

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF083123\
 Data File : BF135057.D
 Acq On : 31 Aug 2023 23:37
 Operator : CG\JU
 Sample : 04152-01RE
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 COMPOSITE-1RE

Quant Time: Sep 01 01:54:03 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF083023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 31 03:48:08 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

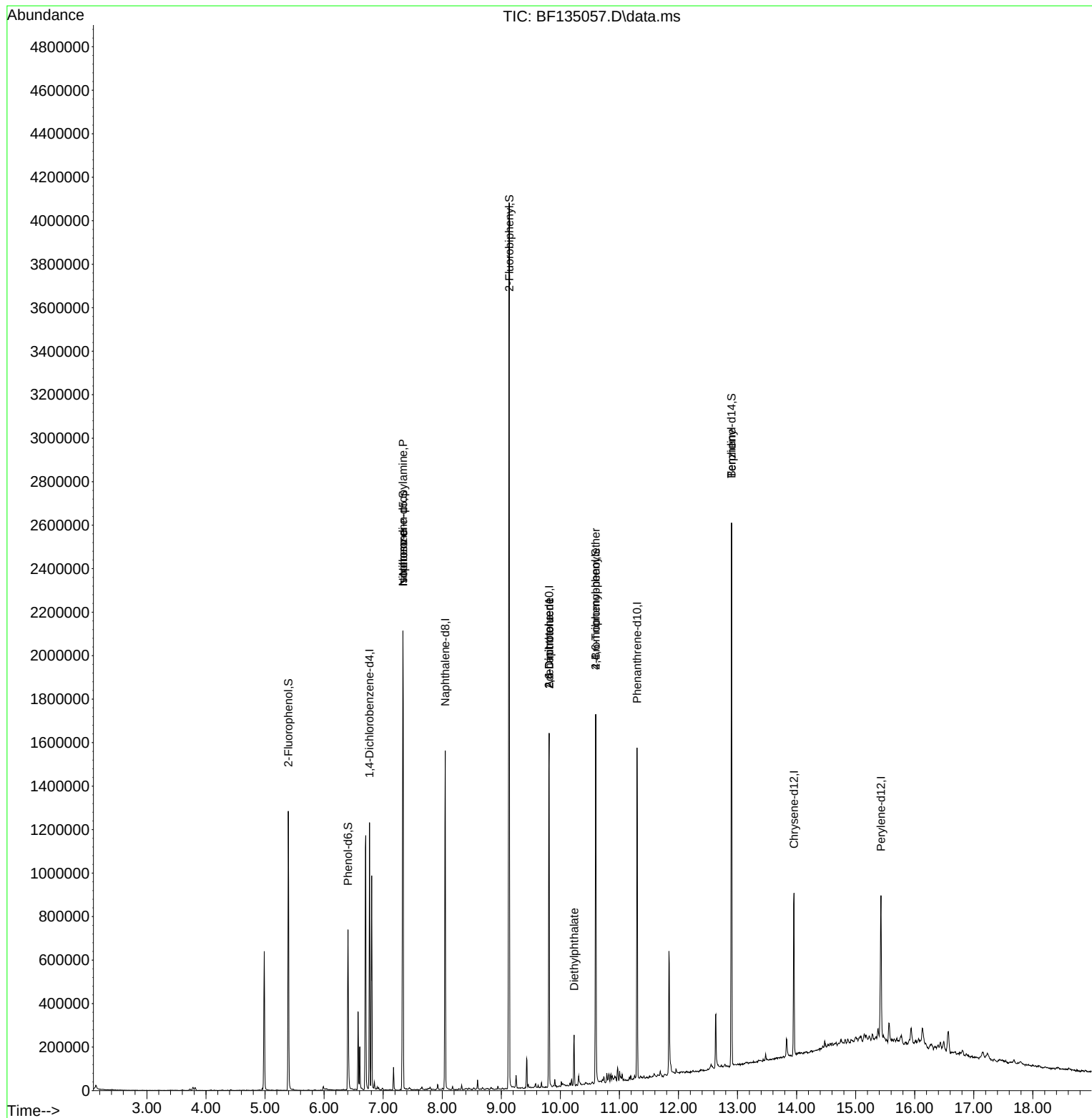
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.769	152	157620	20.000	ng	0.00
21) Naphthalene-d8	8.051	136	657757	20.000	ng	0.00
39) Acenaphthene-d10	9.810	164	321818	20.000	ng	0.00
64) Phenanthrene-d10	11.298	188	529571	20.000	ng	-0.01
76) Chrysene-d12	13.957	240	258119	20.000	ng	# 0.00
86) Perylene-d12	15.427	264	309159	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.393	112	330273	32.366	ng	0.00
7) Phenol-d6	6.404	99	258769	20.345	ng	-0.01
23) Nitrobenzene-d5	7.334	82	742303	63.402	ng	-0.01
42) 2,4,6-Tribromophenol	10.598	330	199120	58.328	ng	-0.01
45) 2-Fluorobiphenyl	9.134	172	1302942	65.917	ng	0.00
79) Terphenyl-d14	12.898	244	836218	52.868	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.334	70	100572	13.312	ng	# 81
25) Isophorone	7.334	82	740915	33.378	ng	# 65
51) 2,6-Dinitrotoluene	9.810	165	41518	8.397	ng	# 22
57) 2,4-Dinitrotoluene	9.810	165	41518	6.738	ng	# 20
60) Diethylphthalate	10.234	149	77037	3.632	ng	98
67) 4-Bromophenyl-phenylether	10.598	248	12095	2.153	ng	# 1
69) Atrazine	11.192	200	189	Below Cal		# 1
77) Benzidine	12.898	184	10983	2.360	ng	95

