

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070522\
 Data File : BF129129.D
 Acq On : 05 Jul 2022 18:00
 Operator : CG\JU
 Sample : N3564-17
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-16-2-6

Quant Time: Jul 05 18:51:07 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)

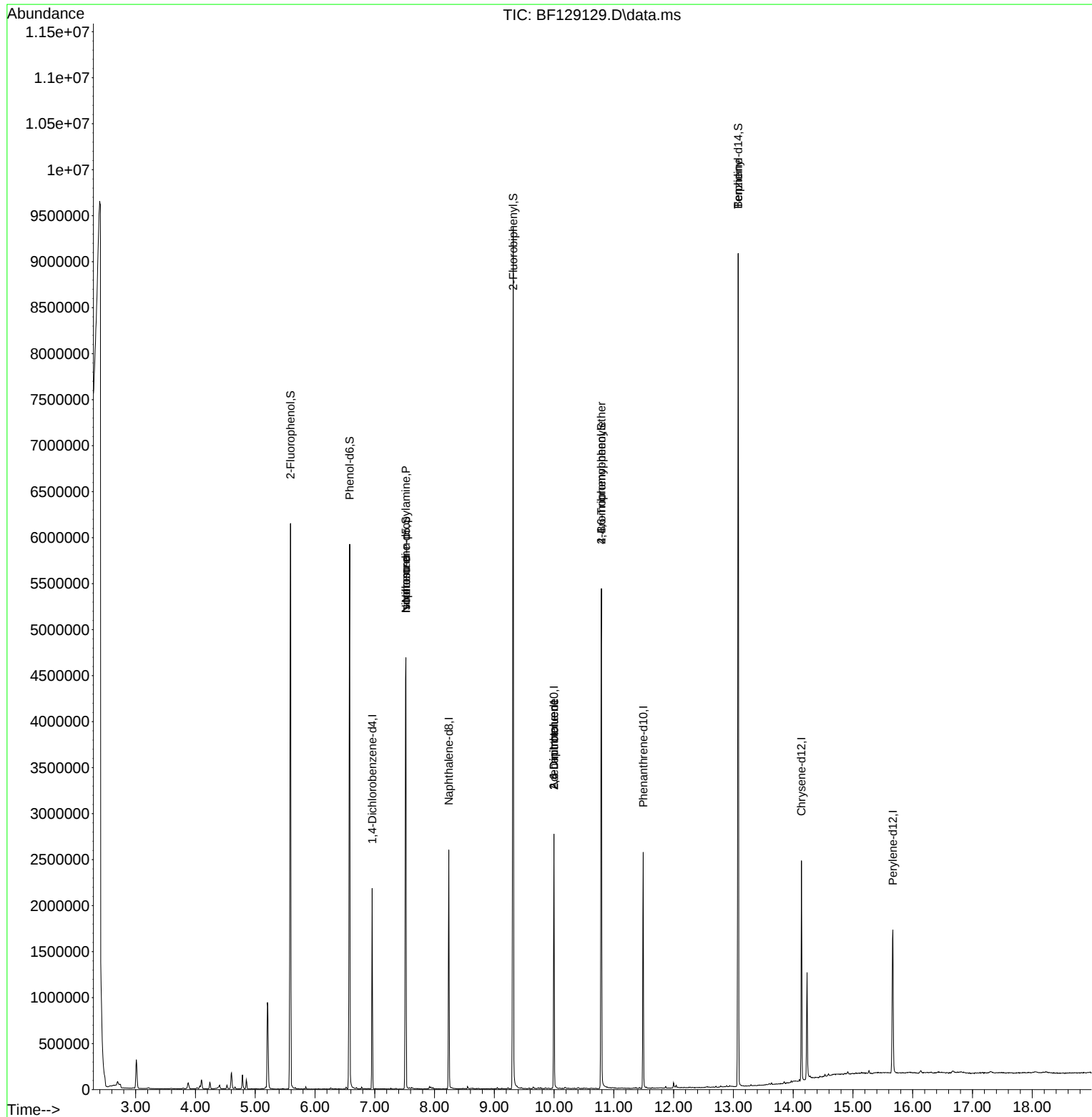
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.957	152	288451	20.000	ng	0.00
21) Naphthalene-d8	8.239	136	1062825	20.000	ng	0.00
39) Acenaphthene-d10	9.998	164	531817	20.000	ng	0.00
64) Phenanthrene-d10	11.492	188	874841	20.000	ng	0.00
76) Chrysene-d12	14.139	240	759121	20.000	ng	-0.01
86) Perylene-d12	15.668	264	752147	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.592	112	1988317	116.537	ng	0.00
7) Phenol-d6	6.581	99	2178002	102.784	ng	0.00
23) Nitrobenzene-d5	7.522	82	1645438	92.343	ng	0.00
42) 2,4,6-Tribromophenol	10.792	330	736862	127.425	ng	0.00
45) 2-Fluorobiphenyl	9.316	172	2965674	89.212	ng	0.00
79) Terphenyl-d14	13.080	244	3170760	86.738	ng	0.00
Target Compounds						
					Qvalue	
9) Benzaldehyde	6.510	77	1279	Below Cal	#	84
19) n-Nitroso-di-n-propyla...	7.522	70	218084	17.791	ng	# 69
25) Isophorone	7.522	82	1623521	53.912	ng	# 65
51) 2,6-Dinitrotoluene	9.998	165	68864	10.129	ng	# 25
57) 2,4-Dinitrotoluene	9.998	165	68936	8.213	ng	# 21
67) 4-Bromophenyl-phenylether	10.792	248	44230	4.753	ng	# 1
77) Benzydine	13.080	184	43442	3.214	ng	# 92

