

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070722\
 Data File : BF129158.D
 Acq On : 07 Jul 2022 14:45
 Operator : CG\JU
 Sample : N3597-02
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 20220507-COMPOSITE-B

Quant Time: Jul 07 15:35:21 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)

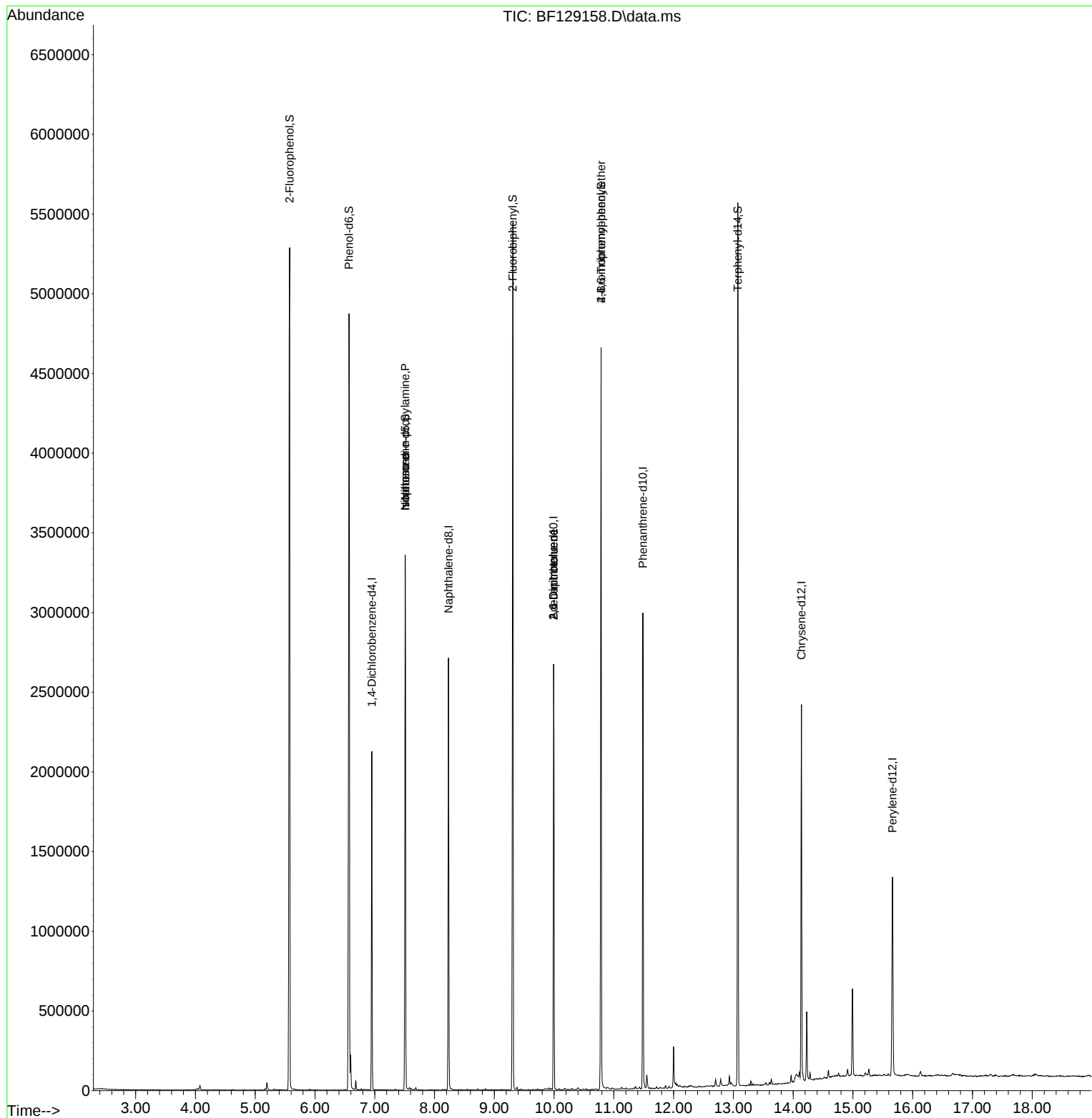
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.951	152	289492	20.000	ng	-0.01
21) Naphthalene-d8	8.233	136	1116414	20.000	ng	-0.01
39) Acenaphthene-d10	9.992	164	543474	20.000	ng	-0.01
64) Phenanthrene-d10	11.486	188	1033248	20.000	ng	#-0.01
76) Chrysene-d12	14.139	240	760371	20.000	ng	-0.01
86) Perylene-d12	15.662	264	579881	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.575	112	1533711	89.569	ng	-0.01
7) Phenol-d6	6.569	99	1923815	90.462	ng	-0.02
23) Nitrobenzene-d5	7.510	82	1099226	58.728	ng	-0.02
42) 2,4,6-Tribromophenol	10.786	330	570950	96.616	ng	-0.01
45) 2-Fluorobiphenyl	9.310	172	1567987	46.156	ng	-0.01
79) Terphenyl-d14	13.074	244	1924431	52.558	ng	-0.01
Target Compounds						Qvalue
9) Benzaldehyde	6.504	77	468	Below Cal	#	79
19) n-Nitroso-di-n-propyla...	7.510	70	141635	11.513	ng	# 72
25) Isophorone	7.510	82	1085262	34.308	ng	# 65
51) 2,6-Dinitrotoluene	9.992	165	69874	10.057	ng	# 25
57) 2,4-Dinitrotoluene	9.992	165	69874	8.147	ng	# 21
67) 4-Bromophenyl-phenylether	10.786	248	33836	3.079	ng	# 1

