

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070522\
 Data File : BF129116.D
 Acq On : 05 Jul 2022 11:03
 Operator : CG\JU
 Sample : PB145999BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB145999BL

Quant Time: Jul 05 16:35:56 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)

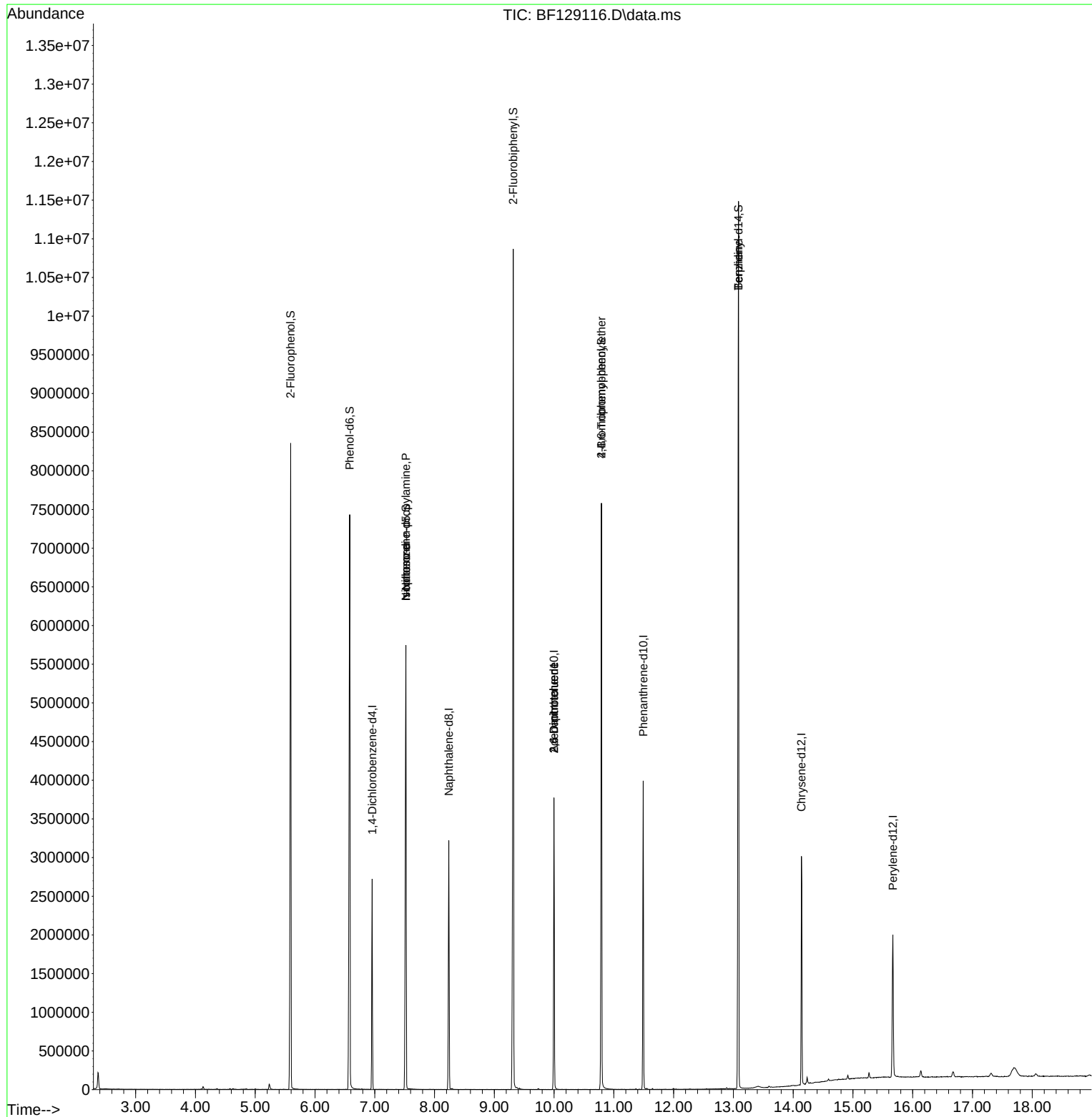
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.957	152	368444	20.000	ng	0.00
21) Naphthalene-d8	8.239	136	1431066	20.000	ng	0.00
39) Acenaphthene-d10	9.998	164	743578	20.000	ng	0.00
64) Phenanthrene-d10	11.492	188	1361692	20.000	ng	0.00
76) Chrysene-d12	14.139	240	1022664	20.000	ng	#-0.01
86) Perylene-d12	15.668	264	839664	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.592	112	2544605	116.761	ng	0.00
7) Phenol-d6	6.581	99	3141290	116.058	ng	0.00
23) Nitrobenzene-d5	7.522	82	2011919	83.856	ng	0.00
42) 2,4,6-Tribromophenol	10.792	330	992622	122.769	ng	0.00
45) 2-Fluorobiphenyl	9.316	172	3656198	78.662	ng	0.00
79) Terphenyl-d14	13.086	244	4127846	83.820	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.516	77	356	Below Cal	#	79
19) n-Nitroso-di-n-propyla...	7.522	70	265061	16.929	ng	# 70
25) Isophorone	7.522	82	1963597	48.426	ng	# 65
51) 2,6-Dinitrotoluene	9.998	165	98805	10.394	ng	# 25
57) 2,4-Dinitrotoluene	9.998	165	98874	8.425	ng	# 21
67) 4-Bromophenyl-phenylether	10.792	248	59442	4.104	ng	# 1
77) Benizidine	13.086	184	57932	3.181	ng	# 93