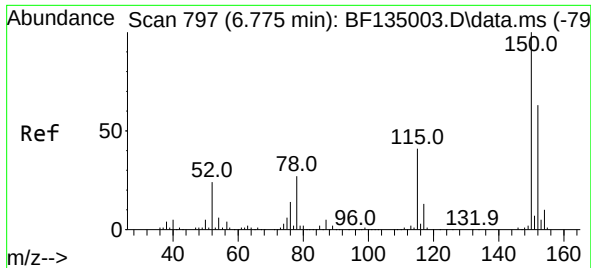
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF083123\
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Sample : 04152-01RE
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
COMPOSITE-1RE

Quant Time: Sep 01 01:54:03 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF083023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 31 03:48:08 2023
Response via : Initial Calibration

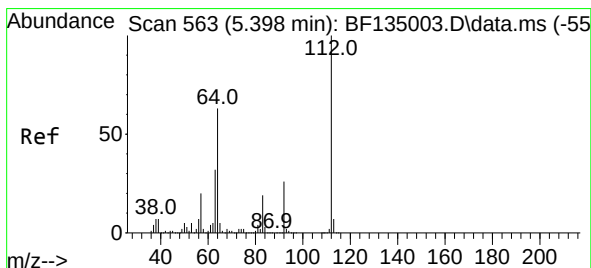
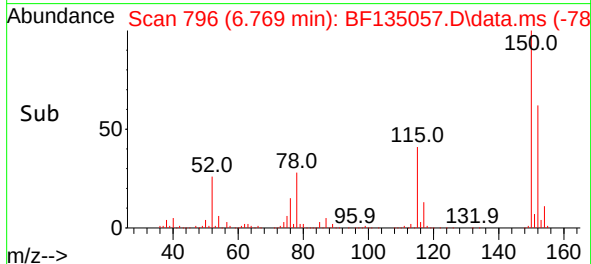
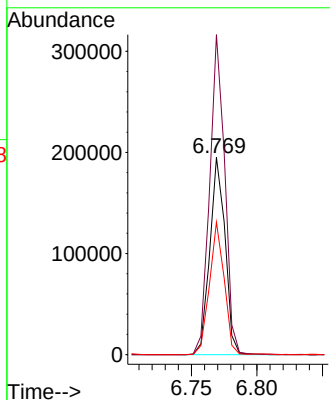
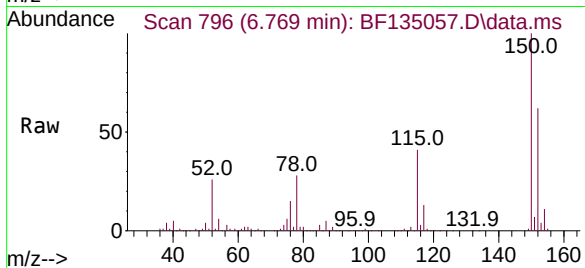