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

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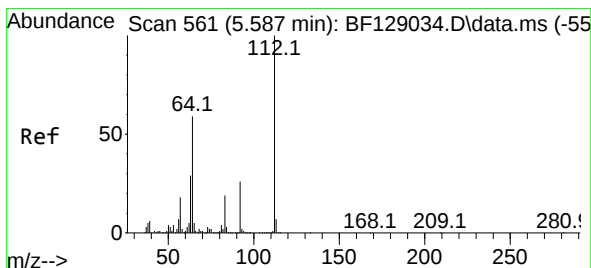
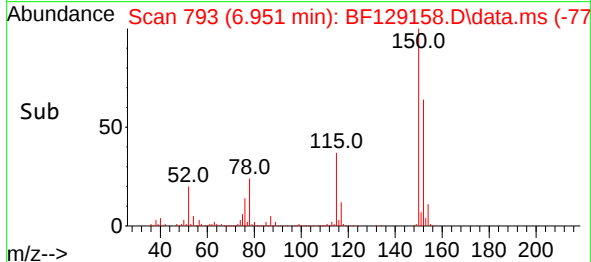
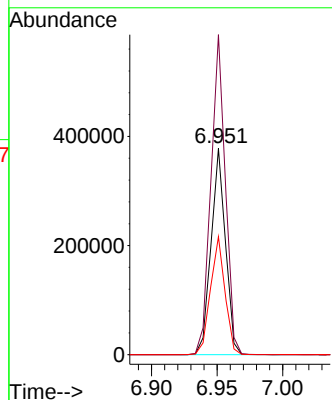
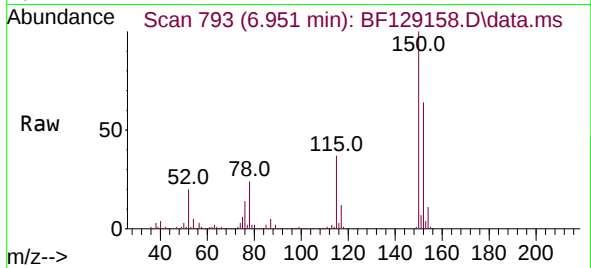




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.951 min Scan# 795
Delta R.T. -0.012 min
Lab File: BF129158.D
Acq: 07 Jul 2022 14:45

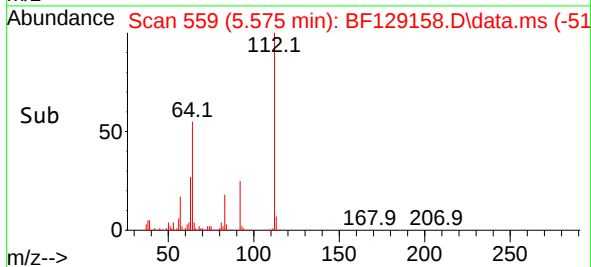
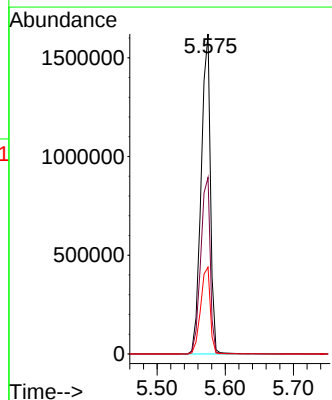
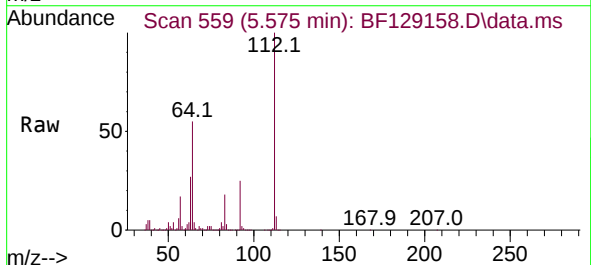
Instrument :
BNA_F
ClientSampleId :
20220507-COMPOSITE-B

Tgt Ion:152 Resp: 289492
Ion Ratio Lower Upper
152 100
150 155.1 123.7 185.5
115 57.2 49.9 74.9



#5
2-Fluorophenol
Concen: 89.569 ng
RT: 5.575 min Scan# 559
Delta R.T. -0.012 min
Lab File: BF129158.D
Acq: 07 Jul 2022 14:45

Tgt Ion:112 Resp: 1533711
Ion Ratio Lower Upper
112 100
64 55.1 53.3 79.9
63 27.1 28.0 42.0#