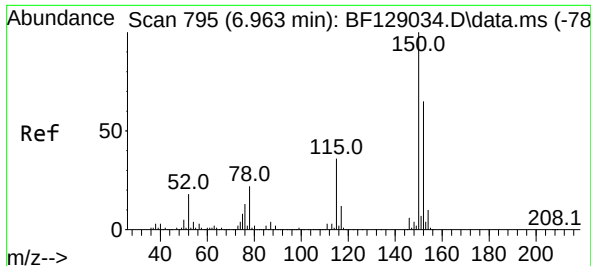
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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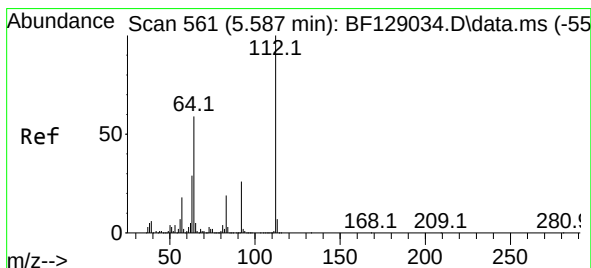
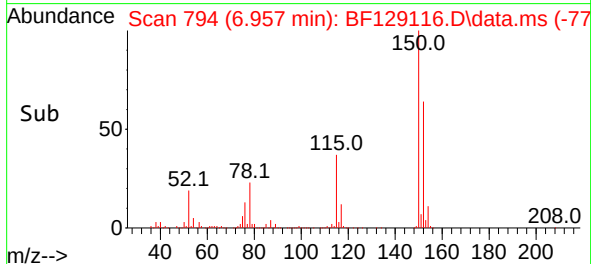
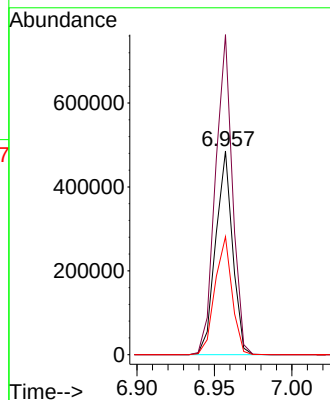
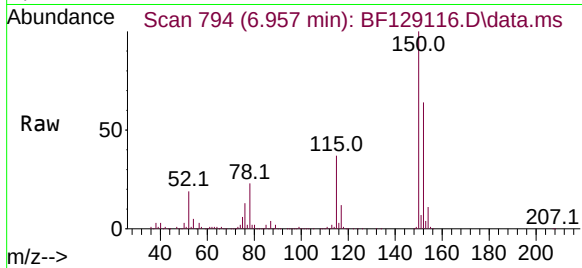




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.957 min Scan# 795
Delta R.T. -0.006 min
Lab File: BF129116.D
Acq: 05 Jul 2022 11:03

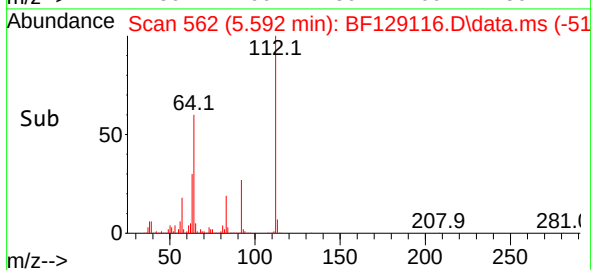
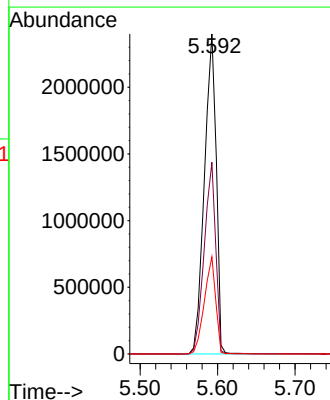
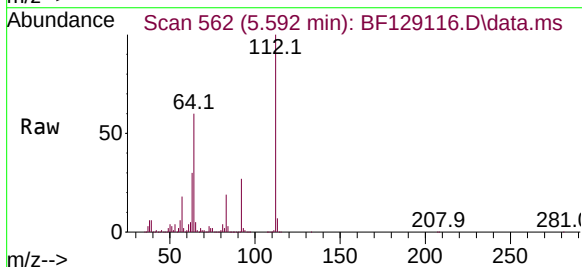
Instrument :
BNA_F
ClientSampleId :
PB145999BL

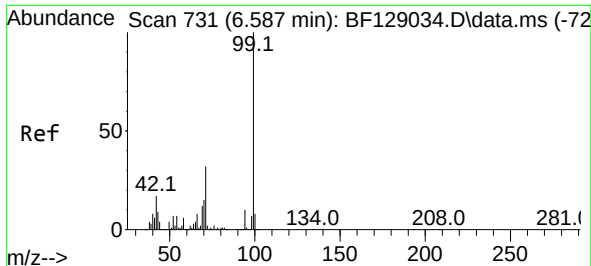
Tgt Ion:152 Resp: 368444
Ion Ratio Lower Upper
152 100
150 157.1 123.7 185.5
115 57.9 49.9 74.9



#5
2-Fluorophenol
Concen: 116.761 ng
RT: 5.592 min Scan# 562
Delta R.T. 0.006 min
Lab File: BF129116.D
Acq: 05 Jul 2022 11:03

Tgt Ion:112 Resp: 2544605
Ion Ratio Lower Upper
112 100
64 59.9 53.3 79.9
63 30.3 28.0 42.0

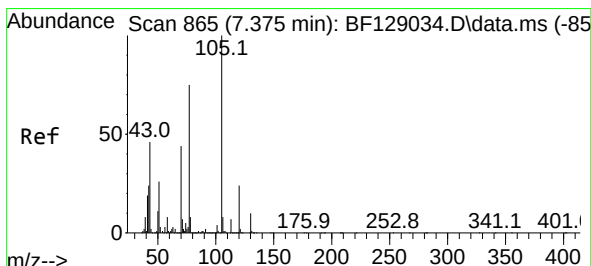
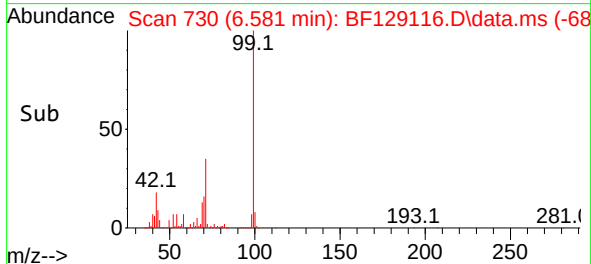
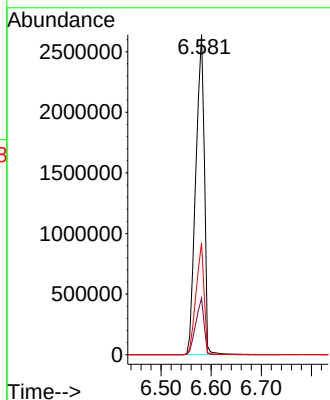
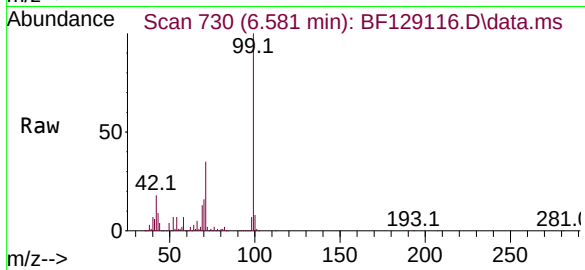




