

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070622\
 Data File : BF129147.D
 Acq On : 06 Jul 2022 17:24
 Operator : CG\JU
 Sample : N3580-01
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 72-11982

Quant Time: Jul 06 17:44:17 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)

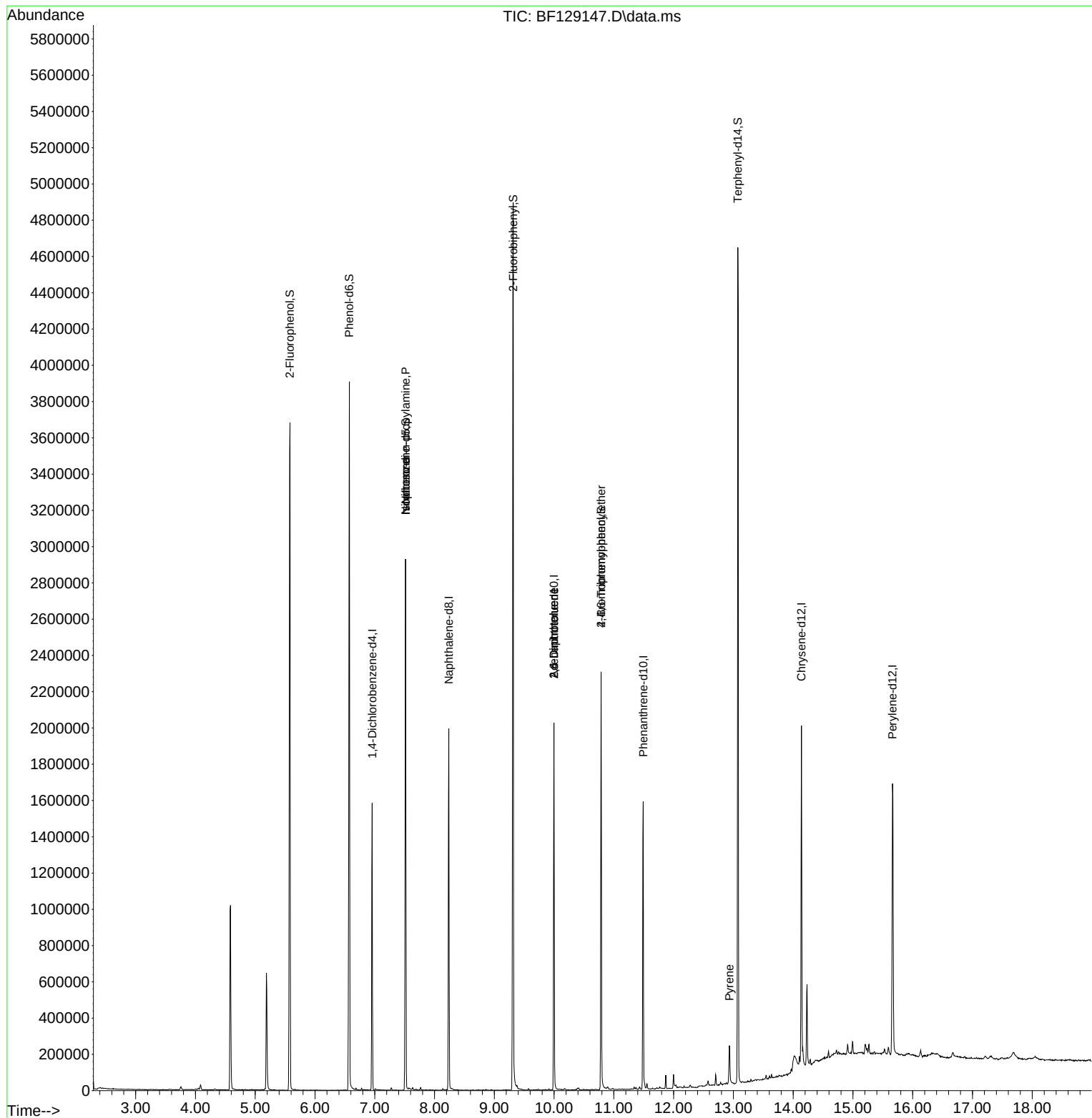
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.957	152	224749	20.000	ng	0.00
21) Naphthalene-d8	8.239	136	835256	20.000	ng	# 0.00
39) Acenaphthene-d10	9.998	164	387897	20.000	ng	0.00
64) Phenanthrene-d10	11.492	188	587420	20.000	ng	0.00
76) Chrysene-d12	14.139	240	602652	20.000	ng	-0.01
86) Perylene-d12	15.662	264	714753	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.581	112	1069519	80.453	ng	0.00
7) Phenol-d6	6.575	99	1342947	81.339	ng	-0.01
23) Nitrobenzene-d5	7.516	82	885093	63.205	ng	-0.01
42) 2,4,6-Tribromophenol	10.786	330	272850	64.690	ng	-0.01
45) 2-Fluorobiphenyl	9.316	172	1645147	67.850	ng	0.00
79) Terphenyl-d14	13.074	244	1652401	56.939	ng	-0.01
Target Compounds						
						Qvalue
9) Benzaldehyde	6.504	77	399	Below Cal	#	44
19) n-Nitroso-di-n-propyla...	7.516	70	116207	12.167	ng	# 71
25) Isophorone	7.516	82	866987	36.634	ng	# 65
51) 2,6-Dinitrotoluene	9.998	165	50276	10.139	ng	# 25
57) 2,4-Dinitrotoluene	9.998	165	50467	8.244	ng	# 21
67) 4-Bromophenyl-phenylether	10.786	248	15776	2.525	ng	# 1
78) Pyrene	12.933	202	112822	2.701	ng	98

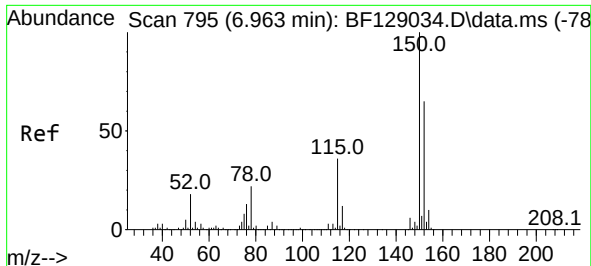
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070622\
Data File : BF129147.D
Acq On : 06 Jul 2022 17:24
Operator : CG\JU
Sample : N3580-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
72-11982

