

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070122\
 Data File : BF129087.D
 Acq On : 01 Jul 2022 12:16
 Operator : CG\JU
 Sample : PB145957BL
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB145957BL

Quant Time: Jul 02 01:24:45 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)

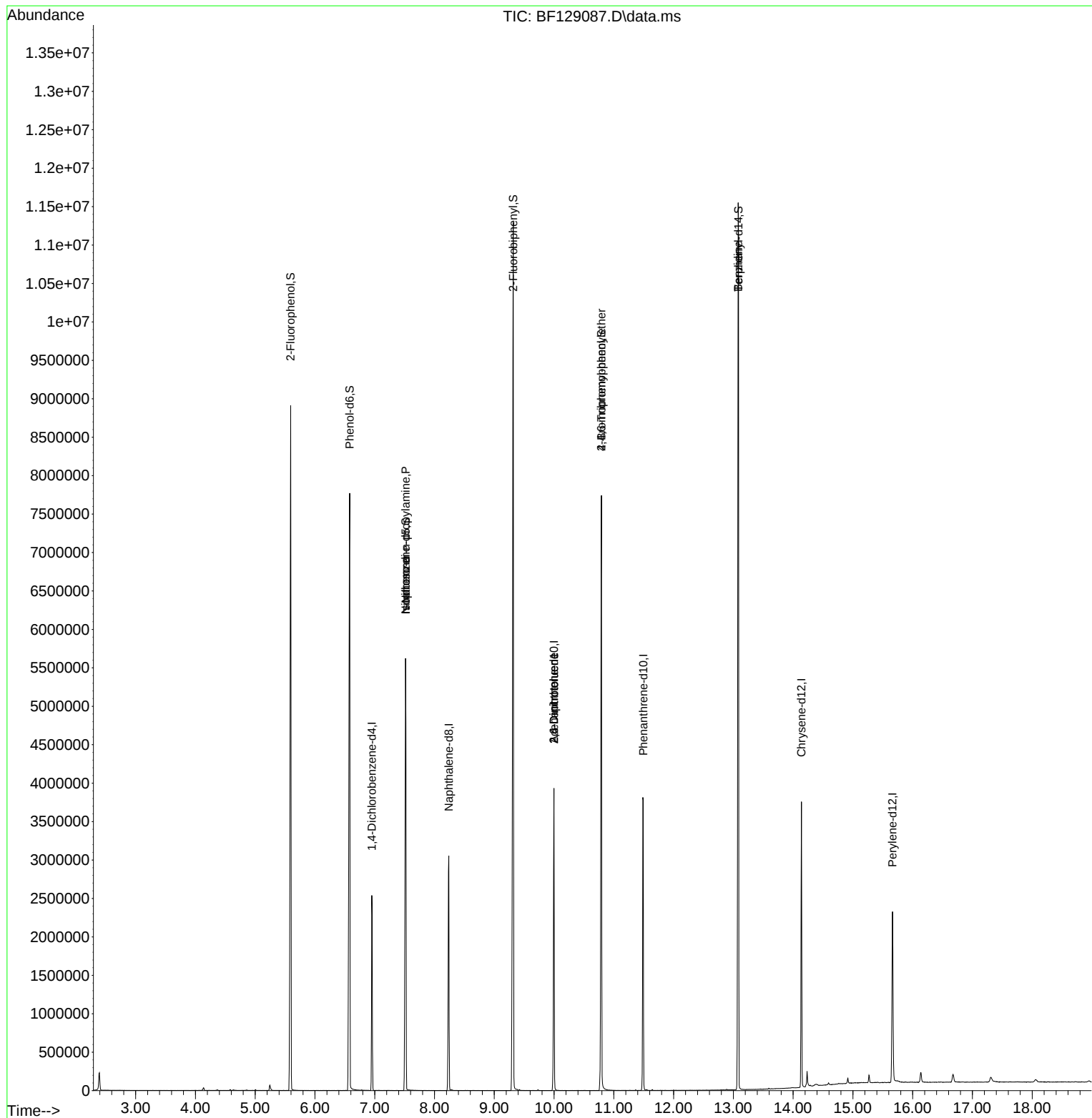
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.951	152	399930	20.000	ng	-0.01
21) Naphthalene-d8	8.239	136	1542947	20.000	ng	# 0.00
39) Acenaphthene-d10	9.998	164	807867	20.000	ng	0.00
64) Phenanthrene-d10	11.492	188	1484751	20.000	ng	0.00
76) Chrysene-d12	14.139	240	1194332	20.000	ng	-0.01
86) Perylene-d12	15.663	264	1008513	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.593	112	2837223	119.939	ng	0.00
7) Phenol-d6	6.581	99	3410108	116.071	ng	0.00
23) Nitrobenzene-d5	7.516	82	2223657	85.961	ng	-0.01
42) 2,4,6-Tribromophenol	10.792	330	1091273	124.229	ng	0.00
45) 2-Fluorobiphenyl	9.316	172	3933731	77.898	ng	0.00
79) Terphenyl-d14	13.086	244	4533248	78.821	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.516	77	204	Below Cal	#	1
19) n-Nitroso-di-n-propyla...	7.516	70	294443	17.325	ng	# 71
25) Isophorone	7.516	82	2081397	47.609	ng	# 65
51) 2,6-Dinitrotoluene	9.998	165	105738	10.238	ng	# 25
57) 2,4-Dinitrotoluene	9.998	165	105738	8.293	ng	# 21
67) 4-Bromophenyl-phenylether	10.792	248	66653	4.220	ng	# 1
77) Benzydine	13.080	184	65508	3.080	ng	# 91

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

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Quant Time: Jul 02 01:24:45 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