#7
Phenol-d6
Concen: 116.058 ng
RT: 6.581 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF129116.D
Acq: 05 Jul 2022 11:03

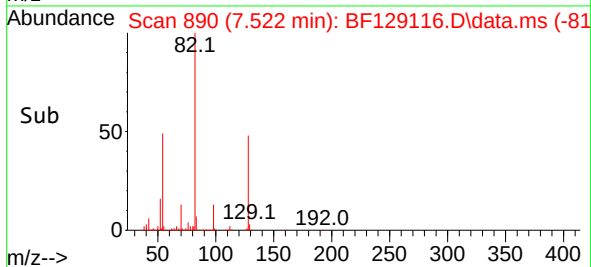
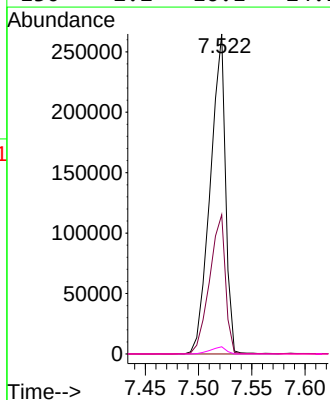
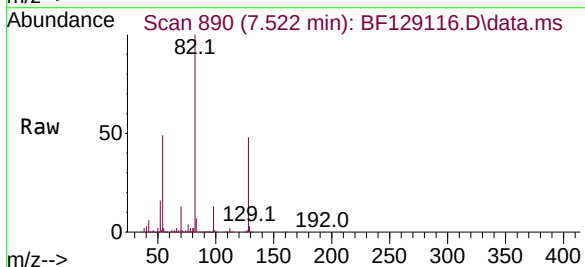
Instrument :
BNA_F
ClientSampleId :
PB145999BL

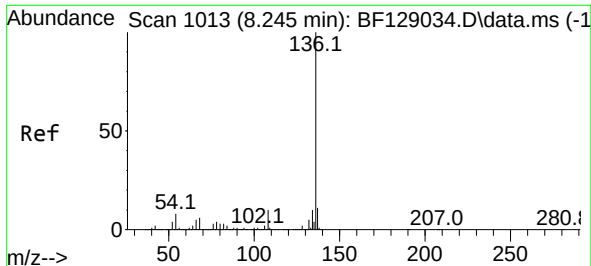
Tgt Ion: 99 Resp: 3141290
Ion Ratio Lower Upper
99 100
42 17.7 17.3 25.9
71 34.9 28.9 43.3



#19
n-Nitroso-di-n-propylamine
Concen: 16.929 ng
RT: 7.522 min Scan# 890
Delta R.T. 0.147 min
Lab File: BF129116.D
Acq: 05 Jul 2022 11:03

Tgt Ion: 70 Resp: 265061
Ion Ratio Lower Upper
70 100
42 43.5 52.3 78.5#
101 0.0 7.5 11.3#
130 2.2 16.1 24.1#

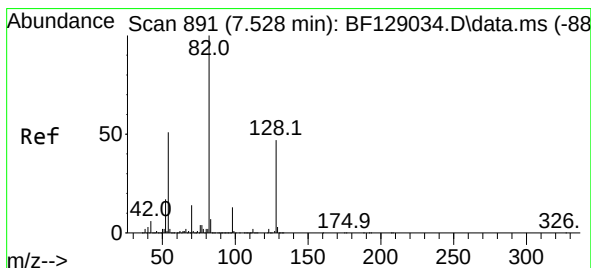
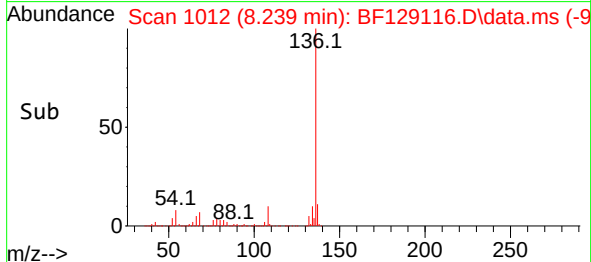
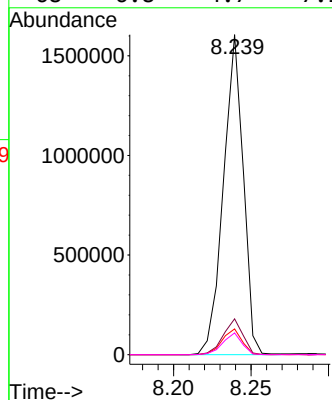
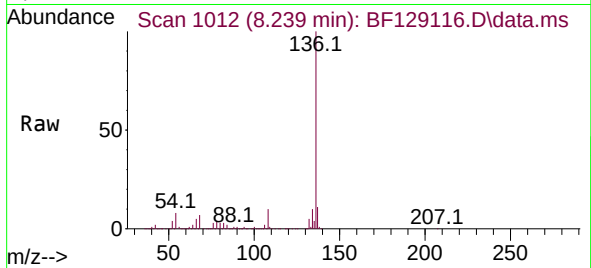




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.239 min Scan# 1013
Delta R.T. -0.006 min
Lab File: BF129116.D
Acq: 05 Jul 2022 11:03