Quant Time: Jul 06 17:44:17 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

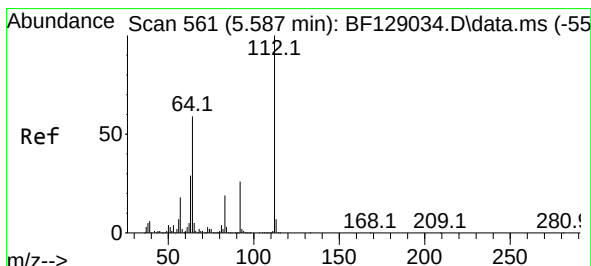
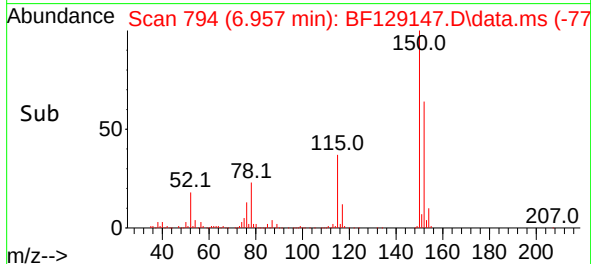
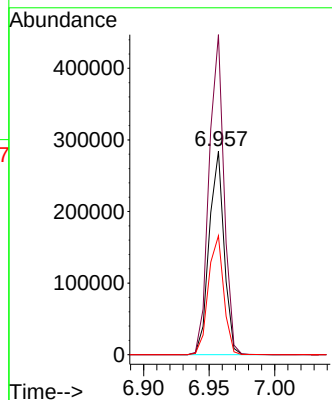
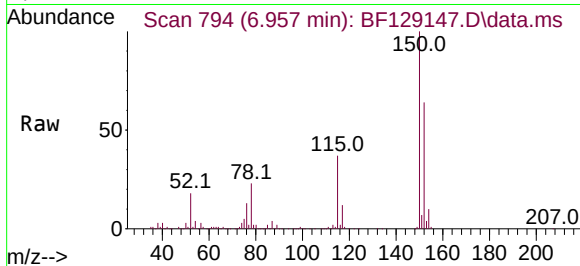




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.957 min Scan# 795
Delta R.T. -0.006 min
Lab File: BF129147.D
Acq: 06 Jul 2022 17:24

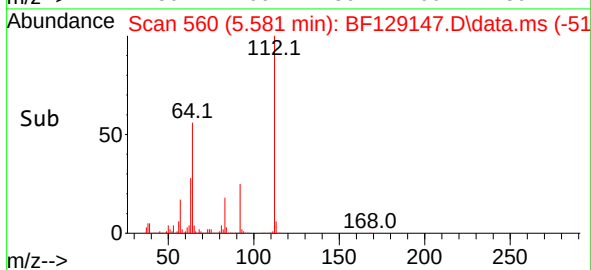
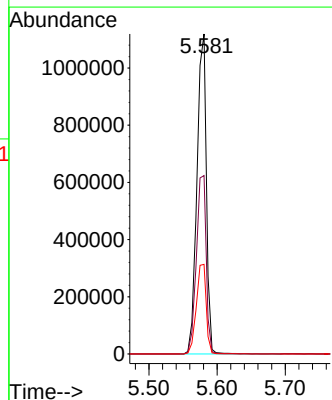
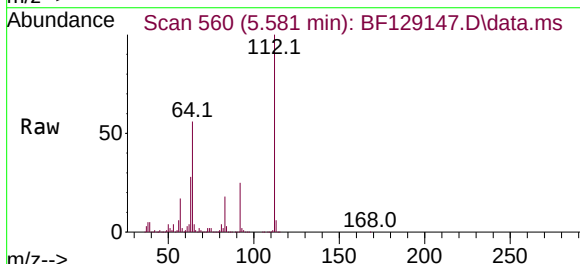
Instrument :
BNA_F
ClientSampleId :
72-11982

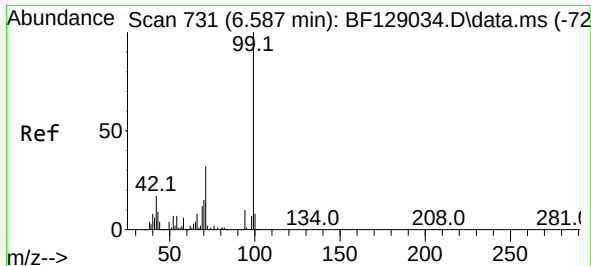
Tgt Ion:152 Resp: 224749
Ion Ratio Lower Upper
152 100
150 157.4 123.7 185.5
115 58.5 49.9 74.9



#5
2-Fluorophenol
Concen: 80.453 ng
RT: 5.581 min Scan# 560
Delta R.T. -0.006 min
Lab File: BF129147.D
Acq: 06 Jul 2022 17:24

Tgt Ion:112 Resp: 1069519
Ion Ratio Lower Upper
112 100
64 55.7 53.3 79.9
63 28.0 28.0 42.0#

