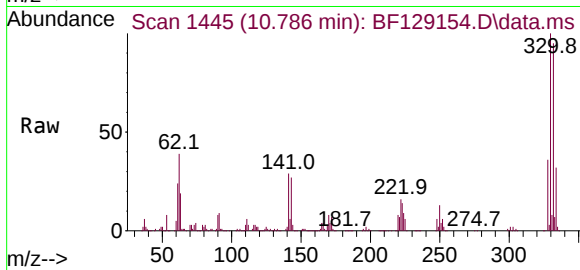
Tgt Ion:330 Resp: 912146

Ion Ratio Lower Upper

330 100

332 95.9 76.8 115.2

141 27.9 28.0 42.0#



#45

2-Fluorobiphenyl

Concen: 79.694 ng

RT: 9.310 min Scan# 1194

Delta R.T. -0.012 min

Lab File: BF129154.D

Acq: 07 Jul 2022 11:46

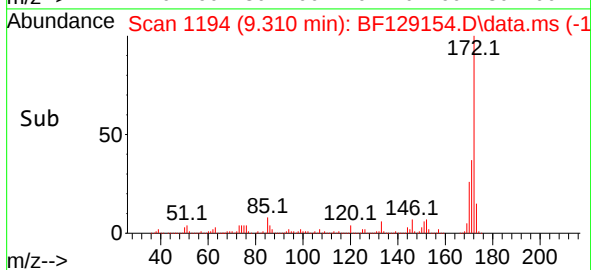
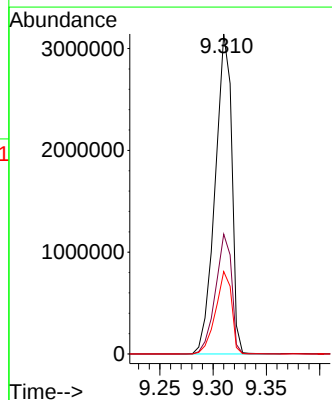
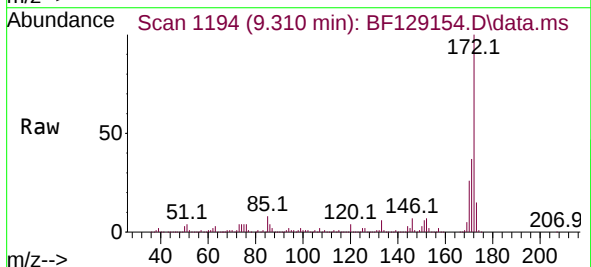
Tgt Ion:172 Resp: 3396950

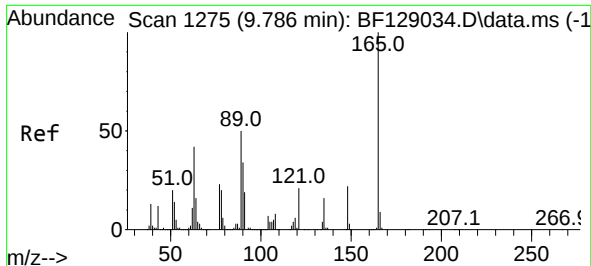
Ion Ratio Lower Upper

172 100

171 37.5 28.8 43.2

170 25.8 19.8 29.8

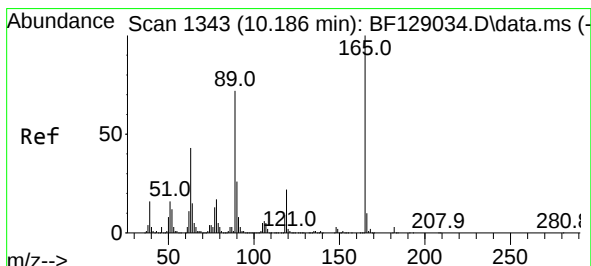
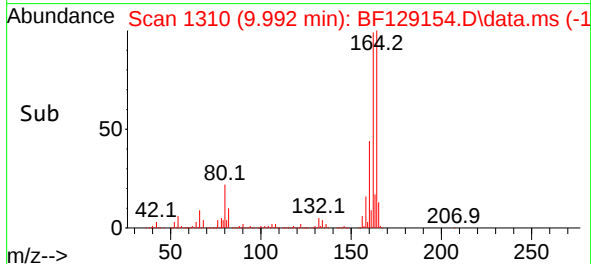
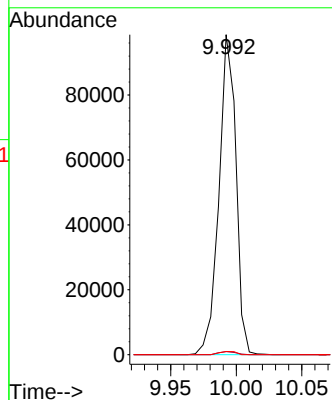
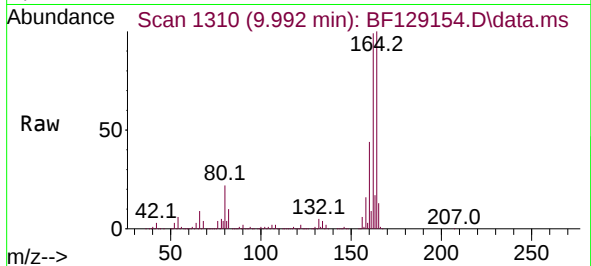




