

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070522\
 Data File : BF129127.D
 Acq On : 05 Jul 2022 16:56
 Operator : CG\JU
 Sample : N3564-07
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-14B-11-2

Quant Time: Jul 05 17:16:28 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)

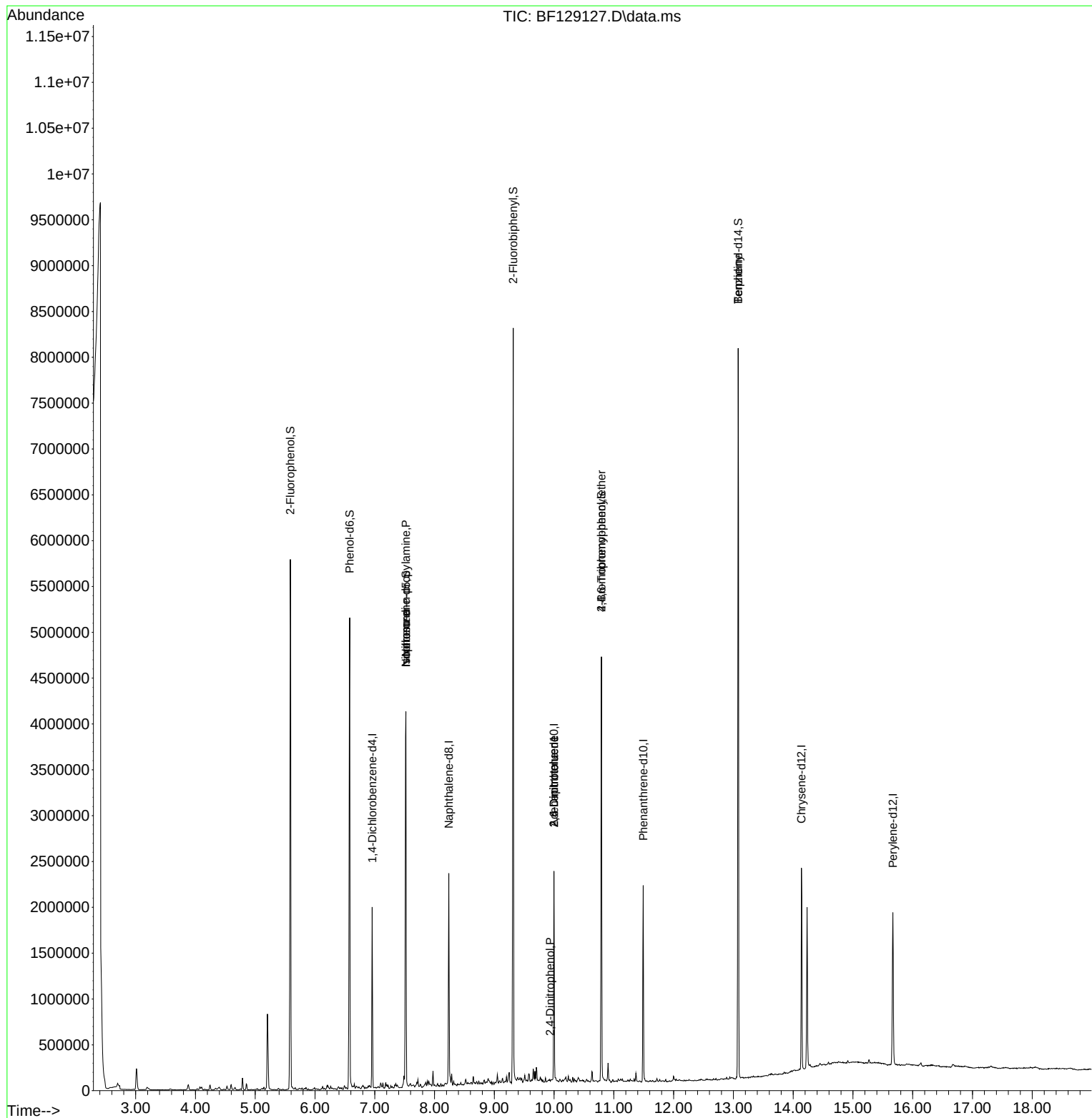
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.957	152	258124	20.000	ng	0.00
21) Naphthalene-d8	8.239	136	920897	20.000	ng	0.00
39) Acenaphthene-d10	9.998	164	430484	20.000	ng	0.00
64) Phenanthrene-d10	11.492	188	729555	20.000	ng	0.00
76) Chrysene-d12	14.139	240	756507	20.000	ng	#-0.01
86) Perylene-d12	15.668	264	747864	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.587	112	1702229	111.491	ng	0.00
7) Phenol-d6	6.581	99	1874640	98.862	ng	0.00
23) Nitrobenzene-d5	7.522	82	1360582	88.125	ng	0.00
42) 2,4,6-Tribromophenol	10.792	330	573554	122.531	ng	0.00
45) 2-Fluorobiphenyl	9.316	172	2473915	91.937	ng	0.00
79) Terphenyl-d14	13.080	244	2778078	76.259	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.510	77	436	Below Cal	#	52
19) n-Nitroso-di-n-propyla...	7.522	70	177884	16.217	ng	# 70
25) Isophorone	7.522	82	1346489	51.604	ng	# 65
51) 2,6-Dinitrotoluene	9.998	165	57825	10.508	ng	# 25
54) 2,4-Dinitrophenol	9.933	184	289	6.955	ng	# 92
57) 2,4-Dinitrotoluene	9.998	165	57897	8.522	ng	# 21
67) 4-Bromophenyl-phenylether	10.792	248	34290	4.419	ng	# 1
77) Benzidine	13.080	184	37216	2.763	ng	# 91