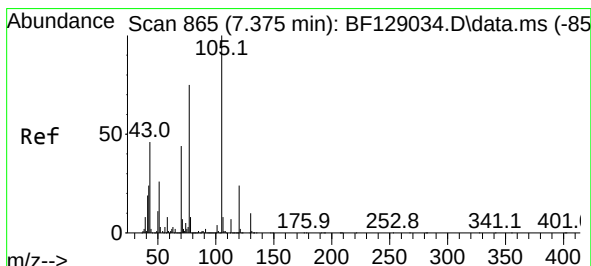
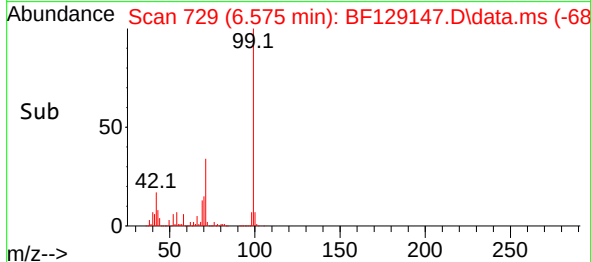
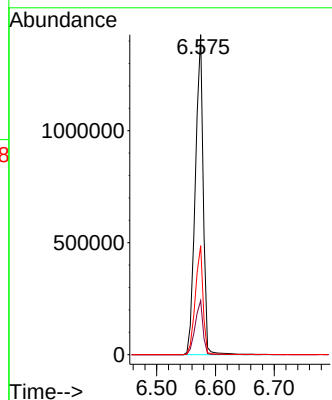
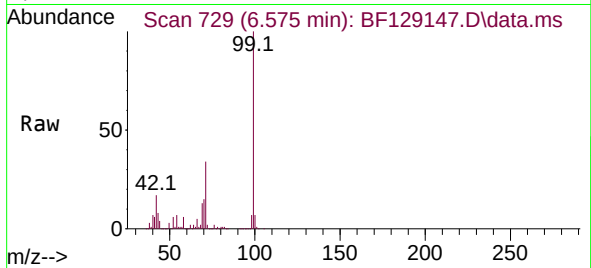




#7
Phenol-d6
Concen: 81.339 ng
RT: 6.575 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF129147.D
Acq: 06 Jul 2022 17:24

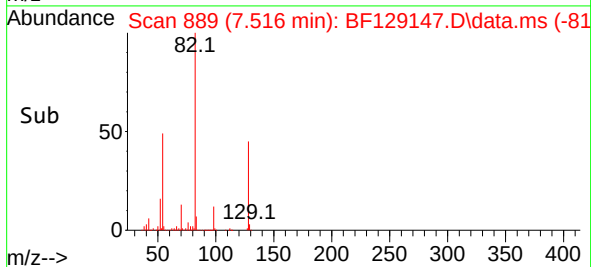
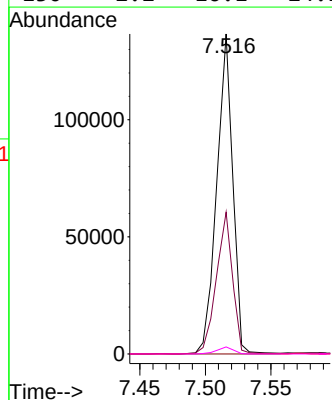
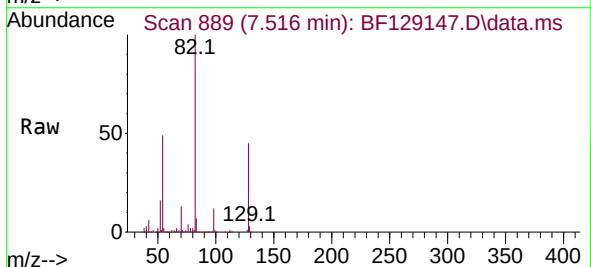
Instrument :
BNA_F
ClientSampleId :
72-11982

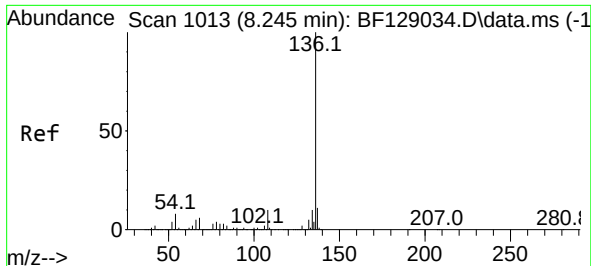
Tgt Ion: 99 Resp: 1342947
Ion Ratio Lower Upper
99 100
42 16.9 17.3 25.9#
71 34.1 28.9 43.3



#19
n-Nitroso-di-n-propylamine
Concen: 12.167 ng
RT: 7.516 min Scan# 889
Delta R.T. 0.141 min
Lab File: BF129147.D
Acq: 06 Jul 2022 17:24

Tgt Ion: 70 Resp: 116207
Ion Ratio Lower Upper
70 100
42 44.3 52.3 78.5#
101 0.0 7.5 11.3#
130 2.2 16.1 24.1#

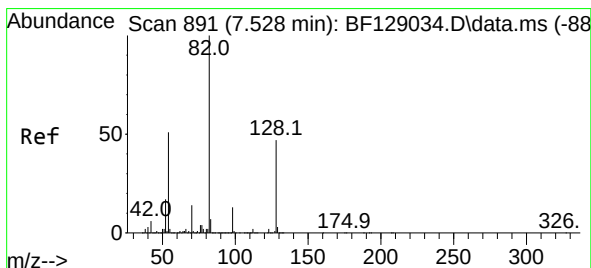
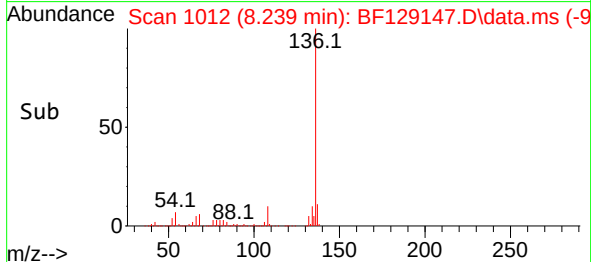
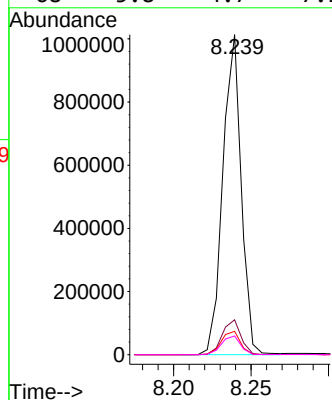
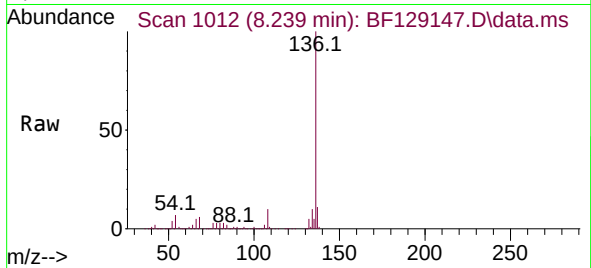