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070522\
Data File : BF129129.D
Acq On : 05 Jul 2022 18:00
Operator : CG\JU
Sample : N3564-17
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-16-2-6

Quant Time: Jul 05 18:51:07 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

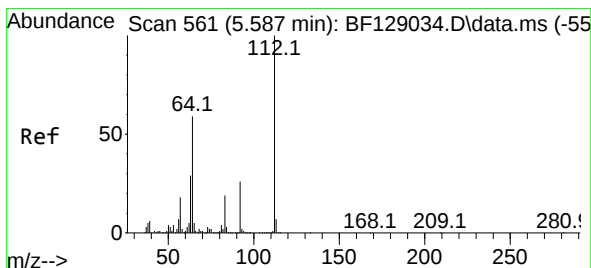
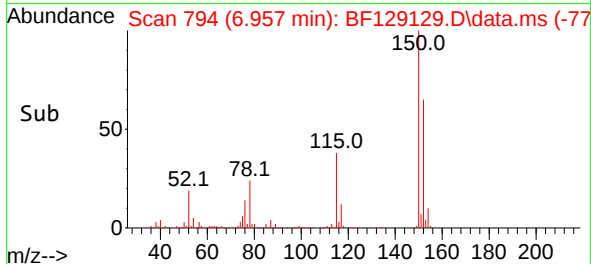
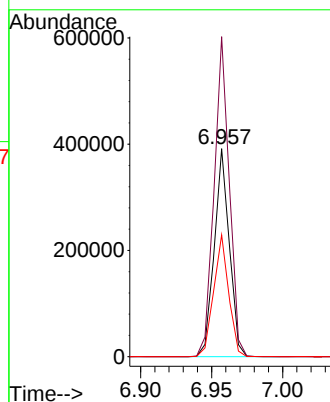
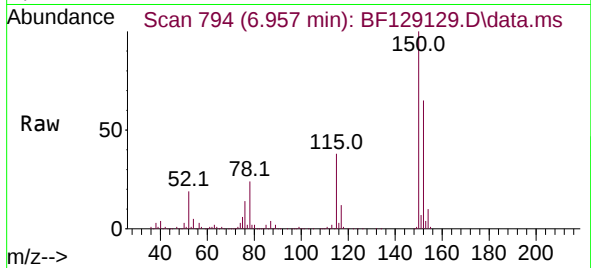




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.957 min Scan# 795
Delta R.T. -0.006 min
Lab File: BF129129.D
Acq: 05 Jul 2022 18:00

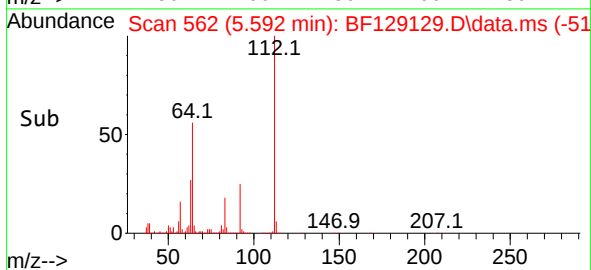
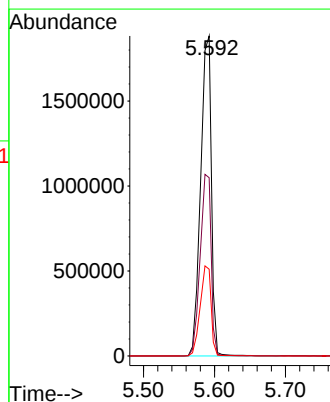
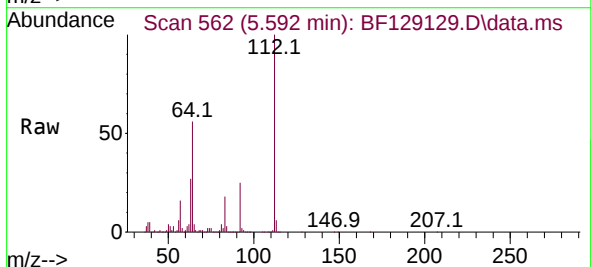
Instrument :
BNA_F
ClientSampleId :
WC-16-2-6

Tgt Ion:152 Resp: 288451
Ion Ratio Lower Upper
152 100
150 153.9 123.7 185.5
115 58.6 49.9 74.9



#5
2-Fluorophenol
Concen: 116.537 ng
RT: 5.592 min Scan# 562
Delta R.T. 0.006 min
Lab File: BF129129.D
Acq: 05 Jul 2022 18:00

Tgt Ion:112 Resp: 1988317
Ion Ratio Lower Upper
112 100
64 55.7 53.3 79.9
63 27.1 28.0 42.0#

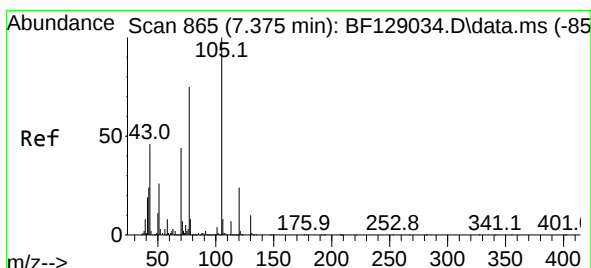
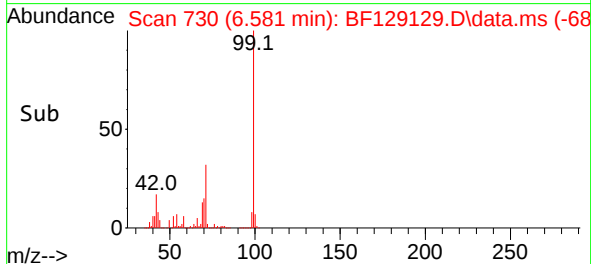
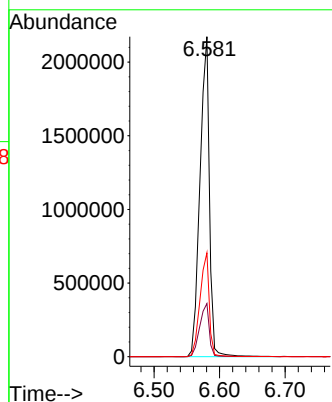
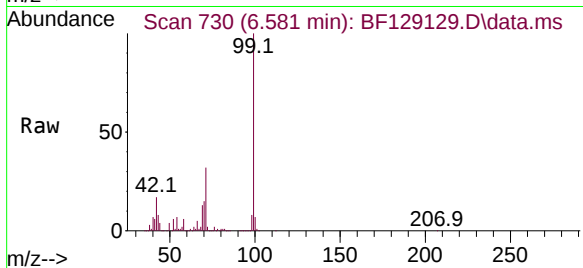




