

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070522\
 Data File : BF129126.D
 Acq On : 05 Jul 2022 16:25
 Operator : CG\JU
 Sample : N3564-02
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-14B-11-1

Quant Time: Jul 05 17:16:06 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)

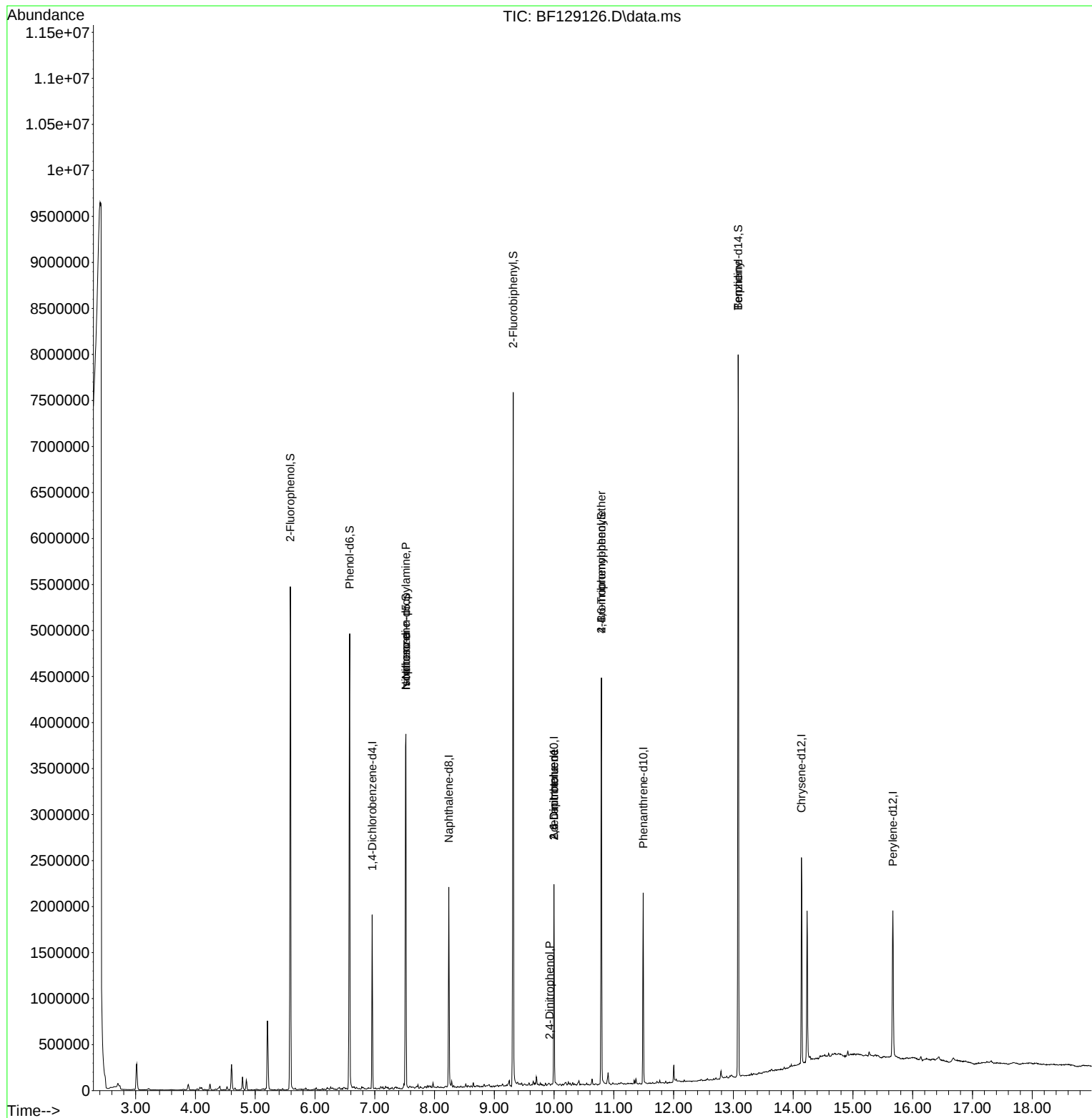
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.957	152	251317	20.000	ng	0.00
21) Naphthalene-d8	8.239	136	873878	20.000	ng	0.00
39) Acenaphthene-d10	9.998	164	402432	20.000	ng	0.00
64) Phenanthrene-d10	11.492	188	700079	20.000	ng	0.00
76) Chrysene-d12	14.139	240	760281	20.000	ng	-0.01
86) Perylene-d12	15.668	264	739929	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.587	112	1637158	110.133	ng	0.00
7) Phenol-d6	6.581	99	1799002	97.443	ng	0.00
23) Nitrobenzene-d5	7.522	82	1299731	88.713	ng	0.00
42) 2,4,6-Tribromophenol	10.792	330	548344	125.311	ng	0.00
45) 2-Fluorobiphenyl	9.316	172	2268470	90.178	ng	0.00
79) Terphenyl-d14	13.080	244	2796141	76.374	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.516	77	363	Below Cal	#	17
19) n-Nitroso-di-n-propyla...	7.522	70	172819	16.182	ng	# 70
25) Isophorone	7.522	82	1286261	51.948	ng	# 65
51) 2,6-Dinitrotoluene	9.998	165	52752	10.254	ng	# 25
54) 2,4-Dinitrophenol	9.927	184	159	6.918	ng	# 40
57) 2,4-Dinitrotoluene	9.998	165	52752	8.306	ng	# 21
67) 4-Bromophenyl-phenylether	10.792	248	33059	4.439	ng	# 1
77) Benzidine	13.080	184	37756	2.789	ng	# 92

