

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070122\
 Data File : BF129083.D
 Acq On : 01 Jul 2022 10:15
 Operator : CG\JU
 Sample : PB145953BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB145953BL

Quant Time: Jul 02 01:23:59 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)

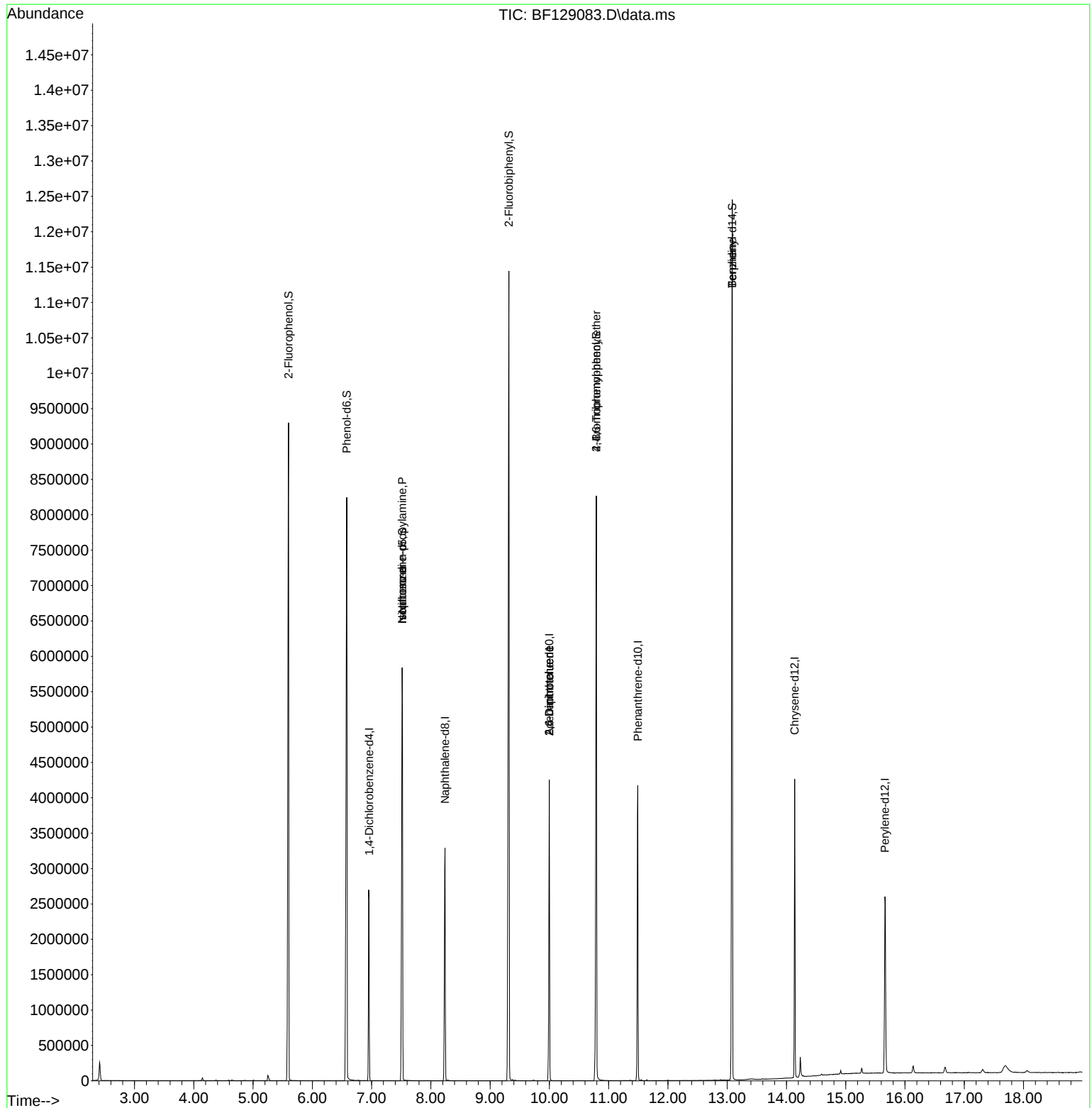
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.957	152	437126	20.000	ng	0.00
21) Naphthalene-d8	8.239	136	1677875	20.000	ng	# 0.00
39) Acenaphthene-d10	9.998	164	868480	20.000	ng	0.00
64) Phenanthrene-d10	11.492	188	1566802	20.000	ng	0.00
76) Chrysene-d12	14.139	240	1276389	20.000	ng	-0.01
86) Perylene-d12	15.662	264	1176954	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.598	112	2996322	115.886	ng	0.01
7) Phenol-d6	6.581	99	3708603	115.489	ng	0.00
23) Nitrobenzene-d5	7.516	82	2382820	84.706	ng	-0.01
42) 2,4,6-Tribromophenol	10.792	330	1177340	124.673	ng	0.00
45) 2-Fluorobiphenyl	9.316	172	4245333	78.201	ng	0.00
79) Terphenyl-d14	13.086	244	4625269	75.251	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.510	77	173	Below Cal	#	64
19) n-Nitroso-di-n-propyla...	7.516	70	314964	16.955	ng	# 71
25) Isophorone	7.516	82	2242637	47.172	ng	# 65
51) 2,6-Dinitrotoluene	9.998	165	111455	10.039	ng	# 25
57) 2,4-Dinitrotoluene	9.998	165	111455	8.132	ng	# 21
67) 4-Bromophenyl-phenylether	10.792	248	70098	4.206	ng	# 1
77) Benizidine	13.086	184	68740	3.024	ng	# 93

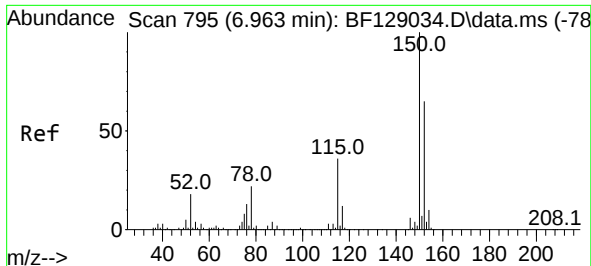
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070122\
Data File : BF129083.D
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PB145953BL