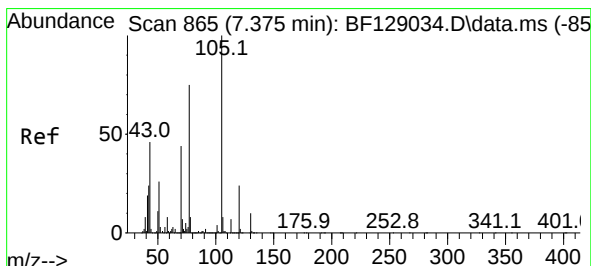
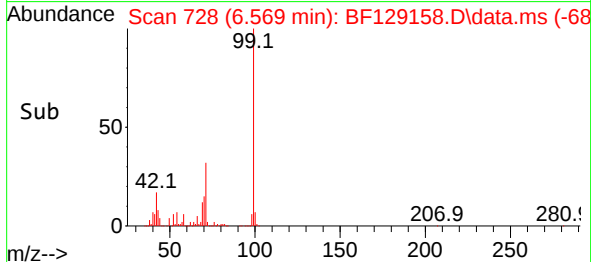
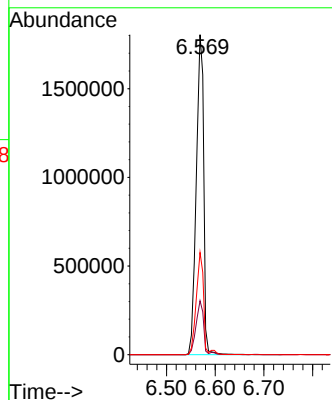
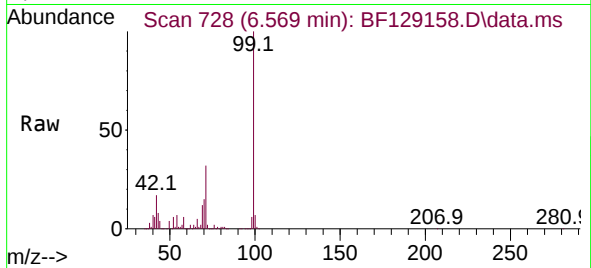




#7
Phenol-d6
Concen: 90.462 ng
RT: 6.569 min Scan# 71
Delta R.T. -0.018 min
Lab File: BF129158.D
Acq: 07 Jul 2022 14:45

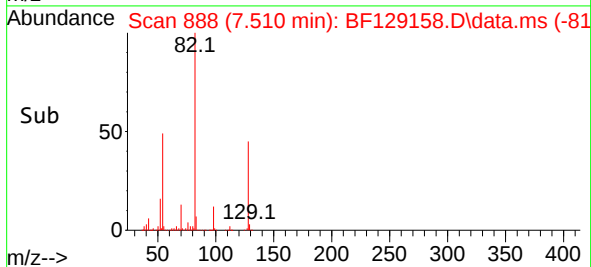
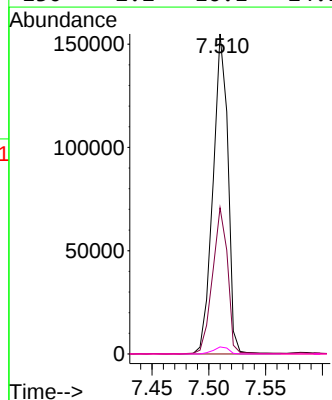
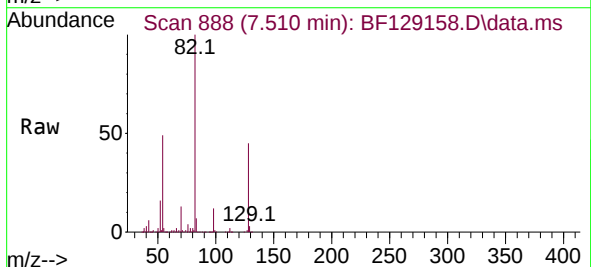
Instrument :
BNA_F
ClientSampleId :
20220507-COMPOSITE-B

Tgt Ion: 99 Resp: 1923815
Ion Ratio Lower Upper
99 100
42 16.9 17.3 25.9#
71 31.9 28.9 43.3



#19
n-Nitroso-di-n-propylamine
Concen: 11.513 ng
RT: 7.510 min Scan# 888
Delta R.T. 0.135 min
Lab File: BF129158.D
Acq: 07 Jul 2022 14:45

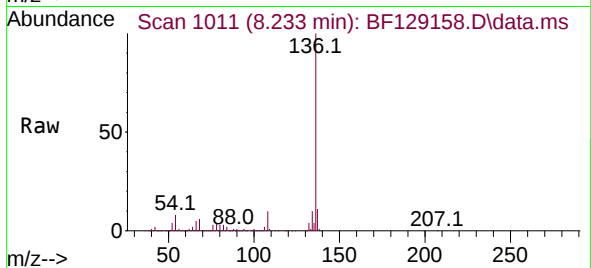
Tgt Ion: 70 Resp: 141635
Ion Ratio Lower Upper
70 100
42 45.7 52.3 78.5#
101 0.0 7.5 11.3#
130 2.2 16.1 24.1#





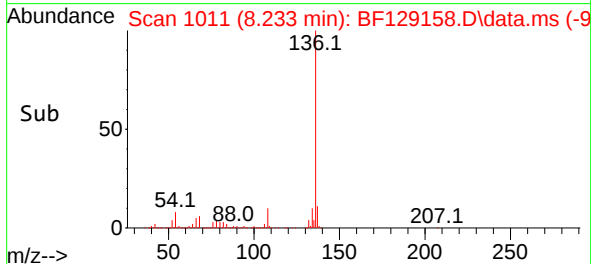
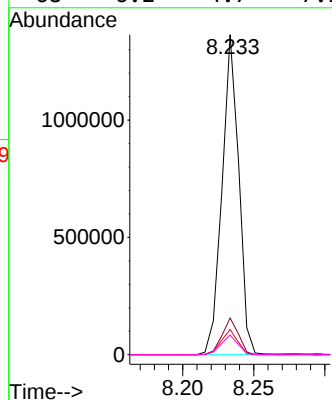
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.233 min Scan# 1011
Delta R.T. -0.012 min
Lab File: BF129158.D
Acq: 07 Jul 2022 14:45