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

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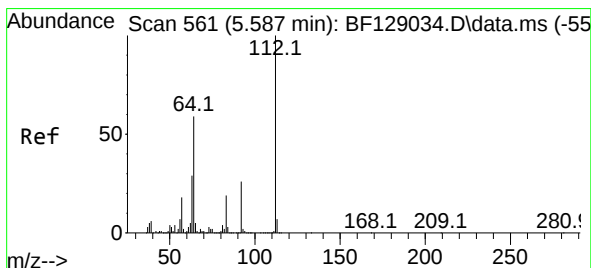
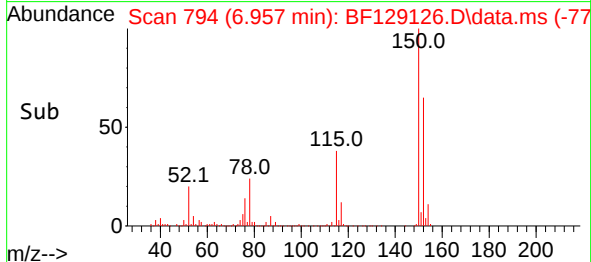
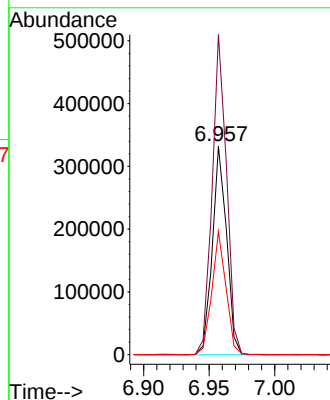
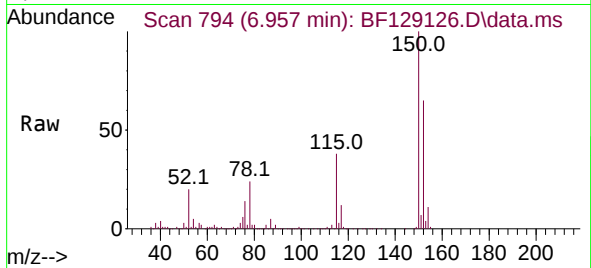




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.957 min Scan# 795
Delta R.T. -0.006 min
Lab File: BF129126.D
Acq: 05 Jul 2022 16:25

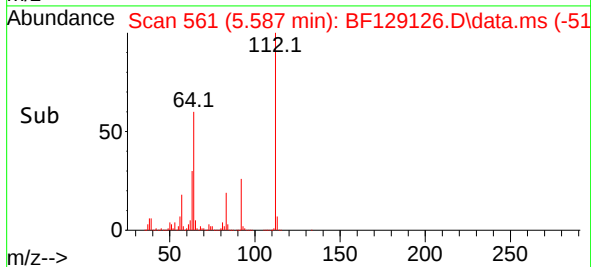
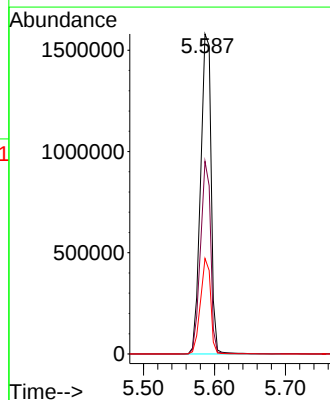
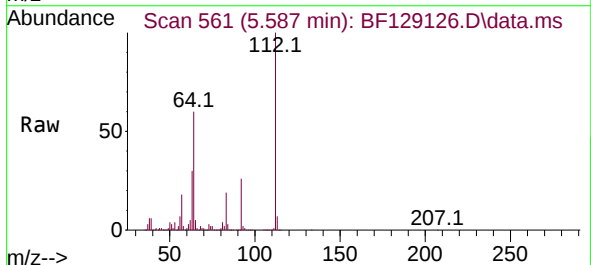
Instrument :
BNA_F
ClientSampleId :
WC-14B-11-1

Tgt Ion:152 Resp: 251317
Ion Ratio Lower Upper
152 100
150 153.4 123.7 185.5
115 59.1 49.9 74.9



#5
2-Fluorophenol
Concen: 110.133 ng
RT: 5.587 min Scan# 561
Delta R.T. -0.000 min
Lab File: BF129126.D
Acq: 05 Jul 2022 16:25

Tgt Ion:112 Resp: 1637158
Ion Ratio Lower Upper
112 100
64 60.2 53.3 79.9
63 29.9 28.0 42.0

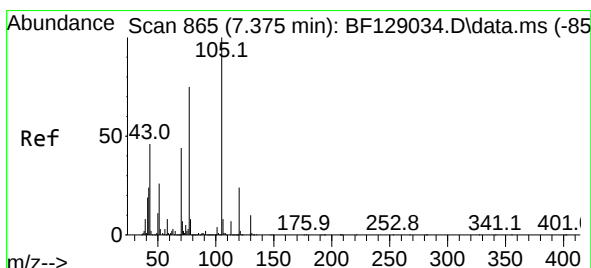
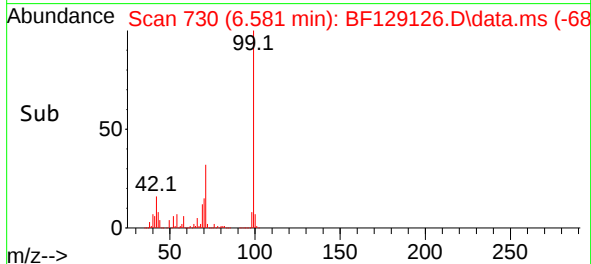
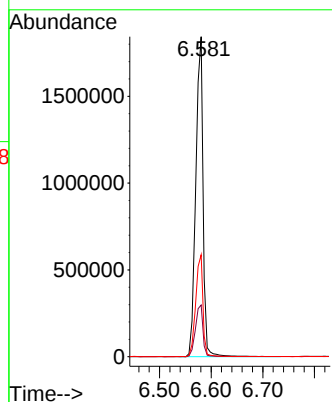
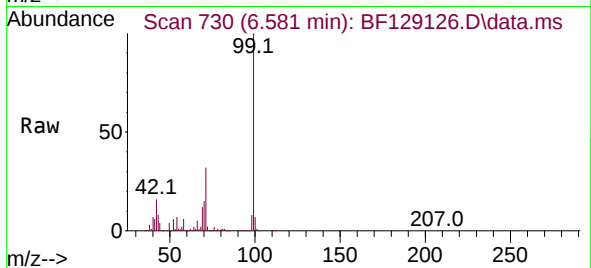




#7
Phenol-d6
Concen: 97.443 ng
RT: 6.581 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF129126.D
Acq: 05 Jul 2022 16:25