Quant Time: Jul 02 01:23:59 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

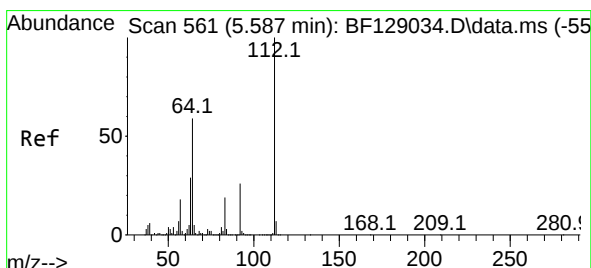
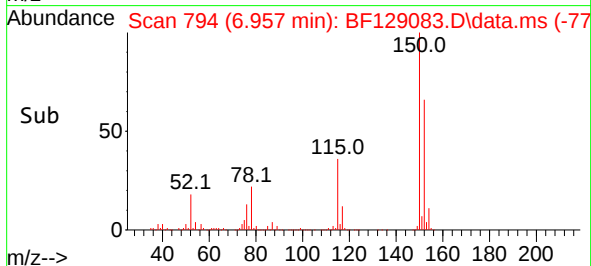
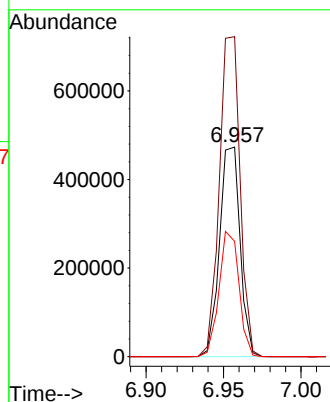
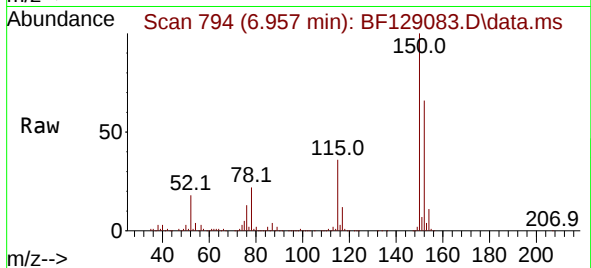




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.957 min Scan# 795
Delta R.T. -0.006 min
Lab File: BF129083.D
Acq: 01 Jul 2022 10:15

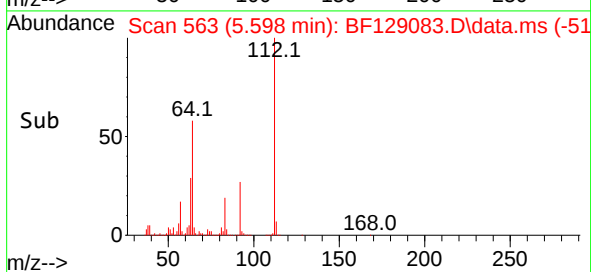
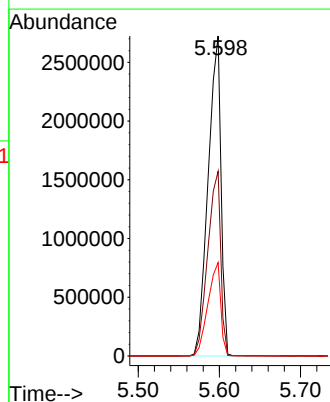
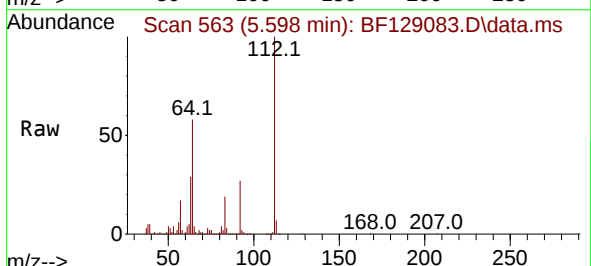
Instrument :
BNA_F
ClientSampleId :
PB145953BL

Tgt Ion:152 Resp: 437126
Ion Ratio Lower Upper
152 100
150 152.6 123.7 185.5
115 55.0 49.9 74.9



#5
2-Fluorophenol
Concen: 115.886 ng
RT: 5.598 min Scan# 563
Delta R.T. 0.012 min
Lab File: BF129083.D
Acq: 01 Jul 2022 10:15

Tgt Ion:112 Resp: 2996322
Ion Ratio Lower Upper
112 100
64 57.7 53.3 79.9
63 29.2 28.0 42.0

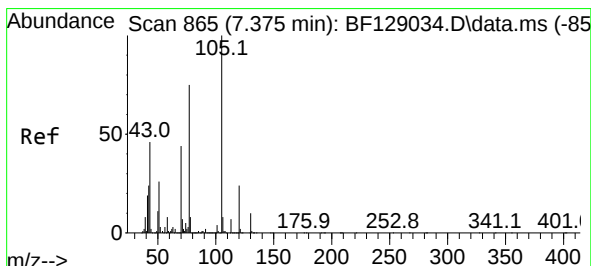
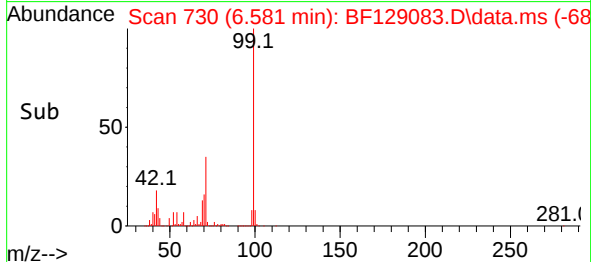
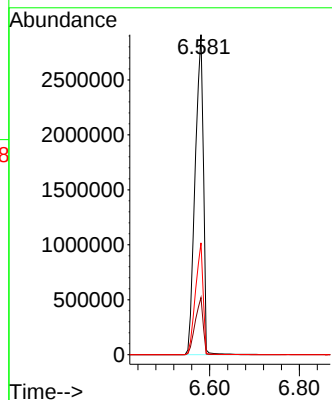
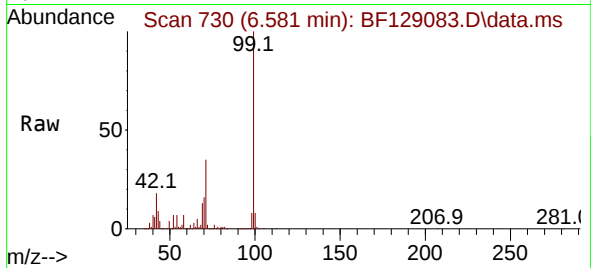