Instrument :
BNA_F
ClientSampleId :
20220507-COMPOSITE-B



Tgt Ion:136 Resp: 1116414

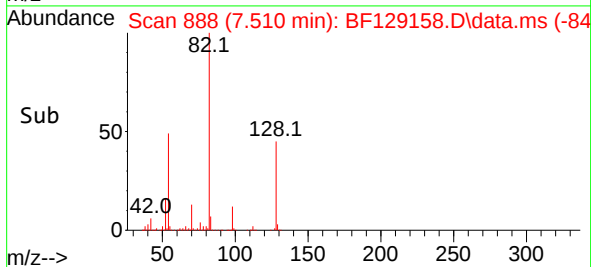
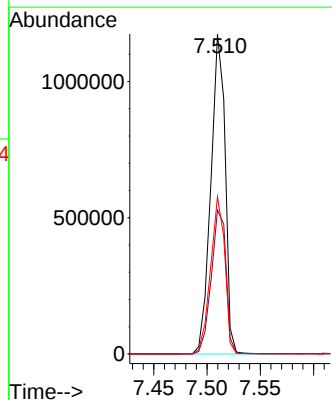
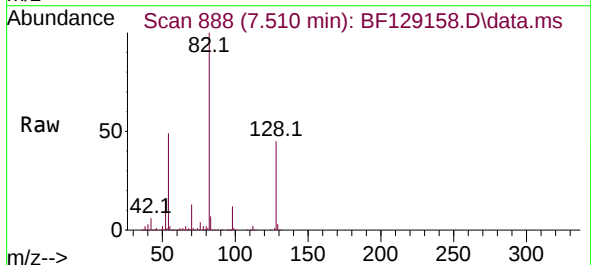
Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.8	13.2
54	7.9	7.5	11.3
68	6.2	4.7	7.1



#23
Nitrobenzene-d5
Concen: 58.728 ng
RT: 7.510 min Scan# 888
Delta R.T. -0.018 min
Lab File: BF129158.D
Acq: 07 Jul 2022 14:45

Tgt Ion: 82 Resp: 1099226

Ion	Ratio	Lower	Upper
82	100		
128	45.0	34.0	51.0
54	49.1	46.9	70.3

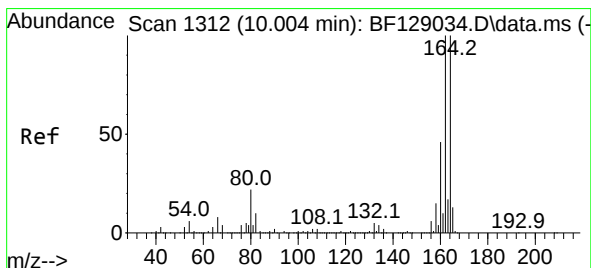
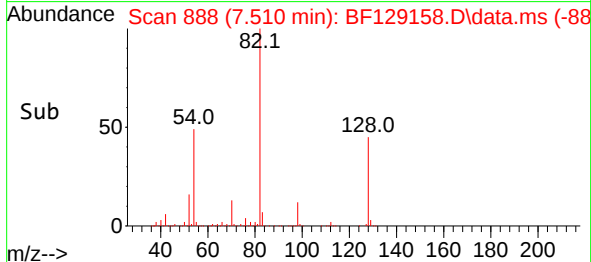
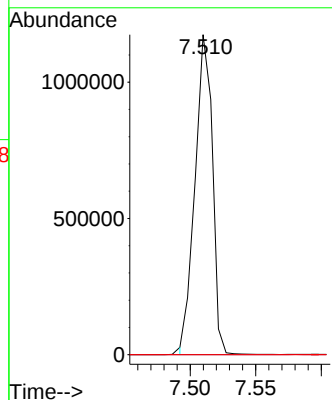
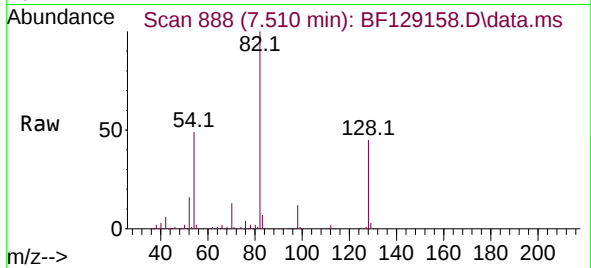




#25
Isophorone
Concen: 34.308 ng
RT: 7.510 min Scan# 81
Delta R.T. -0.283 min
Lab File: BF129158.D
Acq: 07 Jul 2022 14:45

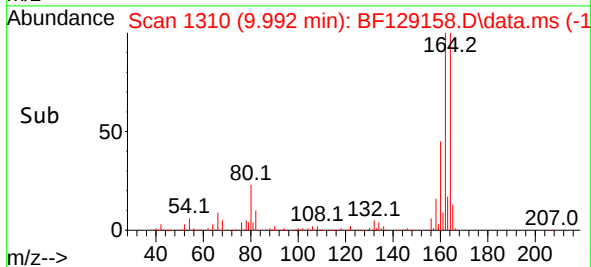
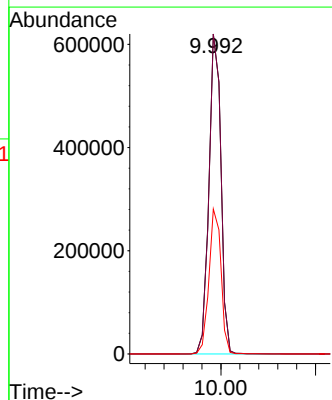
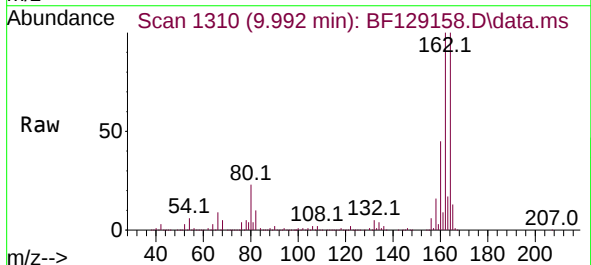
Instrument :
BNA_F
ClientSampleId :
20220507-COMPOSITE-B