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.239 min Scan# 1012
Delta R.T. -0.006 min
Lab File: BF129147.D
Acq: 06 Jul 2022 17:24

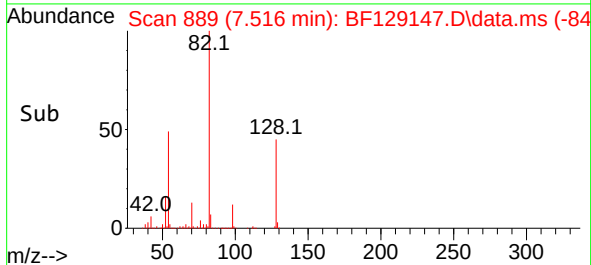
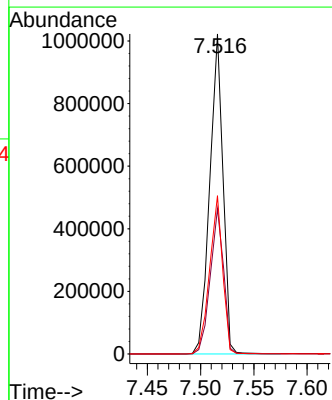
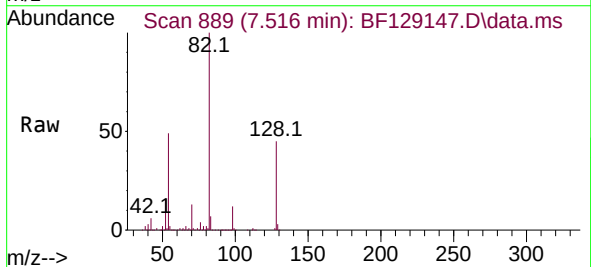
Instrument :
BNA_F
ClientSampleId :
72-11982

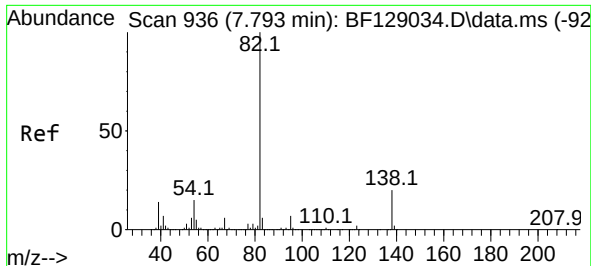
Tgt Ion:136 Resp: 835256
Ion Ratio Lower Upper
136 100
137 10.9 8.8 13.2
54 7.3 7.5 11.3#
68 5.8 4.7 7.1



#23
Nitrobenzene-d5
Concen: 63.205 ng
RT: 7.516 min Scan# 889
Delta R.T. -0.012 min
Lab File: BF129147.D
Acq: 06 Jul 2022 17:24

Tgt Ion: 82 Resp: 885093
Ion Ratio Lower Upper
82 100
128 45.4 34.0 51.0
54 49.4 46.9 70.3

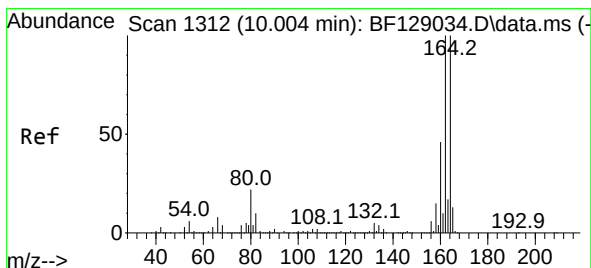
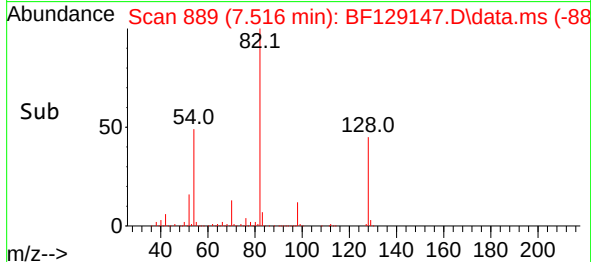
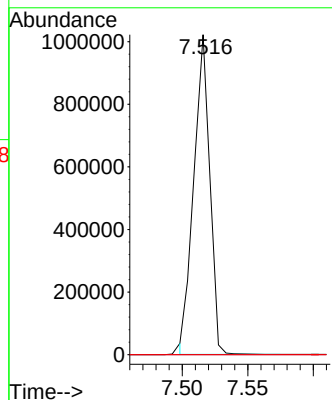
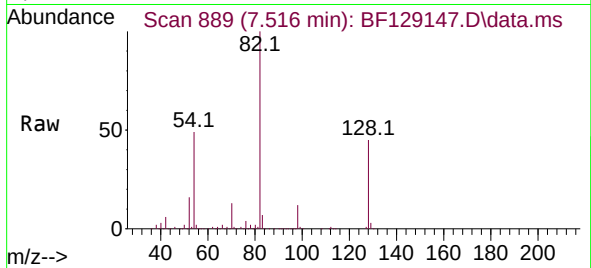




#25
Isophorone
Concen: 36.634 ng
RT: 7.516 min Scan# 81
Delta R.T. -0.277 min
Lab File: BF129147.D
Acq: 06 Jul 2022 17:24