#7
Phenol-d6
Concen: 102.784 ng
RT: 6.581 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF129129.D
Acq: 05 Jul 2022 18:00

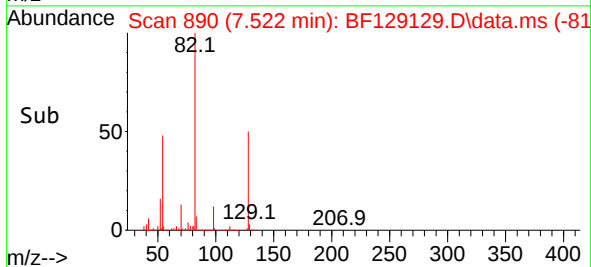
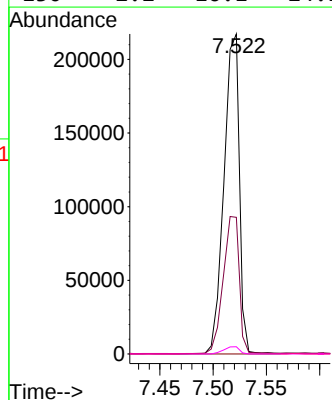
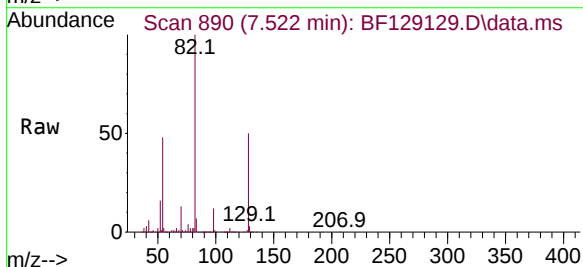
Instrument :
BNA_F
ClientSampleId :
WC-16-2-6

Tgt Ion: 99 Resp: 2178002
Ion Ratio Lower Upper
99 100
42 16.6 17.3 25.9#
71 32.4 28.9 43.3



#19
n-Nitroso-di-n-propylamine
Concen: 17.791 ng
RT: 7.522 min Scan# 890
Delta R.T. 0.147 min
Lab File: BF129129.D
Acq: 05 Jul 2022 18:00

Tgt Ion: 70 Resp: 218084
Ion Ratio Lower Upper
70 100
42 42.7 52.3 78.5#
101 0.0 7.5 11.3#
130 2.2 16.1 24.1#

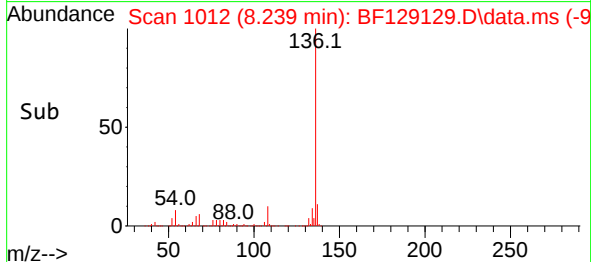
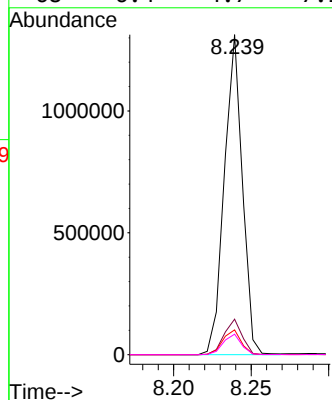
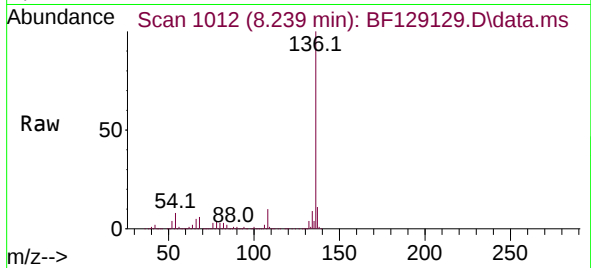




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.239 min Scan# 1012
Delta R.T. -0.006 min
Lab File: BF129129.D
Acq: 05 Jul 2022 18:00