#7
Phenol-d6
Concen: 115.489 ng
RT: 6.581 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF129083.D
Acq: 01 Jul 2022 10:15

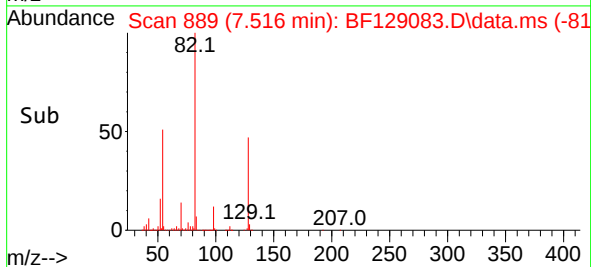
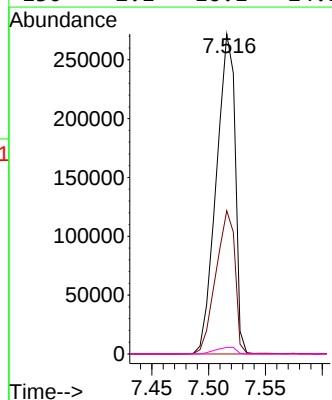
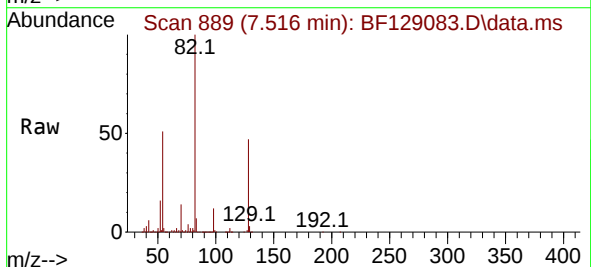
Instrument :
BNA_F
ClientSampleId :
PB145953BL

Tgt Ion: 99 Resp: 3708603
Ion Ratio Lower Upper
99 100
42 17.9 17.3 25.9
71 34.9 28.9 43.3



#19
n-Nitroso-di-n-propylamine
Concen: 16.955 ng
RT: 7.516 min Scan# 889
Delta R.T. 0.141 min
Lab File: BF129083.D
Acq: 01 Jul 2022 10:15

Tgt Ion: 70 Resp: 314964
Ion Ratio Lower Upper
70 100
42 44.7 52.3 78.5#
101 0.0 7.5 11.3#
130 2.1 16.1 24.1#

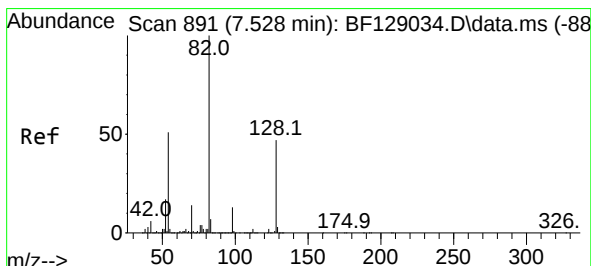
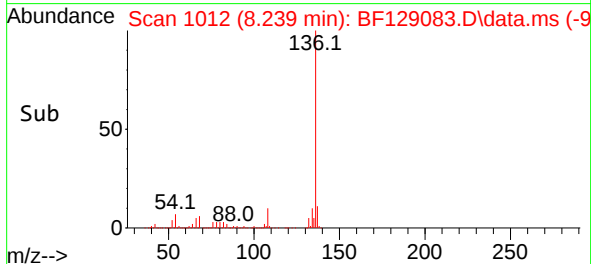
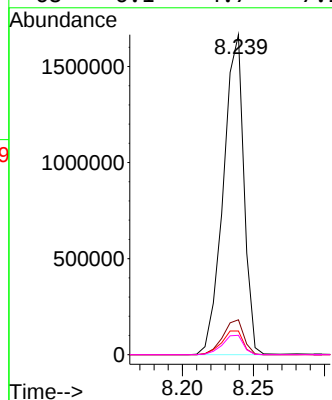
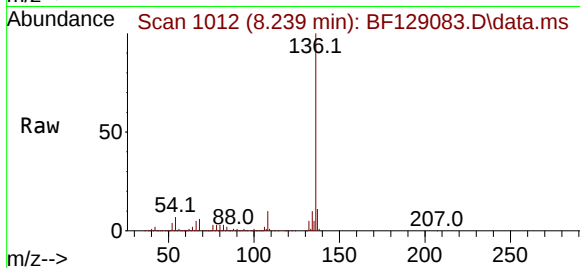




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.239 min Scan# 1013
Delta R.T. -0.006 min
Lab File: BF129083.D
Acq: 01 Jul 2022 10:15