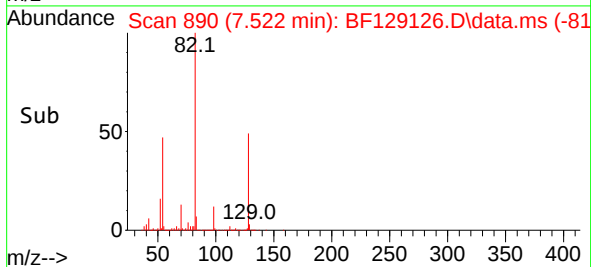
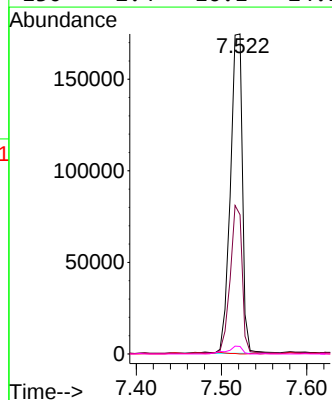
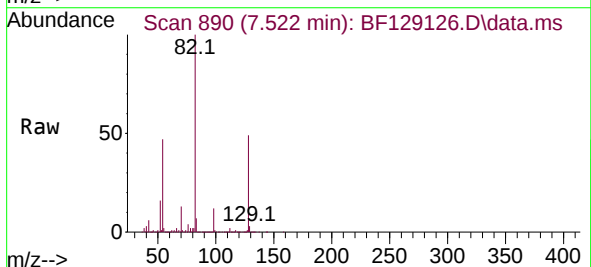
Instrument :
BNA_F
ClientSampleId :
WC-14B-11-1

Tgt Ion: 99 Resp: 1799002
Ion Ratio Lower Upper
99 100
42 16.2 17.3 25.9#
71 31.9 28.9 43.3



#19
n-Nitroso-di-n-propylamine
Concen: 16.182 ng
RT: 7.522 min Scan# 890
Delta R.T. 0.147 min
Lab File: BF129126.D
Acq: 05 Jul 2022 16:25

Tgt Ion: 70 Resp: 172819
Ion Ratio Lower Upper
70 100
42 43.5 52.3 78.5#
101 0.0 7.5 11.3#
130 2.4 16.1 24.1#

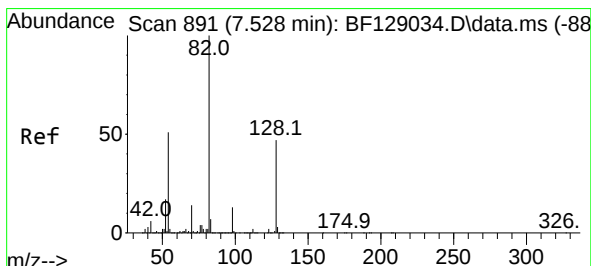
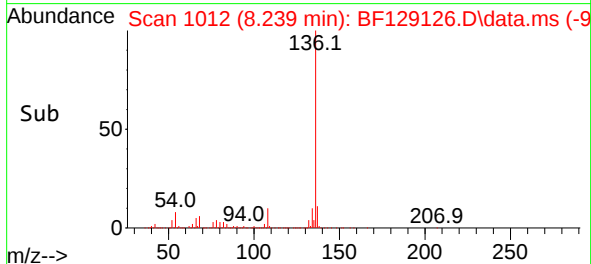
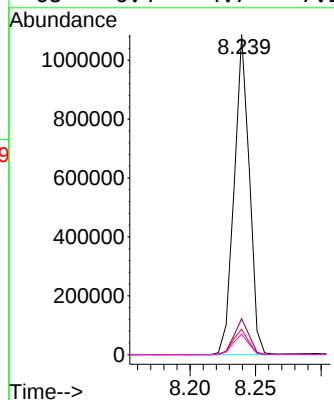
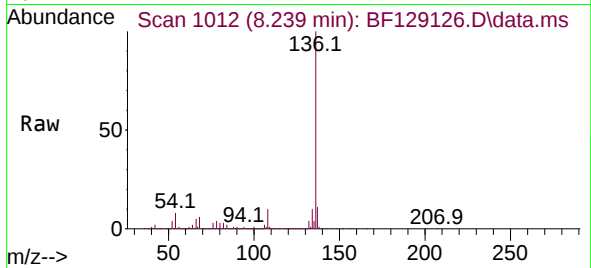




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.239 min Scan# 1013
Delta R.T. -0.006 min
Lab File: BF129126.D
Acq: 05 Jul 2022 16:25

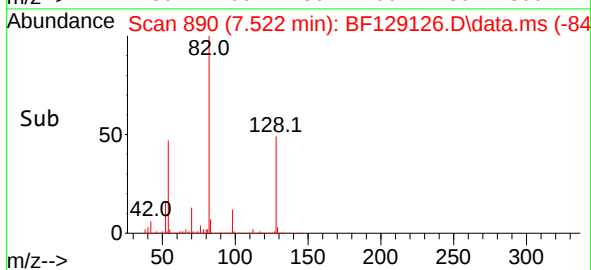
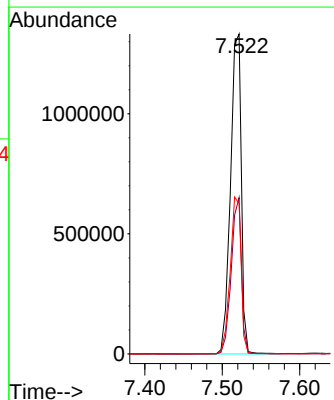
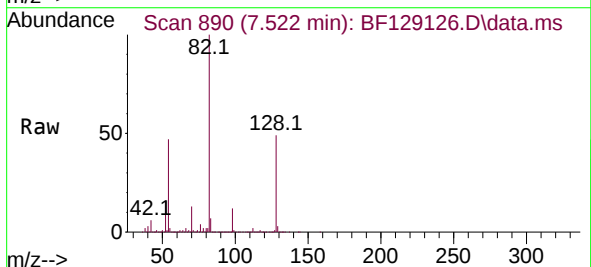
Instrument :
BNA_F
ClientSampleId :
WC-14B-11-1

Tgt Ion:136 Resp: 873878
Ion Ratio Lower Upper
136 100
137 11.2 8.8 13.2
54 8.0 7.5 11.3
68 6.4 4.7 7.1



