

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071222\
 Data File : BF129188.D
 Acq On : 12 Jul 2022 14:33
 Operator : CG\JU
 Sample : N3662-04
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 20220497B-SIM/C3B-COMPOSITE

Quant Time: Jul 12 14:53:21 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062922.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 12 14:13:54 2022
 Response via : Initial Calibration

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

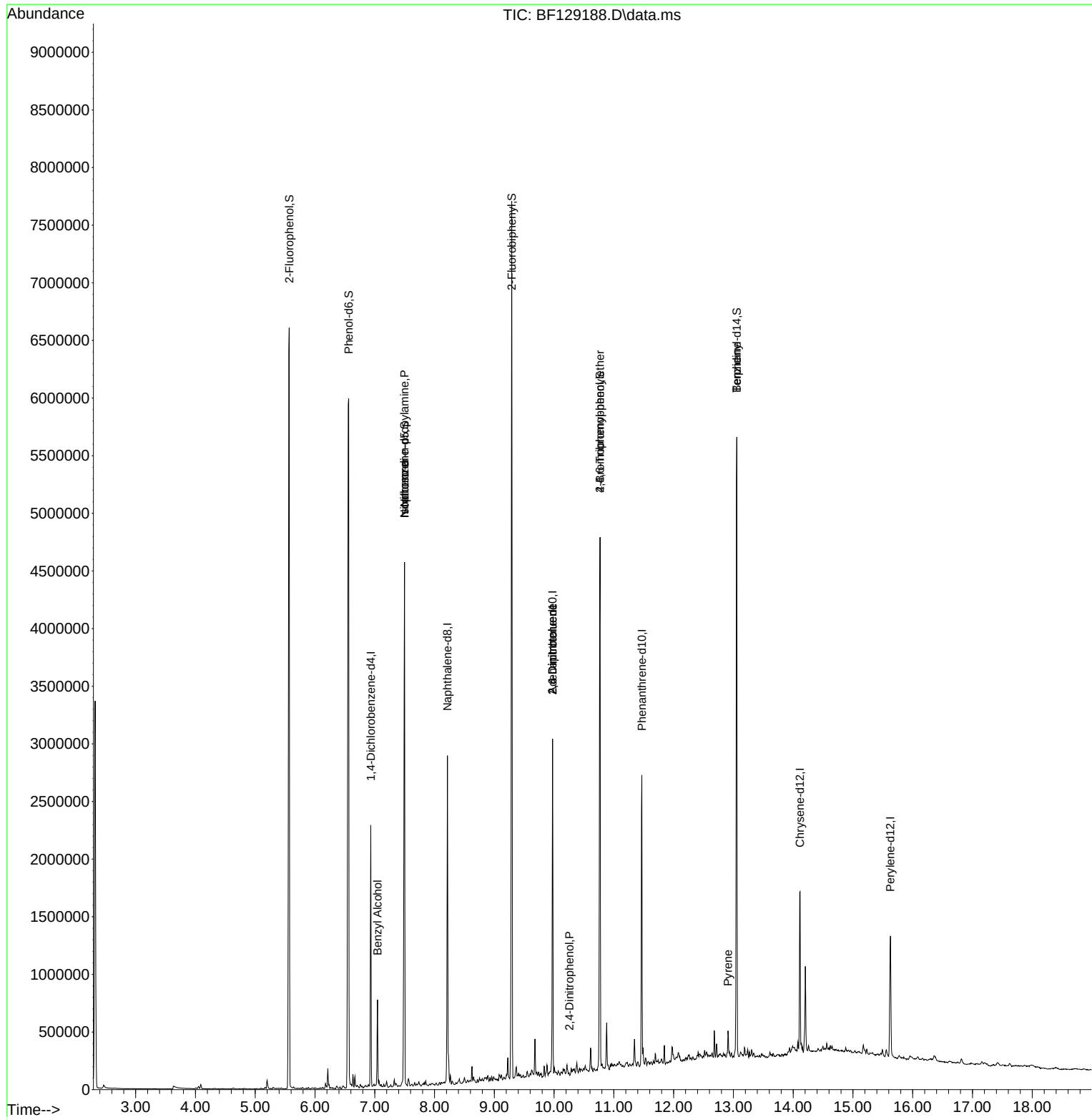
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.934	152	302838	20.000	ng	0.00
21) Naphthalene-d8	8.216	136	1167974	20.000	ng	# 0.00
39) Acenaphthene-d10	9.975	164	554849	20.000	ng	0.00
64) Phenanthrene-d10	11.469	188	899303	20.000	ng	# 0.00
76) Chrysene-d12	14.115	240	489034	20.000	ng	0.00
86) Perylene-d12	15.627	264	475729	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.569	112	1950809	108.906	ng	0.00
7) Phenol-d6	6.563	99	2498608	112.312	ng	0.00
23) Nitrobenzene-d5	7.498	82	1571898	80.274	ng	0.00
42) 2,4,6-Tribromophenol	10.769	330	531638	88.119	ng	0.00
45) 2-Fluorobiphenyl	9.292	172	2305840	66.484	ng	0.00
79) Terphenyl-d14	13.057	244	1841971	78.217	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.487	77	762	Below Cal	#	41
15) Benzyl Alcohol	7.045	79	34528	2.206	ng	# 57
19) n-Nitroso-di-n-propyla...	7.498	70	210653	16.369	ng	# 75
25) Isophorone	7.498	82	1564274	47.268	ng	# 65
51) 2,6-Dinitrotoluene	9.975	165	72835	10.268	ng	# 26
54) 2,4-Dinitrophenol	10.257	184	345	6.948	ng	95
57) 2,4-Dinitrotoluene	9.975	165	72835	8.318	ng	# 22
67) 4-Bromophenyl-phenylether	10.769	248	33735	3.526	ng	# 1
77) Benzidine	13.057	184	29053	3.336	ng	# 94
78) Pyrene	12.910	202	83406	2.461	ng	97