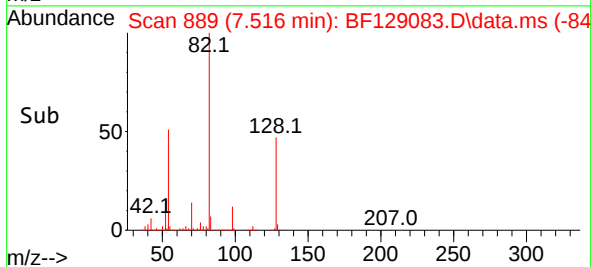
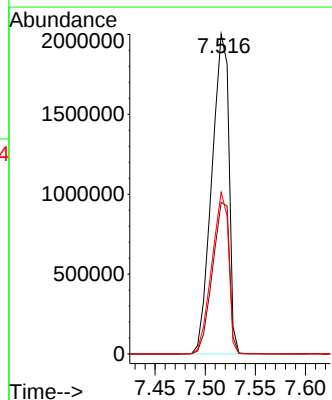
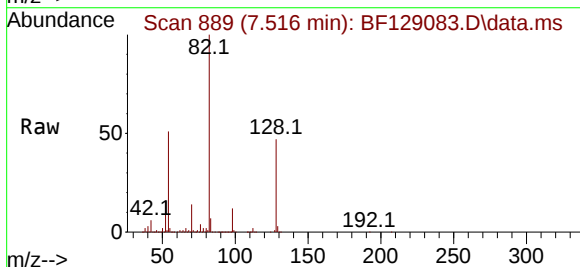
Instrument :
BNA_F
ClientSampleId :
PB145953BL

Tgt Ion:136 Resp: 1677875
Ion Ratio Lower Upper
136 100
137 10.9 8.8 13.2
54 7.4 7.5 11.3#
68 6.1 4.7 7.1



#23
Nitrobenzene-d5
Concen: 84.706 ng
RT: 7.516 min Scan# 889
Delta R.T. -0.012 min
Lab File: BF129083.D
Acq: 01 Jul 2022 10:15

Tgt Ion: 82 Resp: 2382820
Ion Ratio Lower Upper
82 100
128 47.4 34.0 51.0
54 50.6 46.9 70.3

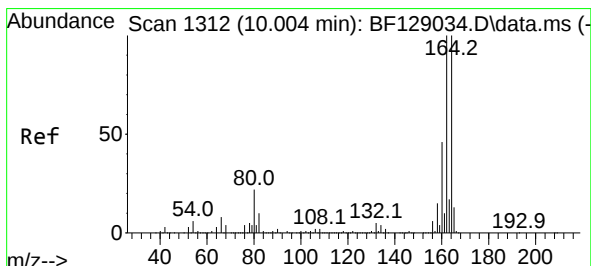
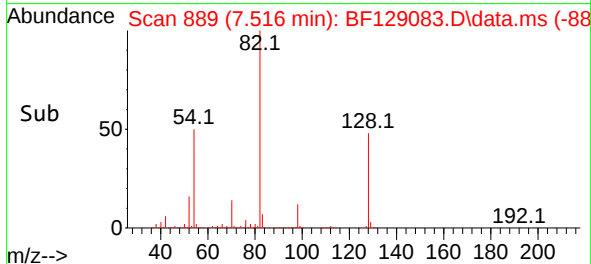
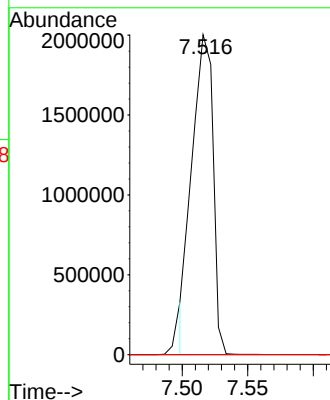
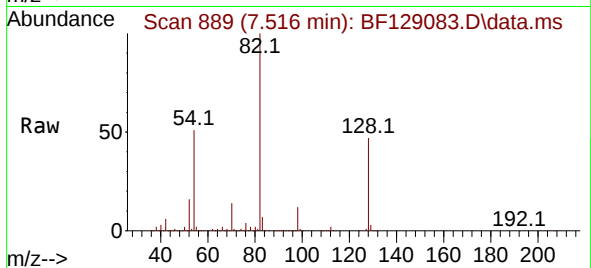




#25
Isophorone
Concen: 47.172 ng
RT: 7.516 min Scan# 81
Delta R.T. -0.277 min
Lab File: BF129083.D
Acq: 01 Jul 2022 10:15

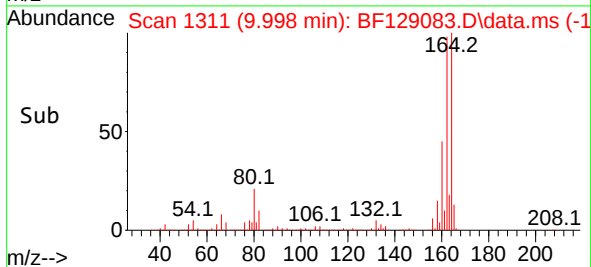
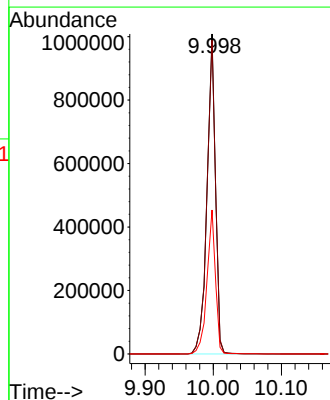
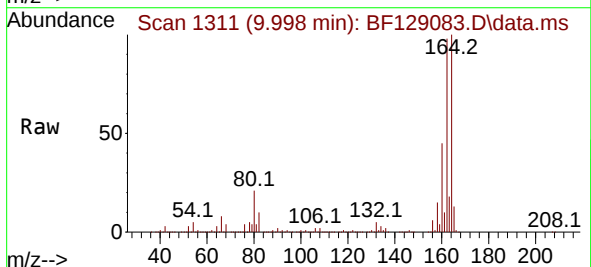
Instrument :
BNA_F
ClientSampleId :
PB145953BL