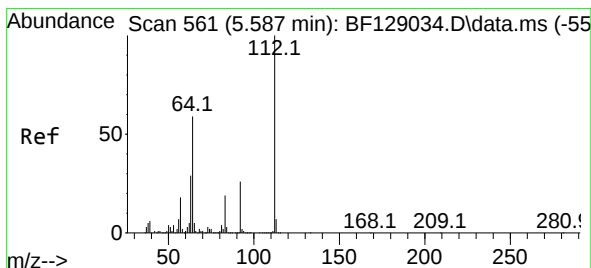
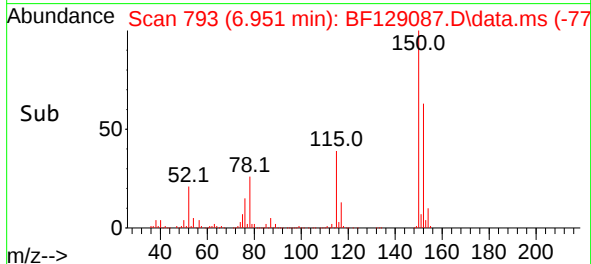
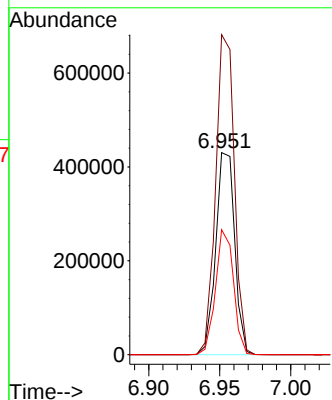
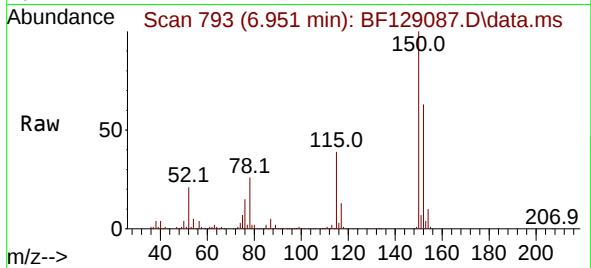




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.951 min Scan# 795
Delta R.T. -0.012 min
Lab File: BF129087.D
Acq: 01 Jul 2022 12:16

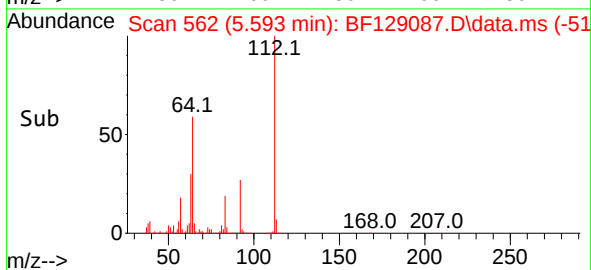
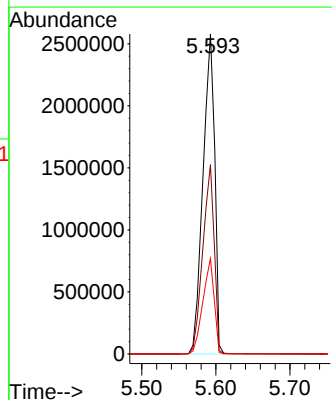
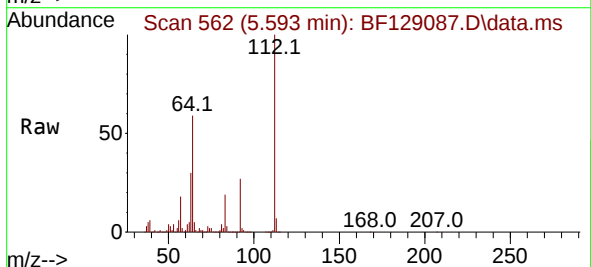
Instrument :
BNA_F
ClientSampleId :
PB145957BL

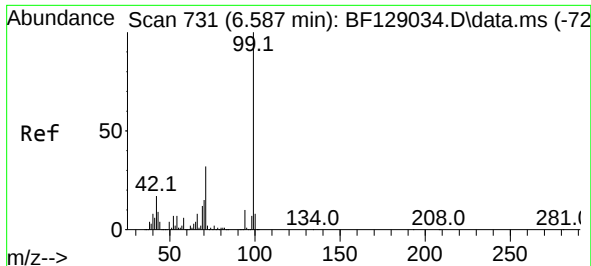
Tgt Ion:152 Resp: 399930
Ion Ratio Lower Upper
152 100
150 158.3 123.7 185.5
115 61.8 49.9 74.9



#5
2-Fluorophenol
Concen: 119.939 ng
RT: 5.593 min Scan# 562
Delta R.T. 0.006 min
Lab File: BF129087.D
Acq: 01 Jul 2022 12:16

Tgt Ion:112 Resp: 2837223
Ion Ratio Lower Upper
112 100
64 59.1 53.3 79.9
63 29.9 28.0 42.0

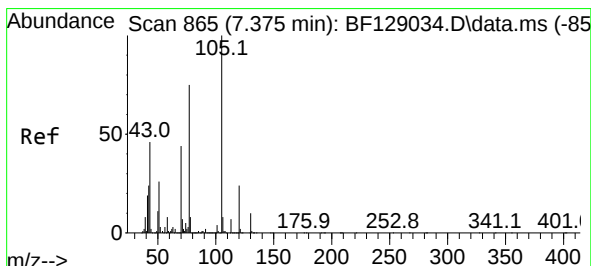
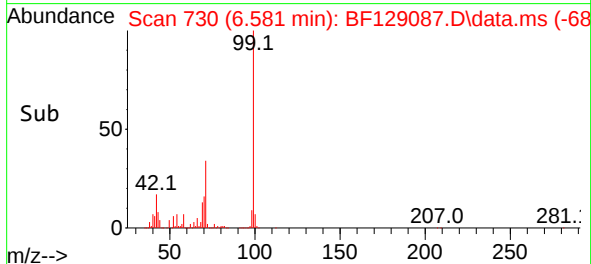
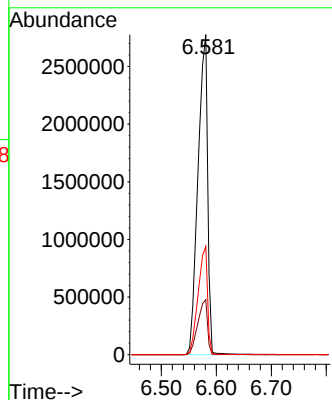
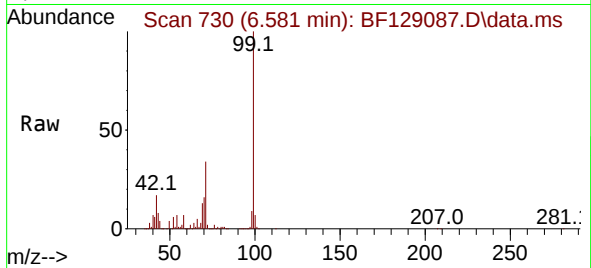