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.769 min Scan# 797
Delta R.T. -0.006 min
Lab File: BF135057.D
Acq: 31 Aug 2023 23:37

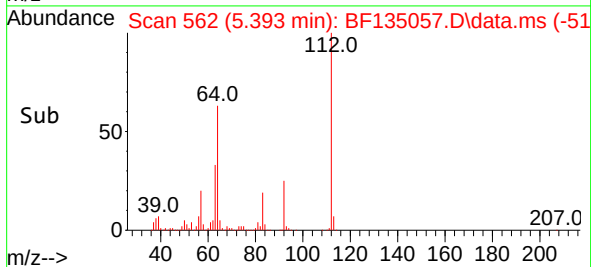
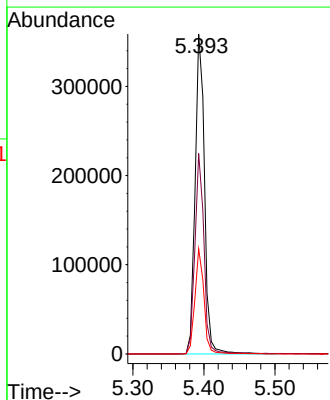
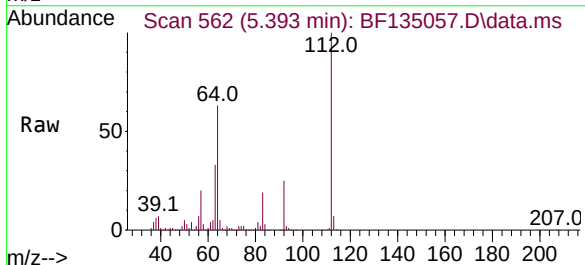
Instrument :
BNA_F
ClientSampleId :
COMPOSITE-1RE

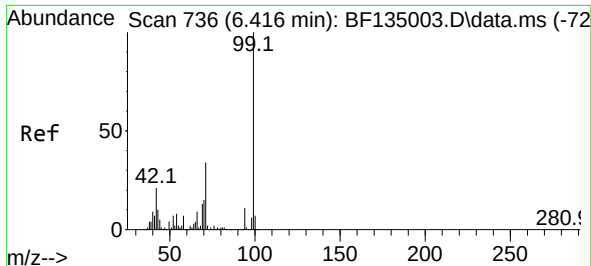
Tgt Ion:152 Resp: 157620
Ion Ratio Lower Upper
152 100
150 162.2 126.2 189.4
115 67.1 51.2 76.8



#5
2-Fluorophenol
Concen: 32.366 ng
RT: 5.393 min Scan# 562
Delta R.T. -0.006 min
Lab File: BF135057.D
Acq: 31 Aug 2023 23:37

Tgt Ion:112 Resp: 330273
Ion Ratio Lower Upper
112 100
64 62.6 50.5 75.7
63 32.8 25.9 38.9