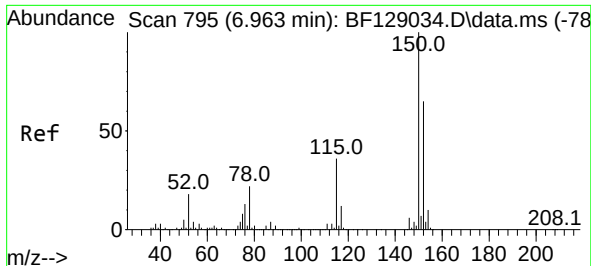
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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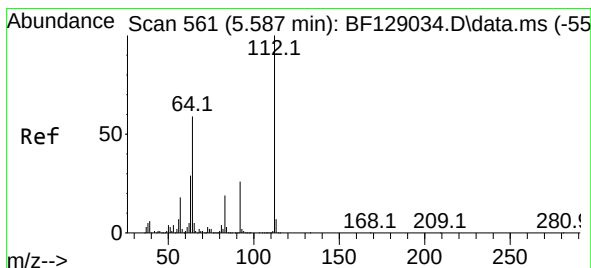
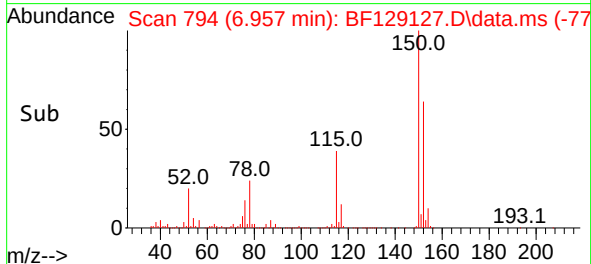
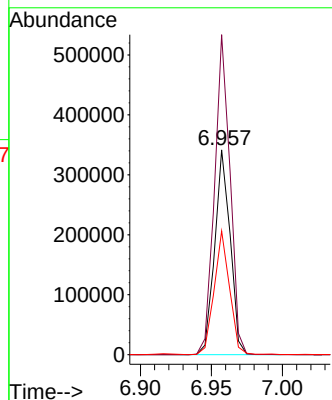
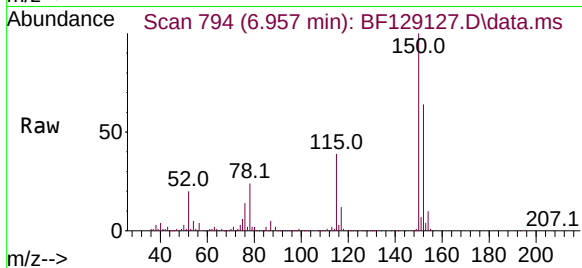




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.957 min Scan# 795
 Delta R.T. -0.006 min
 Lab File: BF129127.D
 Acq: 05 Jul 2022 16:56

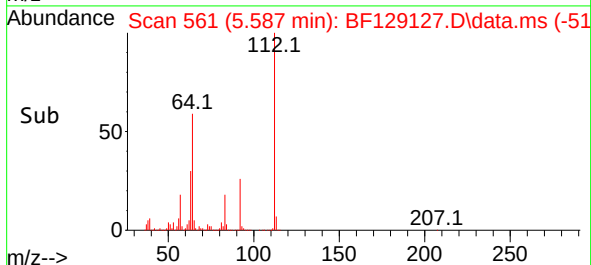
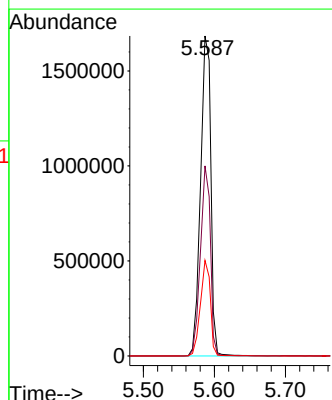
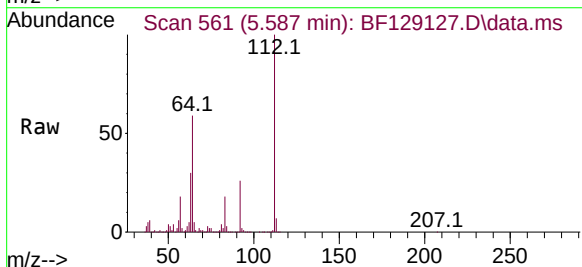
Instrument :
 BNA_F
 ClientSampleId :
 WC-14B-11-2

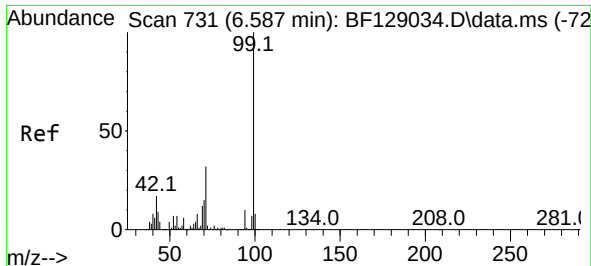
Tgt Ion:152 Resp: 258124
 Ion Ratio Lower Upper
 152 100
 150 156.2 123.7 185.5
 115 60.4 49.9 74.9



#5
 2-Fluorophenol
 Concen: 111.491 ng
 RT: 5.587 min Scan# 561
 Delta R.T. -0.000 min
 Lab File: BF129127.D
 Acq: 05 Jul 2022 16:56

Tgt Ion:112 Resp: 1702229
 Ion Ratio Lower Upper
 112 100
 64 59.4 53.3 79.9
 63 29.8 28.0 42.0

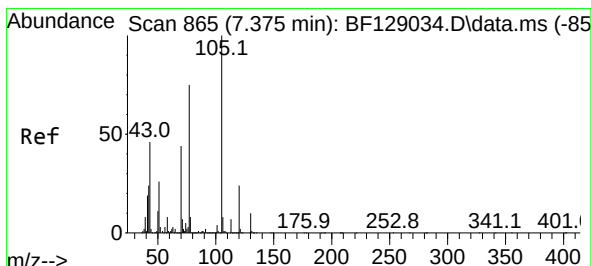
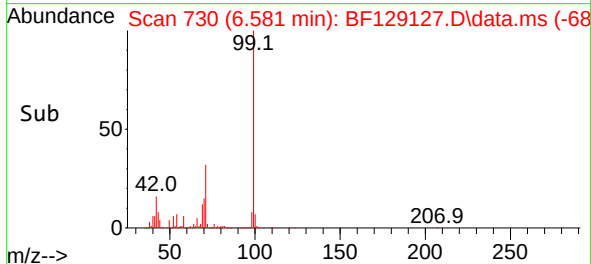
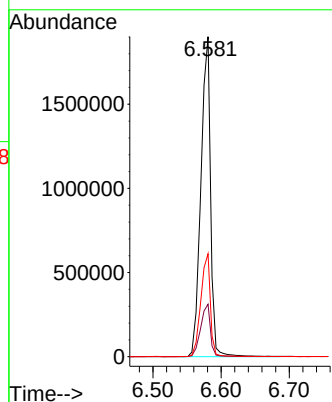
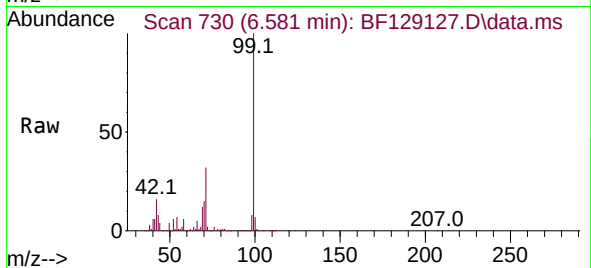