#7
Phenol-d6
Concen: 116.071 ng
RT: 6.581 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF129087.D
Acq: 01 Jul 2022 12:16

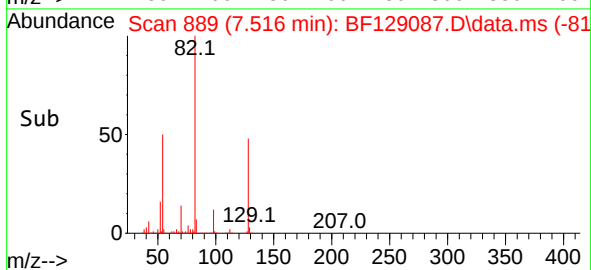
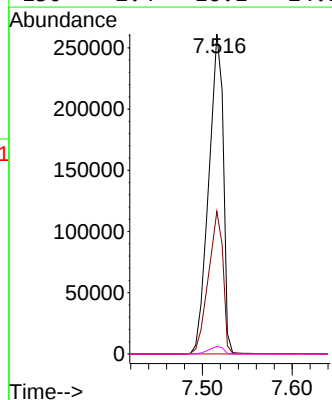
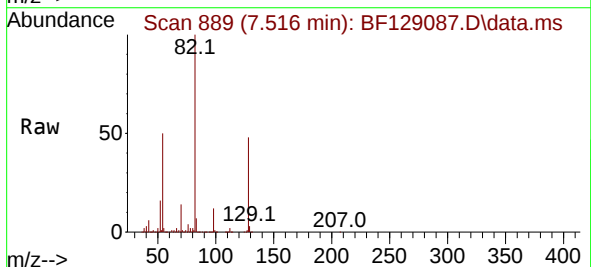
Instrument :
BNA_F
ClientSampleId :
PB145957BL

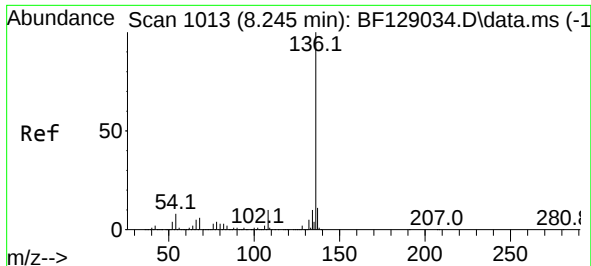
Tgt Ion: 99 Resp: 3410108
Ion Ratio Lower Upper
99 100
42 17.2 17.3 25.9#
71 33.8 28.9 43.3



#19
n-Nitroso-di-n-propylamine
Concen: 17.325 ng
RT: 7.516 min Scan# 889
Delta R.T. 0.141 min
Lab File: BF129087.D
Acq: 01 Jul 2022 12:16

Tgt Ion: 70 Resp: 294443
Ion Ratio Lower Upper
70 100
42 44.6 52.3 78.5#
101 0.1 7.5 11.3#
130 2.4 16.1 24.1#

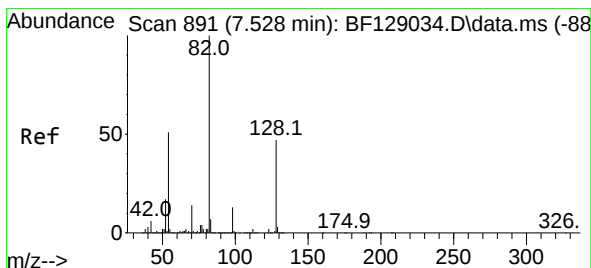
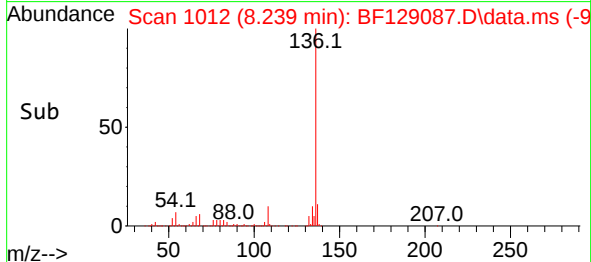
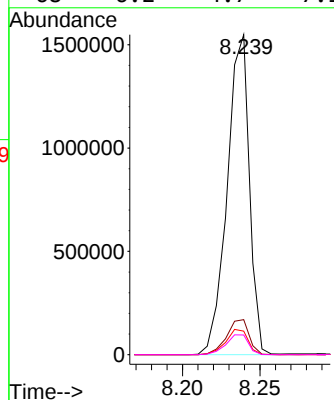
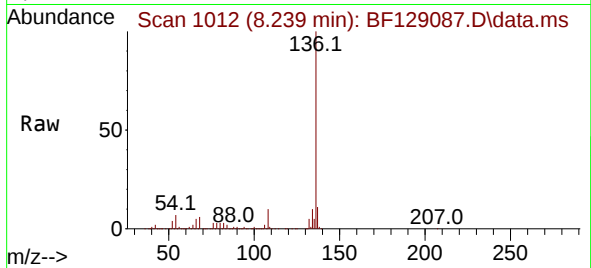