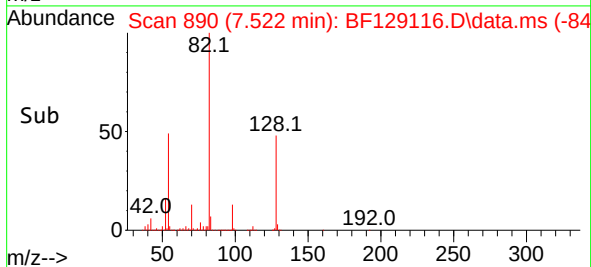
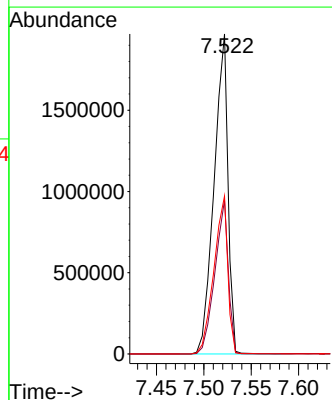
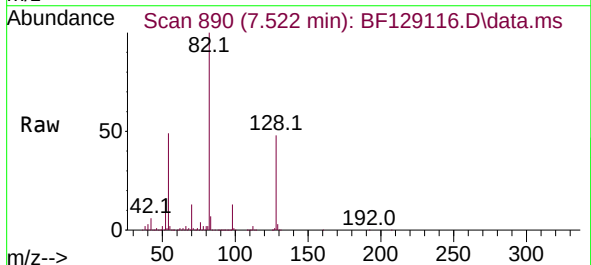
Instrument :
BNA_F
ClientSampleId :
PB145999BL

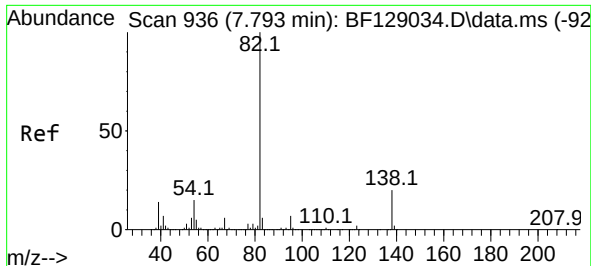
Tgt Ion:136 Resp: 1431066
Ion Ratio Lower Upper
136 100
137 11.2 8.8 13.2
54 8.1 7.5 11.3
68 6.8 4.7 7.1



#23
Nitrobenzene-d5
Concen: 83.856 ng
RT: 7.522 min Scan# 890
Delta R.T. -0.006 min
Lab File: BF129116.D
Acq: 05 Jul 2022 11:03

Tgt Ion: 82 Resp: 2011919
Ion Ratio Lower Upper
82 100
128 48.1 34.0 51.0
54 49.3 46.9 70.3

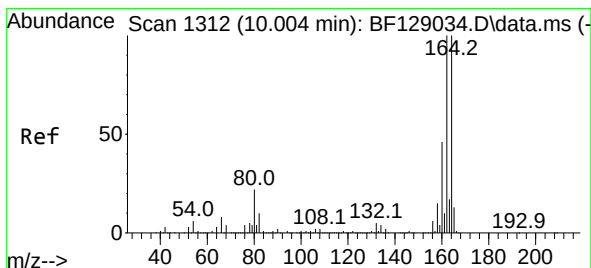
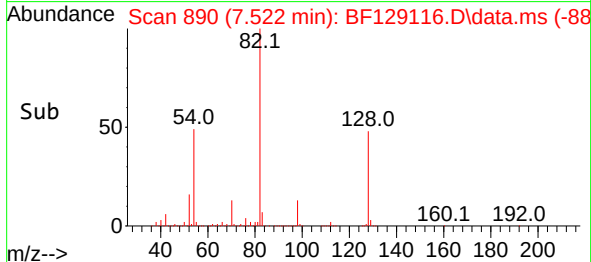
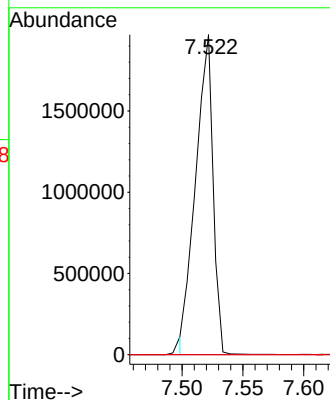
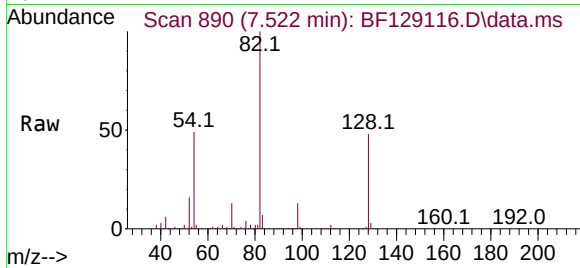




#25
Isophorone
Concen: 48.426 ng
RT: 7.522 min Scan# 89
Delta R.T. -0.271 min
Lab File: BF129116.D
Acq: 05 Jul 2022 11:03

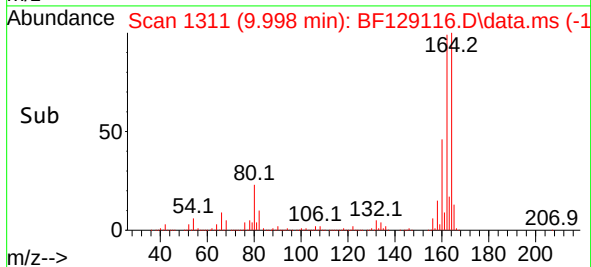
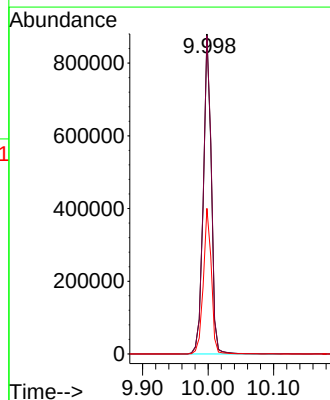
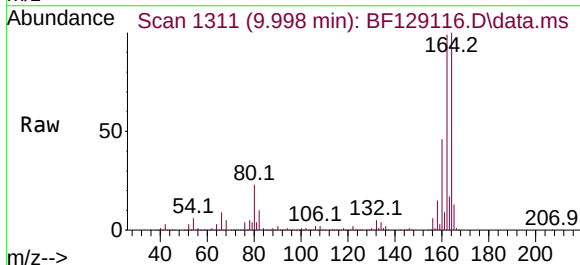
Instrument :
BNA_F
ClientSampleId :
PB145999BL