#7
Phenol-d6
Concen: 98.862 ng
RT: 6.581 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF129127.D
Acq: 05 Jul 2022 16:56

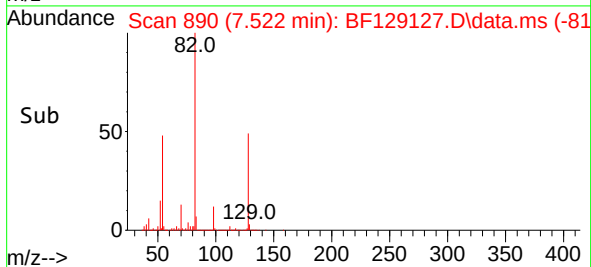
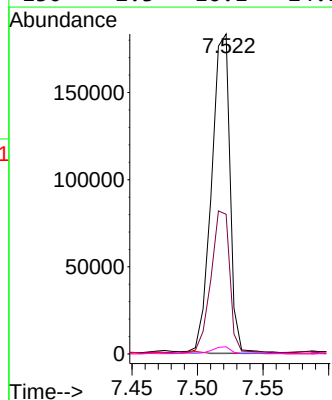
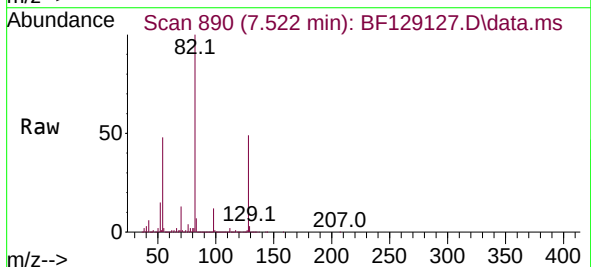
Instrument :
BNA_F
ClientSampleId :
WC-14B-11-2

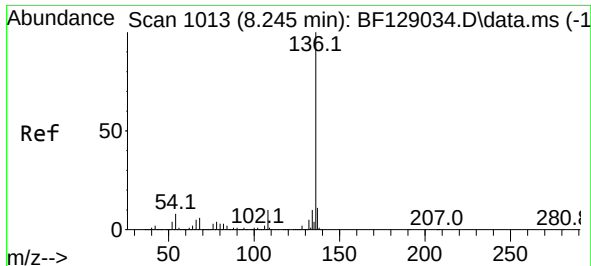
Tgt Ion: 99 Resp: 1874640
Ion Ratio Lower Upper
99 100
42 16.4 17.3 25.9#
71 32.2 28.9 43.3



#19
n-Nitroso-di-n-propylamine
Concen: 16.217 ng
RT: 7.522 min Scan# 890
Delta R.T. 0.147 min
Lab File: BF129127.D
Acq: 05 Jul 2022 16:56

Tgt Ion: 70 Resp: 177884
Ion Ratio Lower Upper
70 100
42 43.6 52.3 78.5#
101 0.1 7.5 11.3#
130 2.3 16.1 24.1#

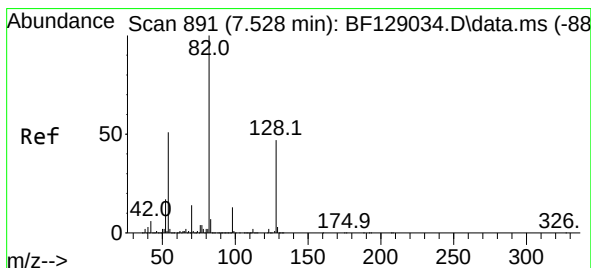
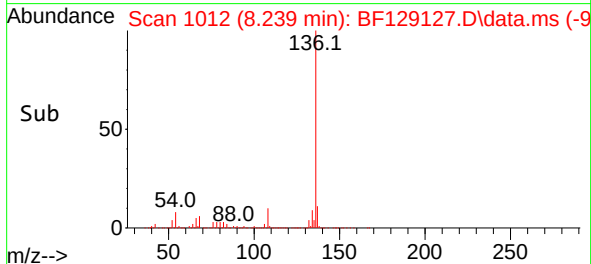
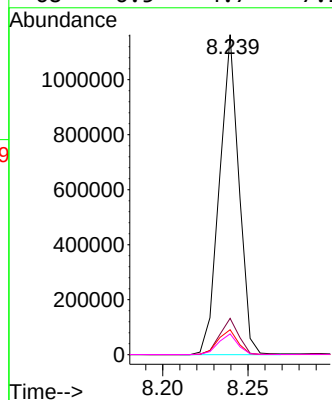
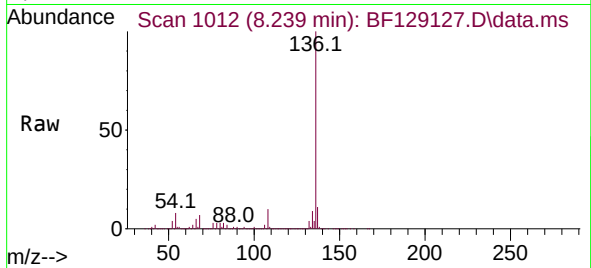




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.239 min Scan# 1012
Delta R.T. -0.006 min
Lab File: BF129127.D
Acq: 05 Jul 2022 16:56

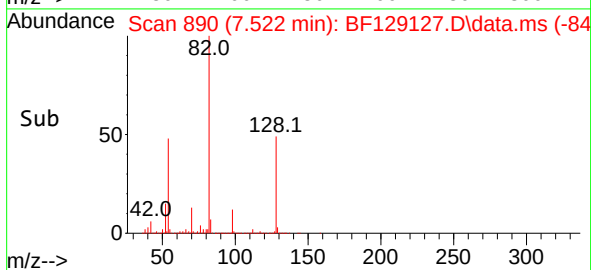
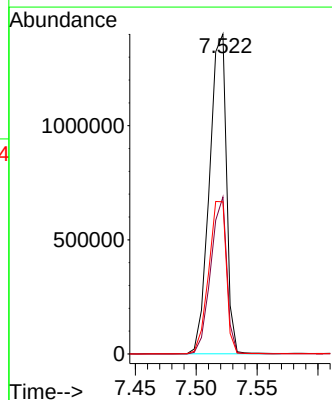
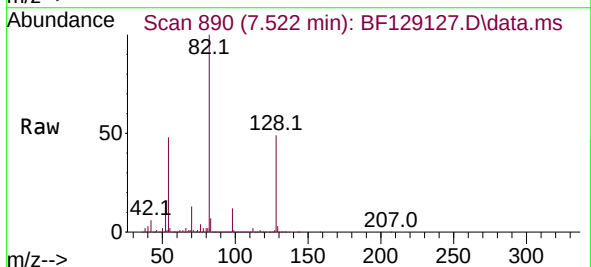
Instrument :
BNA_F
ClientSampleId :
WC-14B-11-2