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.239 min Scan# 1012
Delta R.T. -0.006 min
Lab File: BF129087.D
Acq: 01 Jul 2022 12:16

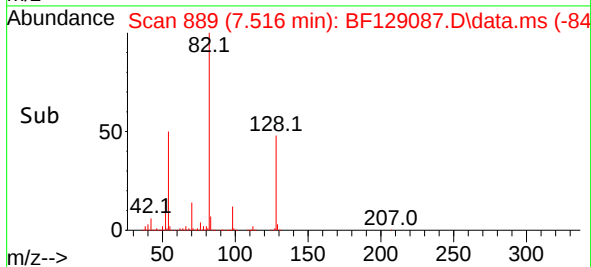
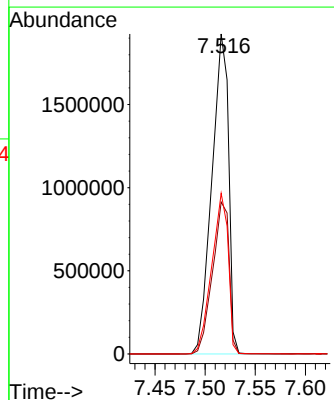
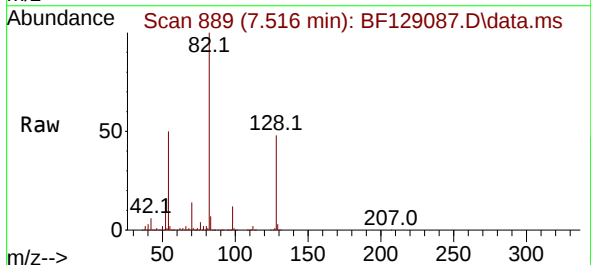
Instrument :
BNA_F
ClientSampleId :
PB145957BL

Tgt Ion:136 Resp: 1542947
Ion Ratio Lower Upper
136 100
137 11.0 8.8 13.2
54 7.4 7.5 11.3#
68 6.2 4.7 7.1



#23
Nitrobenzene-d5
Concen: 85.961 ng
RT: 7.516 min Scan# 889
Delta R.T. -0.012 min
Lab File: BF129087.D
Acq: 01 Jul 2022 12:16

Tgt Ion: 82 Resp: 2223657
Ion Ratio Lower Upper
82 100
128 47.5 34.0 51.0
54 50.2 46.9 70.3

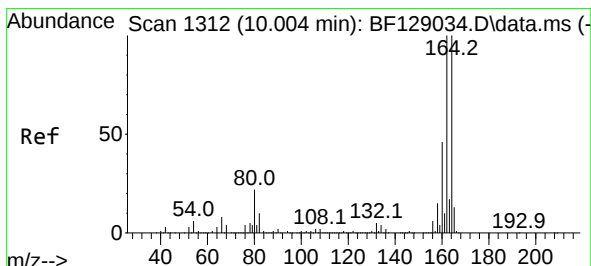
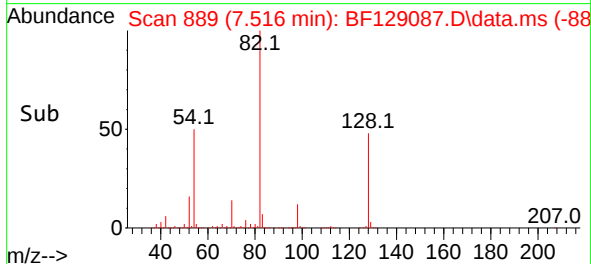
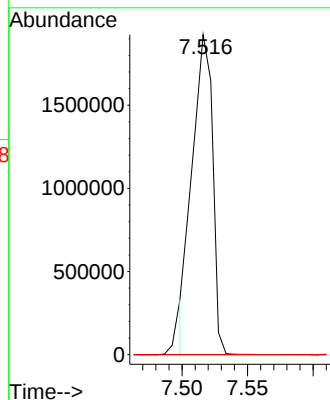
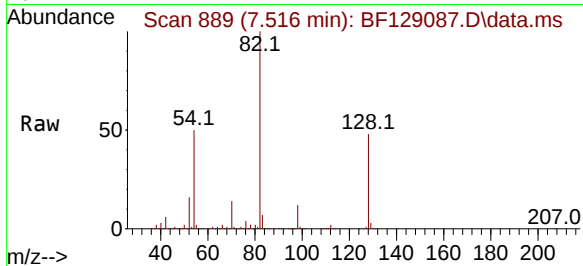




#25
Isophorone
Concen: 47.609 ng
RT: 7.516 min Scan# 81
Delta R.T. -0.277 min
Lab File: BF129087.D
Acq: 01 Jul 2022 12:16

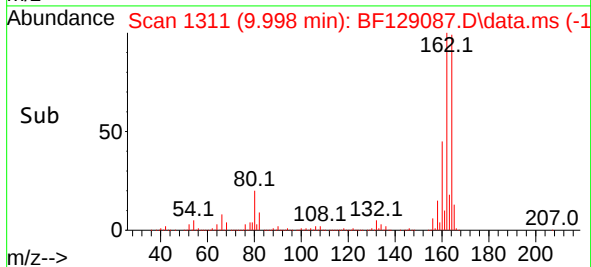
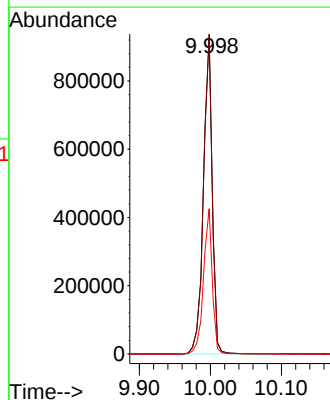
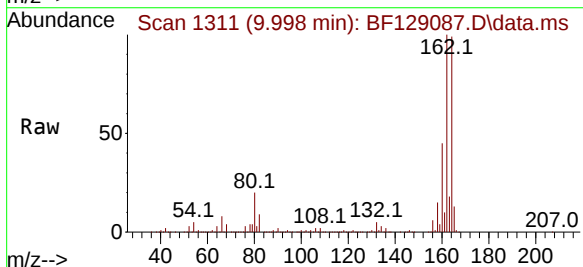
Instrument :
BNA_F
ClientSampleId :
PB145957BL