Tgt Ion: 82 Resp: 1085262
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: BF129158.D
Acq: 07 Jul 2022 14:45

Tgt Ion:164 Resp: 543474
Ion Ratio Lower Upper
164 100
162 100.1 79.5 119.3
160 45.3 34.2 51.4





#42

2,4,6-Tribromophenol

Concen: 96.616 ng

RT: 10.786 min Scan# 1445

Delta R.T. -0.012 min

Lab File: BF129158.D

Acq: 07 Jul 2022 14:45

Instrument :

BNA_F

ClientSampleId :

20220507-COMPOSITE-B

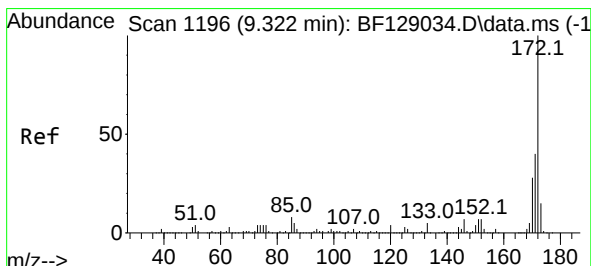
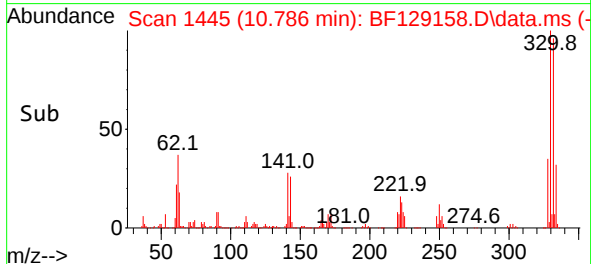
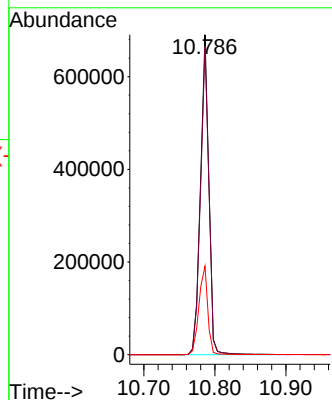
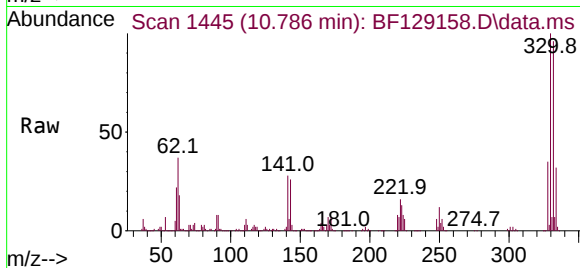
Tgt Ion:330 Resp: 570950

Ion Ratio Lower Upper

330 100

332 96.7 76.8 115.2

141 29.1 28.0 42.0



#45

2-Fluorobiphenyl

Concen: 46.156 ng

RT: 9.310 min Scan# 1194

Delta R.T. -0.012 min

Lab File: BF129158.D

Acq: 07 Jul 2022 14:45

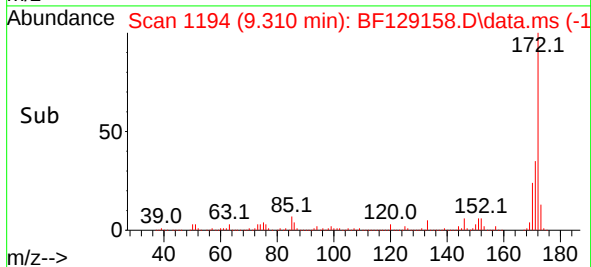
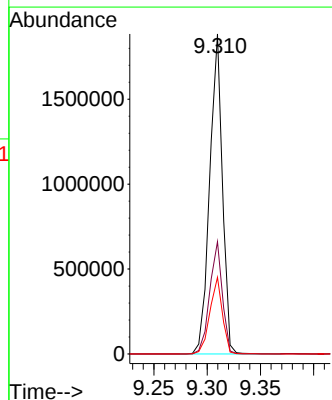
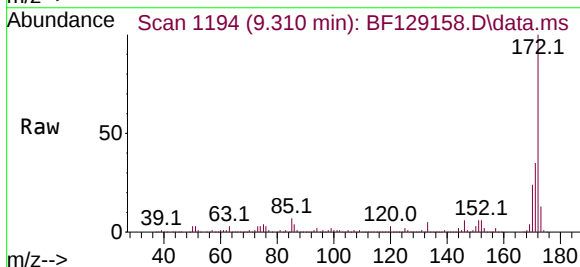
Tgt Ion:172 Resp: 1567987