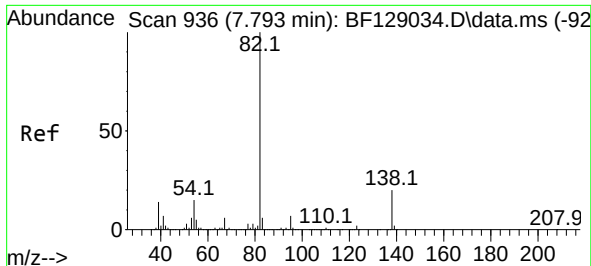
Tgt Ion:136 Resp: 920897
Ion Ratio Lower Upper
136 100
137 11.3 8.8 13.2
54 7.8 7.5 11.3
68 6.5 4.7 7.1



#23
Nitrobenzene-d5
Concen: 88.125 ng
RT: 7.522 min Scan# 890
Delta R.T. -0.006 min
Lab File: BF129127.D
Acq: 05 Jul 2022 16:56

Tgt Ion: 82 Resp: 1360582
Ion Ratio Lower Upper
82 100
128 49.0 34.0 51.0
54 47.5 46.9 70.3

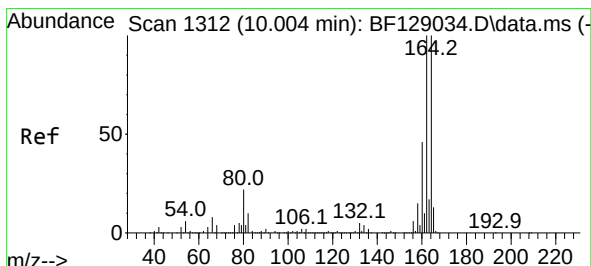
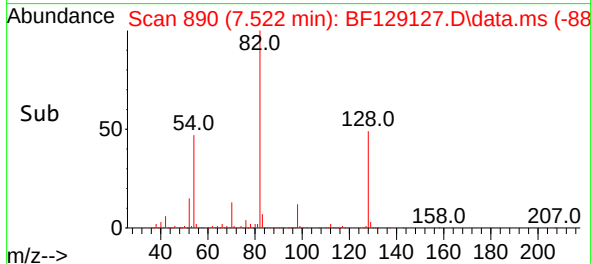
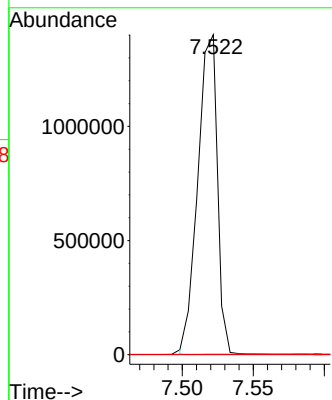
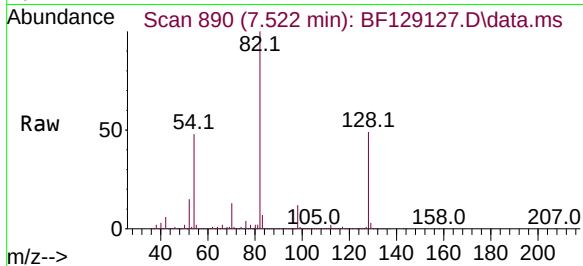




#25
Isophorone
Concen: 51.604 ng
RT: 7.522 min Scan# 89
Delta R.T. -0.271 min
Lab File: BF129127.D
Acq: 05 Jul 2022 16:56

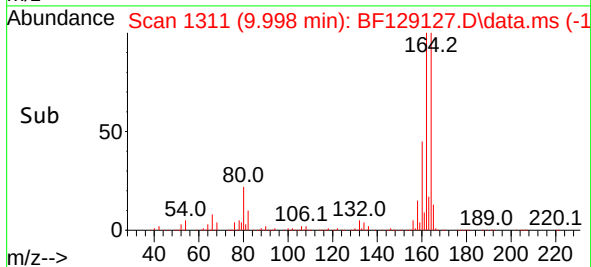
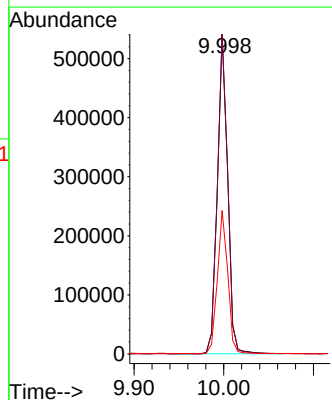
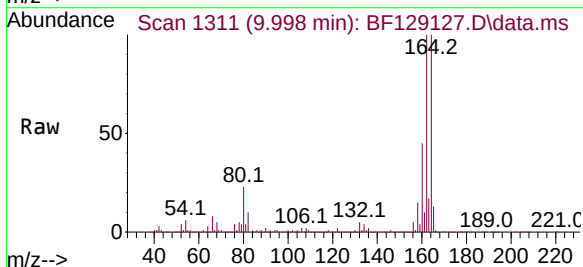
Instrument :
BNA_F
ClientSampleId :
WC-14B-11-2

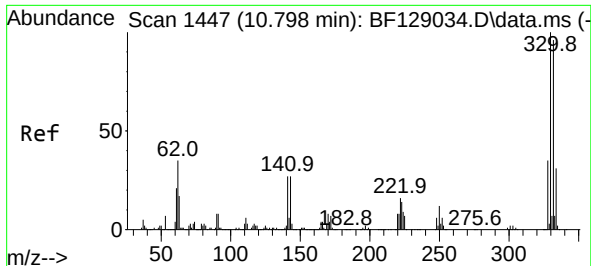
Tgt Ion: 82 Resp: 1346489
Ion Ratio Lower Upper
82 100
95 0.1 5.7 8.5#
138 0.0 14.2 21.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.998 min Scan# 1311
Delta R.T. -0.006 min
Lab File: BF129127.D
Acq: 05 Jul 2022 16:56

Tgt Ion:164 Resp: 430484
Ion Ratio Lower Upper
164 100
162 100.1 79.5 119.3
160 44.8 34.2 51.4