Tgt Ion: 82 Resp: 2081397
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: BF129087.D
Acq: 01 Jul 2022 12:16

Tgt Ion: 164 Resp: 807867
Ion Ratio Lower Upper
164 100
162 101.0 79.5 119.3
160 45.8 34.2 51.4

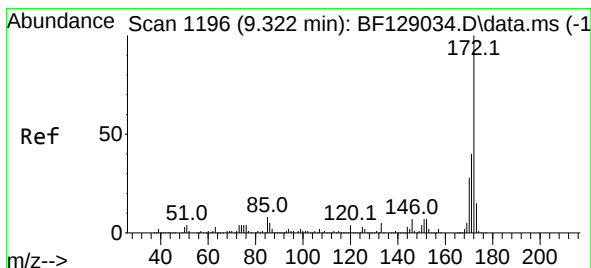
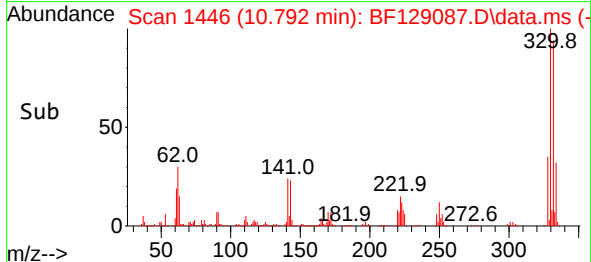
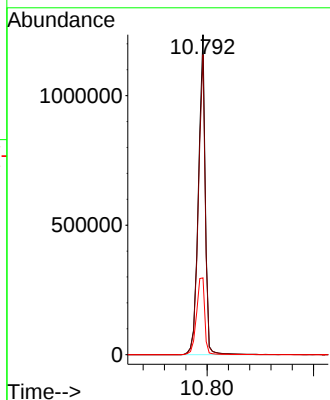
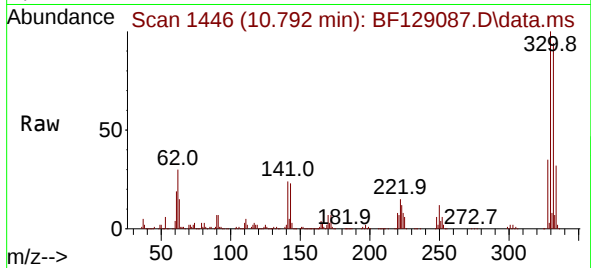




#42
2,4,6-Tribromophenol
Concen: 124.229 ng
RT: 10.792 min Scan# 1446
Delta R.T. -0.006 min
Lab File: BF129087.D
Acq: 01 Jul 2022 12:16

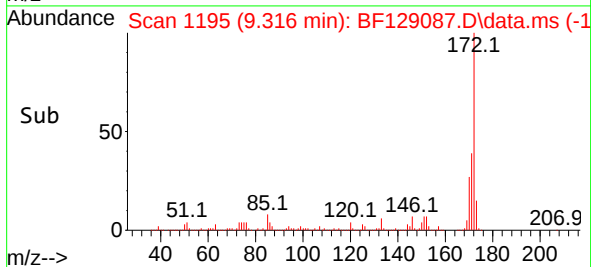
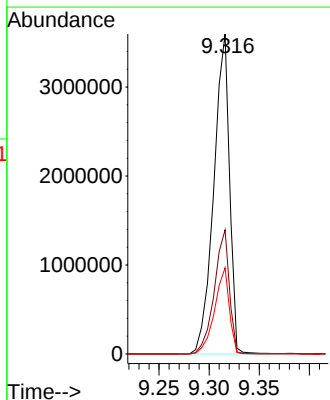
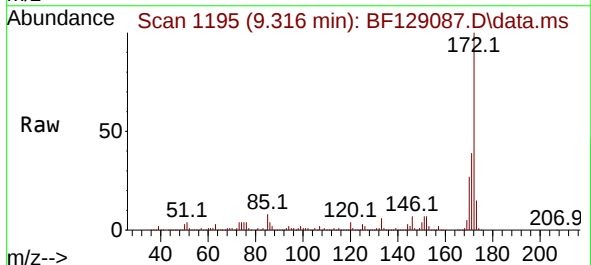
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ClientSampleId :
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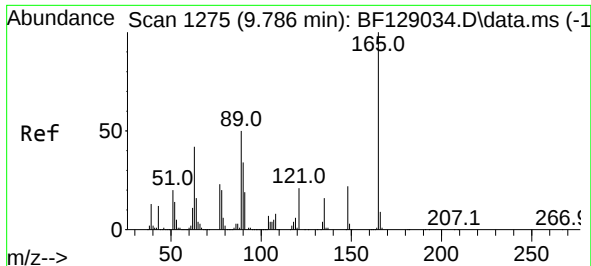
Tgt Ion:330 Resp: 1091273
Ion Ratio Lower Upper
330 100
332 94.6 76.8 115.2
141 29.1 28.0 42.0



#45
2-Fluorobiphenyl
Concen: 77.898 ng
RT: 9.316 min Scan# 1195
Delta R.T. -0.006 min
Lab File: BF129087.D
Acq: 01 Jul 2022 12:16

Tgt Ion:172 Resp: 3933731
Ion Ratio Lower Upper
172 100
171 38.8 28.8 43.2
170 27.0 19.8 29.8