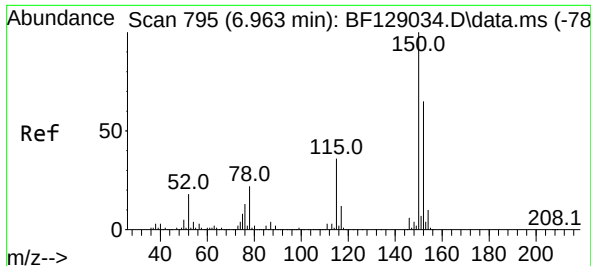
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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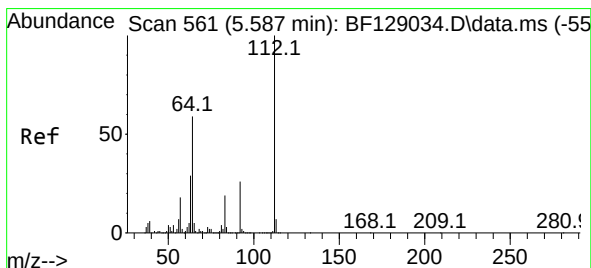
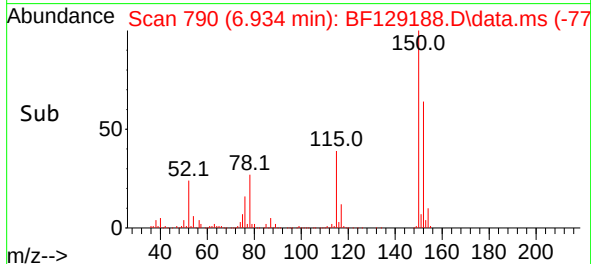
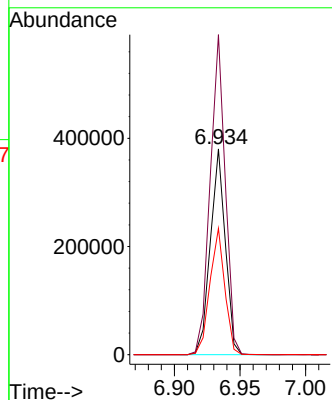
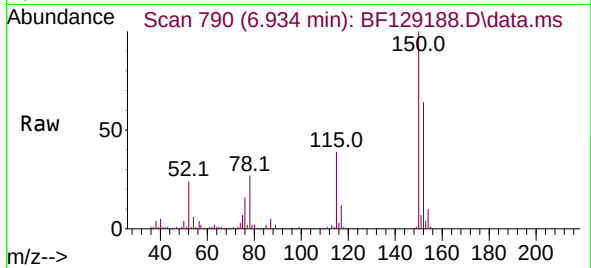




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.934 min Scan# 795
Delta R.T. -0.005 min
Lab File: BF129188.D
Acq: 12 Jul 2022 14:33

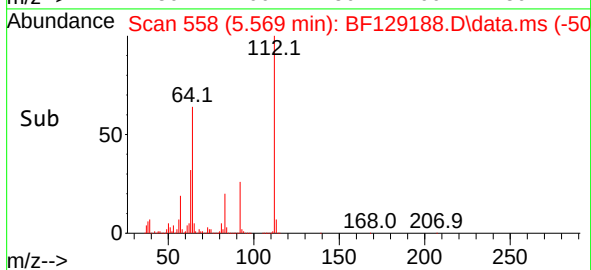
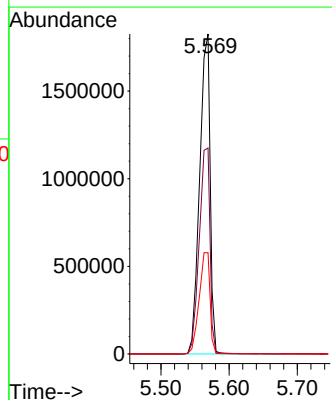
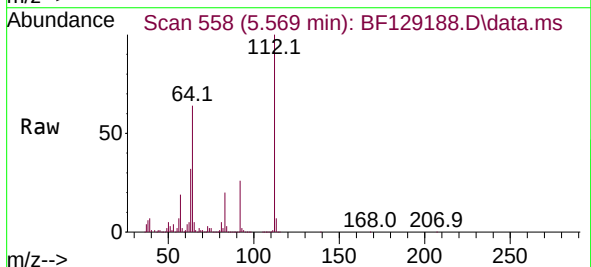
Instrument :
BNA_F
ClientSampleId :
20220497B-SIM/C3B-COMPOSITE

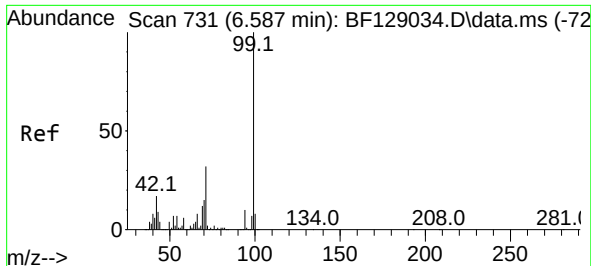
Tgt Ion:152 Resp: 302838
Ion Ratio Lower Upper
152 100
150 155.5 123.7 185.5
115 61.4 49.9 74.9



#5
2-Fluorophenol
Concen: 108.906 ng
RT: 5.569 min Scan# 558
Delta R.T. 0.006 min
Lab File: BF129188.D
Acq: 12 Jul 2022 14:33

Tgt Ion:112 Resp: 1950809
Ion Ratio Lower Upper
112 100
64 64.3 53.3 79.9
63 31.7 28.0 42.0

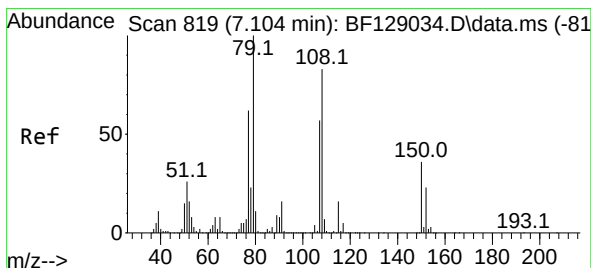
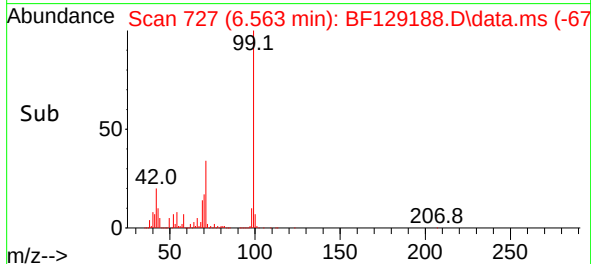
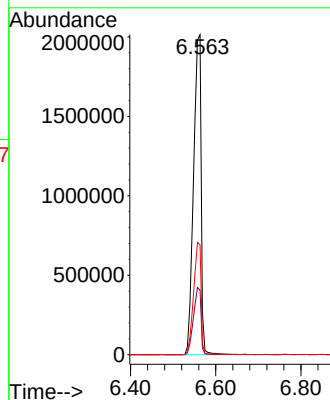
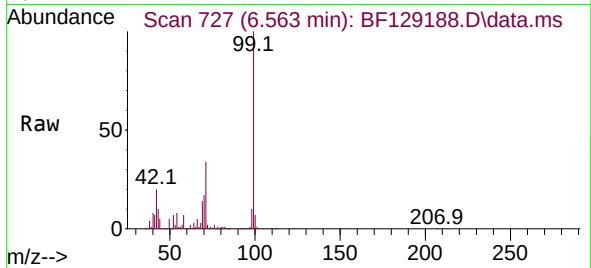




#7
Phenol-d6
Concen: 112.312 ng
RT: 6.563 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF129188.D
Acq: 12 Jul 2022 14:33