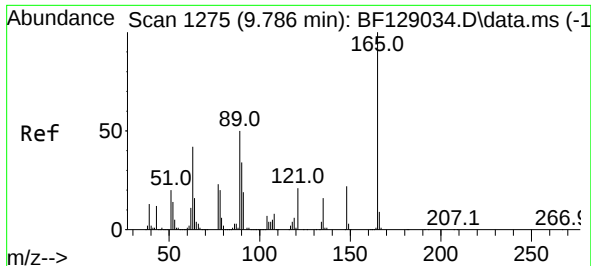
Ion Ratio Lower Upper

172 100

171 35.1 28.8 43.2

170 24.0 19.8 29.8

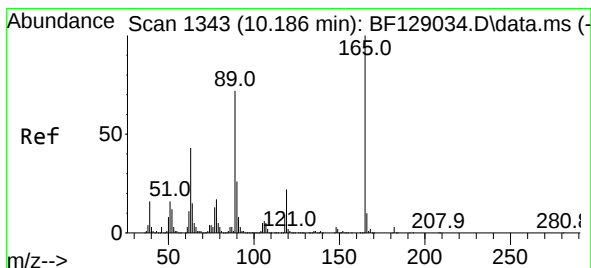
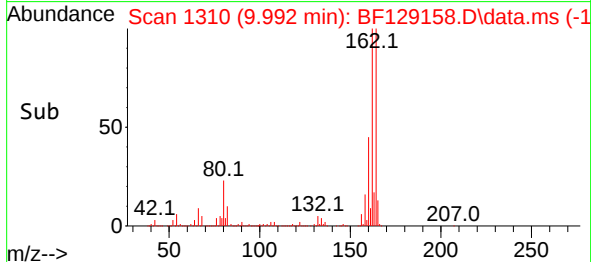
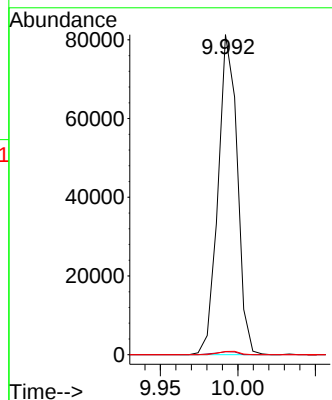
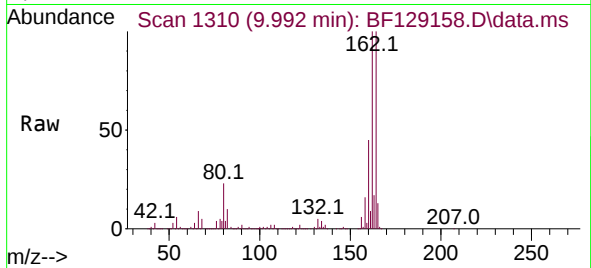




#51
2,6-Dinitrotoluene
Concen: 10.057 ng
RT: 9.992 min Scan# 1310
Delta R.T. 0.206 min
Lab File: BF129158.D
Acq: 07 Jul 2022 14:45

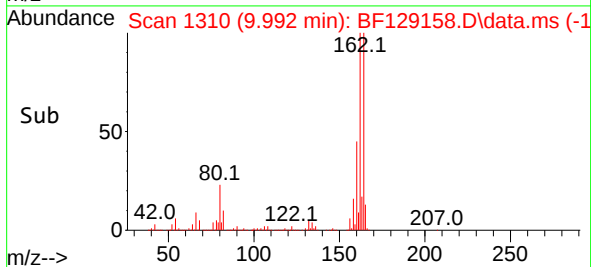
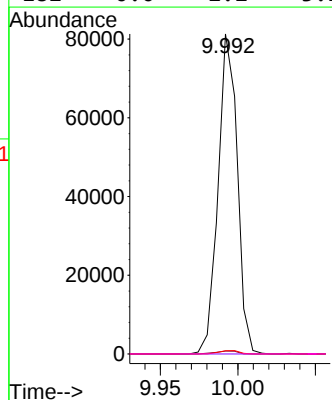
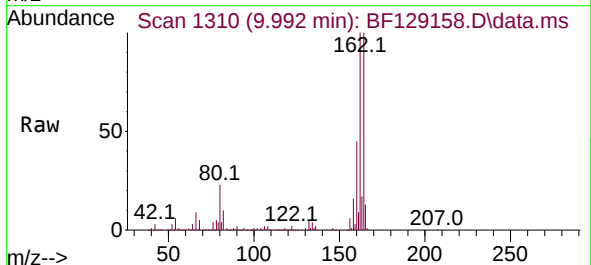
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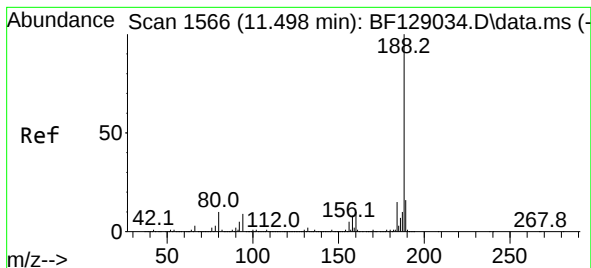
Tgt Ion:165 Resp: 69874
Ion Ratio Lower Upper
165 100
63 0.9 44.9 67.3#
89 1.0 43.6 65.4#



#57
2,4-Dinitrotoluene
Concen: 8.147 ng
RT: 9.992 min Scan# 1310
Delta R.T. -0.194 min
Lab File: BF129158.D
Acq: 07 Jul 2022 14:45