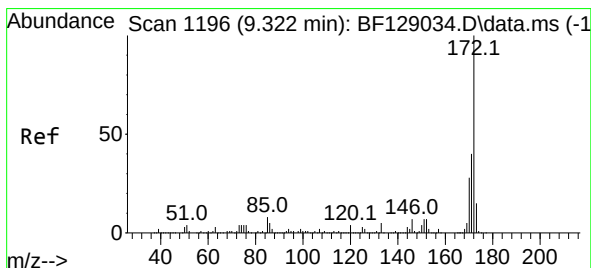
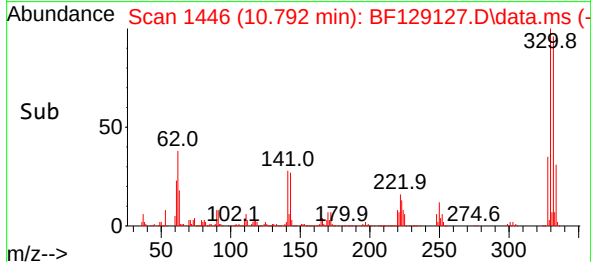
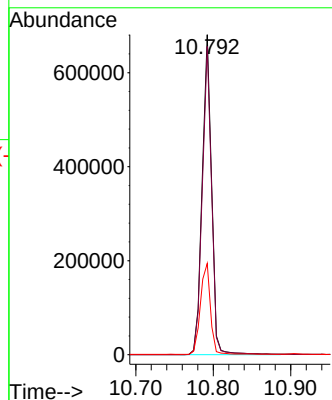
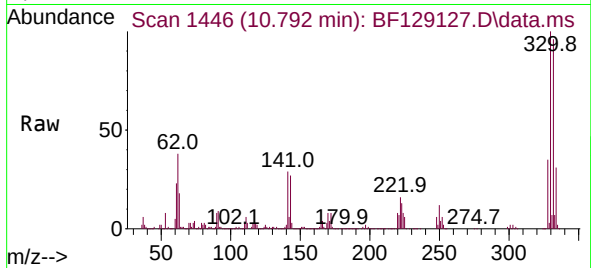




#42
2,4,6-Tribromophenol
Concen: 122.531 ng
RT: 10.792 min Scan# 1446
Delta R.T. -0.006 min
Lab File: BF129127.D
Acq: 05 Jul 2022 16:56

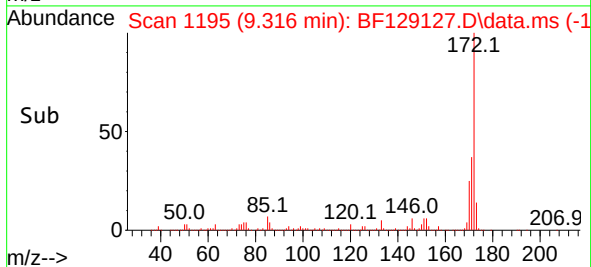
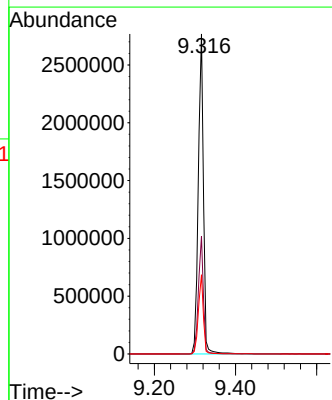
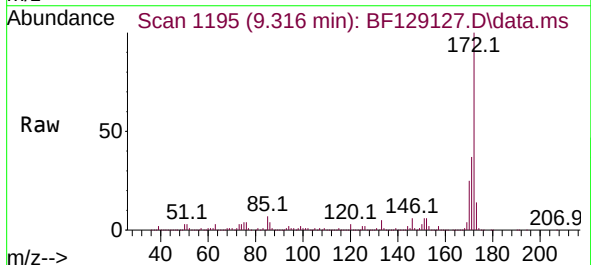
Instrument :
BNA_F
ClientSampleId :
WC-14B-11-2

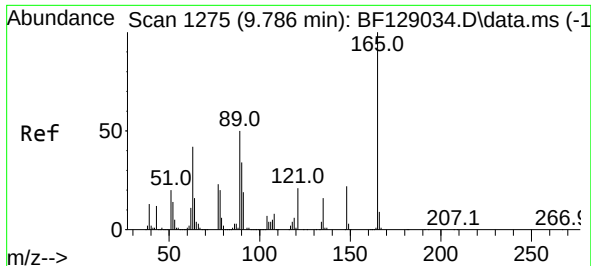
Tgt Ion:330 Resp: 573554
Ion Ratio Lower Upper
330 100
332 95.8 76.8 115.2
141 30.2 28.0 42.0



#45
2-Fluorobiphenyl
Concen: 91.937 ng
RT: 9.316 min Scan# 1195
Delta R.T. -0.006 min
Lab File: BF129127.D
Acq: 05 Jul 2022 16:56

Tgt Ion:172 Resp: 2473915
Ion Ratio Lower Upper
172 100
171 36.8 28.8 43.2
170 24.8 19.8 29.8





#51

2,6-Dinitrotoluene

Concen: 10.508 ng

RT: 9.998 min Scan# 11

Delta R.T. 0.212 min

Lab File: BF129127.D

Acq: 05 Jul 2022 16:56

Instrument :

BNA_F

ClientSampleId :

WC-14B-11-2

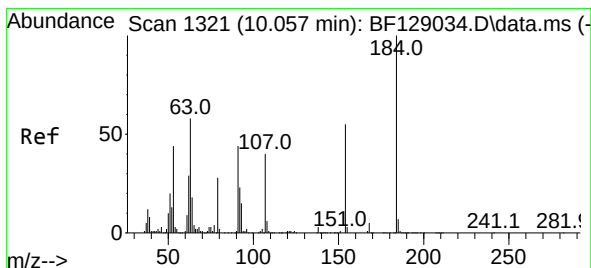
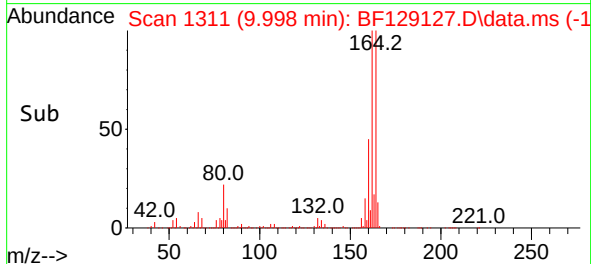
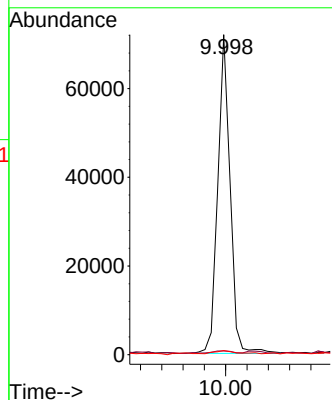
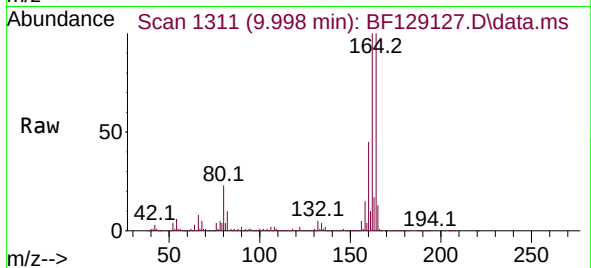
Tgt Ion:165 Resp: 57825