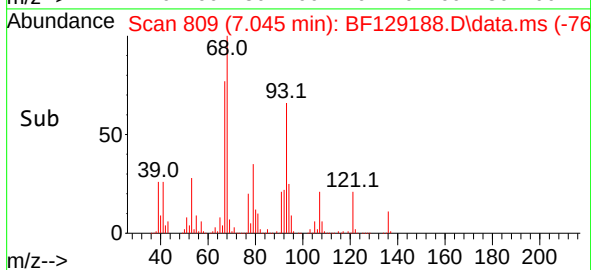
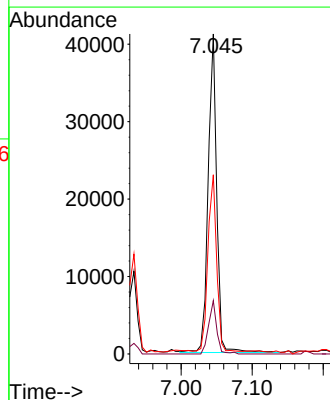
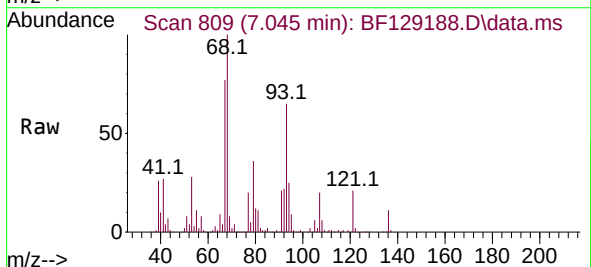
Instrument :
BNA_F
ClientSampleId :
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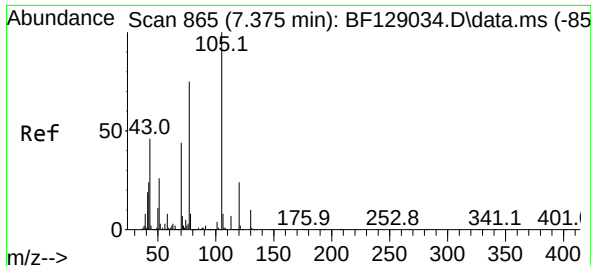
Tgt Ion: 99 Resp: 2498608
Ion Ratio Lower Upper
99 100
42 20.2 17.3 25.9
71 34.3 28.9 43.3



#15
Benzyl Alcohol
Concen: 2.206 ng
RT: 7.045 min Scan# 809
Delta R.T. -0.035 min
Lab File: BF129188.D
Acq: 12 Jul 2022 14:33

Tgt Ion: 79 Resp: 34528
Ion Ratio Lower Upper
79 100
108 16.7 61.8 92.6#
77 56.0 50.2 75.4

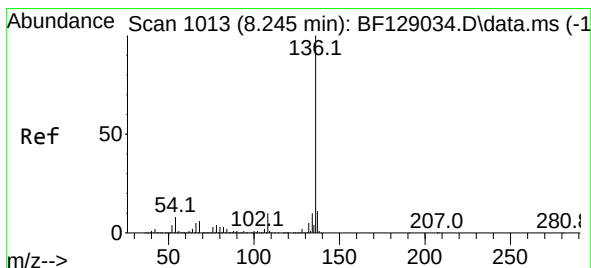
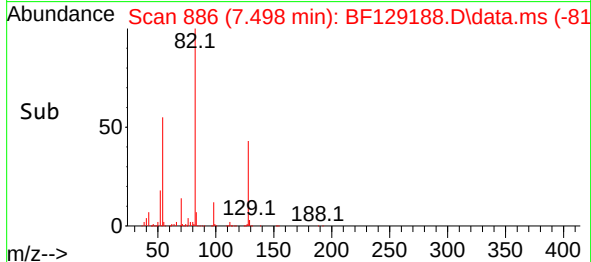
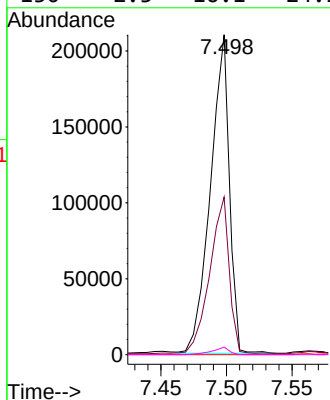
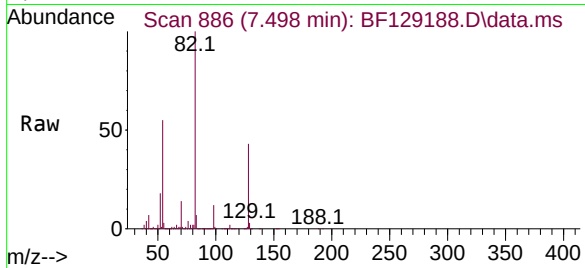




#19
n-Nitroso-di-n-propylamine
Concen: 16.369 ng
RT: 7.498 min Scan# 81
Delta R.T. 0.147 min
Lab File: BF129188.D
Acq: 12 Jul 2022 14:33

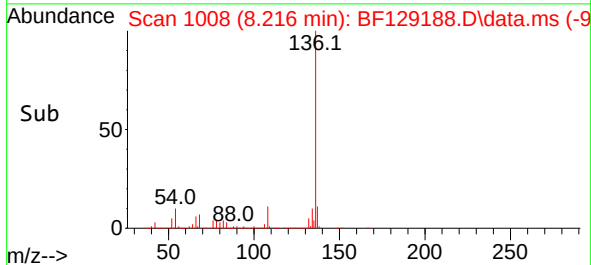
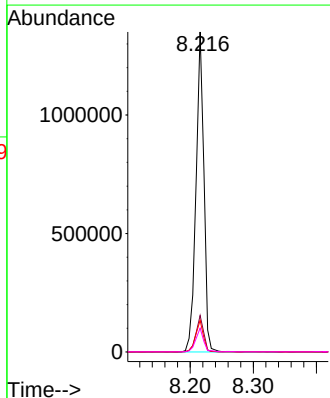
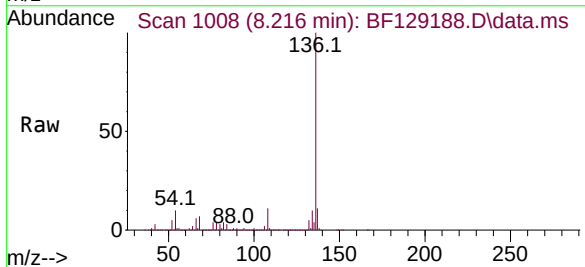
Instrument :
BNA_F
ClientSampleId :
20220497B-SIM/C3B-COMPOSITE

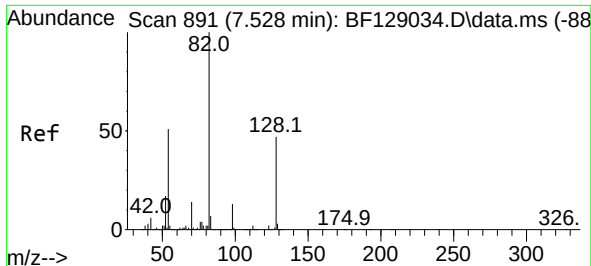
Tgt Ion: 70 Resp: 210653
Ion Ratio Lower Upper
70 100
42 49.2 52.3 78.5#
101 0.0 7.5 11.3#
130 2.3 16.1 24.1#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.216 min Scan# 1008
Delta R.T. -0.006 min
Lab File: BF129188.D
Acq: 12 Jul 2022 14:33

Tgt Ion: 136 Resp: 1167974
Ion Ratio Lower Upper
136 100
137 11.4 8.8 13.2
54 9.9 7.5 11.3
68 7.4 4.7 7.1#