Tgt Ion:165 Resp: 69874
Ion Ratio Lower Upper
165 100
63 0.9 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: BF129158.D

Acq: 07 Jul 2022 14:45

Instrument :

BNA_F

ClientSampleId :

20220507-COMPOSITE-B

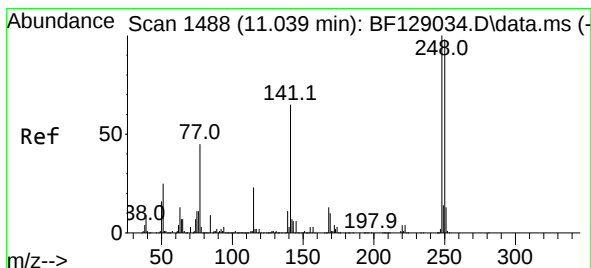
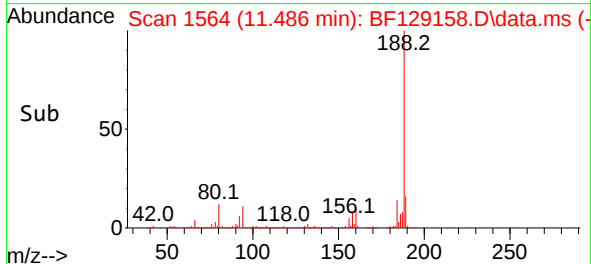
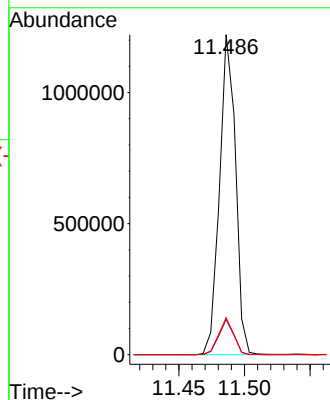
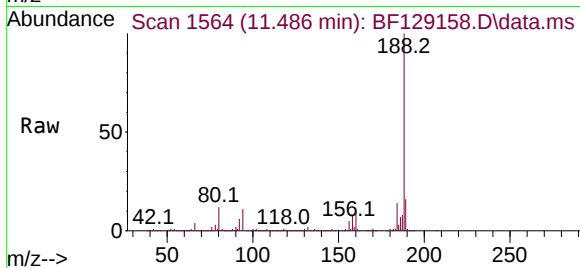
Tgt Ion:188 Resp: 1033248

Ion Ratio Lower Upper

188 100

94 11.0 7.0 10.6#

80 11.6 7.6 11.4#



#67

4-Bromophenyl-phenylether

Concen: 3.079 ng

RT: 10.786 min Scan# 1445

Delta R.T. -0.253 min

Lab File: BF129158.D

Acq: 07 Jul 2022 14:45

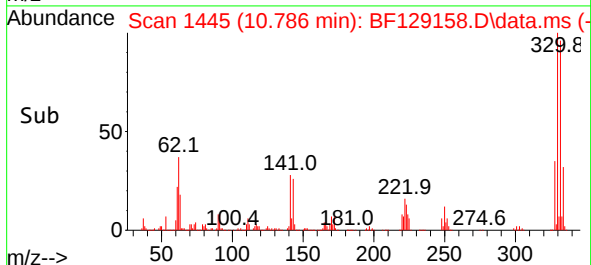
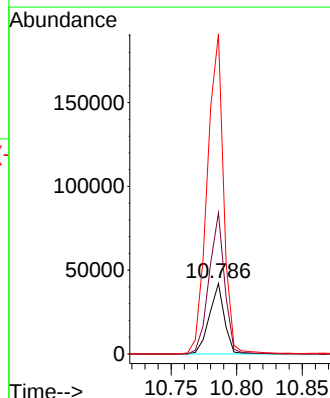
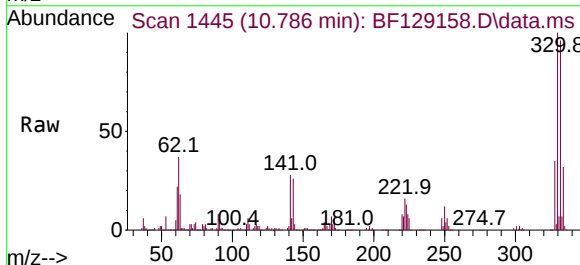
Tgt Ion:248 Resp: 33836