#51
2,6-Dinitrotoluene
Concen: 10.159 ng
RT: 9.992 min Scan# 1310
Delta R.T. 0.206 min
Lab File: BF129154.D
Acq: 07 Jul 2022 11:46

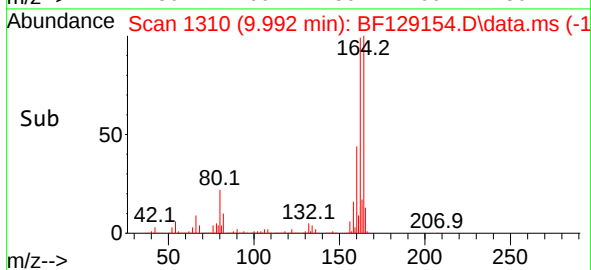
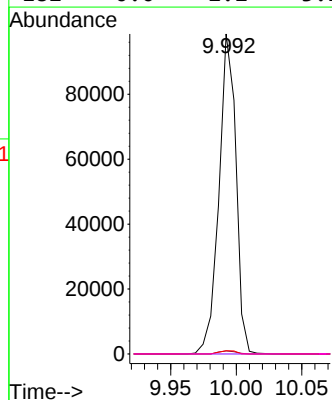
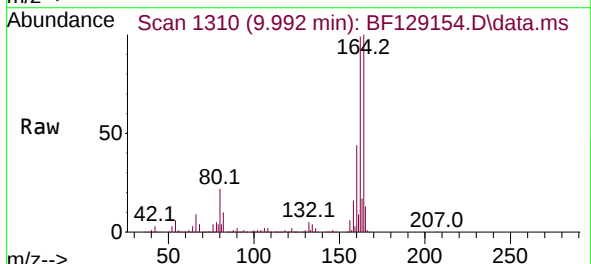
Instrument :
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ClientSampleId :
PB146026BL

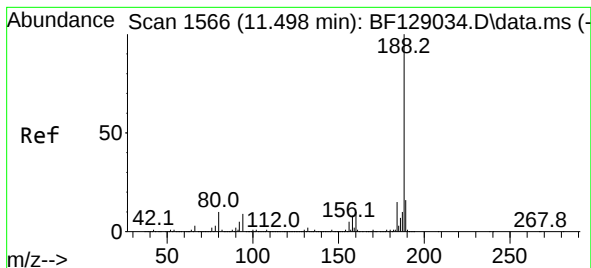
Tgt Ion:165 Resp: 88555
Ion Ratio Lower Upper
165 100
63 1.0 44.9 67.3#
89 1.0 43.6 65.4#



#57
2,4-Dinitrotoluene
Concen: 8.229 ng
RT: 9.992 min Scan# 1310
Delta R.T. -0.194 min
Lab File: BF129154.D
Acq: 07 Jul 2022 11:46

Tgt Ion:165 Resp: 88555
Ion Ratio Lower Upper
165 100
63 1.0 39.8 59.6#
89 1.0 60.2 90.2#
182 0.0 2.2 3.2#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.486 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF129154.D

Acq: 07 Jul 2022 11:46

Instrument :

BNA_F

ClientSampleId :