#23

Nitrobenzene-d5

Concen: 80.274 ng

RT: 7.498 min Scan# 886

Delta R.T. -0.006 min

Lab File: BF129188.D

Acq: 12 Jul 2022 14:33

Instrument :

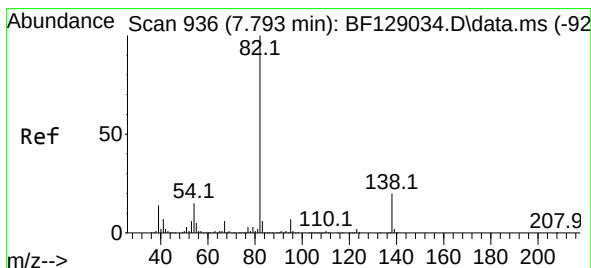
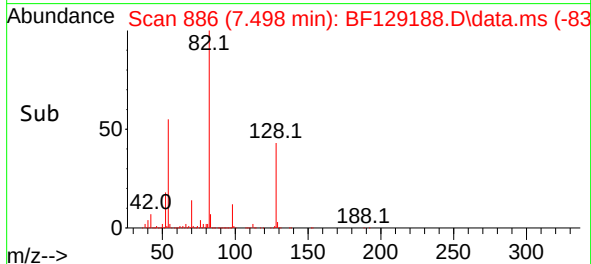
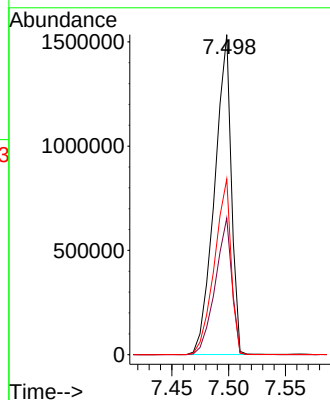
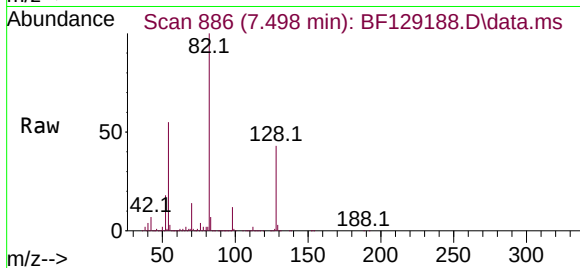
BNA_F

ClientSampleId :

20220497B-SIM/C3B-COMPOSITE

Tgt Ion: 82 Resp: 1571898

Ion	Ratio	Lower	Upper
82	100		
128	42.7	34.0	51.0
54	54.9	46.9	70.3



#25

Isophorone

Concen: 47.268 ng

RT: 7.498 min Scan# 886

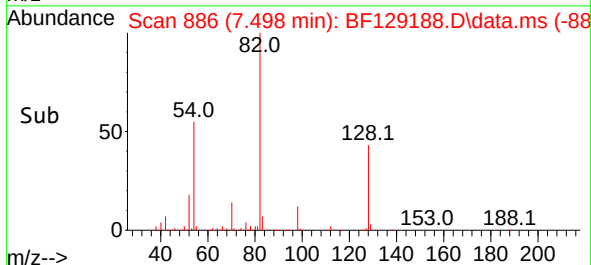
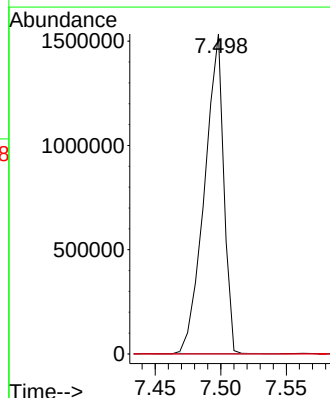
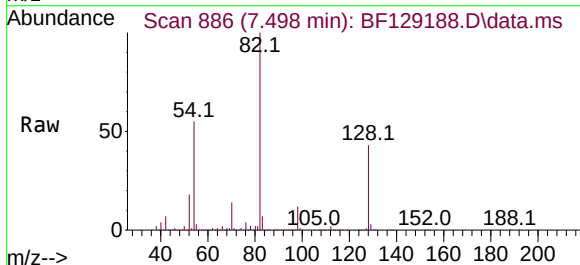
Delta R.T. -0.265 min

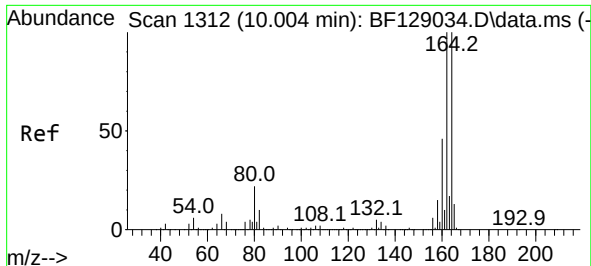
Lab File: BF129188.D

Acq: 12 Jul 2022 14:33

Tgt Ion: 82 Resp: 1564274

Ion	Ratio	Lower	Upper
82	100		
95	0.1	5.7	8.5#
138	0.0	14.2	21.2#

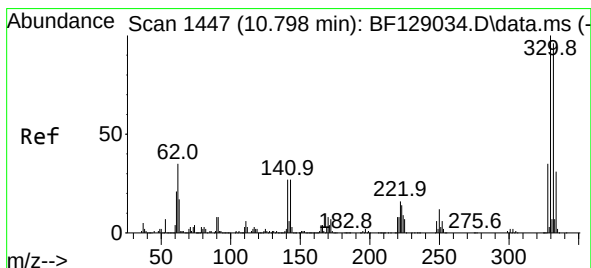
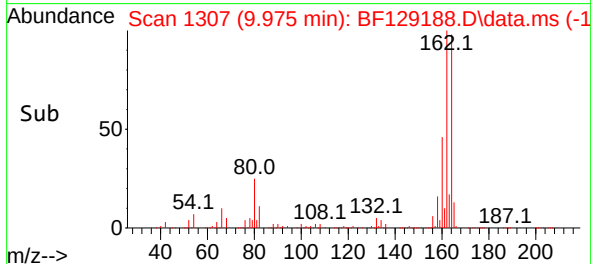
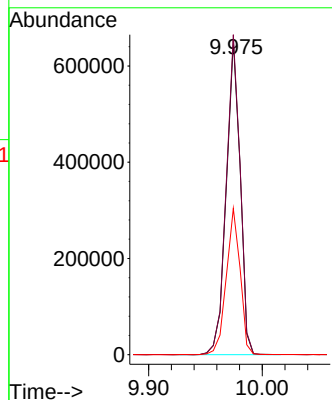
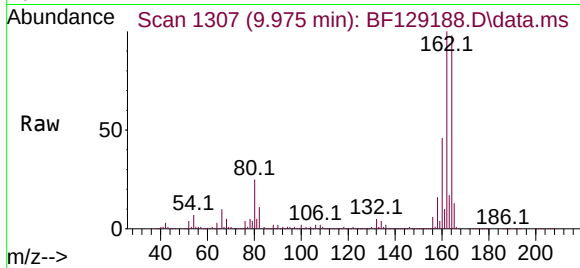