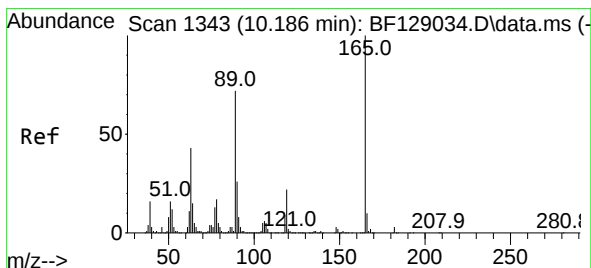
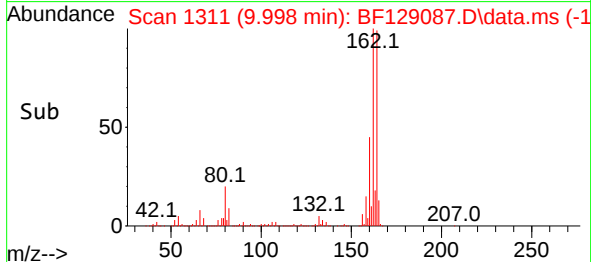
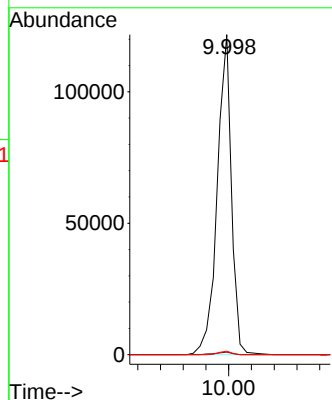
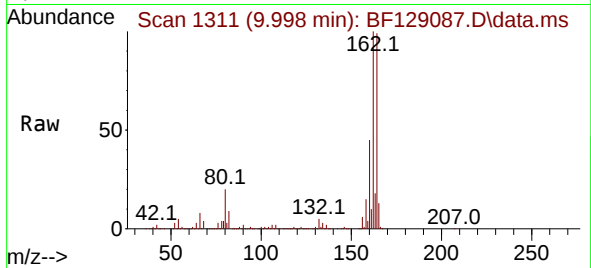




#51
2,6-Dinitrotoluene
Concen: 10.238 ng
RT: 9.998 min Scan# 1311
Delta R.T. 0.212 min
Lab File: BF129087.D
Acq: 01 Jul 2022 12:16

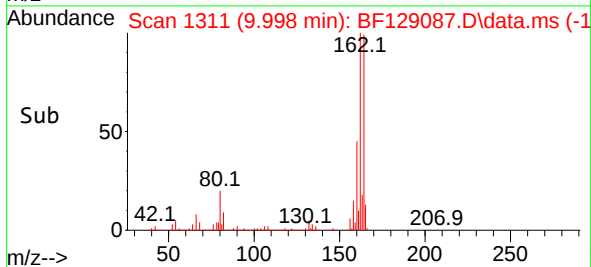
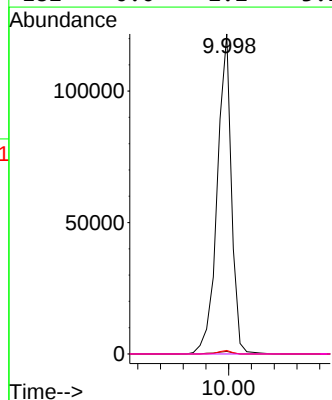
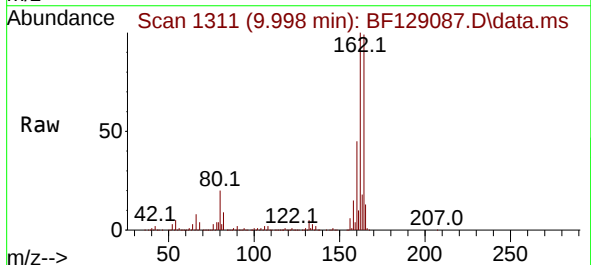
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ClientSampleId :
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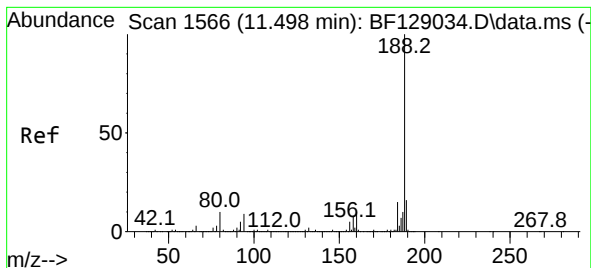
Tgt Ion:165 Resp: 105738
Ion Ratio Lower Upper
165 100
63 0.8 44.9 67.3#
89 1.1 43.6 65.4#



#57
2,4-Dinitrotoluene
Concen: 8.293 ng
RT: 9.998 min Scan# 1311
Delta R.T. -0.188 min
Lab File: BF129087.D
Acq: 01 Jul 2022 12:16

Tgt Ion:165 Resp: 105738
Ion Ratio Lower Upper
165 100
63 0.8 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# 11

Delta R.T. -0.006 min

Lab File: BF129087.D

Acq: 01 Jul 2022 12:16

Instrument :

BNA_F

ClientSampleId :