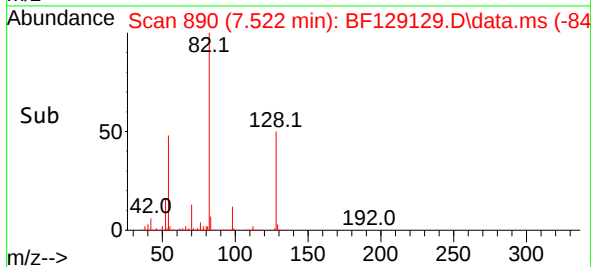
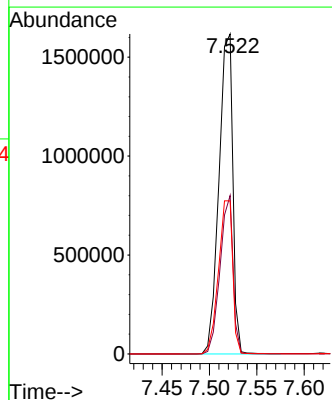
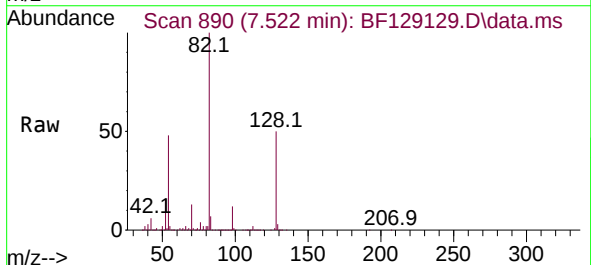
Instrument :
BNA_F
ClientSampleId :
WC-16-2-6

Tgt Ion:136 Resp: 1062825
Ion Ratio Lower Upper
136 100
137 11.1 8.8 13.2
54 7.7 7.5 11.3
68 6.4 4.7 7.1



#23
Nitrobenzene-d5
Concen: 92.343 ng
RT: 7.522 min Scan# 890
Delta R.T. -0.006 min
Lab File: BF129129.D
Acq: 05 Jul 2022 18:00

Tgt Ion: 82 Resp: 1645438
Ion Ratio Lower Upper
82 100
128 49.5 34.0 51.0
54 47.9 46.9 70.3

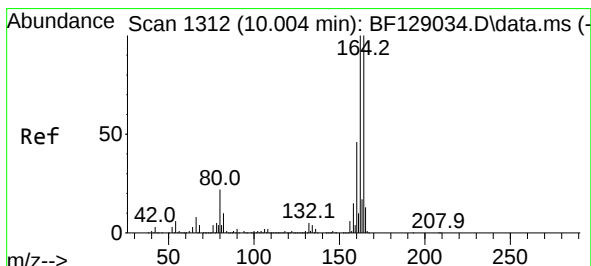
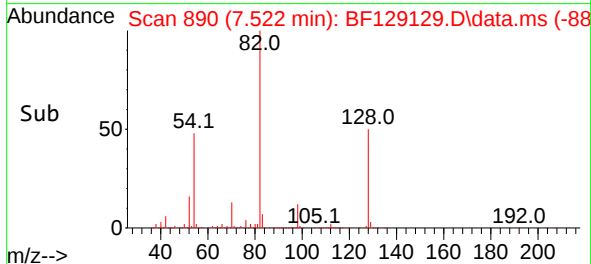
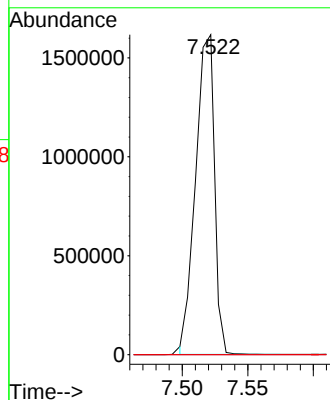
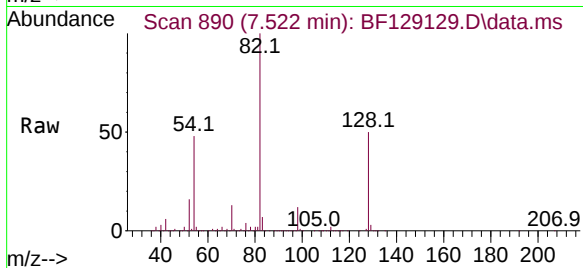




#25
Isophorone
Concen: 53.912 ng
RT: 7.522 min Scan# 89
Delta R.T. -0.271 min
Lab File: BF129129.D
Acq: 05 Jul 2022 18:00

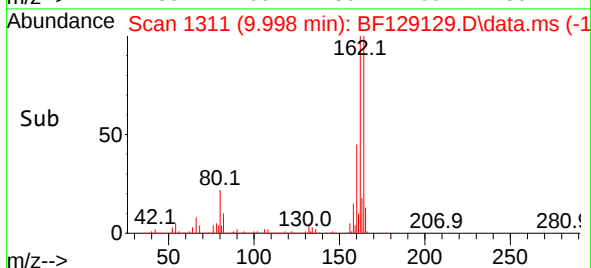
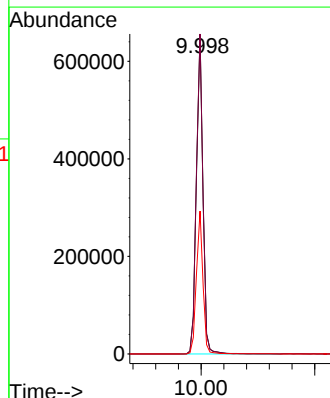
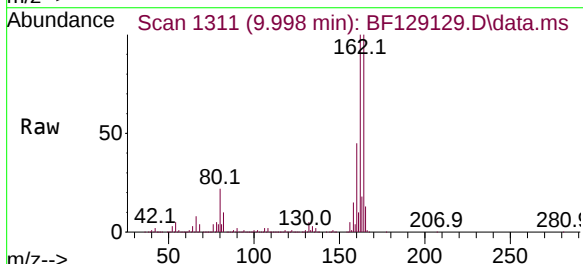
Instrument :
BNA_F
ClientSampleId :
WC-16-2-6

Tgt Ion: 82 Resp: 1623521
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: BF129129.D
Acq: 05 Jul 2022 18:00