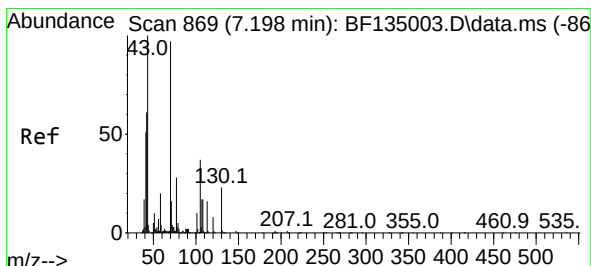
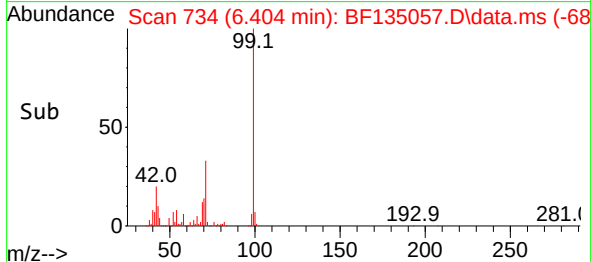
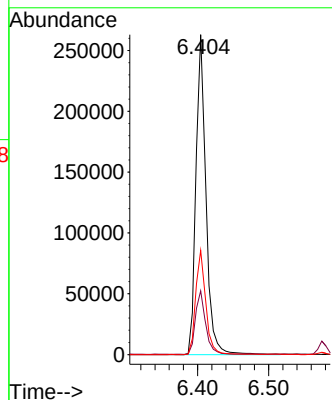
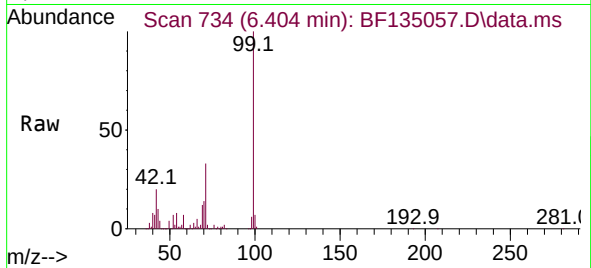




#7
Phenol-d6
Concen: 20.345 ng
RT: 6.404 min Scan# 734
Delta R.T. -0.012 min
Lab File: BF135057.D
Acq: 31 Aug 2023 23:37

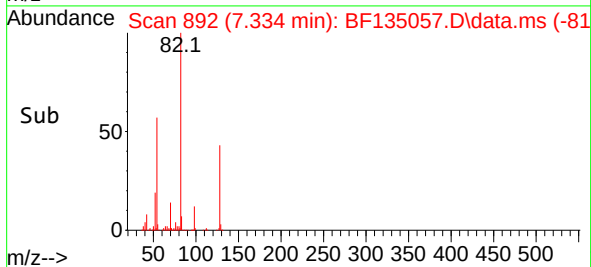
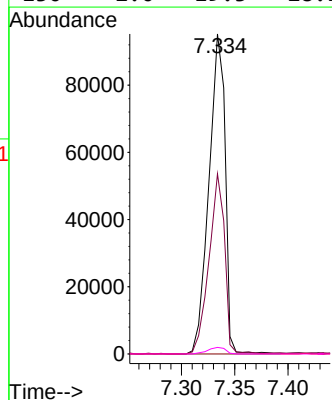
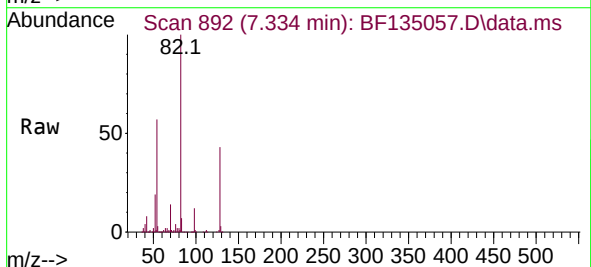
Instrument :
BNA_F
ClientSampleId :
COMPOSITE-1RE