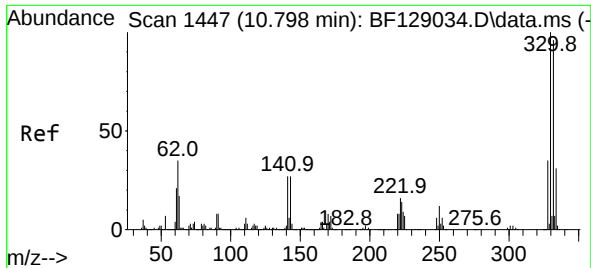
Tgt Ion: 82 Resp: 2242637
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 14.2 21.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.998 min Scan# 1311
Delta R.T. -0.006 min
Lab File: BF129083.D
Acq: 01 Jul 2022 10:15

Tgt Ion:164 Resp: 868480
Ion Ratio Lower Upper
164 100
162 98.0 79.5 119.3
160 45.0 34.2 51.4

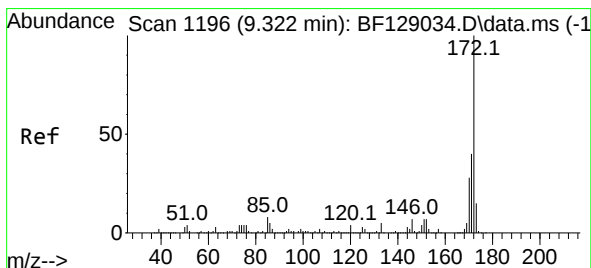
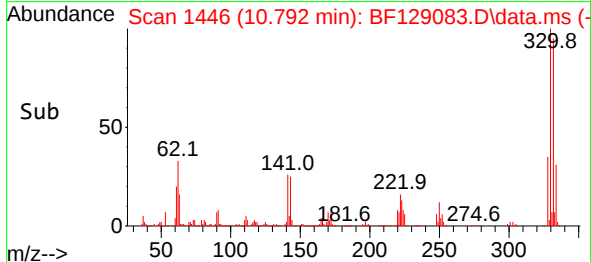
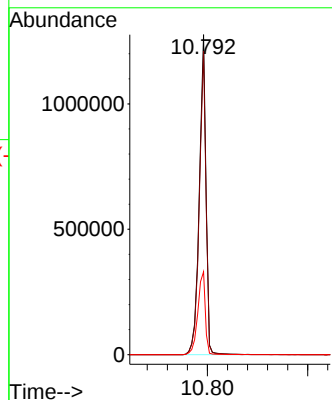
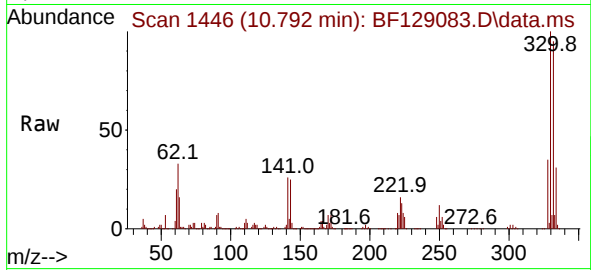




#42
2,4,6-Tribromophenol
Concen: 124.673 ng
RT: 10.792 min Scan# 1446
Delta R.T. -0.006 min
Lab File: BF129083.D
Acq: 01 Jul 2022 10:15

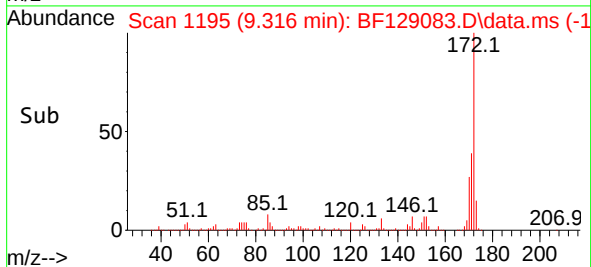
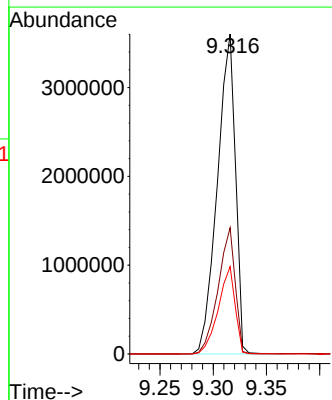
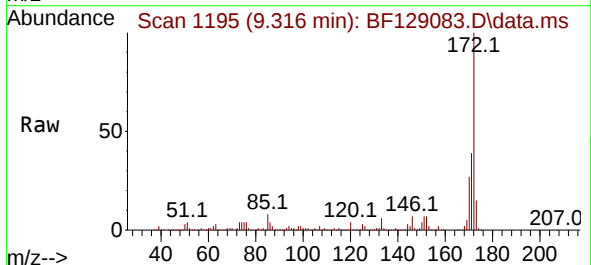
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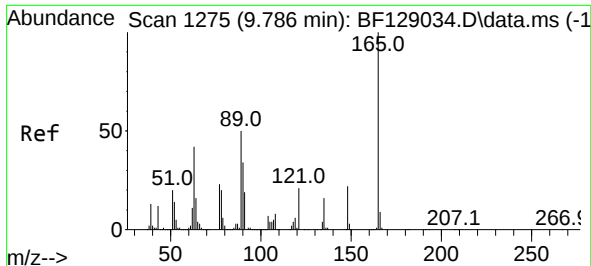
Tgt Ion:330 Resp: 1177340
Ion Ratio Lower Upper
330 100
332 95.1 76.8 115.2
141 29.0 28.0 42.0



#45
2-Fluorobiphenyl
Concen: 78.201 ng
RT: 9.316 min Scan# 1195
Delta R.T. -0.006 min
Lab File: BF129083.D
Acq: 01 Jul 2022 10:15

Tgt Ion:172 Resp: 4245333
Ion Ratio Lower Upper
172 100
171 39.5 28.8 43.2
170 27.3 19.8 29.8