#23
Nitrobenzene-d5
Concen: 88.713 ng
RT: 7.522 min Scan# 890
Delta R.T. -0.006 min
Lab File: BF129126.D
Acq: 05 Jul 2022 16:25

Tgt Ion: 82 Resp: 1299731
Ion Ratio Lower Upper
82 100
128 48.9 34.0 51.0
54 47.0 46.9 70.3

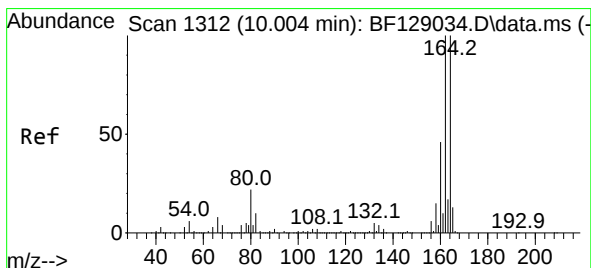
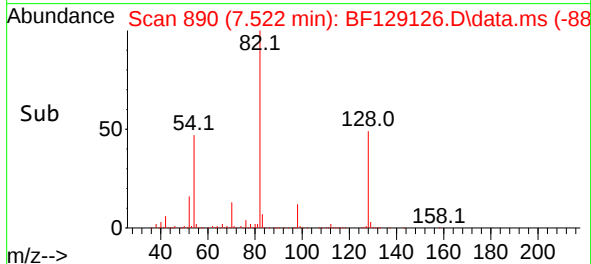
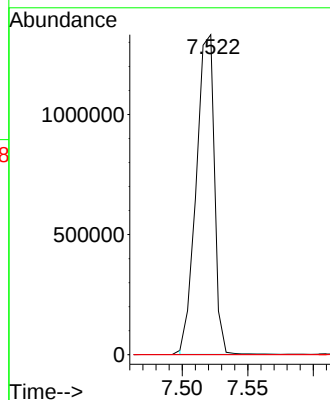
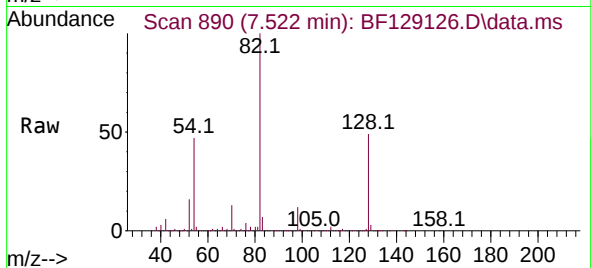




#25
Isophorone
Concen: 51.948 ng
RT: 7.522 min Scan# 89
Delta R.T. -0.271 min
Lab File: BF129126.D
Acq: 05 Jul 2022 16:25

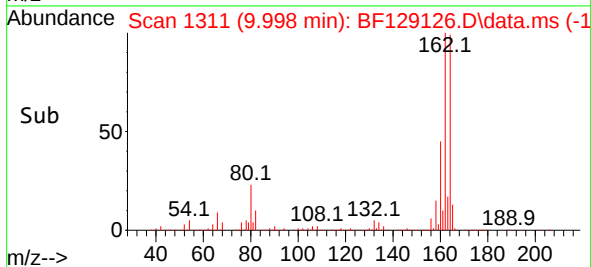
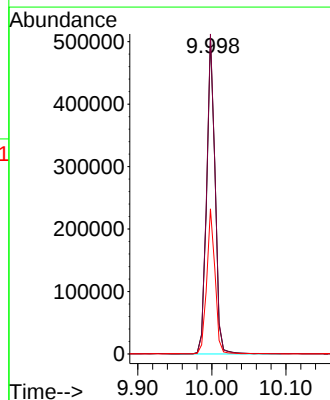
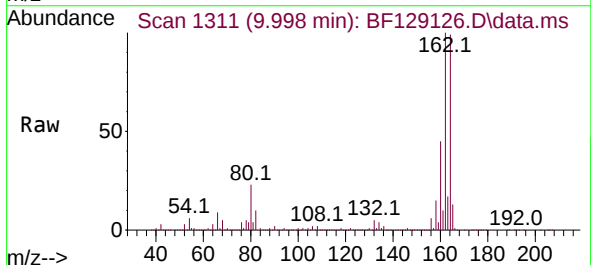
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ClientSampleId :
WC-14B-11-1

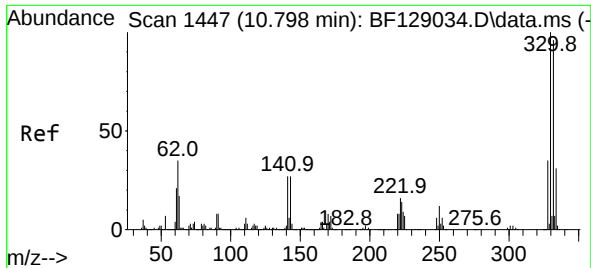
Tgt Ion: 82 Resp: 1286261
Ion Ratio Lower Upper
82 100
95 0.1 5.7 8.5#
138 0.0 14.2 21.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.998 min Scan# 1311
Delta R.T. -0.006 min
Lab File: BF129126.D
Acq: 05 Jul 2022 16:25

Tgt Ion:164 Resp: 402432
Ion Ratio Lower Upper
164 100
162 101.0 79.5 119.3
160 45.8 34.2 51.4