Ion Ratio Lower Upper

165 100

63 1.2 44.9 67.3#

89 1.3 43.6 65.4#



#54

2,4-Dinitrophenol

Concen: 6.955 ng

RT: 9.933 min Scan# 1300

Delta R.T. -0.124 min

Lab File: BF129127.D

Acq: 05 Jul 2022 16:56

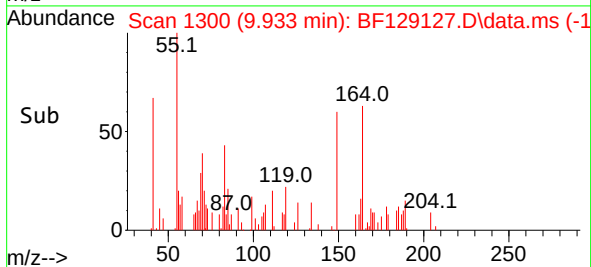
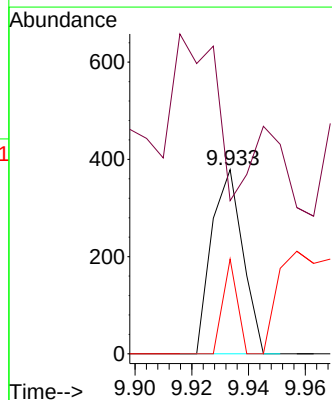
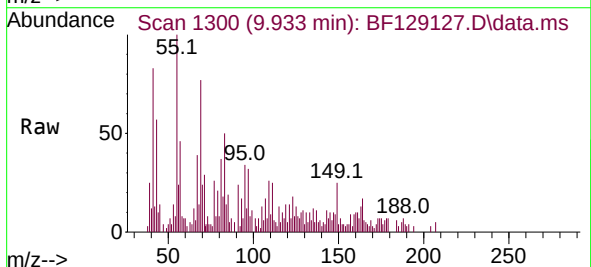
Tgt Ion:184 Resp: 289

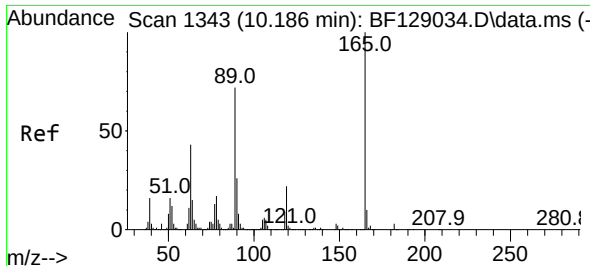
Ion Ratio Lower Upper

184 100

63 83.1 64.5 96.7

154 51.5 50.6 75.8

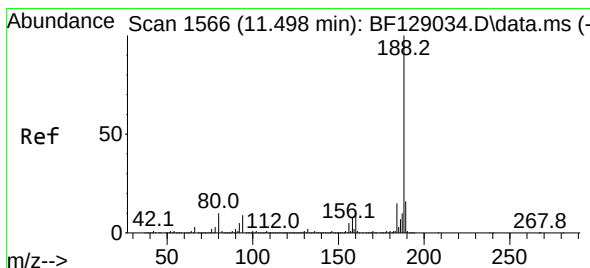
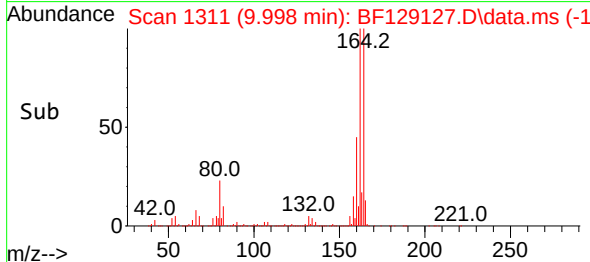
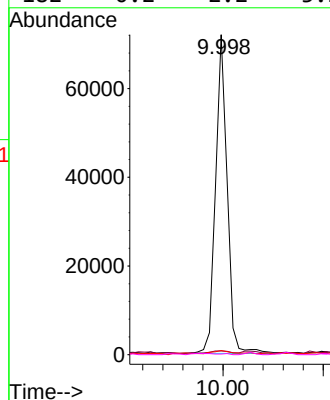
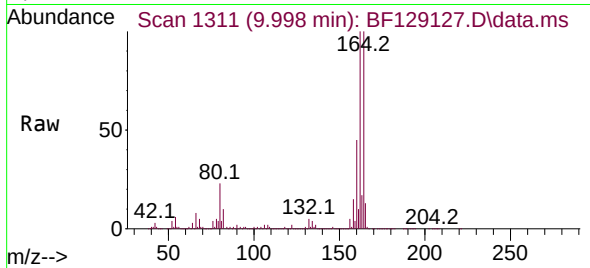




#57
2,4-Dinitrotoluene
Concen: 8.522 ng
RT: 9.998 min Scan# 11
Delta R.T. -0.188 min
Lab File: BF129127.D
Acq: 05 Jul 2022 16:56