#51

2,6-Dinitrotoluene

Concen: 10.039 ng

RT: 9.998 min Scan# 1311

Delta R.T. 0.212 min

Lab File: BF129083.D

Acq: 01 Jul 2022 10:15

Instrument :

BNA_F

ClientSampleId :

PB145953BL

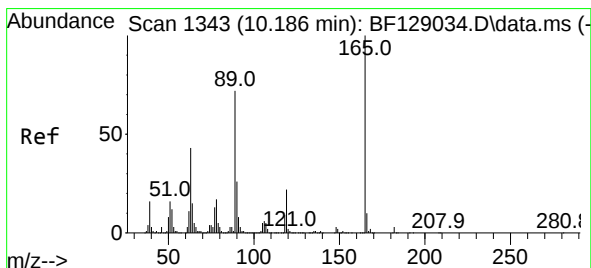
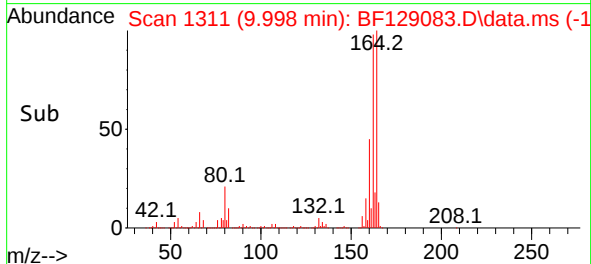
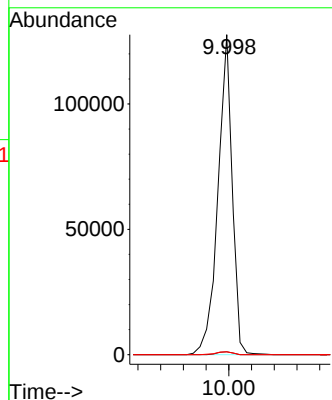
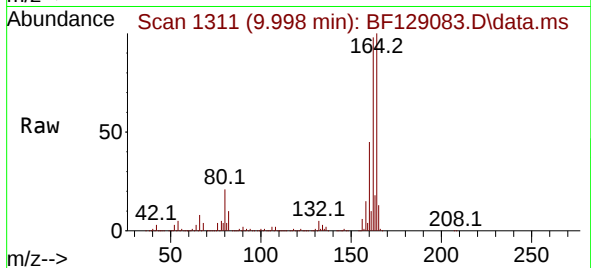
Tgt Ion:165 Resp: 111455

Ion Ratio Lower Upper

165 100

63 0.9 44.9 67.3#

89 0.9 43.6 65.4#



#57

2,4-Dinitrotoluene

Concen: 8.132 ng

RT: 9.998 min Scan# 1311

Delta R.T. -0.188 min

Lab File: BF129083.D

Acq: 01 Jul 2022 10:15

Tgt Ion:165 Resp: 111455

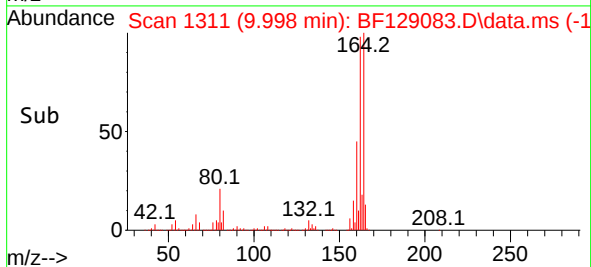
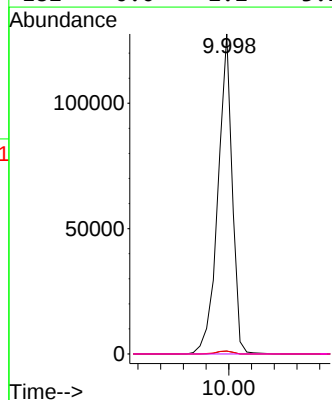
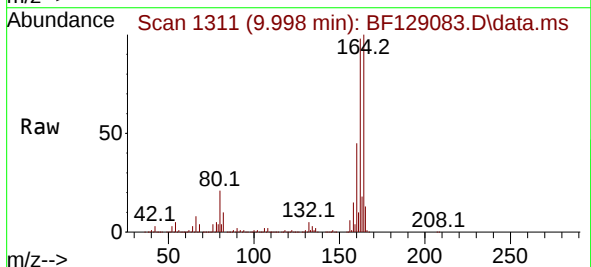
Ion Ratio Lower Upper

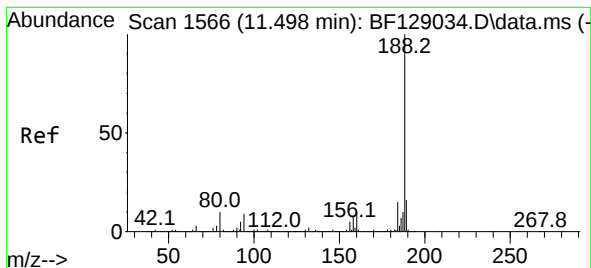
165 100

63 0.9 39.8 59.6#

89 0.9 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: BF129083.D

Acq: 01 Jul 2022 10:15

Instrument :

BNA_F

ClientSampleId :