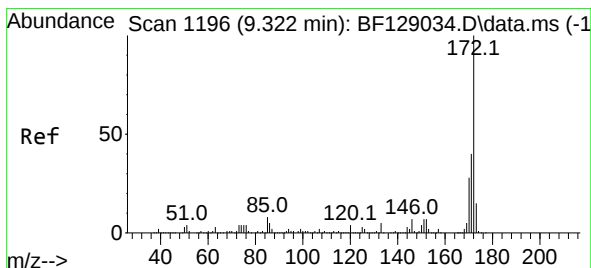
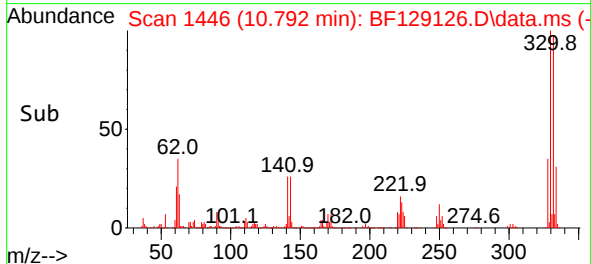
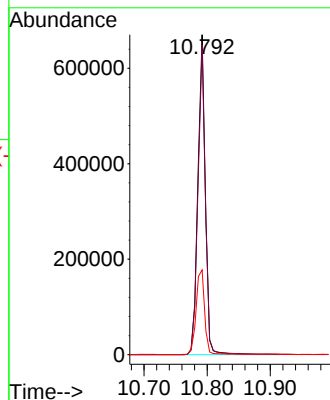
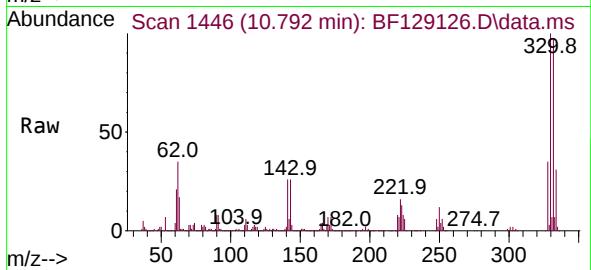




#42
2,4,6-Tribromophenol
Concen: 125.311 ng
RT: 10.792 min Scan# 1446
Delta R.T. -0.006 min
Lab File: BF129126.D
Acq: 05 Jul 2022 16:25

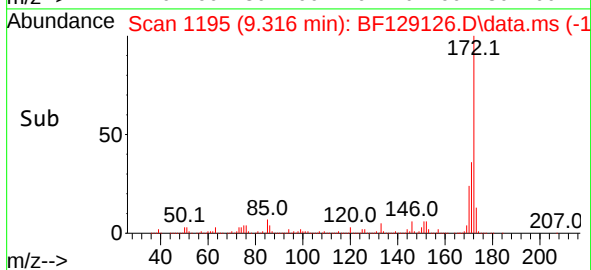
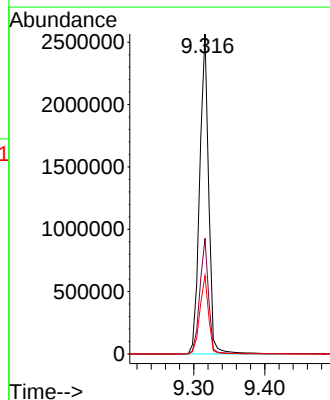
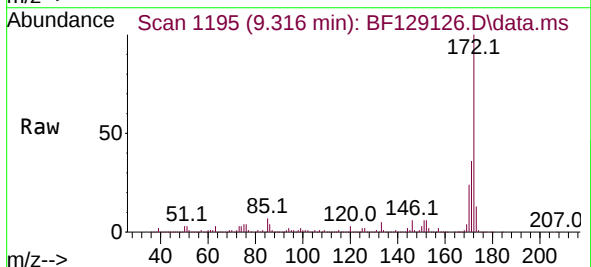
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WC-14B-11-1

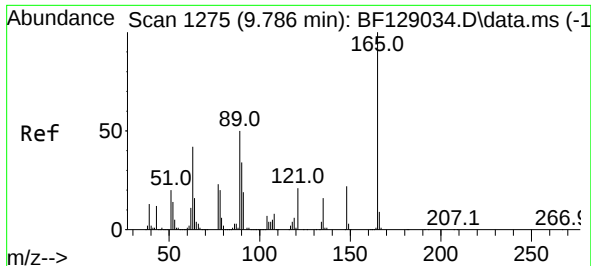
Tgt Ion: 330 Resp: 548344
Ion Ratio Lower Upper
330 100
332 96.4 76.8 115.2
141 30.4 28.0 42.0



#45
2-Fluorobiphenyl
Concen: 90.178 ng
RT: 9.316 min Scan# 1195
Delta R.T. -0.006 min
Lab File: BF129126.D
Acq: 05 Jul 2022 16:25

Tgt Ion: 172 Resp: 2268470
Ion Ratio Lower Upper
172 100
171 36.1 28.8 43.2
170 24.5 19.8 29.8

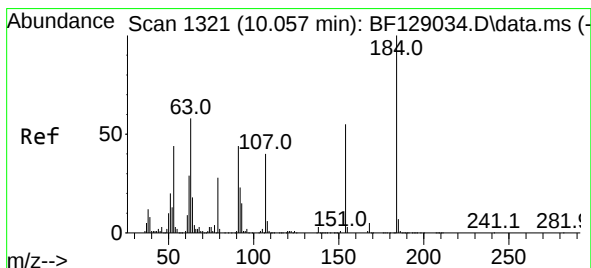
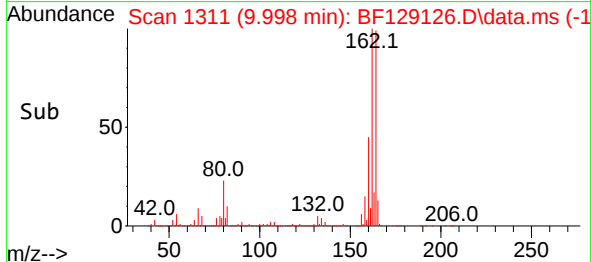
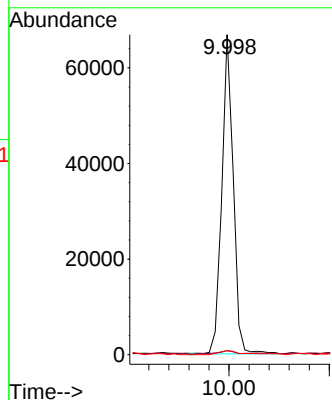
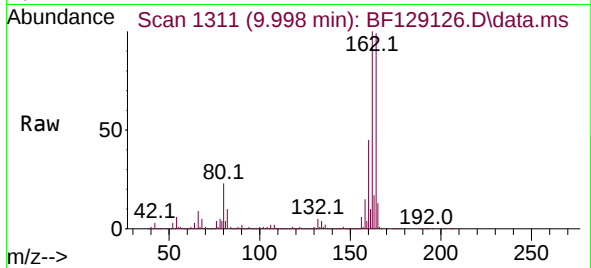