PB146026BL

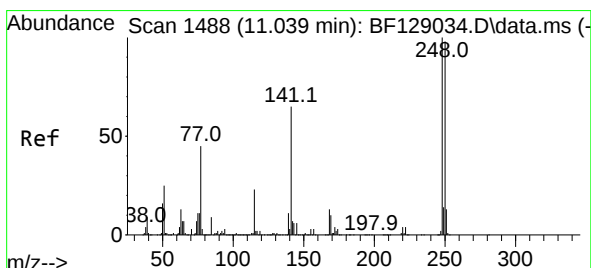
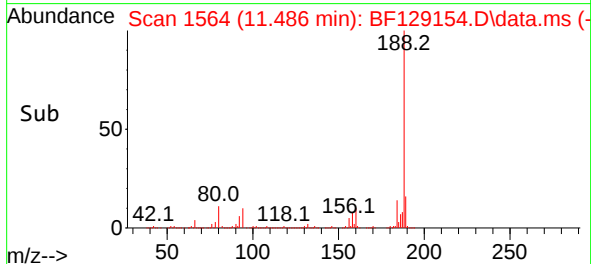
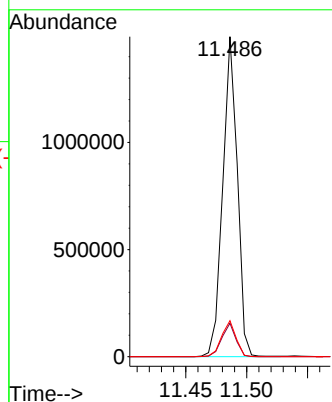
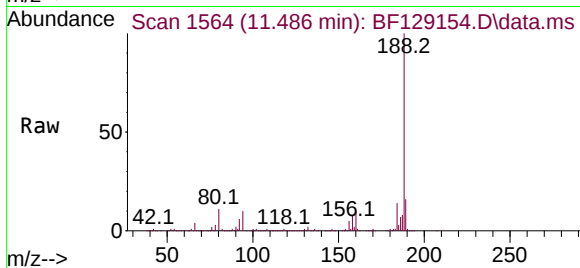
Tgt Ion:188 Resp: 1244893

Ion Ratio Lower Upper

188 100

94 10.5 7.0 10.6

80 11.2 7.6 11.4



#67

4-Bromophenyl-phenylether

Concen: 4.106 ng

RT: 10.786 min Scan# 1445

Delta R.T. -0.253 min

Lab File: BF129154.D

Acq: 07 Jul 2022 11:46

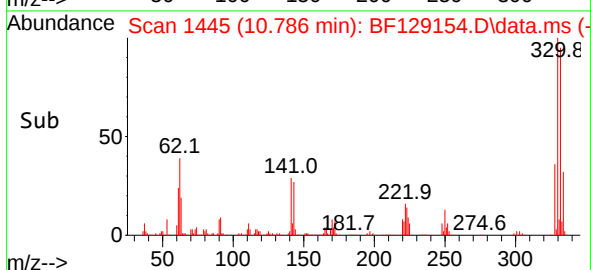
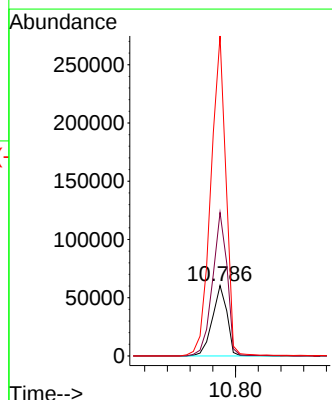
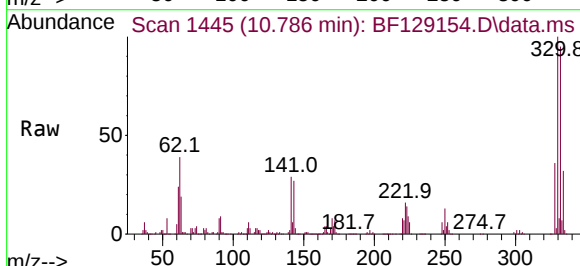
Tgt Ion:248 Resp: 54370