PB145953BL

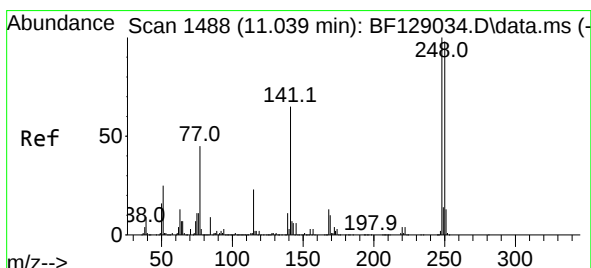
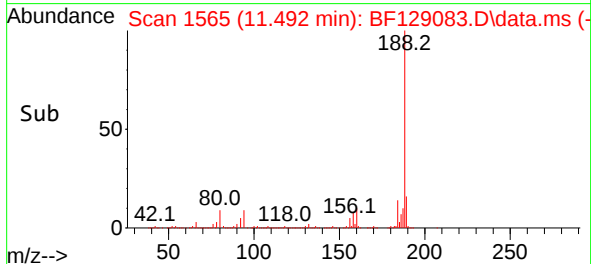
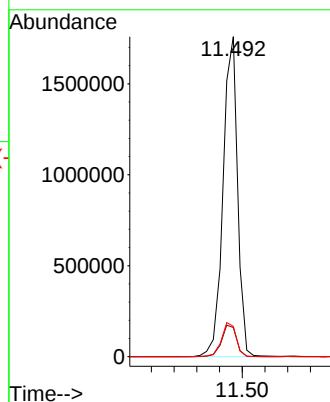
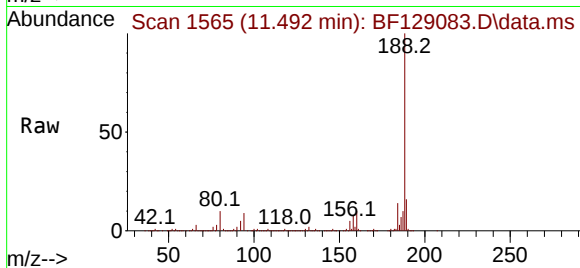
Tgt Ion:188 Resp: 1566802

Ion Ratio Lower Upper

188 100

94 9.1 7.0 10.6

80 9.5 7.6 11.4



#67

4-Bromophenyl-phenylether

Concen: 4.206 ng

RT: 10.792 min Scan# 1446

Delta R.T. -0.247 min

Lab File: BF129083.D

Acq: 01 Jul 2022 10:15

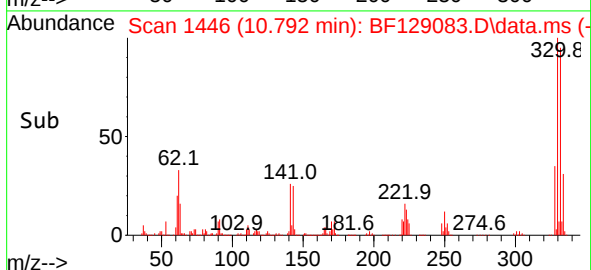
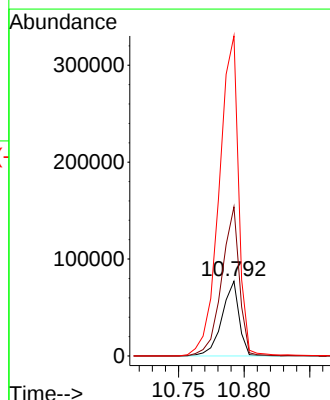
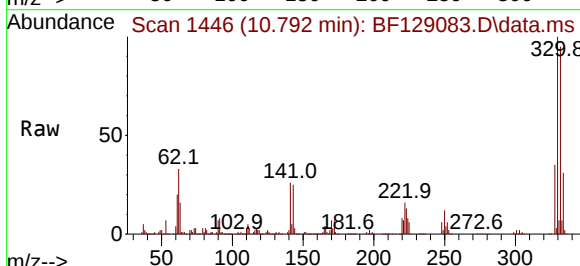
Tgt Ion:248 Resp: 70098

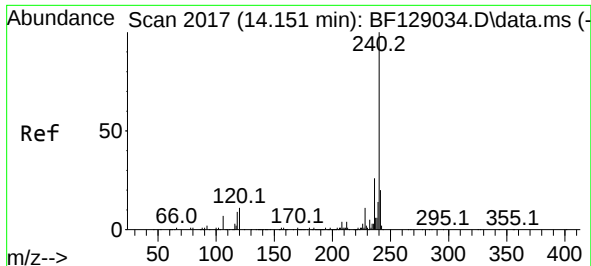
Ion Ratio Lower Upper

248 100

250 199.7 80.6 120.8#

141 428.6 58.9 88.3#

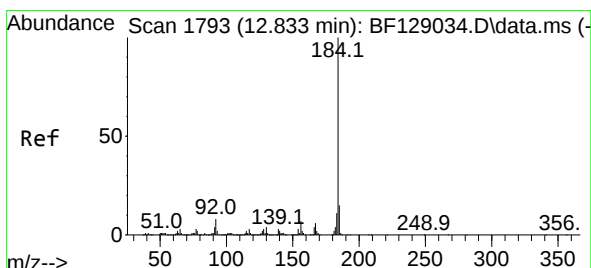
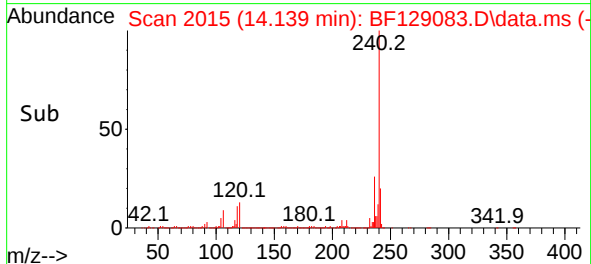
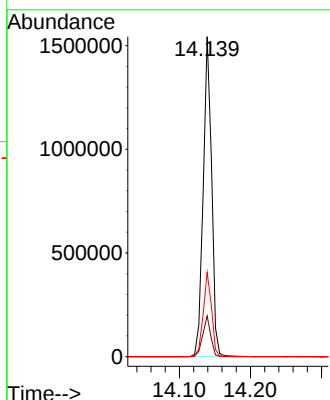
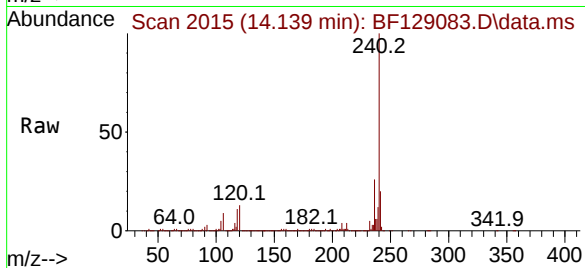