#51
2,6-Dinitrotoluene
Concen: 10.254 ng
RT: 9.998 min Scan# 11
Delta R.T. 0.212 min
Lab File: BF129126.D
Acq: 05 Jul 2022 16:25

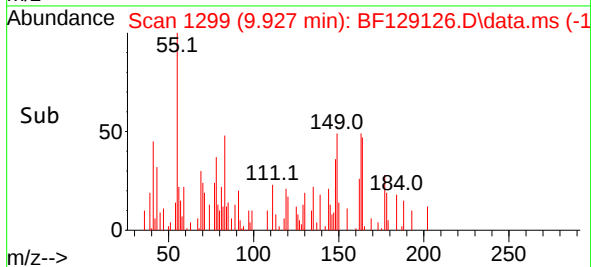
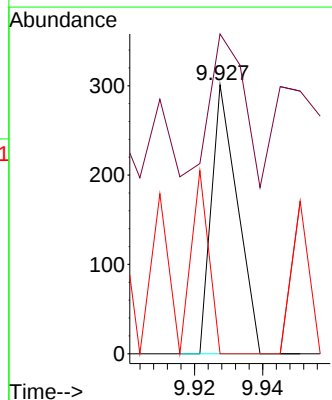
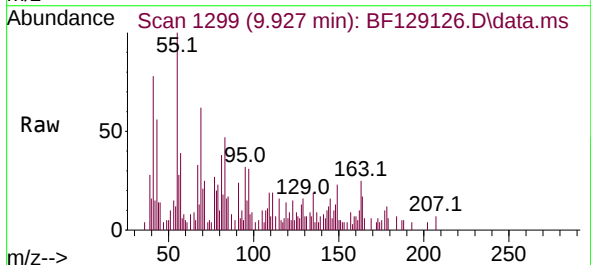
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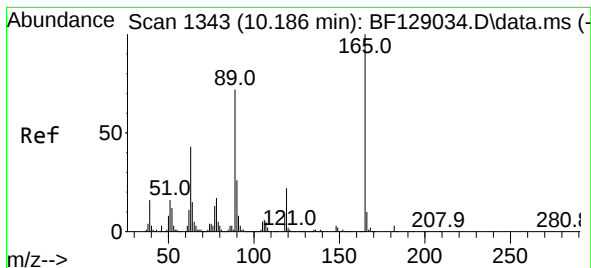
Tgt Ion:165 Resp: 52752
Ion Ratio Lower Upper
165 100
63 1.3 44.9 67.3#
89 1.2 43.6 65.4#



#54
2,4-Dinitrophenol
Concen: 6.918 ng
RT: 9.927 min Scan# 1299
Delta R.T. -0.130 min
Lab File: BF129126.D
Acq: 05 Jul 2022 16:25

Tgt Ion:184 Resp: 159
Ion Ratio Lower Upper
184 100
63 118.9 64.5 96.7#
154 0.0 50.6 75.8#

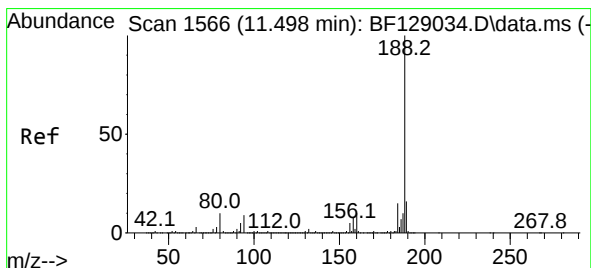
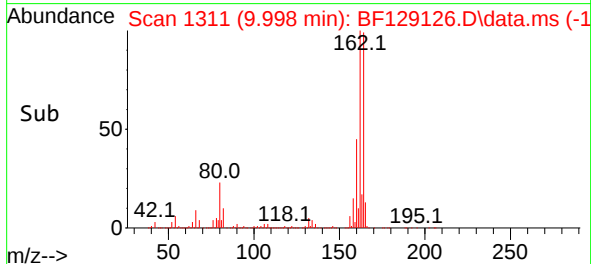
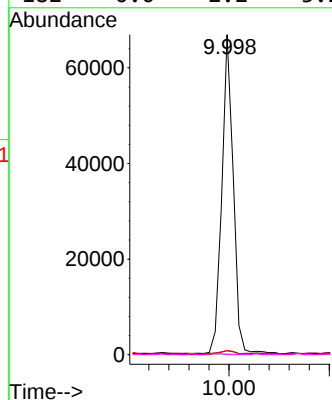
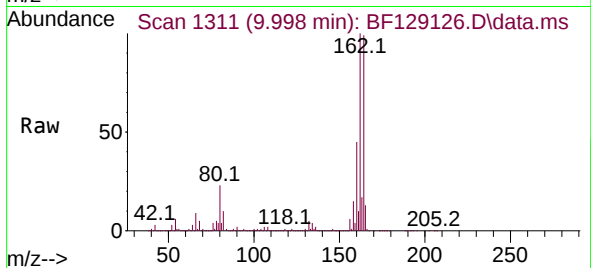




#57
2,4-Dinitrotoluene
Concen: 8.306 ng
RT: 9.998 min Scan# 11
Delta R.T. -0.188 min
Lab File: BF129126.D
Acq: 05 Jul 2022 16:25