Tgt Ion:164 Resp: 531817
Ion Ratio Lower Upper
164 100
162 100.1 79.5 119.3
160 44.7 34.2 51.4





#42

2,4,6-Tribromophenol

Concen: 127.425 ng

RT: 10.792 min Scan# 1446

Delta R.T. -0.006 min

Lab File: BF129129.D

Acq: 05 Jul 2022 18:00

Instrument :

BNA_F

ClientSampleId :

WC-16-2-6

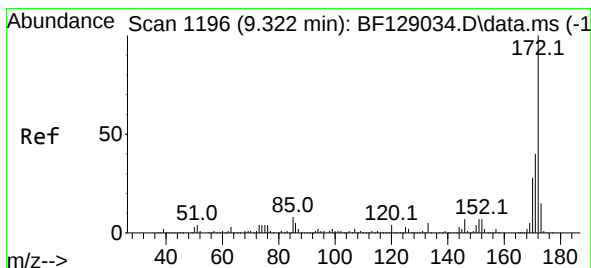
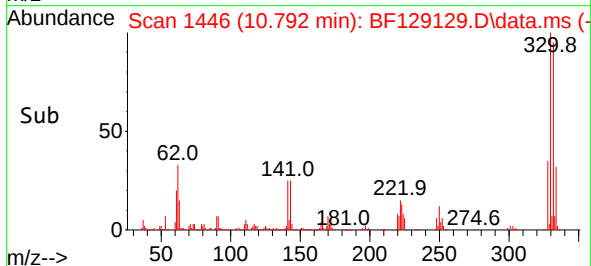
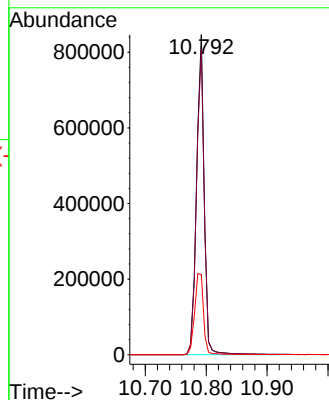
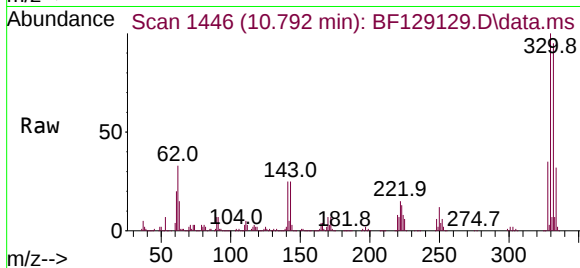
Tgt Ion:330 Resp: 736862

Ion Ratio Lower Upper

330 100

332 97.1 76.8 115.2

141 29.7 28.0 42.0



#45

2-Fluorobiphenyl

Concen: 89.212 ng

RT: 9.316 min Scan# 1195

Delta R.T. -0.006 min

Lab File: BF129129.D

Acq: 05 Jul 2022 18:00

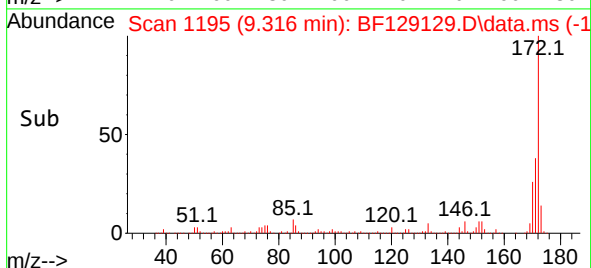
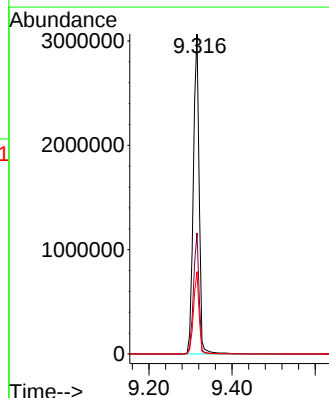
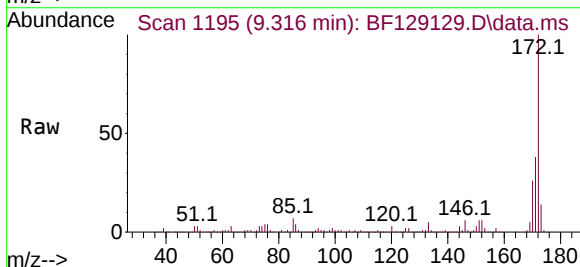
Tgt Ion:172 Resp: 2965674