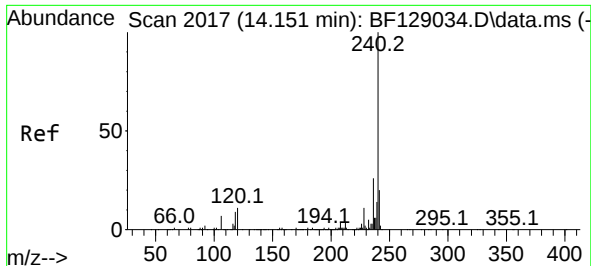
Ion Ratio Lower Upper

248 100

250 199.8 80.6 120.8#

141 453.0 58.9 88.3#

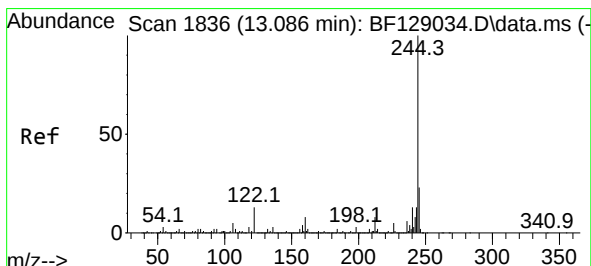
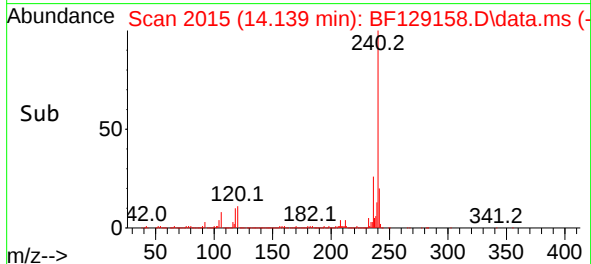
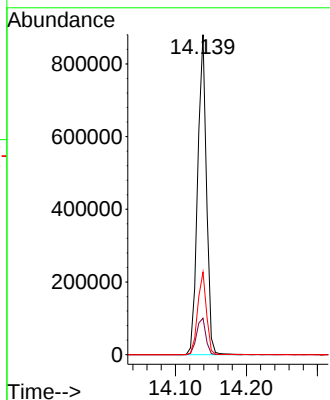
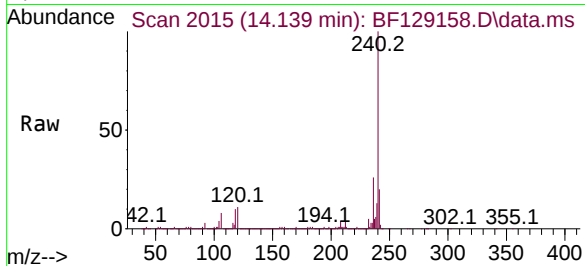




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.139 min Scan# 20
Delta R.T. -0.012 min
Lab File: BF129158.D
Acq: 07 Jul 2022 14:45

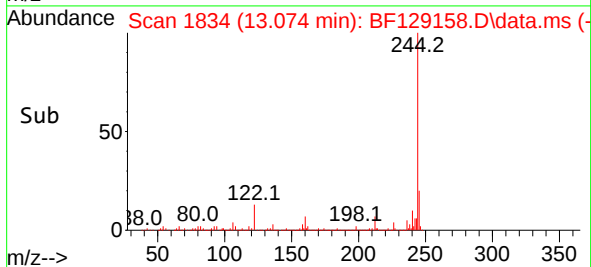
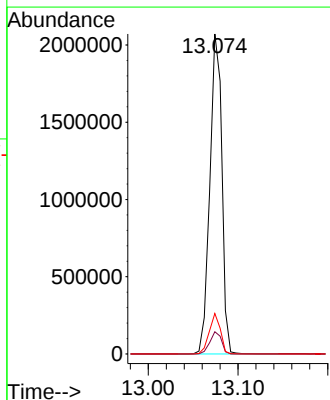
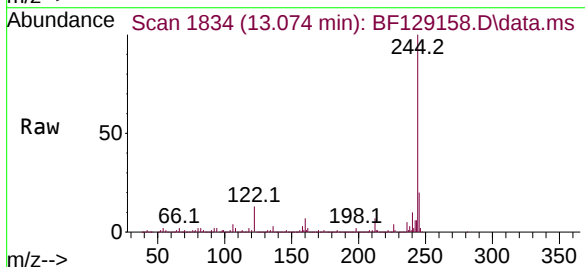
Instrument :
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ClientSampleId :
20220507-COMPOSITE-B

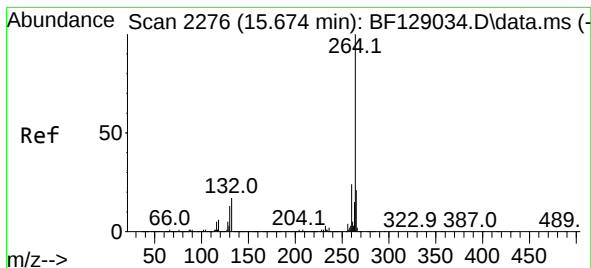
Tgt Ion:240 Resp: 760371
Ion Ratio Lower Upper
240 100
120 11.4 8.9 13.3
236 25.8 20.8 31.2



#79
Terphenyl-d14
Concen: 52.558 ng
RT: 13.074 min Scan# 1834
Delta R.T. -0.012 min
Lab File: BF129158.D
Acq: 07 Jul 2022 14:45

Tgt Ion:244 Resp: 1924431
Ion Ratio Lower Upper
244 100
212 6.9 6.1 9.1
122 12.6 8.8 13.2





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.662 min Scan# 21

Delta R.T. -0.012 min

Lab File: BF129158.D

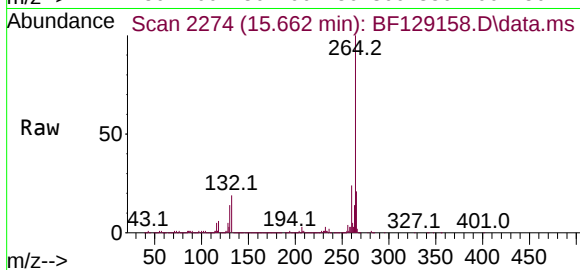
Acq: 07 Jul 2022 14:45

Instrument :

BNA_F

ClientSampleId :

20220507-COMPOSITE-B



Tgt Ion:264 Resp: 579881

Ion Ratio Lower Upper

264 100

260 23.7 18.4 27.6

265 21.1 17.2 25.8