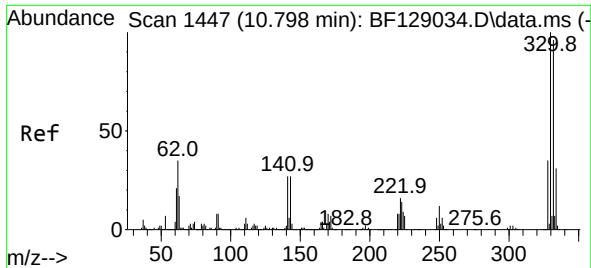
Tgt Ion: 82 Resp: 1963597
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 14.2 21.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.998 min Scan# 1311
Delta R.T. -0.006 min
Lab File: BF129116.D
Acq: 05 Jul 2022 11:03

Tgt Ion:164 Resp: 743578
Ion Ratio Lower Upper
164 100
162 99.5 79.5 119.3
160 45.5 34.2 51.4

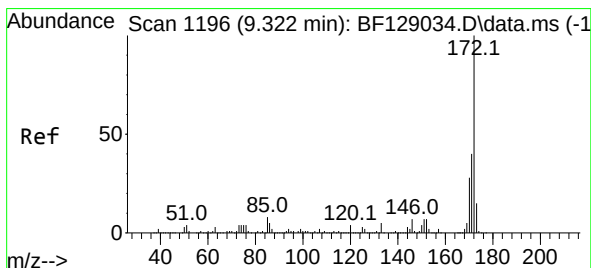
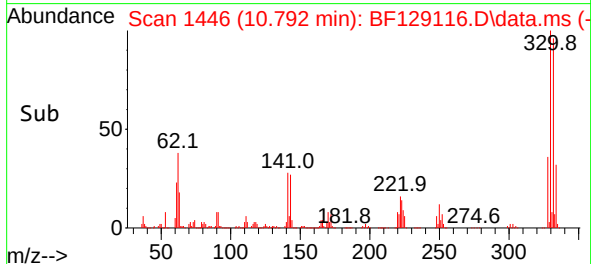
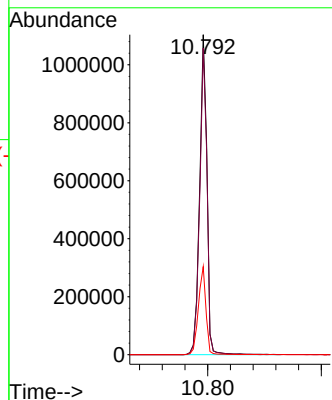
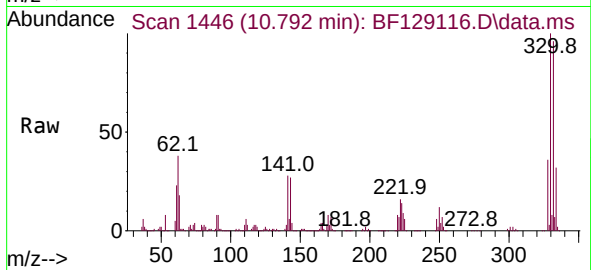




#42
2,4,6-Tribromophenol
Concen: 122.769 ng
RT: 10.792 min Scan# 1446
Delta R.T. -0.006 min
Lab File: BF129116.D
Acq: 05 Jul 2022 11:03

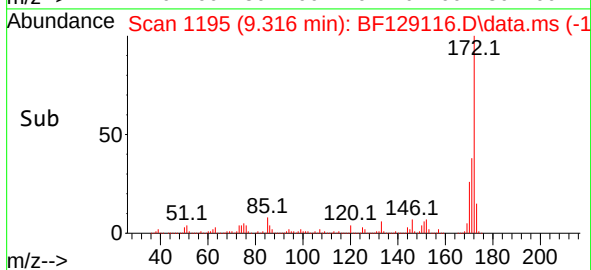
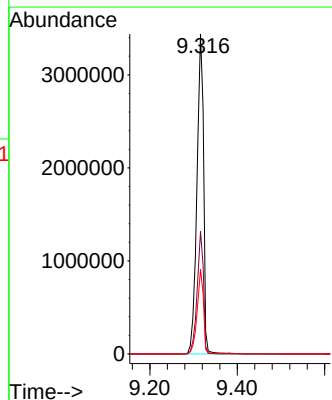
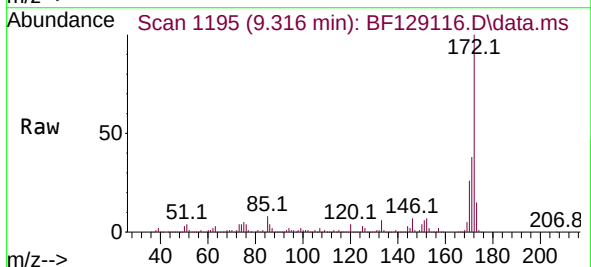
Instrument :
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ClientSampleId :
PB145999BL

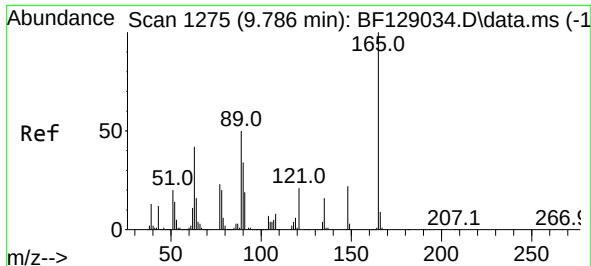
Tgt Ion:330 Resp: 992622
Ion Ratio Lower Upper
330 100
332 96.0 76.8 115.2
141 28.7 28.0 42.0