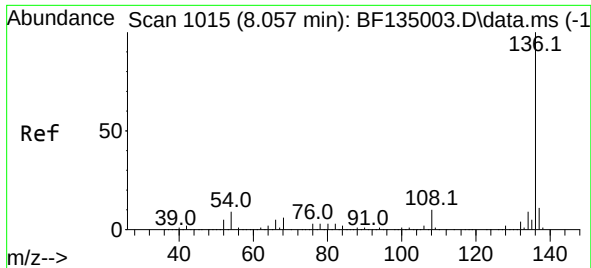
Tgt Ion: 99 Resp: 258769
Ion Ratio Lower Upper
99 100
42 19.9 16.6 25.0
71 32.6 27.0 40.6



#19
n-Nitroso-di-n-propylamine
Concen: 13.312 ng
RT: 7.334 min Scan# 892
Delta R.T. 0.135 min
Lab File: BF135057.D
Acq: 31 Aug 2023 23:37

Tgt Ion: 70 Resp: 100572
Ion Ratio Lower Upper
70 100
42 56.3 50.2 75.4
101 0.0 8.1 12.1#
130 2.0 19.3 28.9#

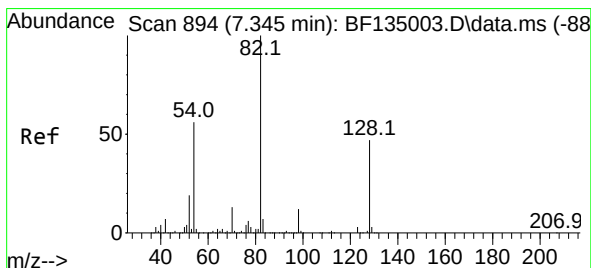
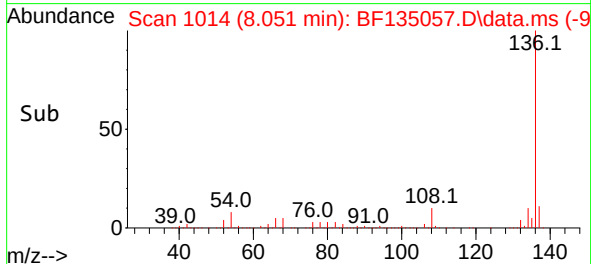
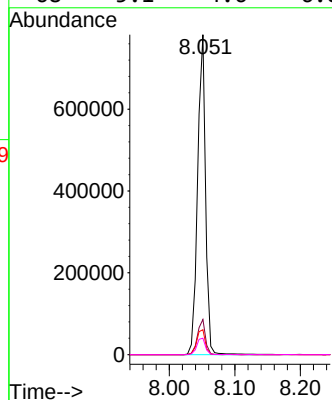
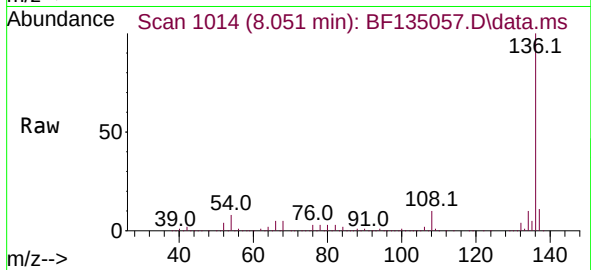




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.051 min Scan# 1014
Delta R.T. -0.006 min
Lab File: BF135057.D
Acq: 31 Aug 2023 23:37