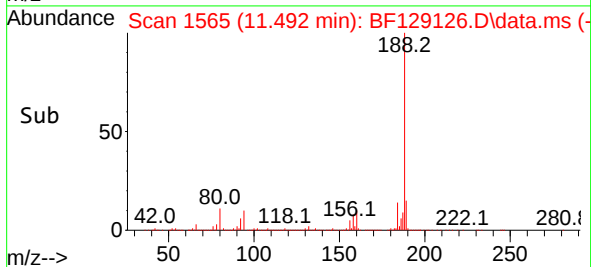
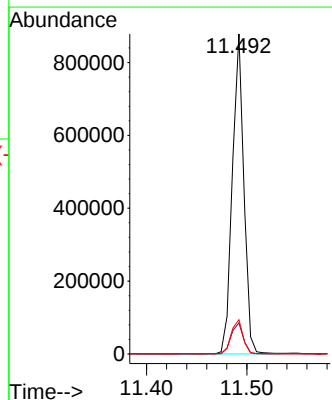
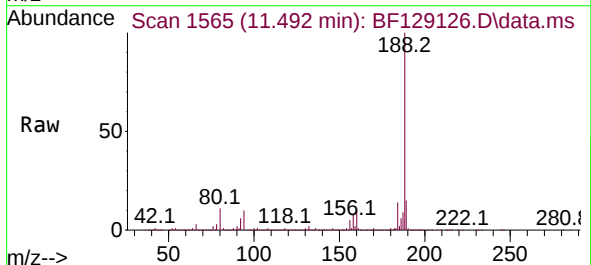
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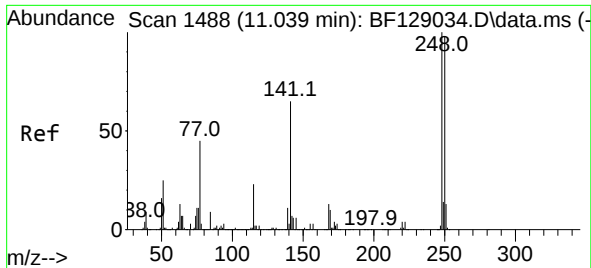
Tgt Ion:165 Resp: 52752
Ion Ratio Lower Upper
165 100
63 1.3 39.8 59.6#
89 1.2 60.2 90.2#
182 0.0 2.2 3.2#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.492 min Scan# 1565
Delta R.T. -0.006 min
Lab File: BF129126.D
Acq: 05 Jul 2022 16:25

Tgt Ion:188 Resp: 700079
Ion Ratio Lower Upper
188 100
94 9.7 7.0 10.6
80 10.7 7.6 11.4

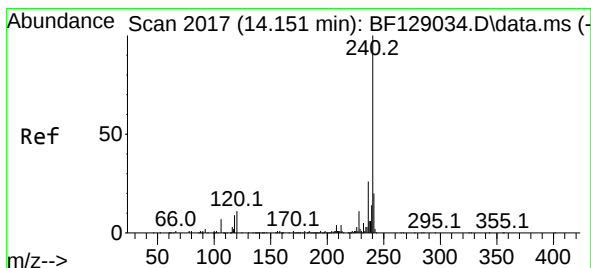
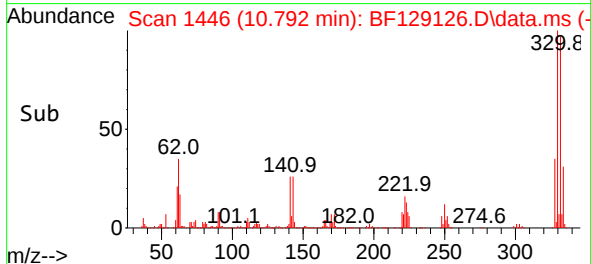
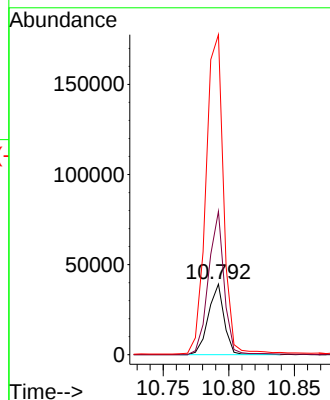
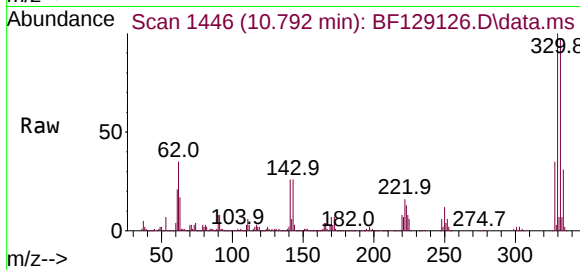




#67
4-Bromophenyl-phenylether
Concen: 4.439 ng
RT: 10.792 min Scan# 1488
Delta R.T. -0.247 min
Lab File: BF129126.D
Acq: 05 Jul 2022 16:25

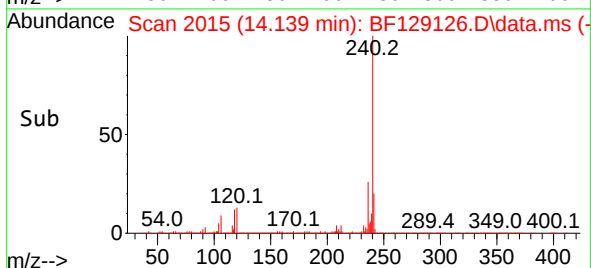
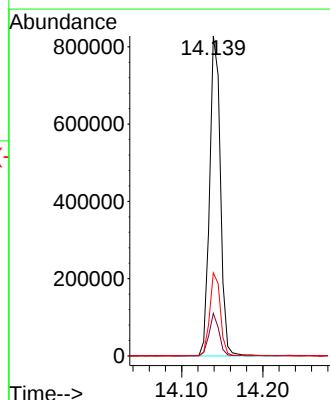
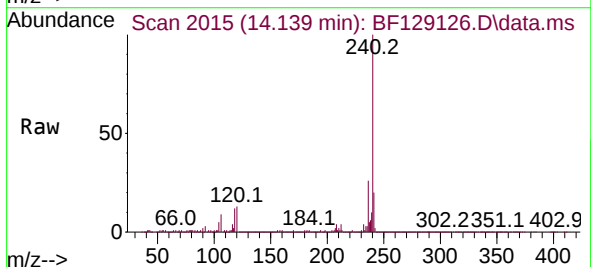
Instrument :
BNA_F
ClientSampleId :
WC-14B-11-1

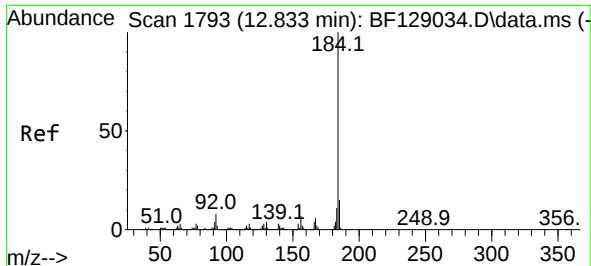
Tgt Ion:248 Resp: 33059
Ion Ratio Lower Upper
248 100
250 203.1 80.6 120.8#
141 453.2 58.9 88.3#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.139 min Scan# 2015
Delta R.T. -0.012 min
Lab File: BF129126.D
Acq: 05 Jul 2022 16:25