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.975 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF129188.D
Acq: 12 Jul 2022 14:33

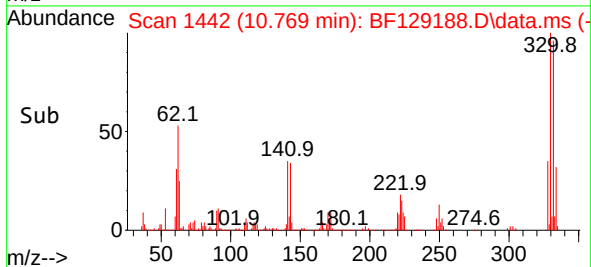
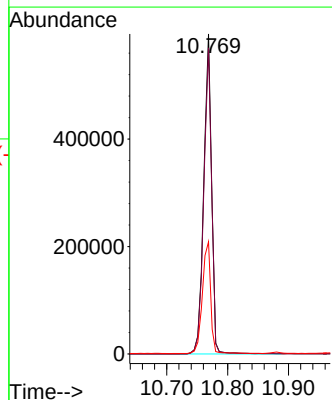
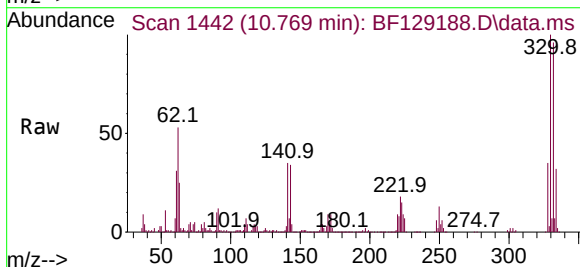
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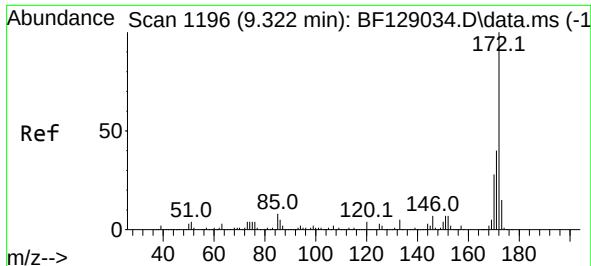
Tgt Ion:164 Resp: 554849
Ion Ratio Lower Upper
164 100
162 101.8 79.5 119.3
160 46.6 34.2 51.4



#42
2,4,6-Tribromophenol
Concen: 88.119 ng
RT: 10.769 min Scan# 1442
Delta R.T. -0.006 min
Lab File: BF129188.D
Acq: 12 Jul 2022 14:33

Tgt Ion:330 Resp: 531638
Ion Ratio Lower Upper
330 100
332 95.9 76.8 115.2
141 37.3 28.0 42.0

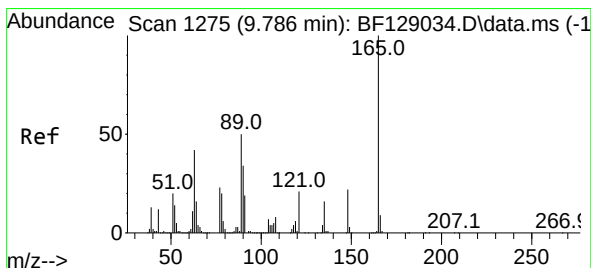
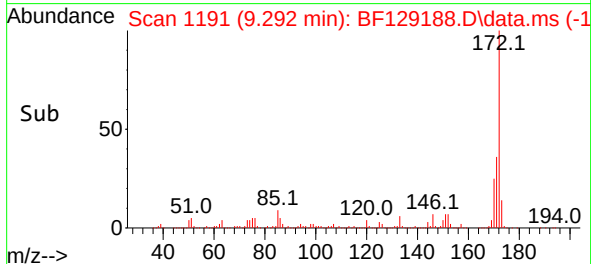
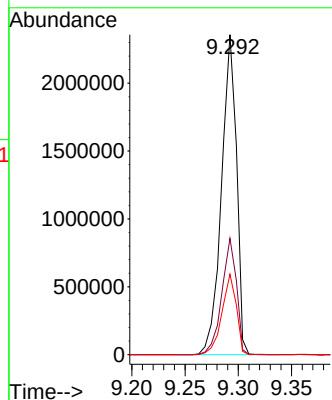
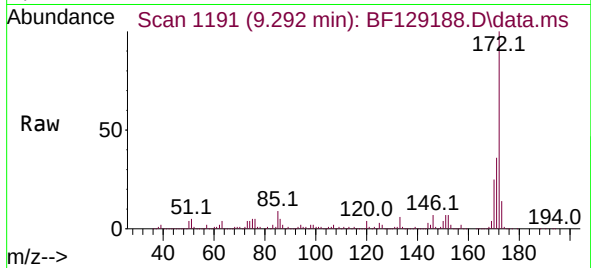




#45
2-Fluorobiphenyl
Concen: 66.484 ng
RT: 9.292 min Scan# 1196
Delta R.T. -0.006 min
Lab File: BF129188.D
Acq: 12 Jul 2022 14:33

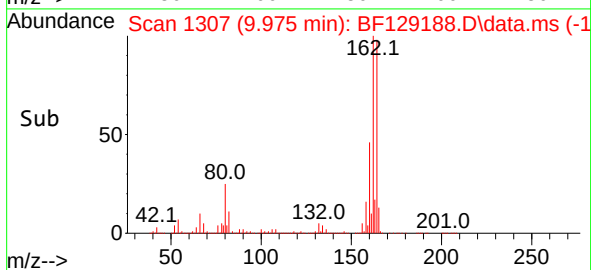
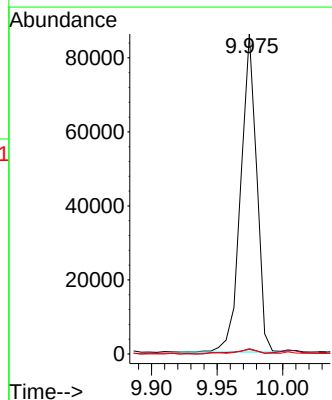
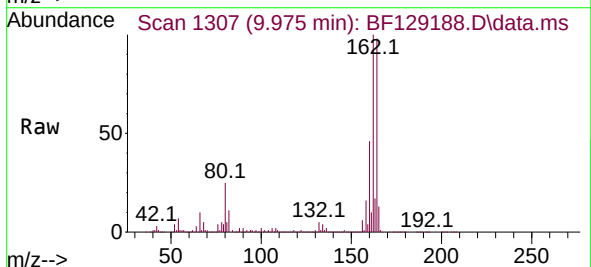
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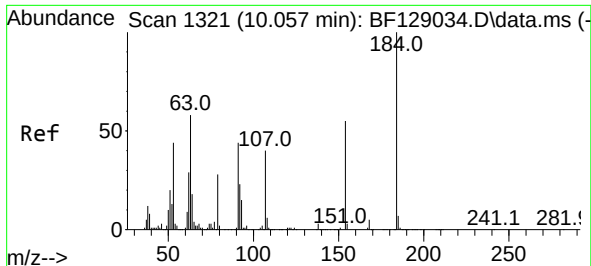
Tgt Ion:172 Resp: 2305840
Ion Ratio Lower Upper
172 100
171 36.4 28.8 43.2
170 25.2 19.8 29.8