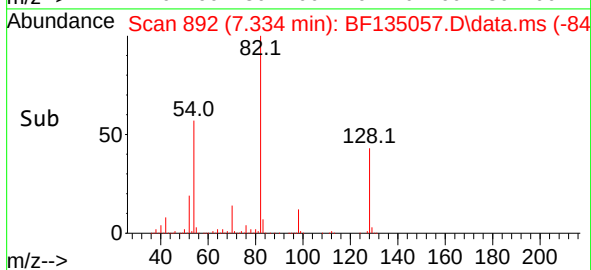
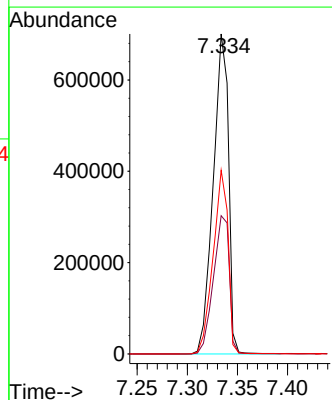
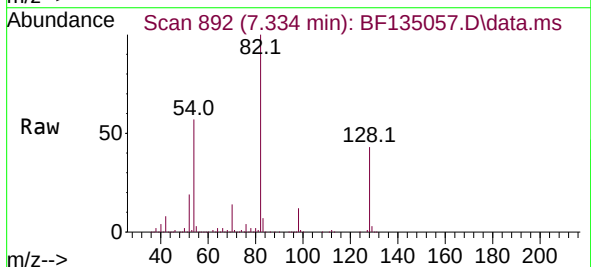
Instrument :
BNA_F
ClientSampleId :
COMPOSITE-1RE

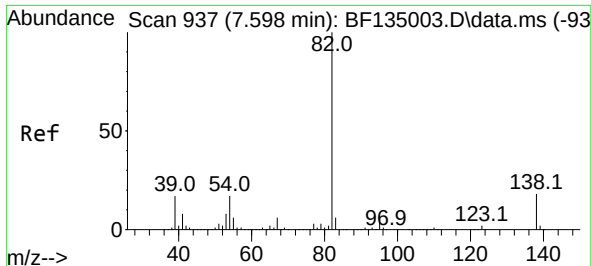
Tgt Ion:136	Resp: 657757
Ion Ratio	Lower Upper
136 100	
137 11.0	8.8 13.2
54 7.8	7.0 10.4
68 5.1	4.6 6.8



#23
Nitrobenzene-d5
Concen: 63.402 ng
RT: 7.334 min Scan# 892
Delta R.T. -0.012 min
Lab File: BF135057.D
Acq: 31 Aug 2023 23:37

Tgt Ion: 82	Resp: 742303
Ion Ratio	Lower Upper
82 100	
128 43.2	37.8 56.8
54 57.4	45.0 67.6

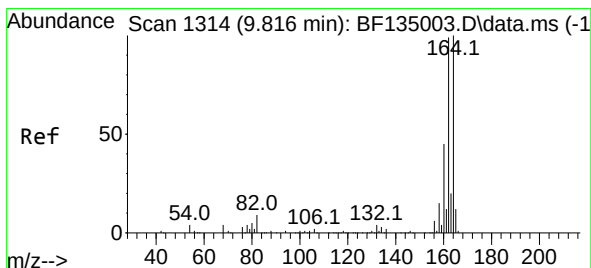
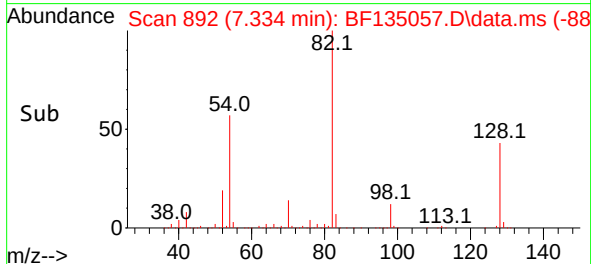
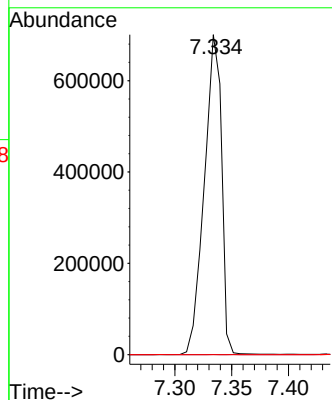
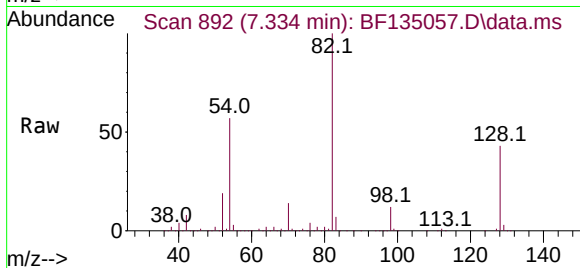