#45
2-Fluorobiphenyl
Concen: 78.662 ng
RT: 9.316 min Scan# 1195
Delta R.T. -0.006 min
Lab File: BF129116.D
Acq: 05 Jul 2022 11:03

Tgt Ion:172 Resp: 3656198
Ion Ratio Lower Upper
172 100
171 38.3 28.8 43.2
170 26.4 19.8 29.8





#51

2,6-Dinitrotoluene

Concen: 10.394 ng

RT: 9.998 min Scan# 1311

Delta R.T. 0.212 min

Lab File: BF129116.D

Acq: 05 Jul 2022 11:03

Instrument :

BNA_F

ClientSampleId :

PB145999BL

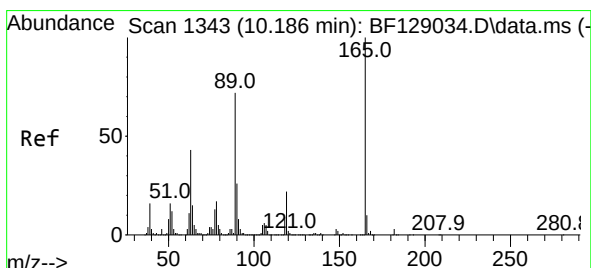
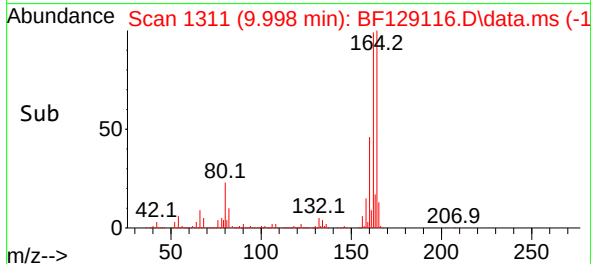
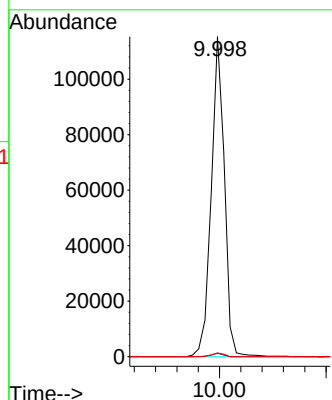
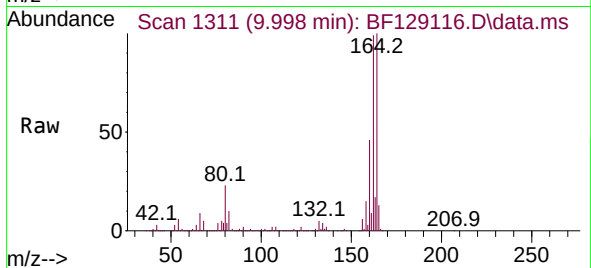
Tgt Ion:165 Resp: 98805

Ion Ratio Lower Upper

165 100

63 1.1 44.9 67.3#

89 1.1 43.6 65.4#



#57

2,4-Dinitrotoluene

Concen: 8.425 ng

RT: 9.998 min Scan# 1311

Delta R.T. -0.188 min

Lab File: BF129116.D

Acq: 05 Jul 2022 11:03

Tgt Ion:165 Resp: 98874

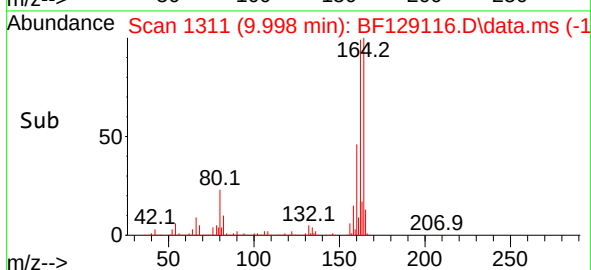
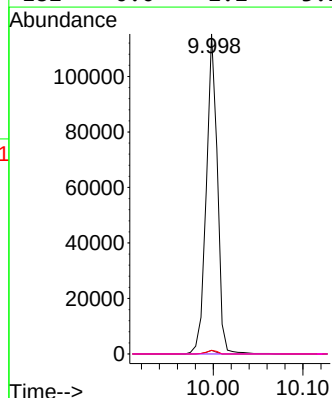
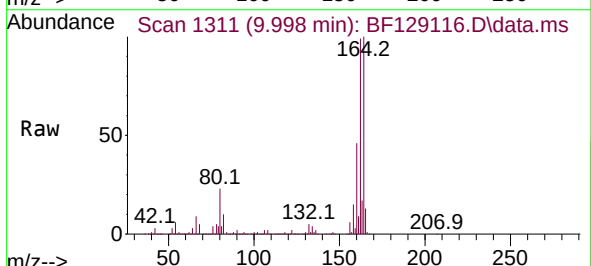
Ion Ratio Lower Upper

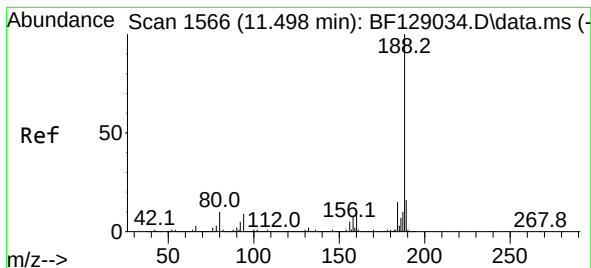
165 100

63 1.1 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# 1

Delta R.T. -0.006 min

Lab File: BF129116.D

Acq: 05 Jul 2022 11:03

Instrument :

BNA_F

ClientSampleId :