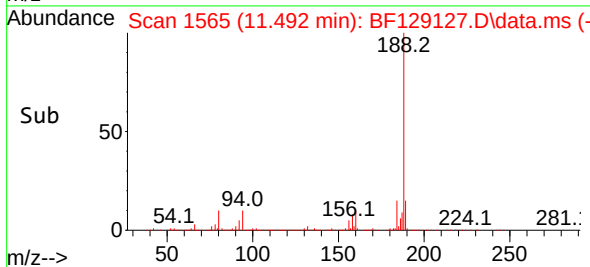
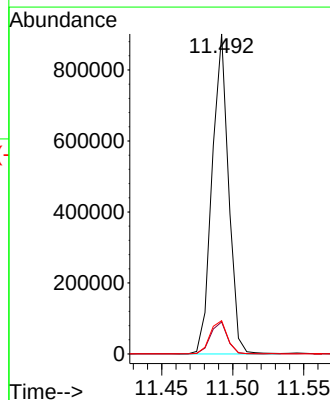
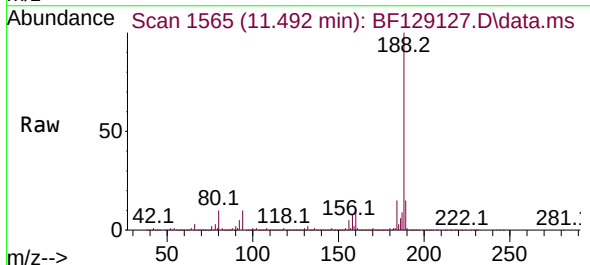
Instrument :
BNA_F
ClientSampleId :
WC-14B-11-2

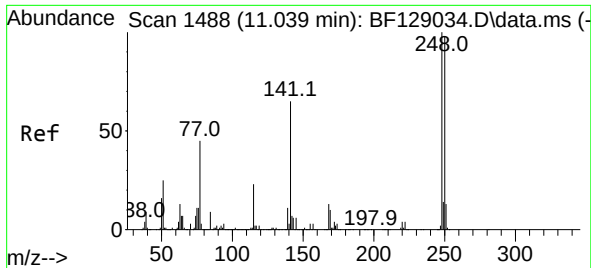
Tgt Ion:165 Resp: 57897
Ion Ratio Lower Upper
165 100
63 1.2 39.8 59.6#
89 1.3 60.2 90.2#
182 0.2 2.2 3.2#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.492 min Scan# 1565
Delta R.T. -0.006 min
Lab File: BF129127.D
Acq: 05 Jul 2022 16:56

Tgt Ion:188 Resp: 729555
Ion Ratio Lower Upper
188 100
94 10.0 7.0 10.6
80 10.4 7.6 11.4

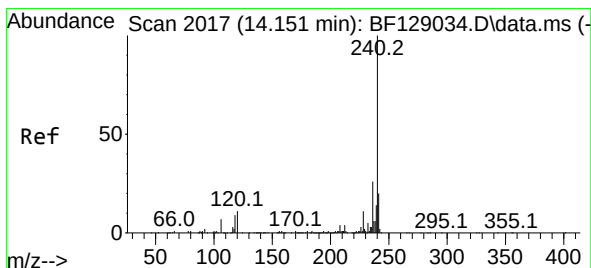
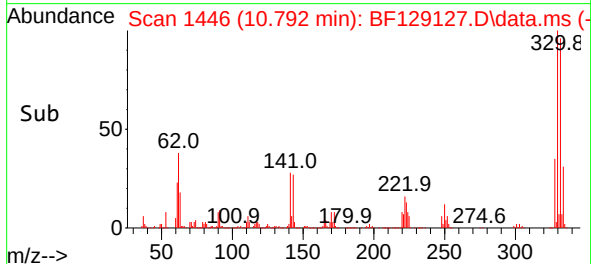
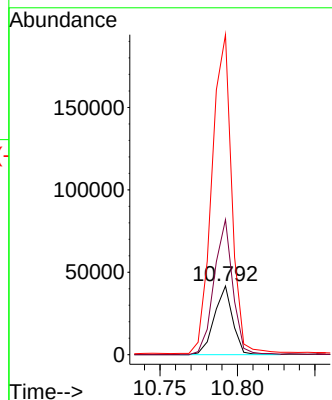
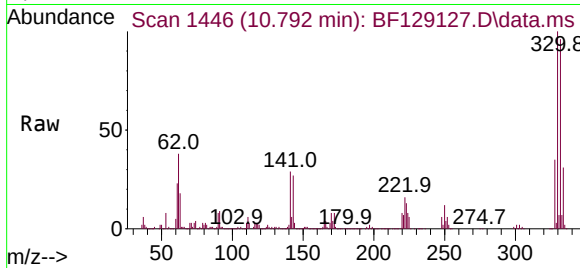




#67
4-Bromophenyl-phenylether
Concen: 4.419 ng
RT: 10.792 min Scan# 1488
Delta R.T. -0.247 min
Lab File: BF129127.D
Acq: 05 Jul 2022 16:56

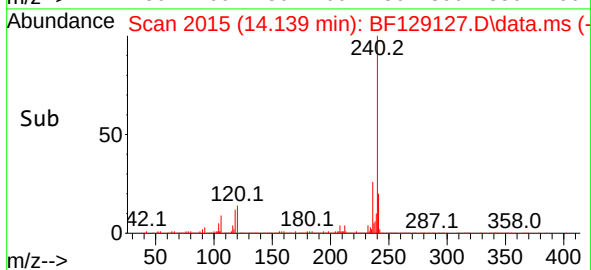
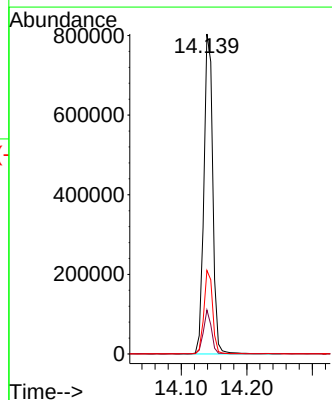
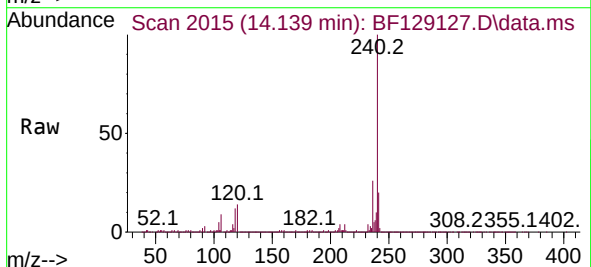
Instrument :
BNA_F
ClientSampleId :
WC-14B-11-2