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.139 min Scan# 2017
Delta R.T. -0.012 min
Lab File: BF129083.D
Acq: 01 Jul 2022 10:15

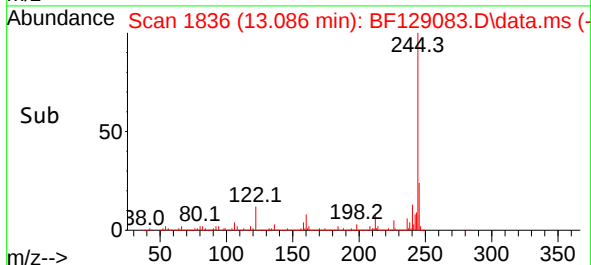
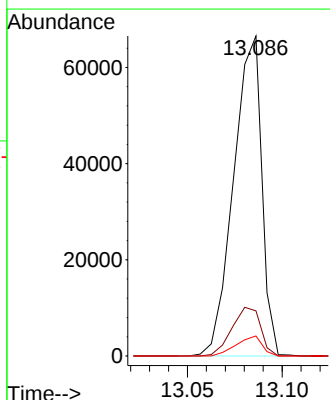
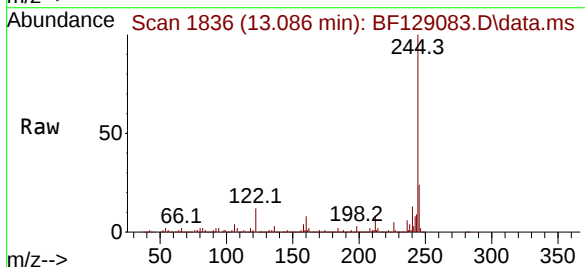
Instrument :
BNA_F
ClientSampleId :
PB145953BL

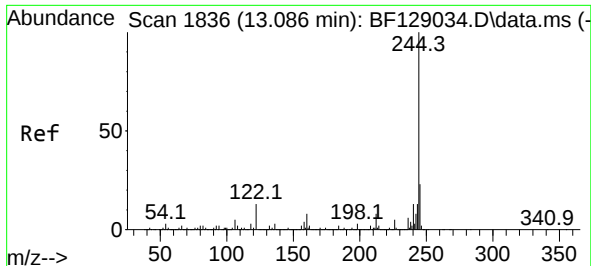
Tgt Ion:240 Resp: 1276389
Ion Ratio Lower Upper
240 100
120 12.7 8.9 13.3
236 26.4 20.8 31.2



#77
Benzidine
Concen: 3.024 ng
RT: 13.086 min Scan# 1836
Delta R.T. 0.253 min
Lab File: BF129083.D
Acq: 01 Jul 2022 10:15

Tgt Ion:184 Resp: 68740
Ion Ratio Lower Upper
184 100
185 14.1 11.9 17.9
183 6.2 9.3 13.9#

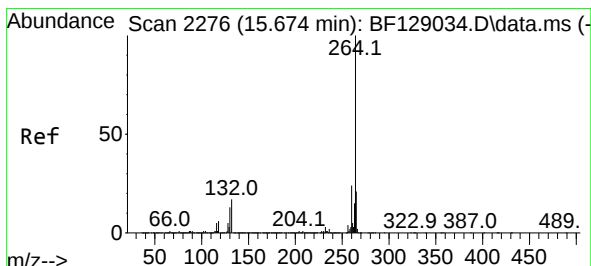
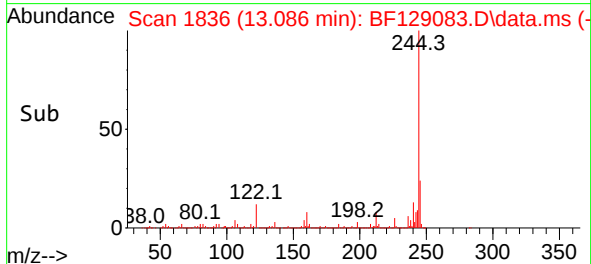
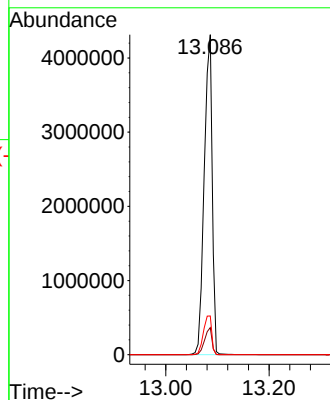
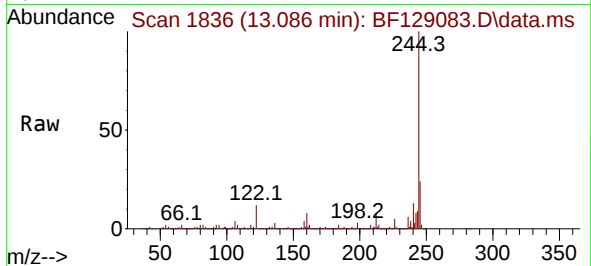




#79
 Terphenyl-d14
 Concen: 75.251 ng
 RT: 13.086 min Scan# 1836
 Delta R.T. -0.000 min
 Lab File: BF129083.D
 Acq: 01 Jul 2022 10:15

Instrument :
 BNA_F
 ClientSampleId :
 PB145953BL

Tgt Ion:244 Resp: 4625269
 Ion Ratio Lower Upper
 244 100
 212 8.5 6.1 9.1
 122 12.1 8.8 13.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.662 min Scan# 2274
 Delta R.T. -0.012 min
 Lab File: BF129083.D
 Acq: 01 Jul 2022 10:15

Tgt Ion:264 Resp: 1176954
 Ion Ratio Lower Upper
 264 100
 260 23.7 18.4 27.6
 265 21.7 17.2 25.8