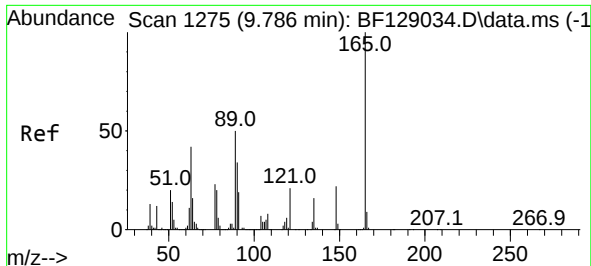
Ion Ratio Lower Upper

172 100

171 37.8 28.8 43.2

170 25.8 19.8 29.8

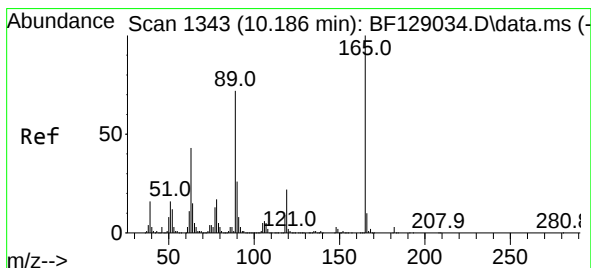
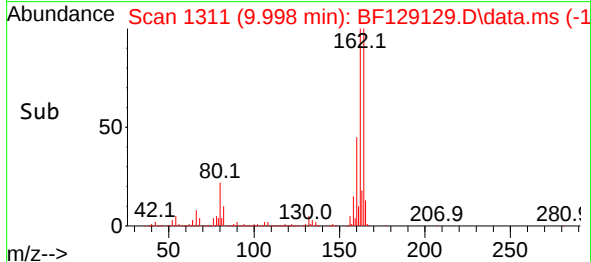
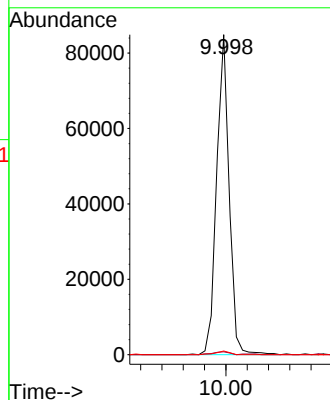
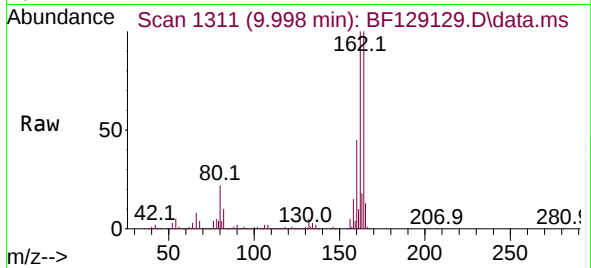




#51
2,6-Dinitrotoluene
Concen: 10.129 ng
RT: 9.998 min Scan# 1311
Delta R.T. 0.212 min
Lab File: BF129129.D
Acq: 05 Jul 2022 18:00

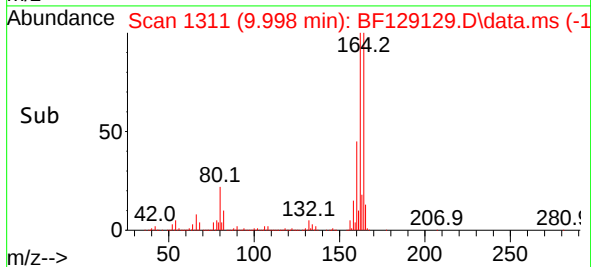
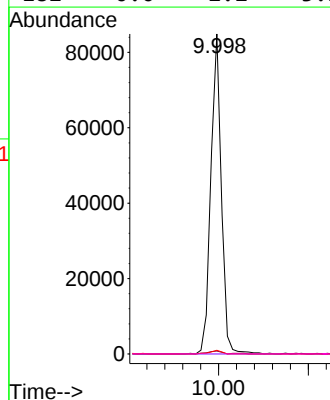
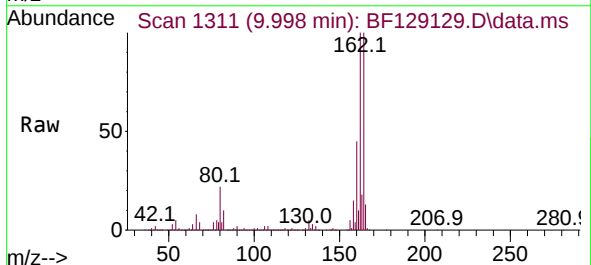
Instrument :
BNA_F
ClientSampleId :
WC-16-2-6

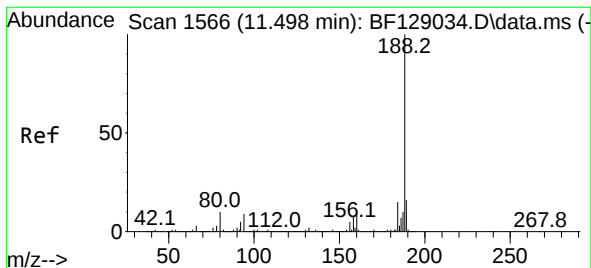
Tgt Ion:165 Resp: 68864
Ion Ratio Lower Upper
165 100
63 0.9 44.9 67.3#
89 1.2 43.6 65.4#



#57
2,4-Dinitrotoluene
Concen: 8.213 ng
RT: 9.998 min Scan# 1311
Delta R.T. -0.188 min
Lab File: BF129129.D
Acq: 05 Jul 2022 18:00

Tgt Ion:165 Resp: 68936
Ion Ratio Lower Upper
165 100
63 0.9 39.8 59.6#
89 1.2 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: BF129129.D

Acq: 05 Jul 2022 18:00

Instrument :

BNA_F

ClientSampleId :