#51
2,6-Dinitrotoluene
Concen: 10.268 ng
RT: 9.975 min Scan# 1307
Delta R.T. 0.212 min
Lab File: BF129188.D
Acq: 12 Jul 2022 14:33

Tgt Ion:165 Resp: 72835
Ion Ratio Lower Upper
165 100
63 1.7 44.9 67.3#
89 1.4 43.6 65.4#

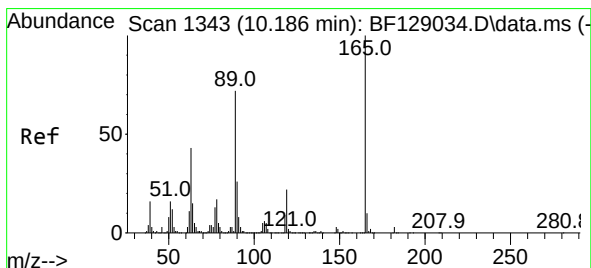
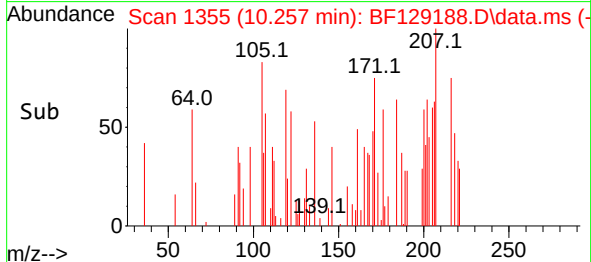
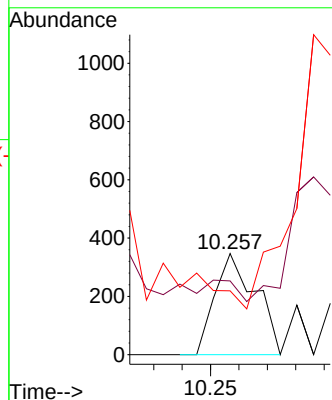
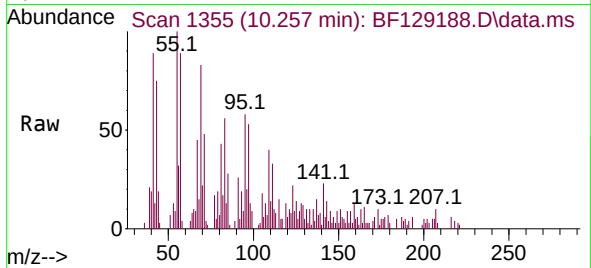




#54
2,4-Dinitrophenol
Concen: 6.948 ng
RT: 10.257 min Scan# 11
Delta R.T. 0.218 min
Lab File: BF129188.D
Acq: 12 Jul 2022 14:33

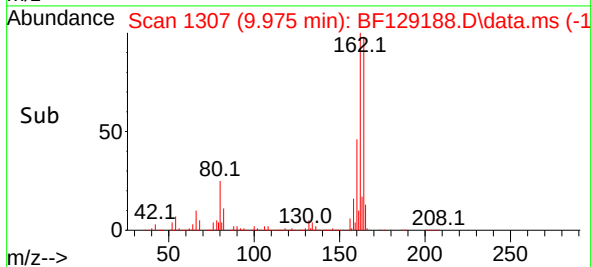
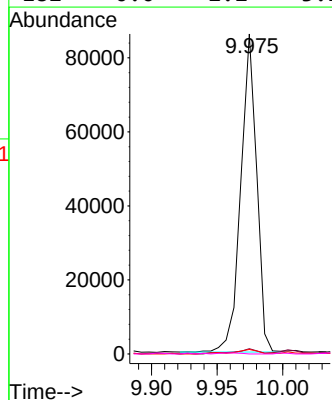
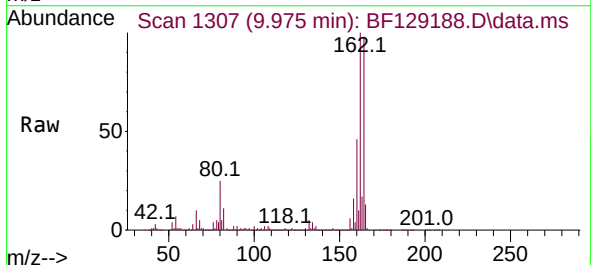
Instrument :
BNA_F
ClientSampleId :
20220497B-SIM/C3B-COMPOSITE

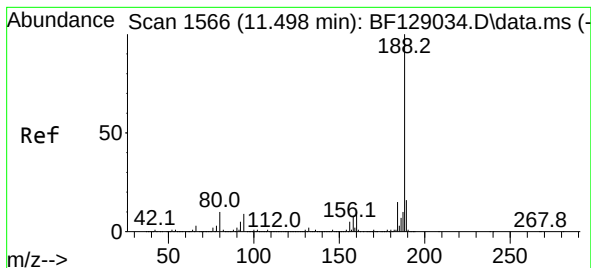
Tgt Ion:184 Resp: 345
Ion Ratio Lower Upper
184 100
63 72.9 64.5 96.7
154 63.1 50.6 75.8



#57
2,4-Dinitrotoluene
Concen: 8.318 ng
RT: 9.975 min Scan# 1307
Delta R.T. -0.194 min
Lab File: BF129188.D
Acq: 12 Jul 2022 14:33

Tgt Ion:165 Resp: 72835
Ion Ratio Lower Upper
165 100
63 1.7 39.8 59.6#
89 1.4 60.2 90.2#
182 0.0 2.2 3.2#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.469 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF129188.D

Acq: 12 Jul 2022 14:33

Instrument :

BNA_F

ClientSampleId :

20220497B-SIM/C3B-COMPOSITE

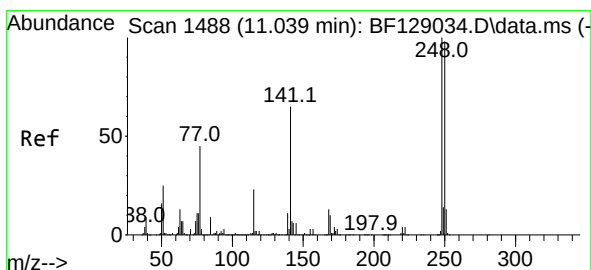
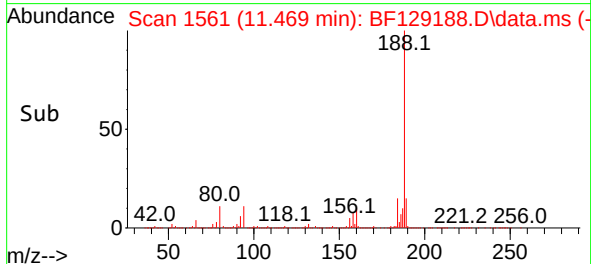
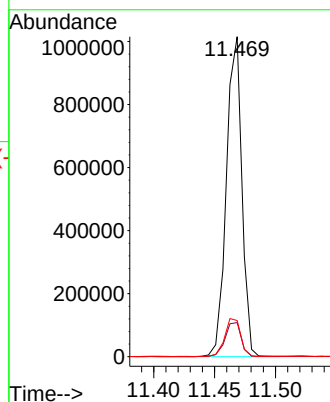
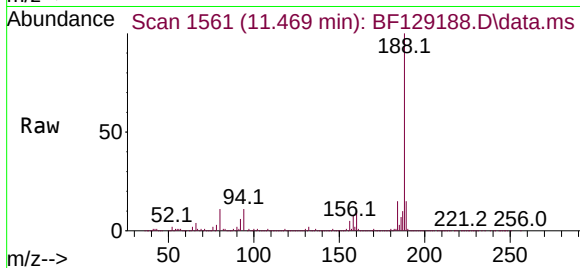
Tgt Ion:188 Resp: 899303