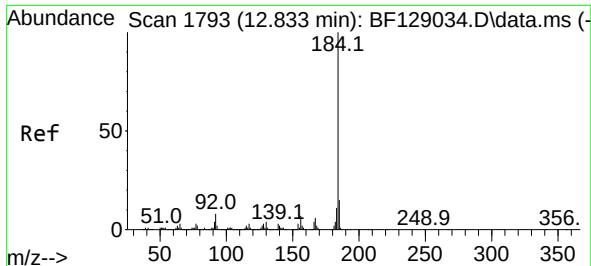
Tgt Ion:248 Resp: 34290
Ion Ratio Lower Upper
248 100
250 196.4 80.6 120.8#
141 465.6 58.9 88.3#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.139 min Scan# 2015
Delta R.T. -0.012 min
Lab File: BF129127.D
Acq: 05 Jul 2022 16:56

Tgt Ion:240 Resp: 756507
Ion Ratio Lower Upper
240 100
120 13.7 8.9 13.3#
236 26.1 20.8 31.2

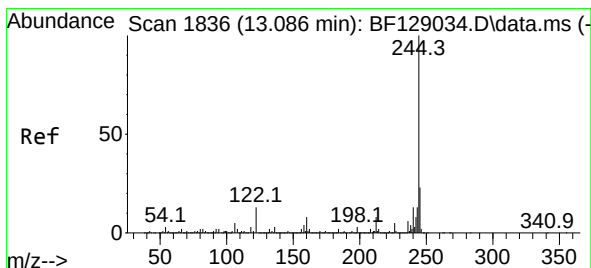
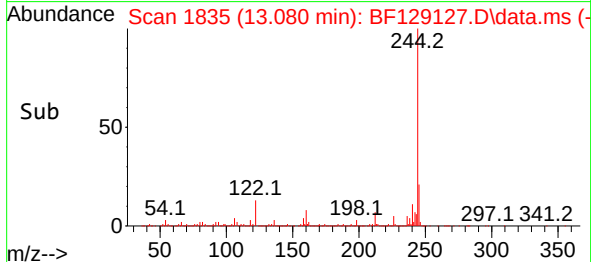
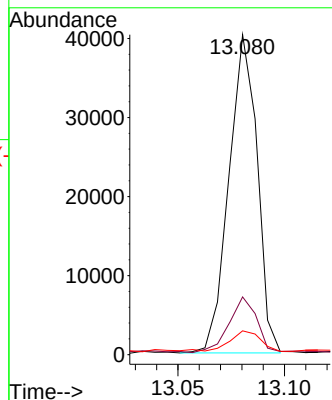
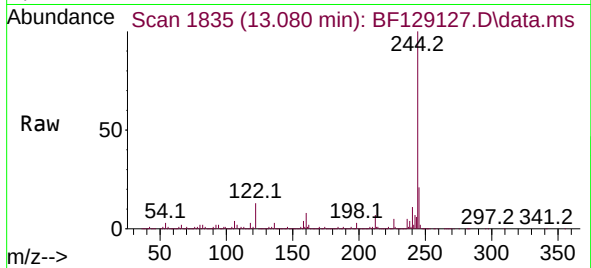




#77
Benzidine
Concen: 2.763 ng
RT: 13.080 min Scan# 1835
Delta R.T. 0.247 min
Lab File: BF129127.D
Acq: 05 Jul 2022 16:56

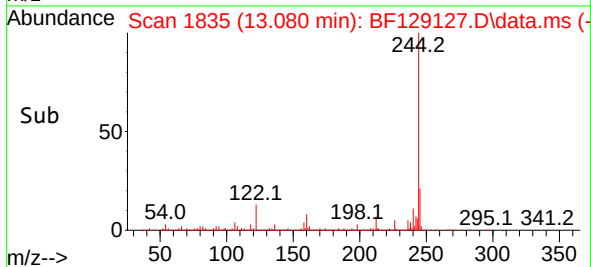
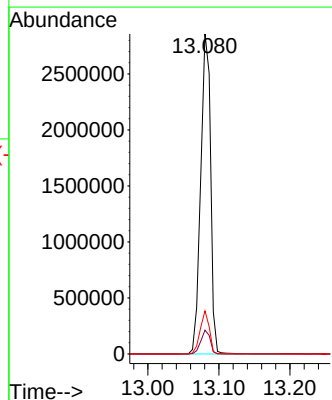
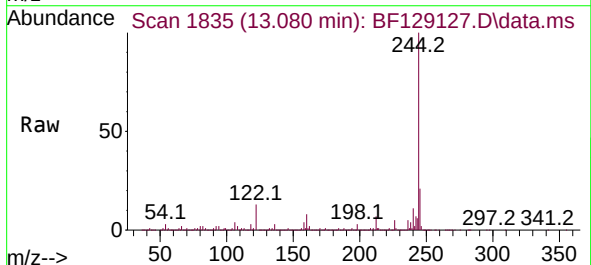
Instrument :
BNA_F
ClientSampleId :
WC-14B-11-2

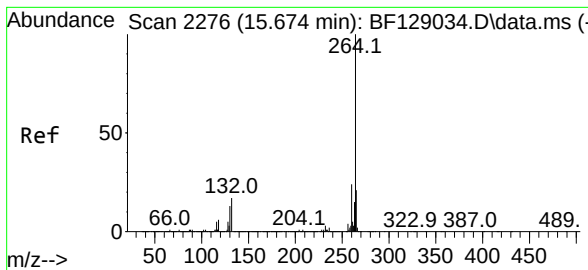
Tgt Ion:184 Resp: 37216
Ion Ratio Lower Upper
184 100
185 18.0 11.9 17.9#
183 7.5 9.3 13.9#



#79
Terphenyl-d14
Concen: 76.259 ng
RT: 13.080 min Scan# 1835
Delta R.T. -0.006 min
Lab File: BF129127.D
Acq: 05 Jul 2022 16:56

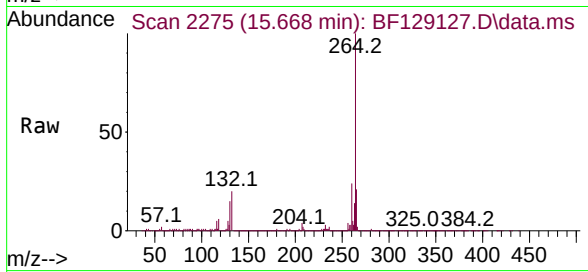
Tgt Ion:244 Resp: 2778078
Ion Ratio Lower Upper
244 100
212 7.4 6.1 9.1
122 13.5 8.8 13.2#





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.668 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BF129127.D
 Acq: 05 Jul 2022 16:56

Instrument :
 BNA_F
 ClientSampleId :
 WC-14B-11-2



Tgt Ion:264 Resp: 747864

Ion	Ratio	Lower	Upper
264	100		
260	23.9	18.4	27.6
265	21.4	17.2	25.8