Tgt Ion:240 Resp: 760281
Ion Ratio Lower Upper
240 100
120 13.3 8.9 13.3
236 25.9 20.8 31.2

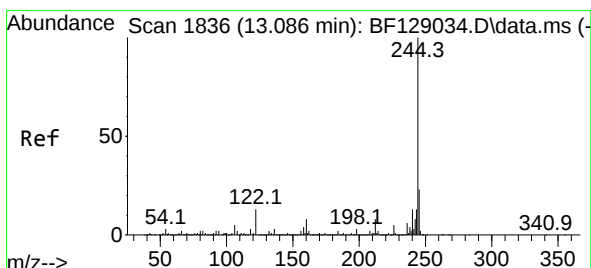
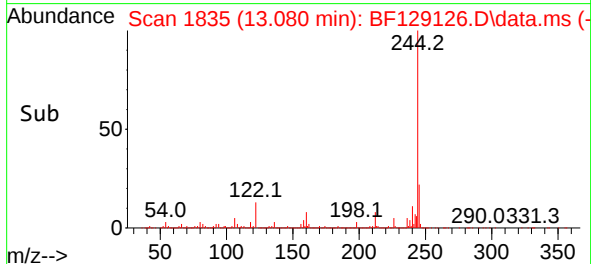
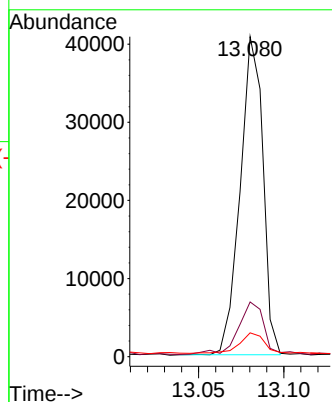
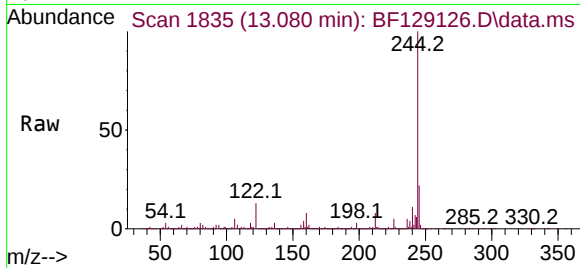




#77
Benzidine
Concen: 2.789 ng
RT: 13.080 min Scan# 1835
Delta R.T. 0.247 min
Lab File: BF129126.D
Acq: 05 Jul 2022 16:25

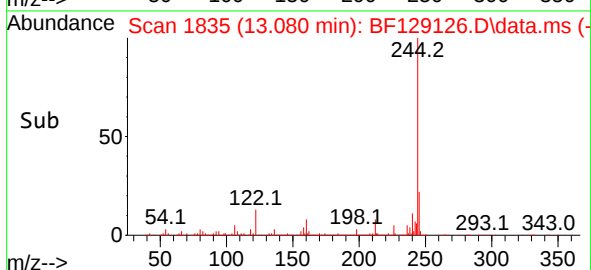
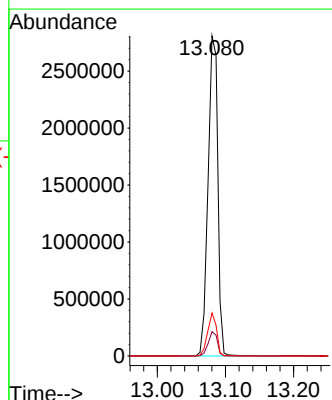
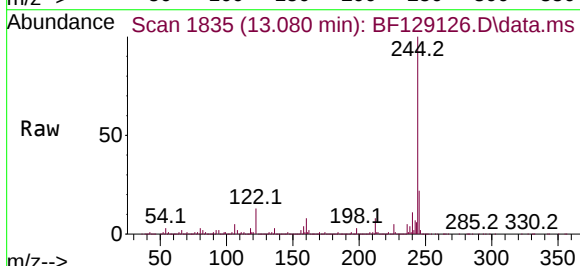
Instrument :
BNA_F
ClientSampleId :
WC-14B-11-1

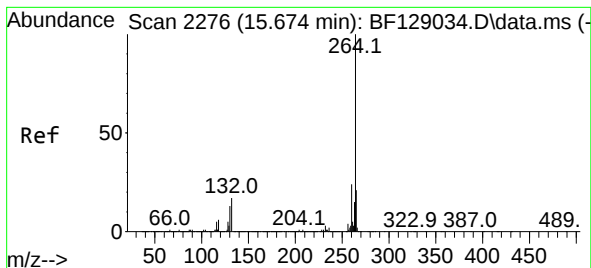
Tgt Ion:184 Resp: 37756
Ion Ratio Lower Upper
184 100
185 17.1 11.9 17.9
183 7.4 9.3 13.9#



#79
Terphenyl-d14
Concen: 76.374 ng
RT: 13.080 min Scan# 1835
Delta R.T. -0.006 min
Lab File: BF129126.D
Acq: 05 Jul 2022 16:25

Tgt Ion:244 Resp: 2796141
Ion Ratio Lower Upper
244 100
212 7.6 6.1 9.1
122 13.4 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: BF129126.D

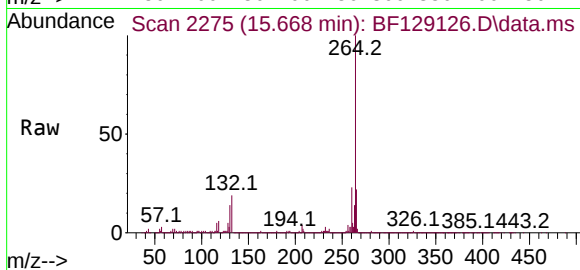
Acq: 05 Jul 2022 16:25

Instrument :

BNA_F

ClientSampleId :

WC-14B-11-1



Tgt Ion:264 Resp: 739929

Ion Ratio Lower Upper

264 100

260 22.9 18.4 27.6

265 21.8 17.2 25.8