PB145957BL

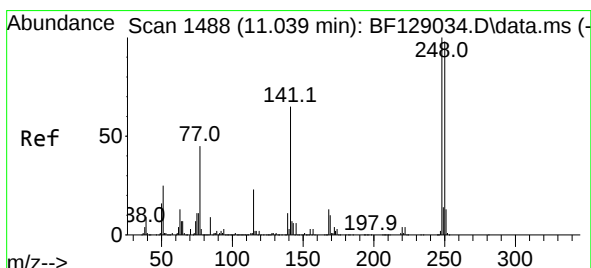
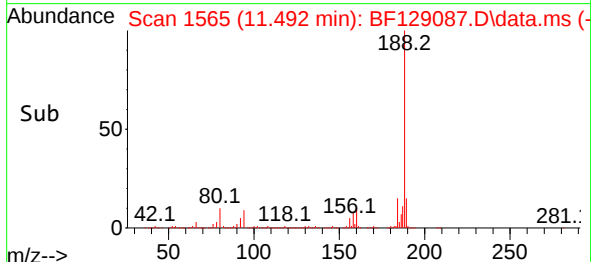
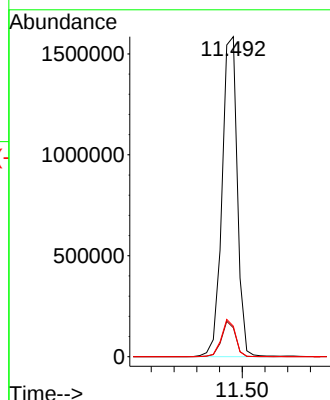
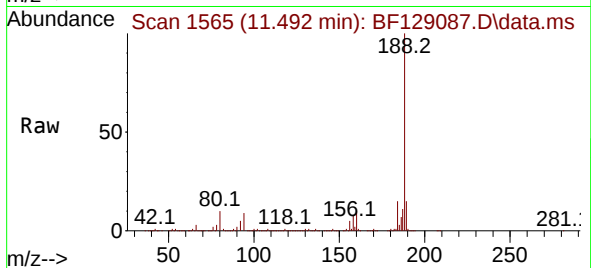
Tgt Ion:188 Resp: 1484751

Ion Ratio Lower Upper

188 100

94 9.0 7.0 10.6

80 9.5 7.6 11.4



#67

4-Bromophenyl-phenylether

Concen: 4.220 ng

RT: 10.792 min Scan# 1446

Delta R.T. -0.247 min

Lab File: BF129087.D

Acq: 01 Jul 2022 12:16

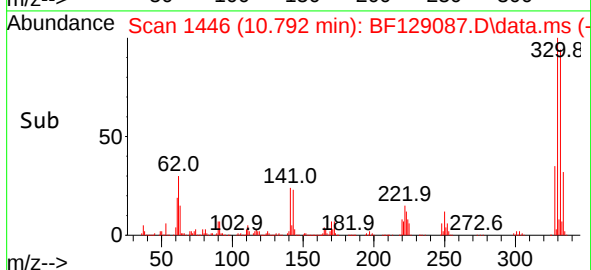
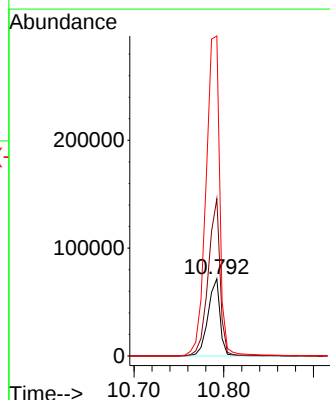
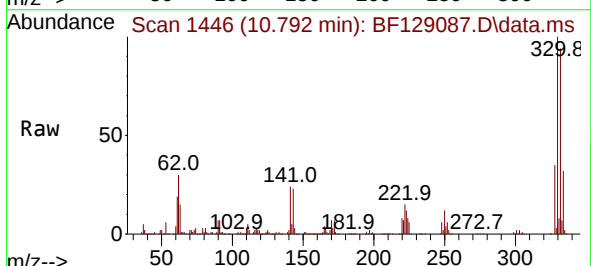
Tgt Ion:248 Resp: 66653

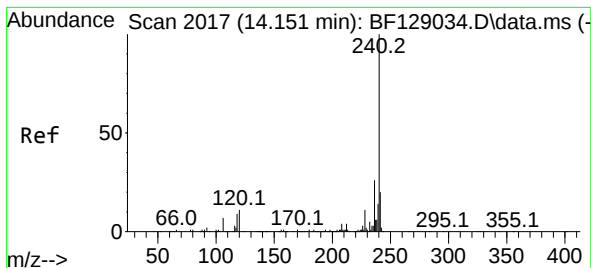
Ion Ratio Lower Upper

248 100

250 203.7 80.6 120.8#

141 414.9 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: BF129087.D

Acq: 01 Jul 2022 12:16

Instrument :

BNA_F

ClientSampleId :

PB145957BL

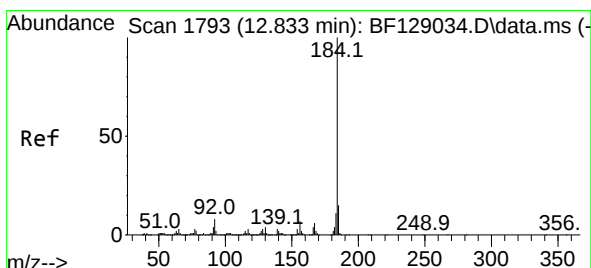
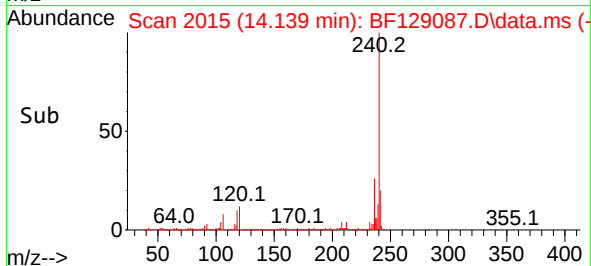
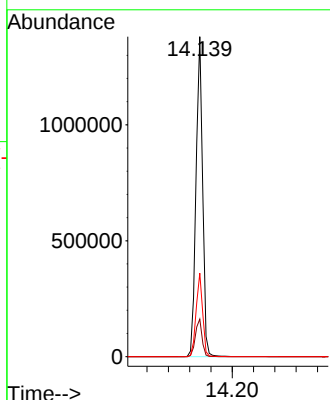
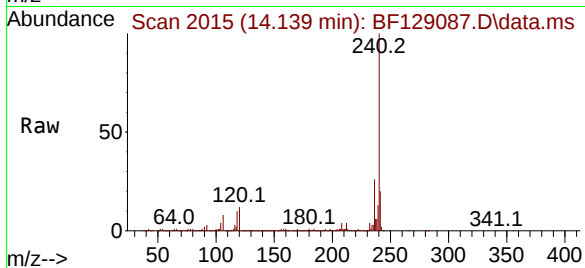
Tgt Ion:240 Resp: 1194332