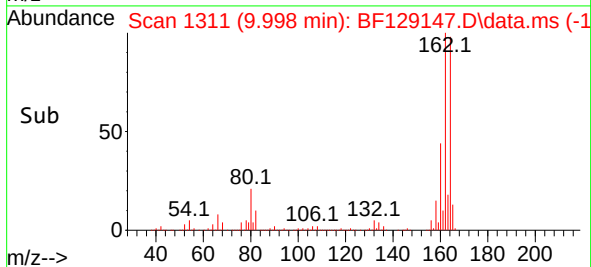
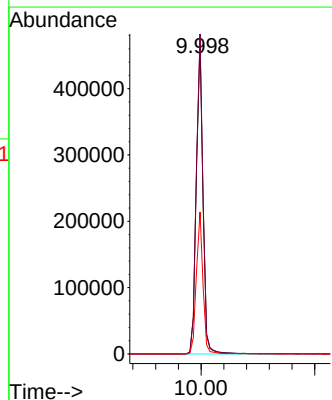
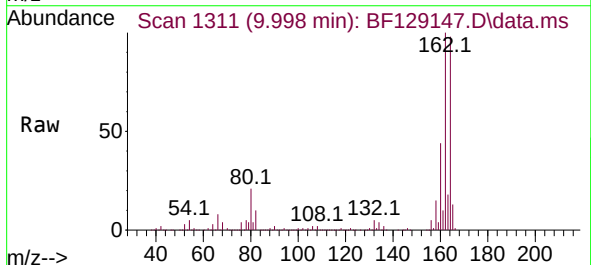
Instrument :
BNA_F
ClientSampleId :
72-11982

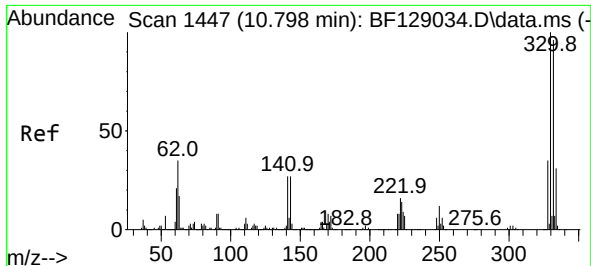
Tgt Ion: 82 Resp: 866987
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 14.2 21.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.998 min Scan# 1311
Delta R.T. -0.006 min
Lab File: BF129147.D
Acq: 06 Jul 2022 17:24

Tgt Ion:164 Resp: 387897
Ion Ratio Lower Upper
164 100
162 102.3 79.5 119.3
160 45.4 34.2 51.4

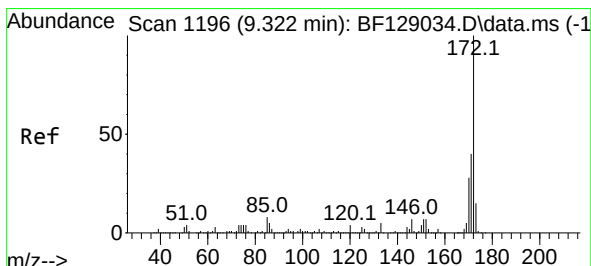
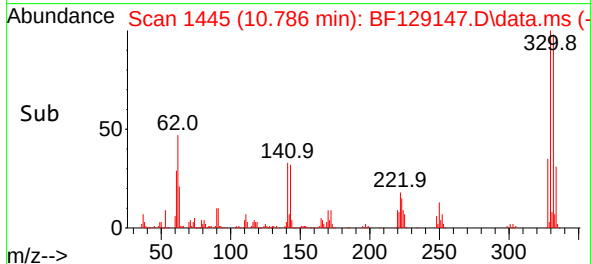
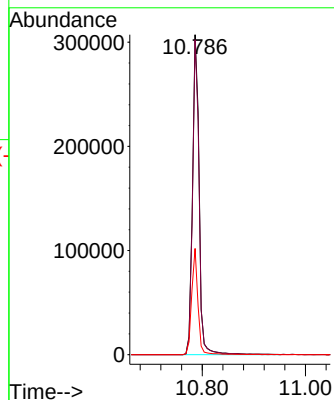
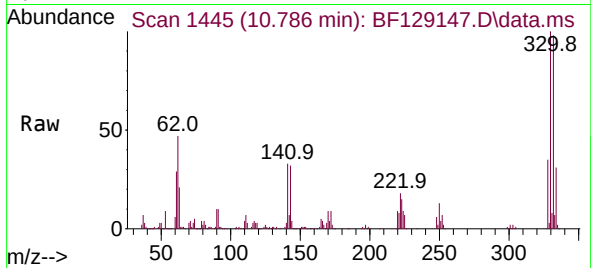




#42
2,4,6-Tribromophenol
Concen: 64.690 ng
RT: 10.786 min Scan# 1445
Delta R.T. -0.012 min
Lab File: BF129147.D
Acq: 06 Jul 2022 17:24

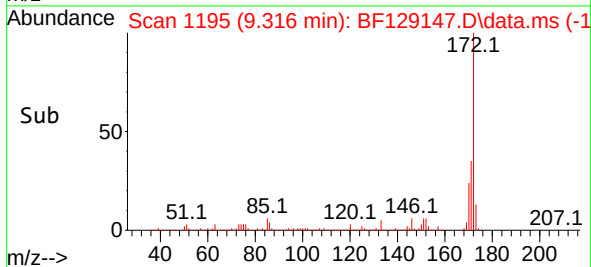
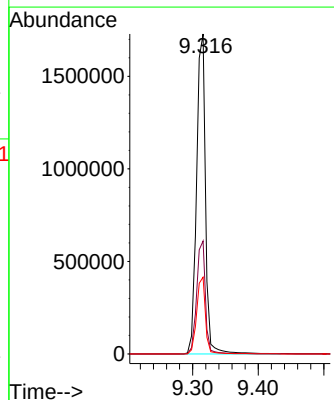
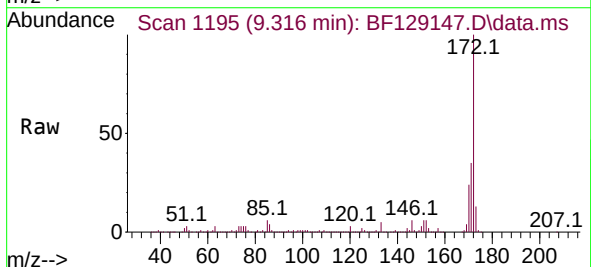
Instrument :
BNA_F
ClientSampleId :
72-11982