Ion Ratio Lower Upper

188 100

94 10.6 7.0 10.6#

80 11.3 7.6 11.4



#67

4-Bromophenyl-phenylether

Concen: 3.526 ng

RT: 10.769 min Scan# 1442

Delta R.T. -0.241 min

Lab File: BF129188.D

Acq: 12 Jul 2022 14:33

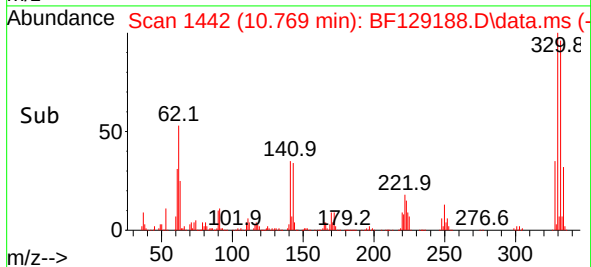
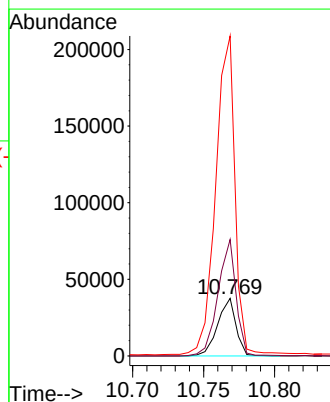
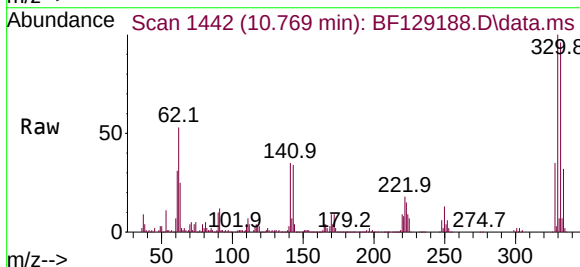
Tgt Ion:248 Resp: 33735

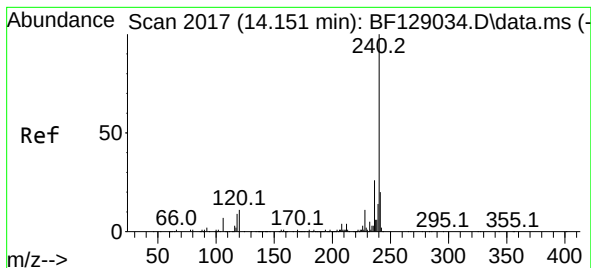
Ion Ratio Lower Upper

248 100

250 202.3 80.6 120.8#

141 555.8 58.9 88.3#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.115 min Scan# 20

Delta R.T. -0.006 min

Lab File: BF129188.D

Acq: 12 Jul 2022 14:33

Instrument :

BNA_F

ClientSampleId :

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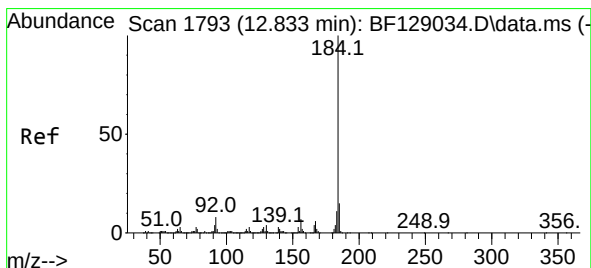
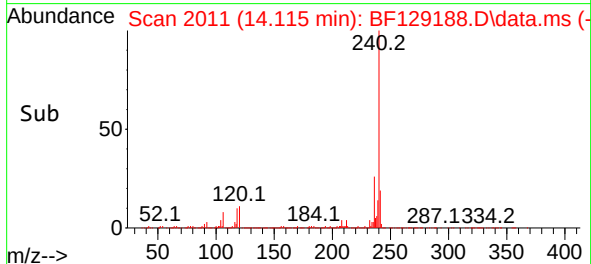
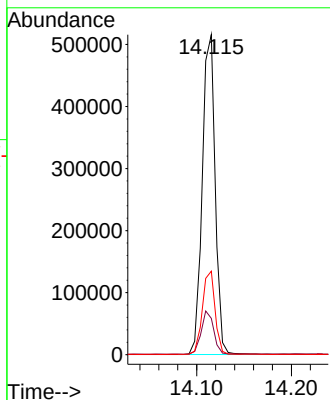
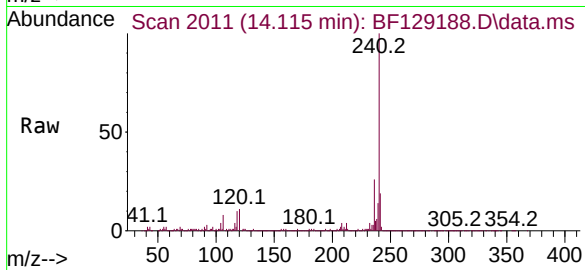
Tgt Ion:240 Resp: 489034

Ion Ratio Lower Upper

240 100

120 11.4 8.9 13.3

236 26.1 20.8 31.2



#77

Benzidine

Concen: 3.336 ng

RT: 13.057 min Scan# 1831

Delta R.T. 0.253 min

Lab File: BF129188.D

Acq: 12 Jul 2022 14:33

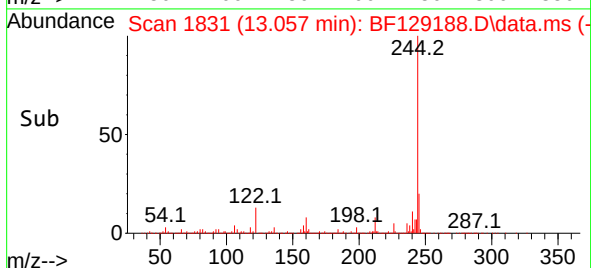
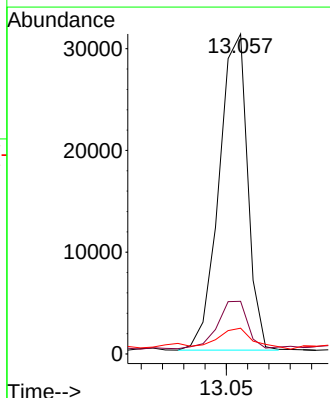
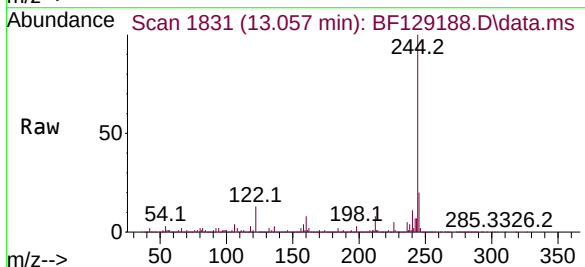
Tgt Ion:184 Resp: 29053