PB145999BL

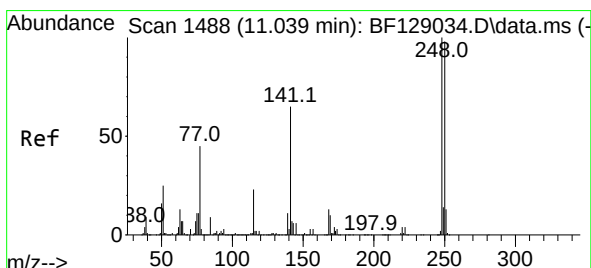
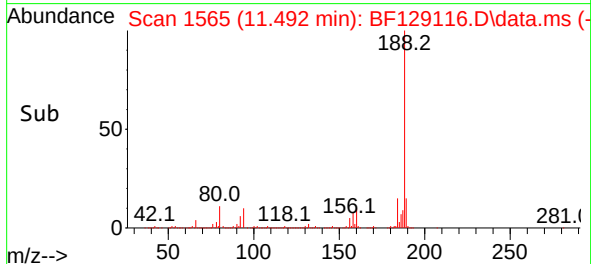
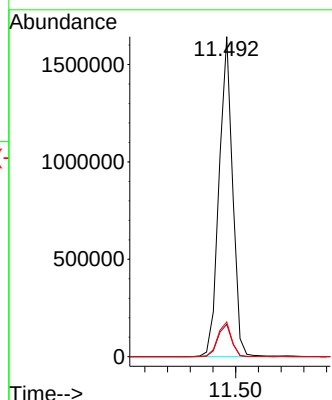
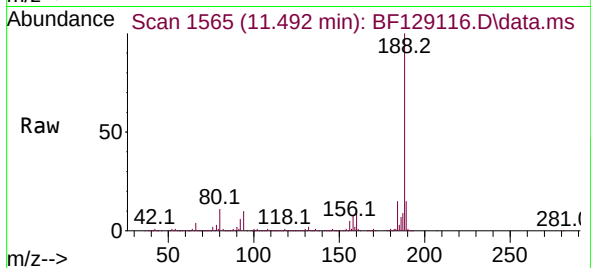
Tgt Ion:188 Resp: 1361692

Ion Ratio Lower Upper

188 100

94 10.1 7.0 10.6

80 10.8 7.6 11.4



#67

4-Bromophenyl-phenylether

Concen: 4.104 ng

RT: 10.792 min Scan# 1446

Delta R.T. -0.247 min

Lab File: BF129116.D

Acq: 05 Jul 2022 11:03

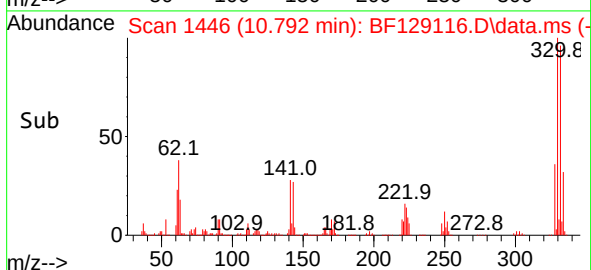
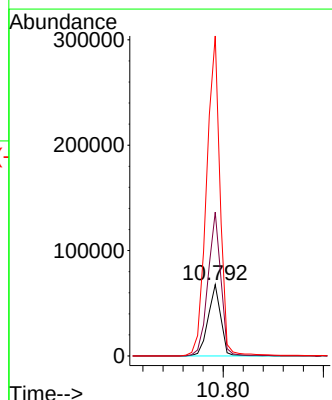
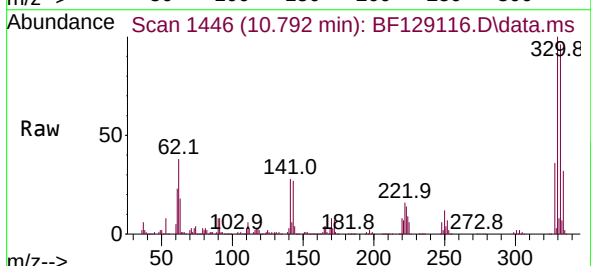
Tgt Ion:248 Resp: 59442

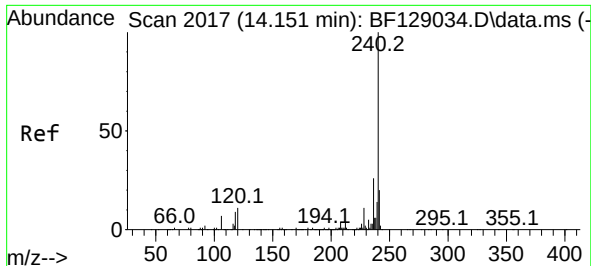
Ion Ratio Lower Upper

248 100

250 201.6 80.6 120.8#

141 448.3 58.9 88.3#

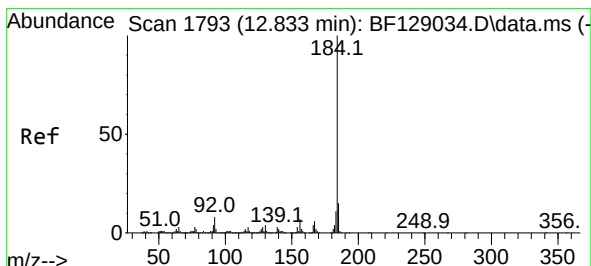
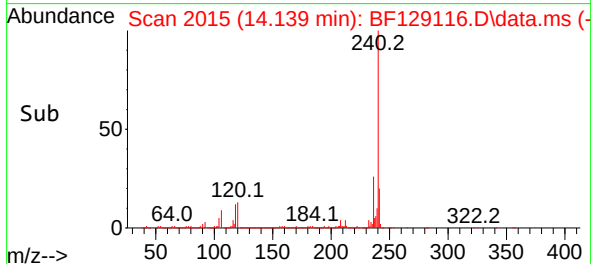
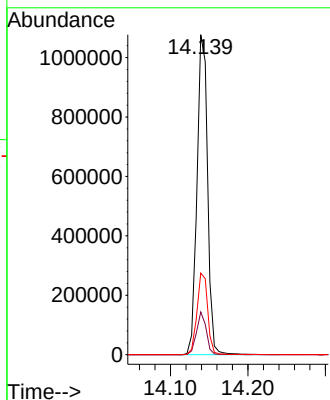
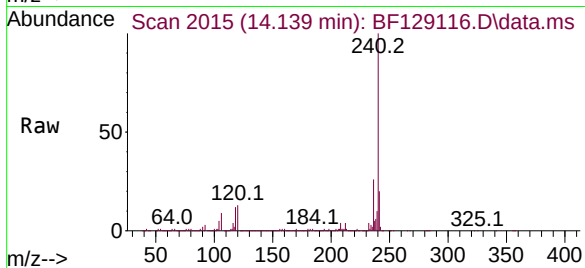