WC-16-2-6

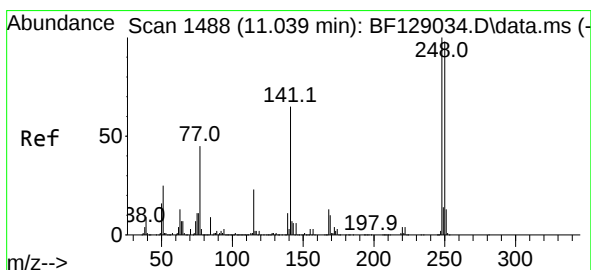
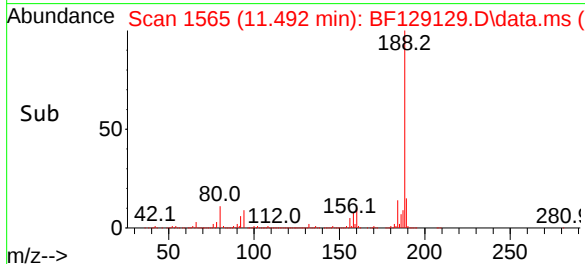
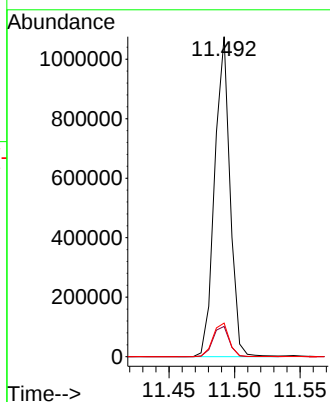
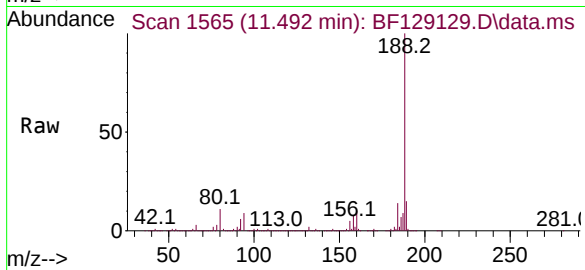
Tgt Ion:188 Resp: 874841

Ion Ratio Lower Upper

188 100

94 9.5 7.0 10.6

80 10.5 7.6 11.4



#67

4-Bromophenyl-phenylether

Concen: 4.753 ng

RT: 10.792 min Scan# 1446

Delta R.T. -0.247 min

Lab File: BF129129.D

Acq: 05 Jul 2022 18:00

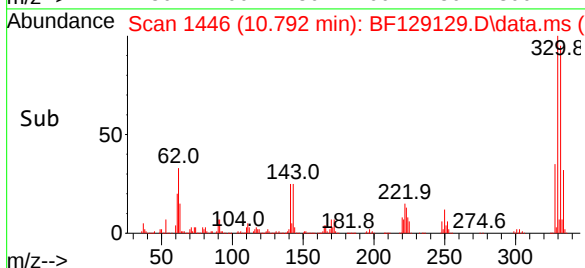
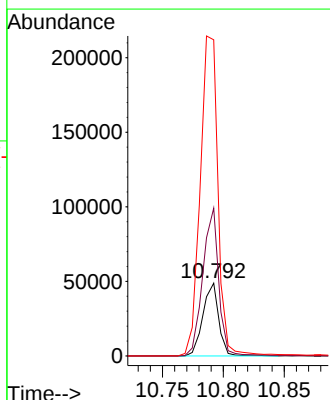
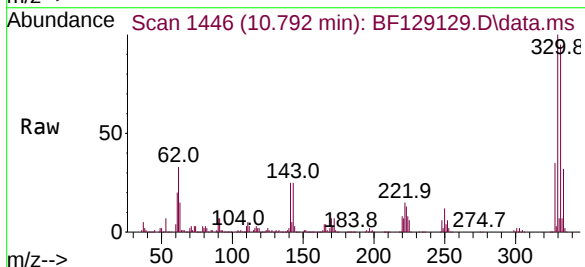
Tgt Ion:248 Resp: 44230

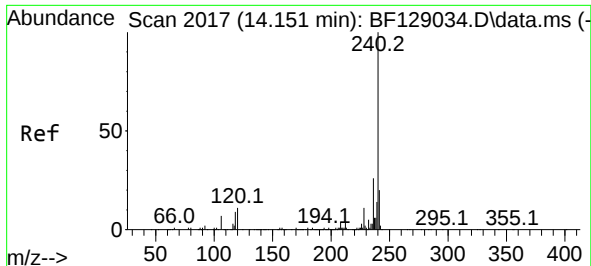
Ion Ratio Lower Upper

248 100

250 202.9 80.6 120.8#

141 434.2 58.9 88.3#

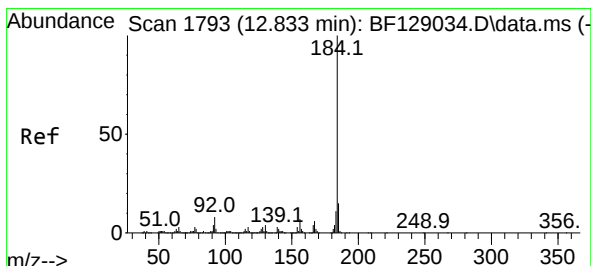
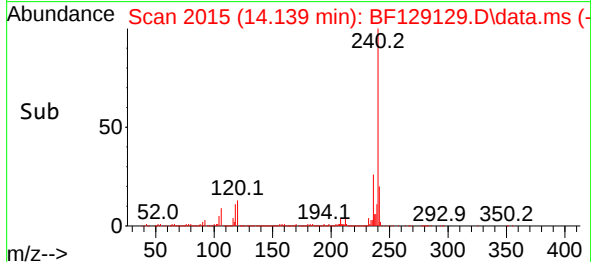
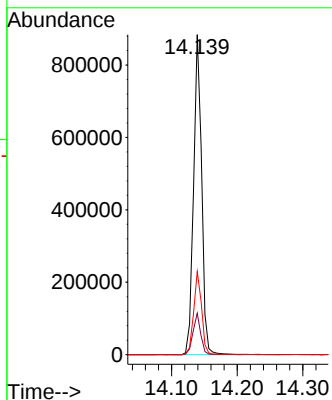
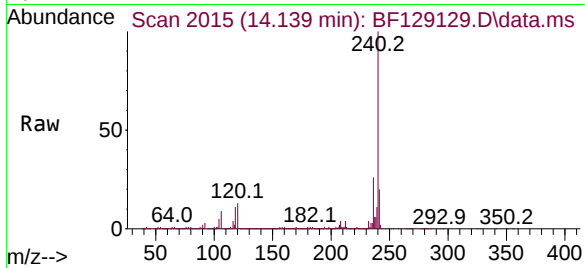