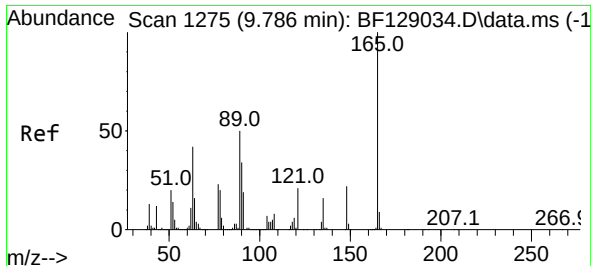
Tgt Ion:330 Resp: 272850
Ion Ratio Lower Upper
330 100
332 96.8 76.8 115.2
141 31.5 28.0 42.0



#45
2-Fluorobiphenyl
Concen: 67.850 ng
RT: 9.316 min Scan# 1195
Delta R.T. -0.006 min
Lab File: BF129147.D
Acq: 06 Jul 2022 17:24

Tgt Ion:172 Resp: 1645147
Ion Ratio Lower Upper
172 100
171 35.3 28.8 43.2
170 24.0 19.8 29.8





#51

2,6-Dinitrotoluene

Concen: 10.139 ng

RT: 9.998 min Scan# 1311

Delta R.T. 0.212 min

Lab File: BF129147.D

Acq: 06 Jul 2022 17:24

Instrument :

BNA_F

ClientSampleId :

72-11982

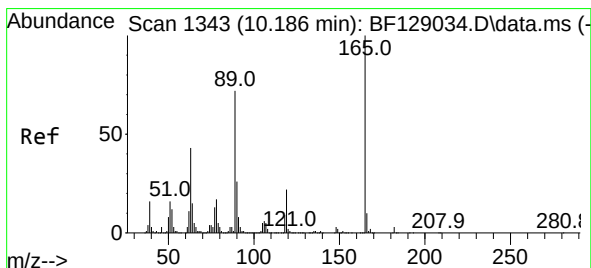
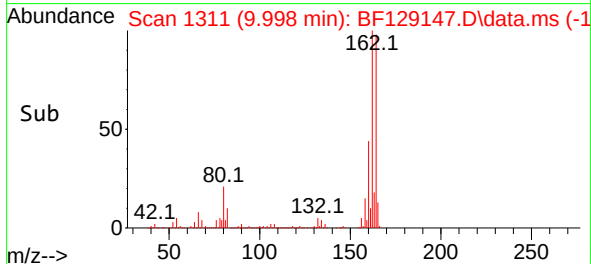
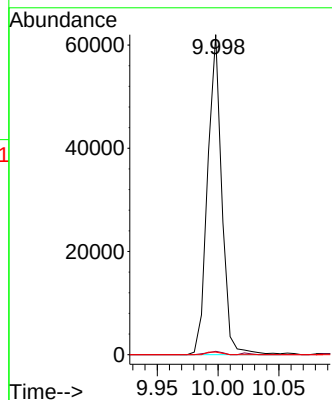
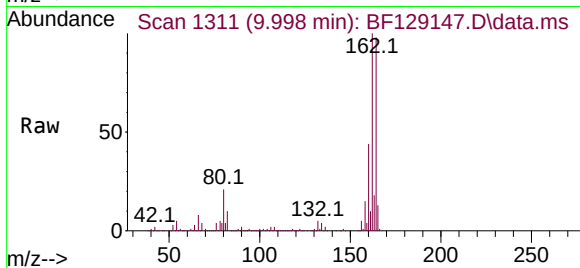
Tgt Ion:165 Resp: 50276

Ion Ratio Lower Upper

165 100

63 1.0 44.9 67.3#

89 0.8 43.6 65.4#



#57

2,4-Dinitrotoluene

Concen: 8.244 ng

RT: 9.998 min Scan# 1311

Delta R.T. -0.188 min

Lab File: BF129147.D

Acq: 06 Jul 2022 17:24

Tgt Ion:165 Resp: 50467

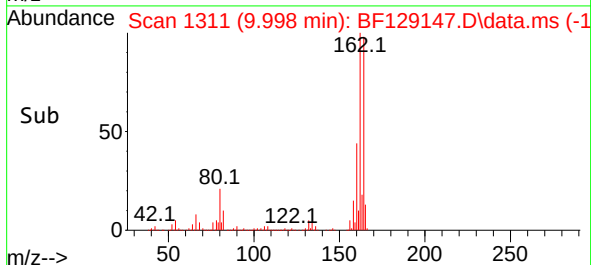
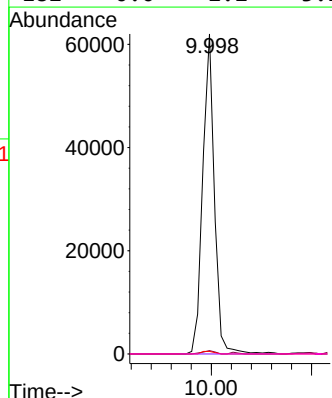
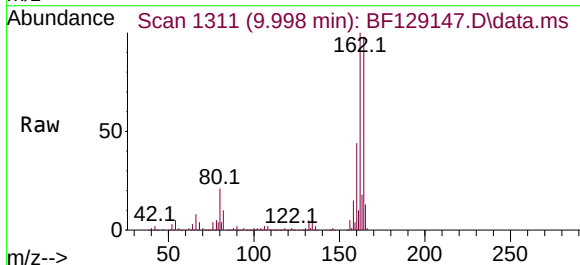
Ion Ratio Lower Upper

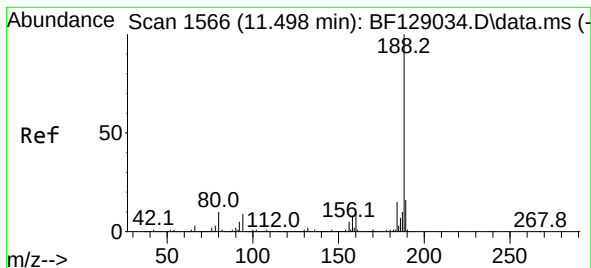
165 100

63 1.0 39.8 59.6#

89 0.8 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: BF129147.D

Acq: 06 Jul 2022 17:24

Instrument :

BNA_F

ClientSampleId :