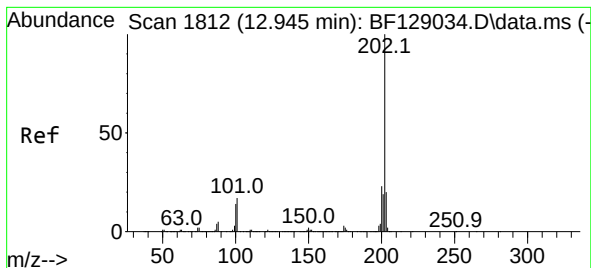
Ion Ratio Lower Upper

184 100

185 16.5 11.9 17.9

183 8.1 9.3 13.9#





#78

Pyrene

Concen: 2.461 ng

RT: 12.910 min Scan# 1806

Delta R.T. -0.012 min

Lab File: BF129188.D

Acq: 12 Jul 2022 14:33

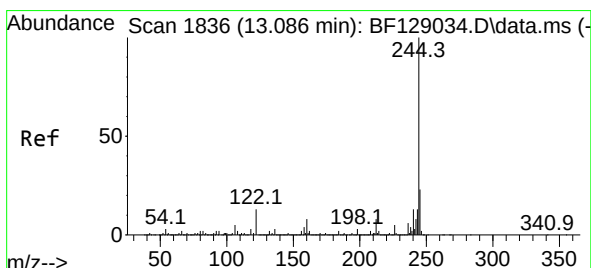
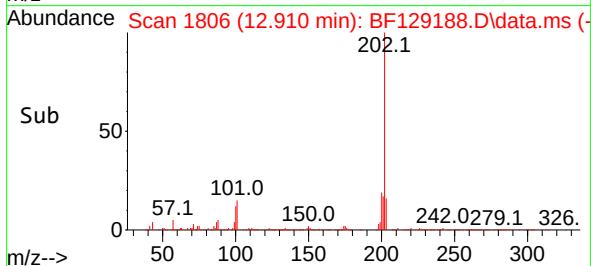
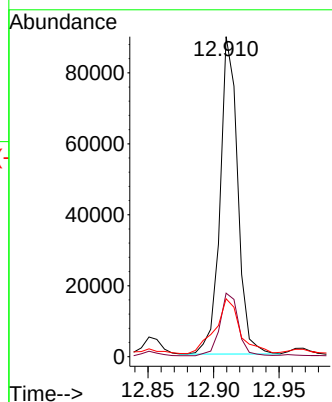
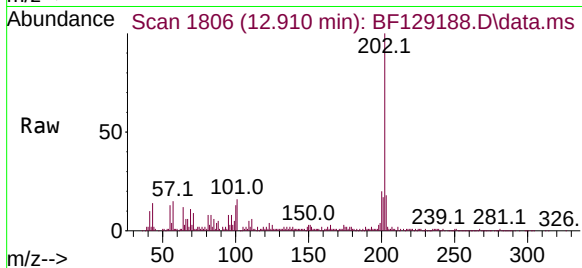
Instrument :

BNA_F

ClientSampleId :

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Tgt Ion:	202	Resp:	83406
Ion Ratio	Lower	Upper	
202	100		
200	19.9	17.7	26.5
203	18.1	14.6	21.8



#79

Terphenyl-d14

Concen: 78.217 ng

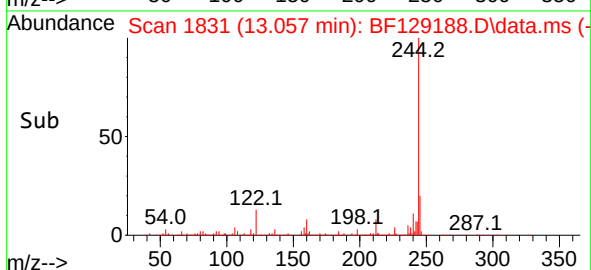
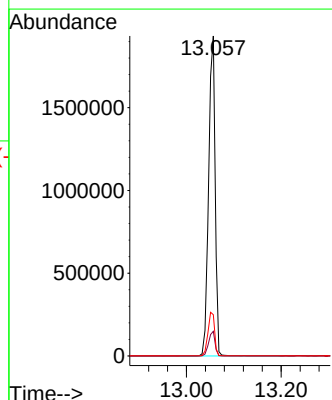
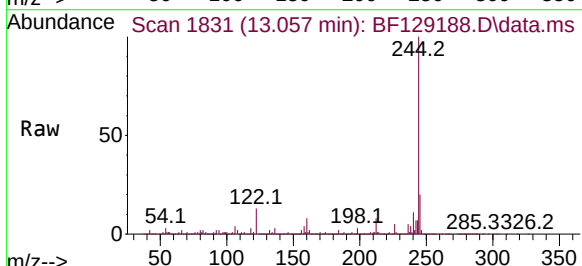
RT: 13.057 min Scan# 1831

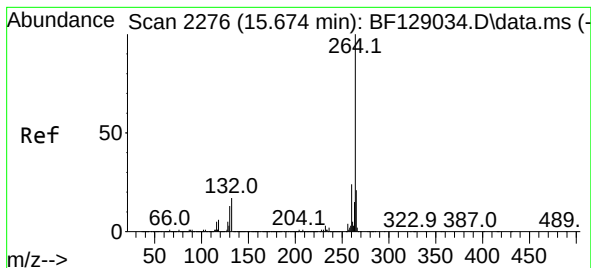
Delta R.T. -0.006 min

Lab File: BF129188.D

Acq: 12 Jul 2022 14:33

Tgt Ion:	244	Resp:	1841971
Ion Ratio	Lower	Upper	
244	100		
212	7.7	6.1	9.1
122	12.9	8.8	13.2





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.627 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF129188.D

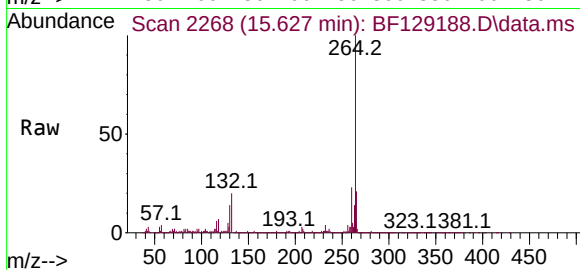
Acq: 12 Jul 2022 14:33

Instrument :

BNA_F

ClientSampleId :

20220497B-SIM/C3B-COMPOSITE



Tgt Ion:264 Resp: 475729

Ion Ratio Lower Upper

264 100

260 23.3 18.4 27.6

265 21.5 17.2 25.8