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.139 min Scan# 20
Delta R.T. -0.012 min
Lab File: BF129129.D
Acq: 05 Jul 2022 18:00

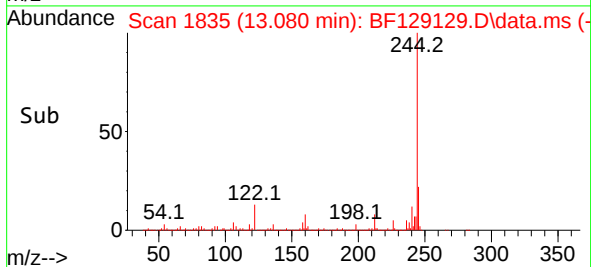
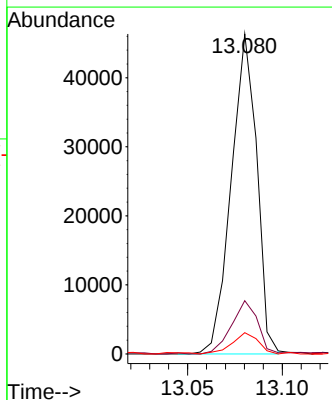
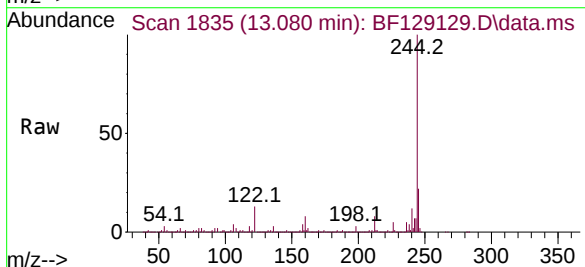
Instrument :
BNA_F
ClientSampleId :
WC-16-2-6

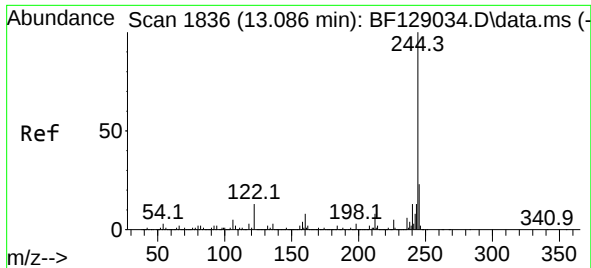
Tgt Ion:240 Resp: 759121
Ion Ratio Lower Upper
240 100
120 12.9 8.9 13.3
236 26.0 20.8 31.2



#77
Benzidine
Concen: 3.214 ng
RT: 13.080 min Scan# 1835
Delta R.T. 0.247 min
Lab File: BF129129.D
Acq: 05 Jul 2022 18:00

Tgt Ion:184 Resp: 43442
Ion Ratio Lower Upper
184 100
185 16.7 11.9 17.9
183 6.7 9.3 13.9#

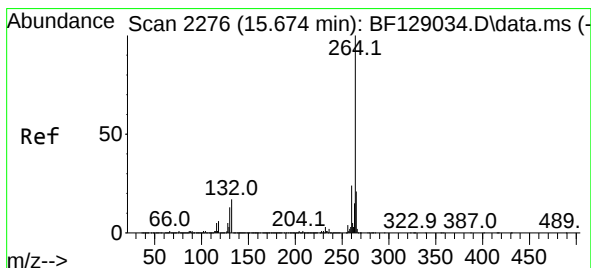
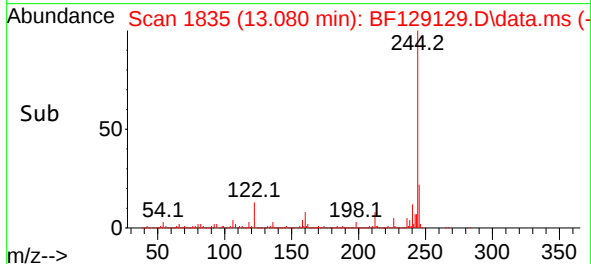
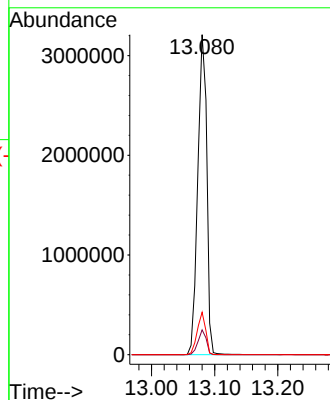
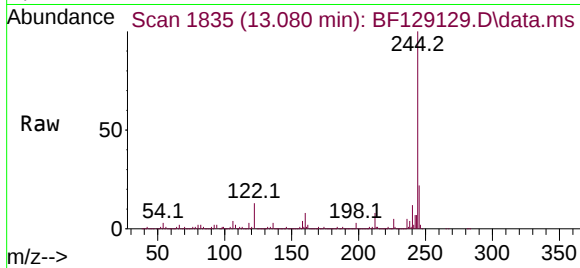




#79
 Terphenyl-d14
 Concen: 86.738 ng
 RT: 13.080 min Scan# 1836
 Delta R.T. -0.006 min
 Lab File: BF129129.D
 Acq: 05 Jul 2022 18:00

Instrument :
 BNA_F
 ClientSampleId :
 WC-16-2-6

Tgt Ion:244 Resp: 3170760
 Ion Ratio Lower Upper
 244 100
 212 7.7 6.1 9.1
 122 13.2 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: BF129129.D
 Acq: 05 Jul 2022 18:00

Tgt Ion:264 Resp: 752147
 Ion Ratio Lower Upper
 264 100
 260 23.5 18.4 27.6
 265 21.0 17.2 25.8