72-11982

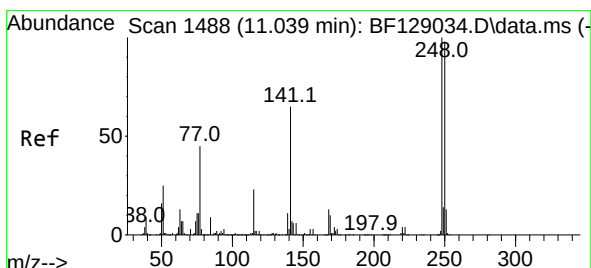
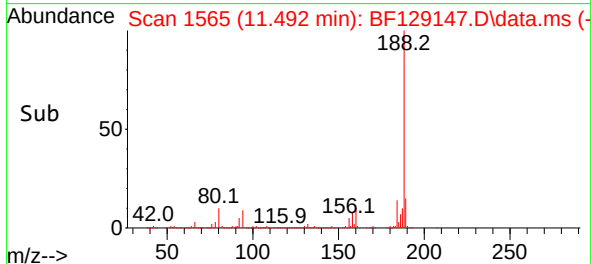
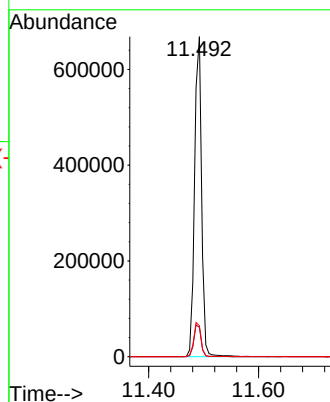
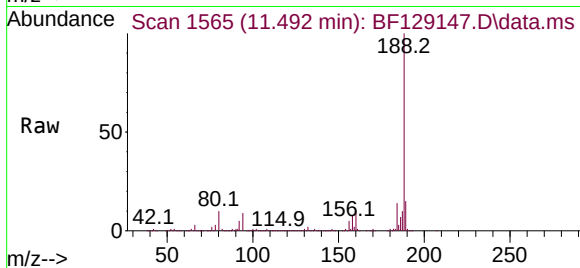
Tgt Ion:188 Resp: 587420

Ion Ratio Lower Upper

188 100

94 9.1 7.0 10.6

80 9.7 7.6 11.4



#67

4-Bromophenyl-phenylether

Concen: 2.525 ng

RT: 10.786 min Scan# 1445

Delta R.T. -0.253 min

Lab File: BF129147.D

Acq: 06 Jul 2022 17:24

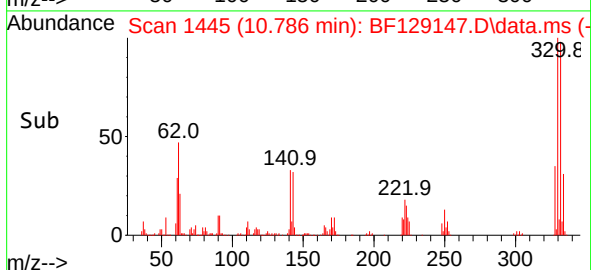
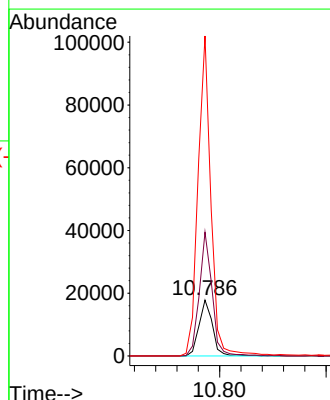
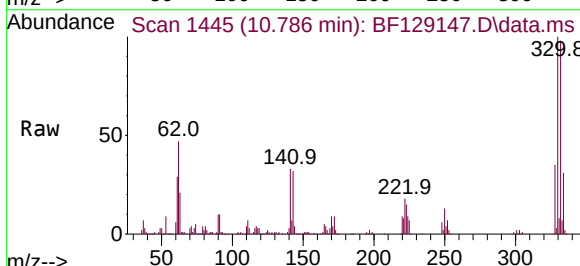
Tgt Ion:248 Resp: 15776

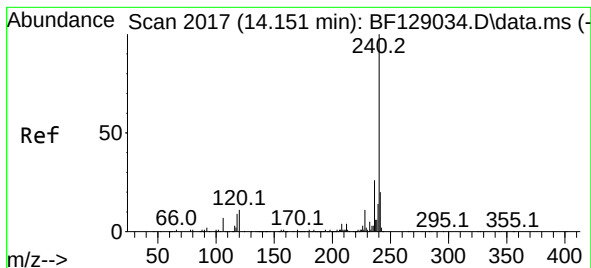
Ion Ratio Lower Upper

248 100

250 221.8 80.6 120.8#

141 573.1 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: BF129147.D

Acq: 06 Jul 2022 17:24

Instrument :

BNA_F

ClientSampleId :

72-11982

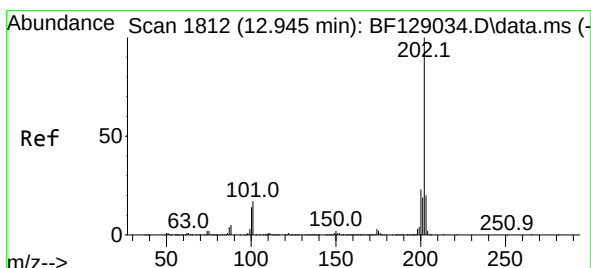
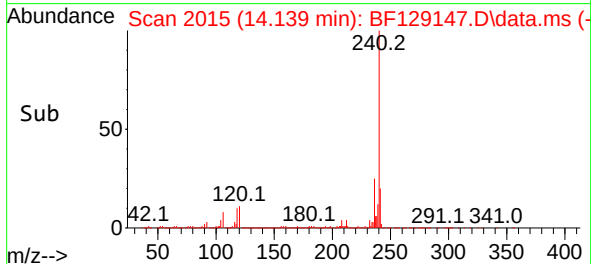
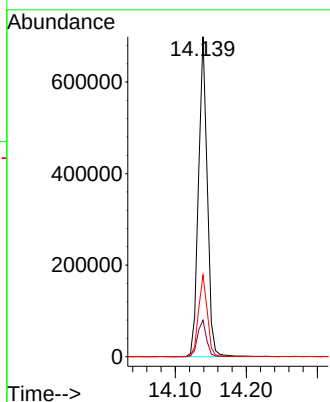
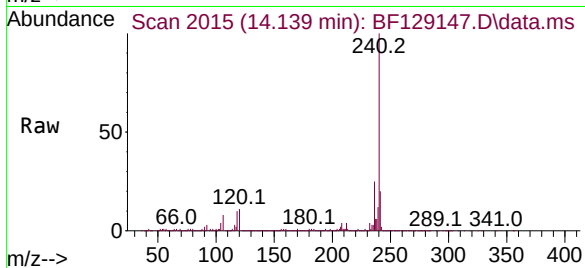
Tgt Ion:240 Resp: 602652