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.139 min Scan# 20
Delta R.T. -0.012 min
Lab File: BF129116.D
Acq: 05 Jul 2022 11:03

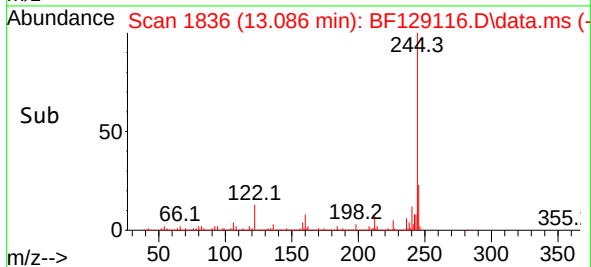
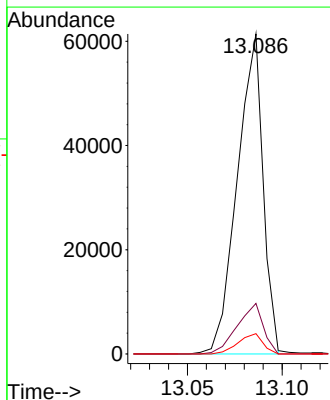
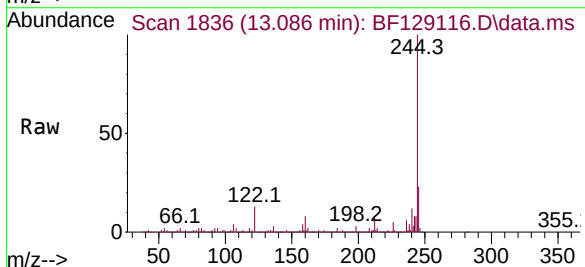
Instrument :
BNA_F
ClientSampleId :
PB145999BL

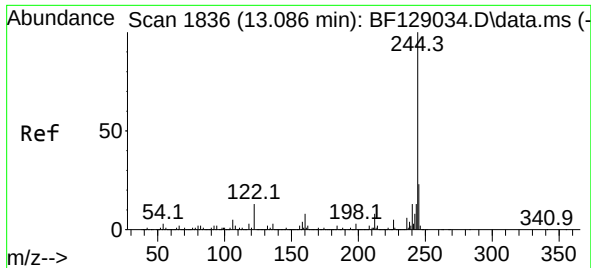
Tgt Ion:240 Resp: 1022664
Ion Ratio Lower Upper
240 100
120 13.4 8.9 13.3#
236 25.5 20.8 31.2



#77
Benzidine
Concen: 3.181 ng
RT: 13.086 min Scan# 1836
Delta R.T. 0.253 min
Lab File: BF129116.D
Acq: 05 Jul 2022 11:03

Tgt Ion:184 Resp: 57932
Ion Ratio Lower Upper
184 100
185 15.8 11.9 17.9
183 6.3 9.3 13.9#

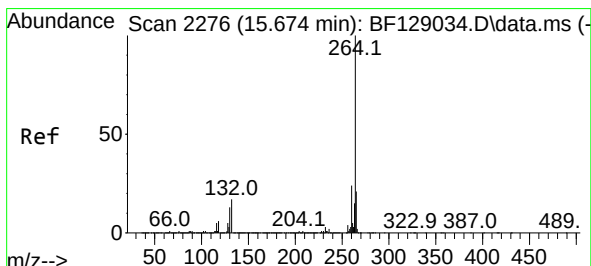
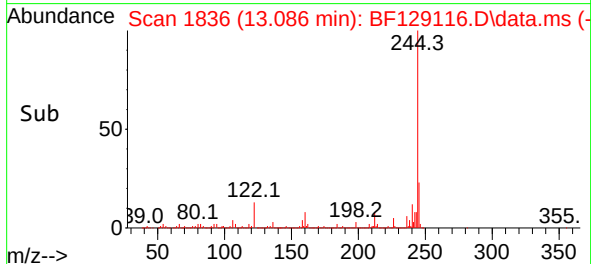
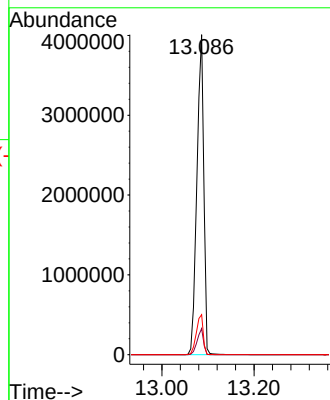
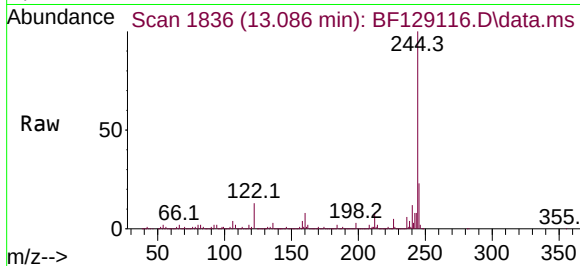




#79
 Terphenyl-d14
 Concen: 83.820 ng
 RT: 13.086 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: BF129116.D
 Acq: 05 Jul 2022 11:03

Instrument :
 BNA_F
 ClientSampleId :
 PB145999BL

Tgt Ion:244 Resp: 4127846
 Ion Ratio Lower Upper
 244 100
 212 8.1 6.1 9.1
 122 12.5 8.8 13.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.668 min Scan# 2275
 Delta R.T. -0.006 min
 Lab File: BF129116.D
 Acq: 05 Jul 2022 11:03

Tgt Ion:264 Resp: 839664
 Ion Ratio Lower Upper
 264 100
 260 23.8 18.4 27.6
 265 21.8 17.2 25.8