#25
Isophorone
Concen: 33.378 ng
RT: 7.334 min Scan# 89
Delta R.T. -0.265 min
Lab File: BF135057.D
Acq: 31 Aug 2023 23:37

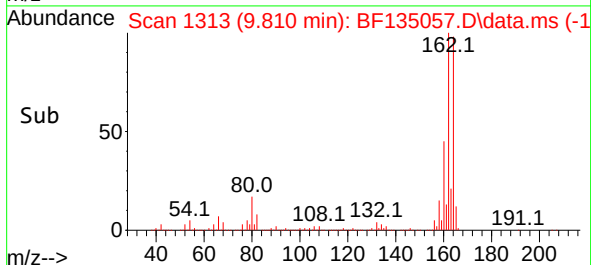
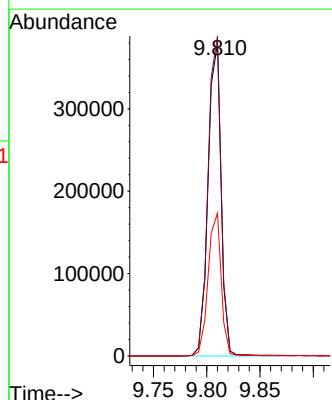
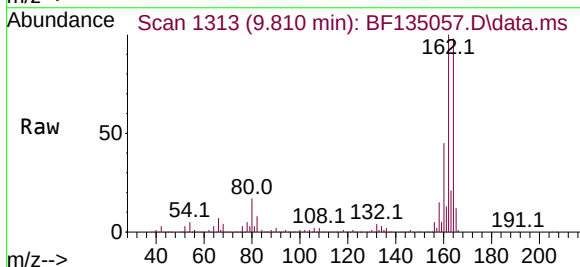
Instrument :
BNA_F
ClientSampleId :
COMPOSITE-1RE

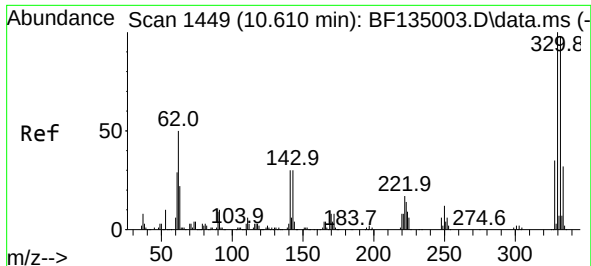
Tgt Ion: 82 Resp: 740915
Ion Ratio Lower Upper
82 100
95 0.0 5.6 8.4#
138 0.0 14.7 22.1#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.810 min Scan# 1313
Delta R.T. -0.006 min
Lab File: BF135057.D
Acq: 31 Aug 2023 23:37

Tgt Ion:164 Resp: 321818
Ion Ratio Lower Upper
164 100
162 102.4 79.5 119.3
160 45.7 36.0 54.0





#42

2,4,6-Tribromophenol

Concen: 58.328 ng

RT: 10.598 min Scan# 1447

Delta R.T. -0.012 min

Lab File: BF135057.D

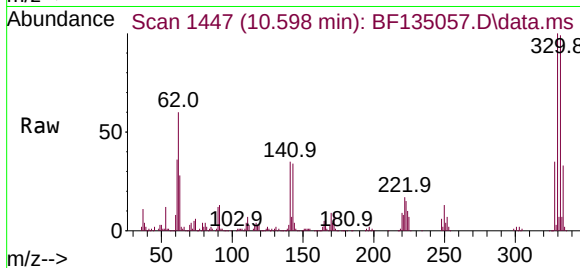
Acq: 31 Aug 2023 23:37

Instrument :