Ion Ratio Lower Upper

240 100

120 11.4 8.9 13.3

236 25.5 20.8 31.2



#78

Pyrene

Concen: 2.701 ng

RT: 12.933 min Scan# 1810

Delta R.T. -0.012 min

Lab File: BF129147.D

Acq: 06 Jul 2022 17:24

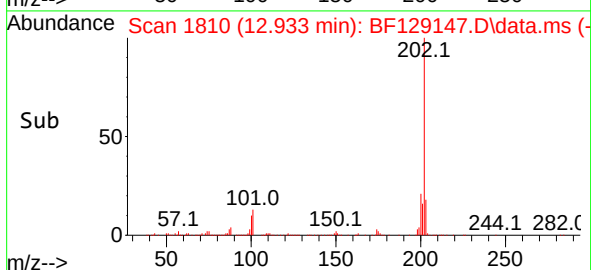
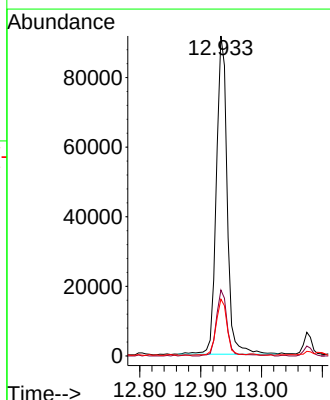
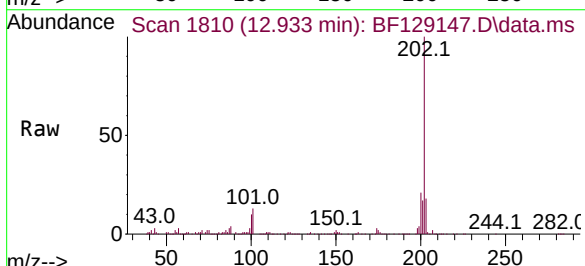
Tgt Ion:202 Resp: 112822

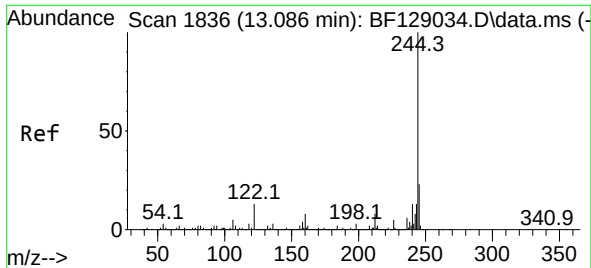
Ion Ratio Lower Upper

202 100

200 20.6 17.7 26.5

203 17.7 14.6 21.8

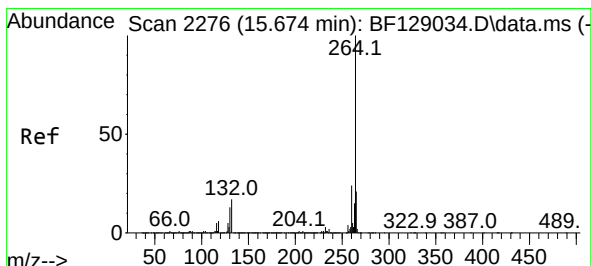
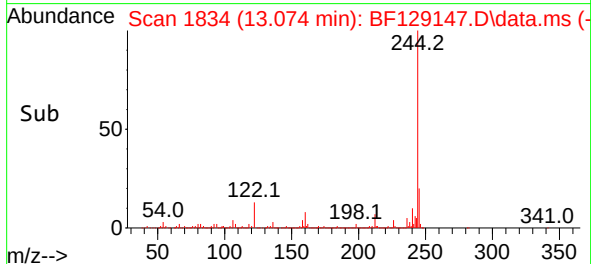
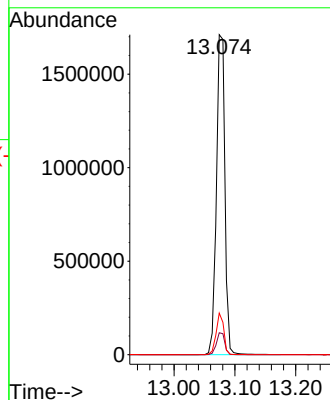
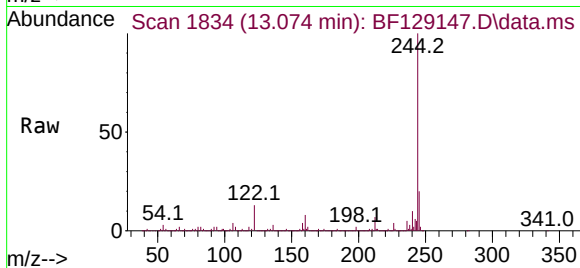




#79
 Terphenyl-d14
 Concen: 56.939 ng
 RT: 13.074 min Scan# 1836
 Delta R.T. -0.012 min
 Lab File: BF129147.D
 Acq: 06 Jul 2022 17:24

Instrument :
 BNA_F
 ClientSampleId :
 72-11982

Tgt Ion:244 Resp: 1652401
 Ion Ratio Lower Upper
 244 100
 212 6.9 6.1 9.1
 122 13.0 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: BF129147.D
 Acq: 06 Jul 2022 17:24

Tgt Ion:264 Resp: 714753
 Ion Ratio Lower Upper
 264 100
 260 24.3 18.4 27.6
 265 21.7 17.2 25.8