Ion Ratio Lower Upper

240 100

120 11.7 8.9 13.3

236 26.1 20.8 31.2



#77

Benzidine

Concen: 3.080 ng

RT: 13.080 min Scan# 1835

Delta R.T. 0.247 min

Lab File: BF129087.D

Acq: 01 Jul 2022 12:16

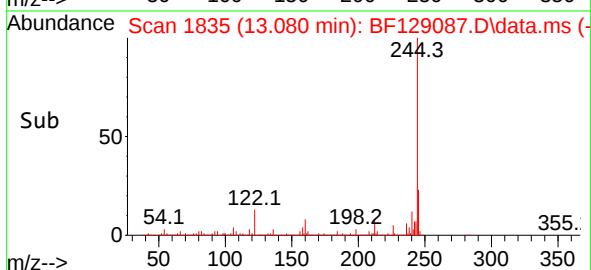
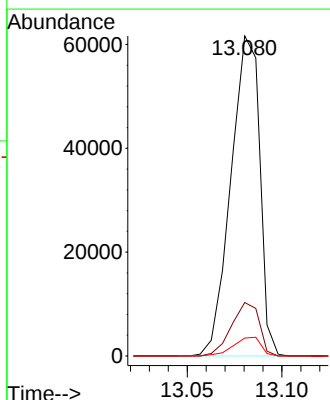
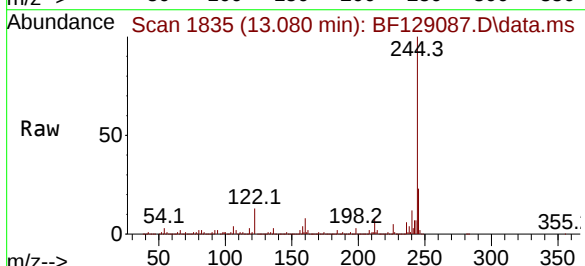
Tgt Ion:184 Resp: 65508

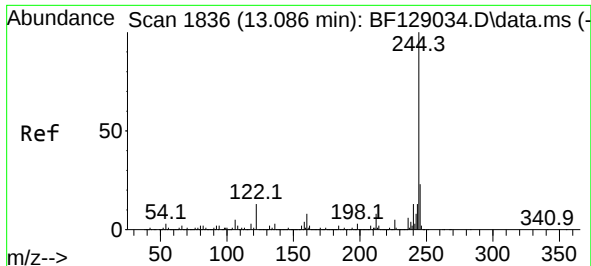
Ion Ratio Lower Upper

184 100

185 16.7 11.9 17.9

183 5.6 9.3 13.9#

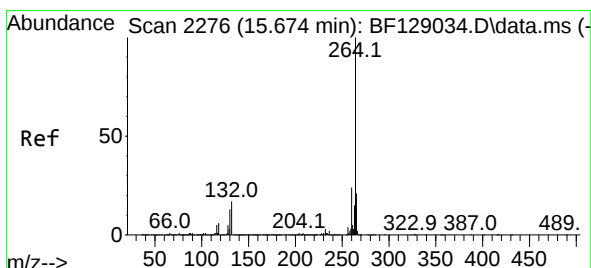
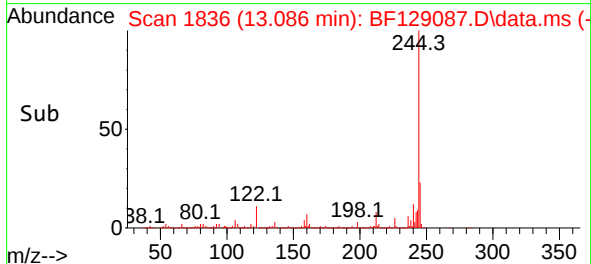
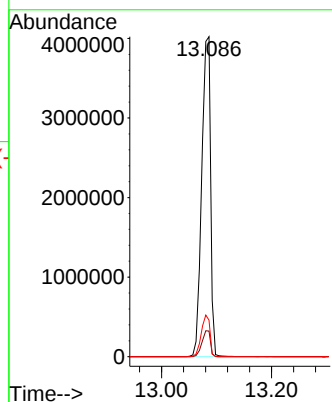
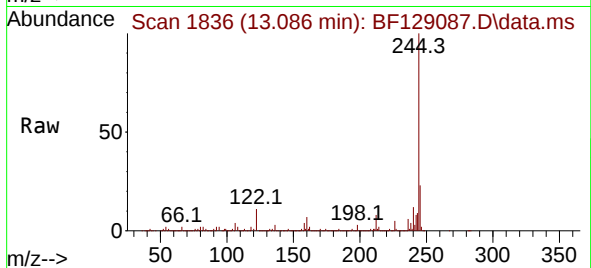




#79
 Terphenyl-d14
 Concen: 78.821 ng
 RT: 13.086 min Scan# 1836
 Delta R.T. -0.000 min
 Lab File: BF129087.D
 Acq: 01 Jul 2022 12:16

Instrument :
 BNA_F
 ClientSampleId :
 PB145957BL

Tgt Ion:244 Resp: 4533248
 Ion Ratio Lower Upper
 244 100
 212 8.0 6.1 9.1
 122 11.4 8.8 13.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.663 min Scan# 2274
 Delta R.T. -0.012 min
 Lab File: BF129087.D
 Acq: 01 Jul 2022 12:16

Tgt Ion:264 Resp: 1008513
 Ion Ratio Lower Upper
 264 100
 260 23.9 18.4 27.6
 265 21.7 17.2 25.8