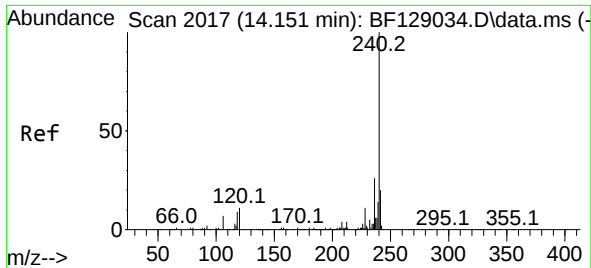
Ion Ratio Lower Upper

248 100

250 204.0 80.6 120.8#

141 454.8 58.9 88.3#

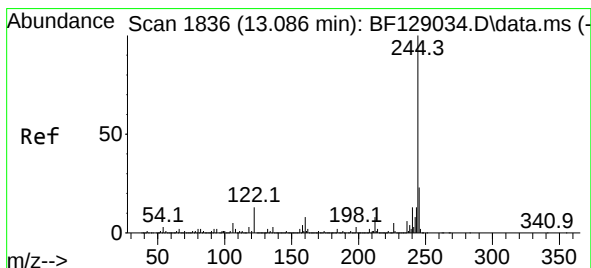
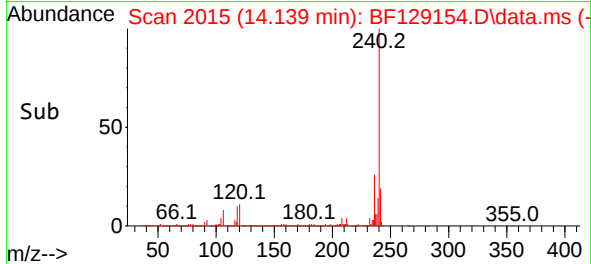
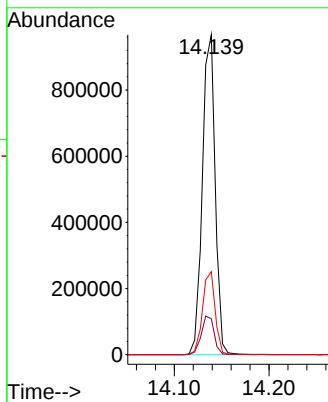
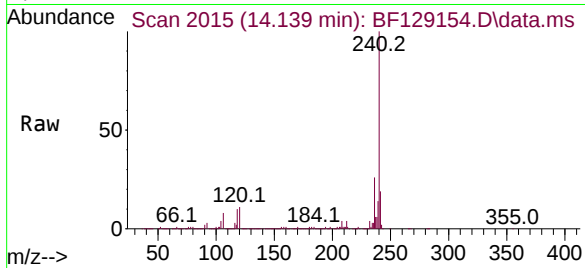




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.139 min Scan# 20
Delta R.T. -0.012 min
Lab File: BF129154.D
Acq: 07 Jul 2022 11:46

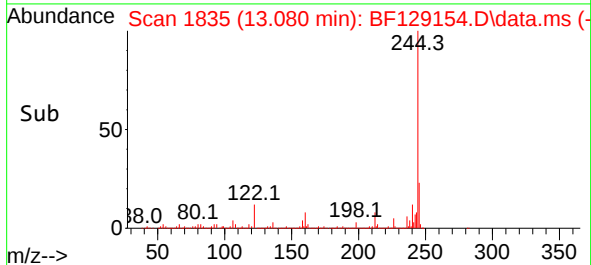
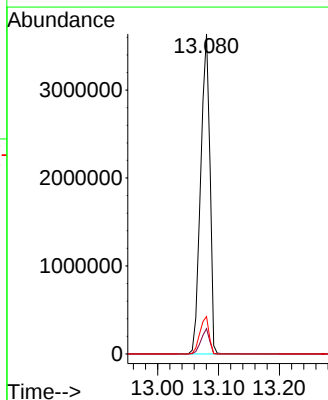
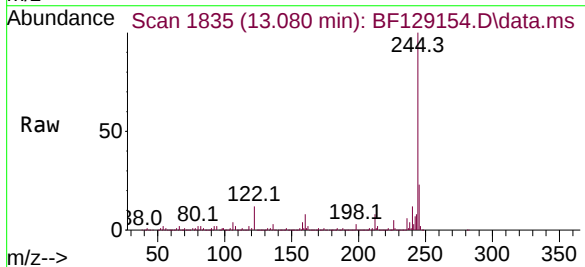
Instrument :
BNA_F
ClientSampleId :
PB146026BL

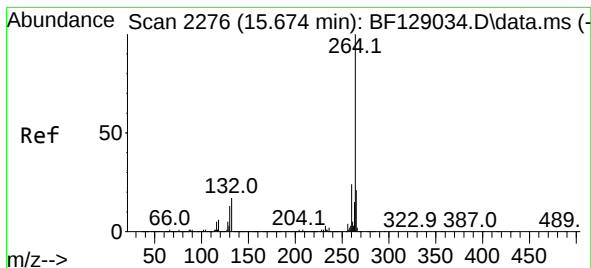
Tgt Ion:240 Resp: 913564
Ion Ratio Lower Upper
240 100
120 11.2 8.9 13.3
236 25.9 20.8 31.2



#79
Terphenyl-d14
Concen: 86.240 ng
RT: 13.080 min Scan# 1835
Delta R.T. -0.006 min
Lab File: BF129154.D
Acq: 07 Jul 2022 11:46

Tgt Ion:244 Resp: 3793937
Ion Ratio Lower Upper
244 100
212 7.9 6.1 9.1
122 11.7 8.8 13.2





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.663 min Scan# 21
 Delta R.T. -0.012 min
 Lab File: BF129154.D
 Acq: 07 Jul 2022 11:46

Instrument :
 BNA_F
 ClientSampleId :
 PB146026BL

Tgt Ion:264 Resp: 753782
 Ion Ratio Lower Upper
 264 100
 260 23.6 18.4 27.6
 265 21.3 17.2 25.8