BNA_F

ClientSampleId :

COMPOSITE-1RE



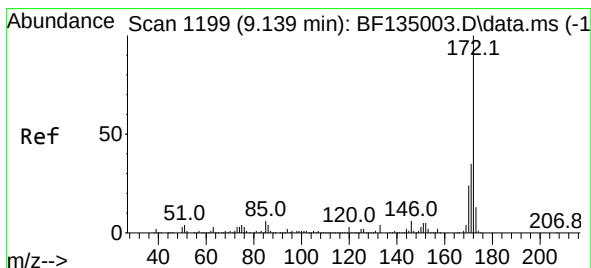
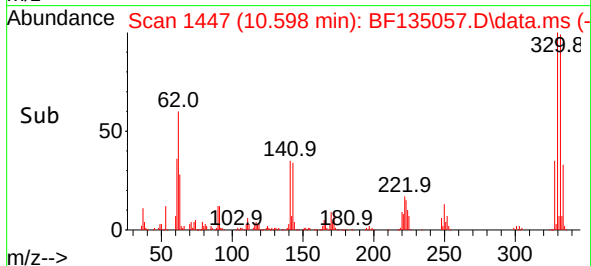
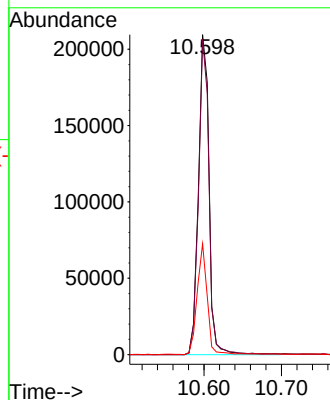
Tgt Ion:330 Resp: 199120

Ion Ratio Lower Upper

330 100

332 96.8 77.6 116.4

141 32.5 26.3 39.5



#45

2-Fluorobiphenyl

Concen: 65.917 ng

RT: 9.134 min Scan# 1198

Delta R.T. -0.006 min

Lab File: BF135057.D

Acq: 31 Aug 2023 23:37

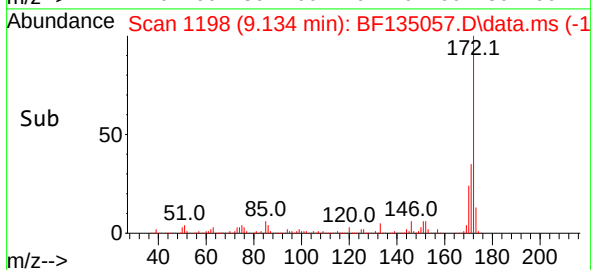
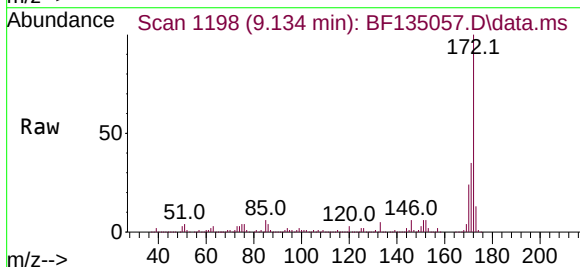
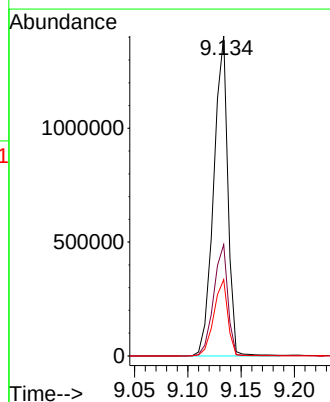
Tgt Ion:172 Resp: 1302942

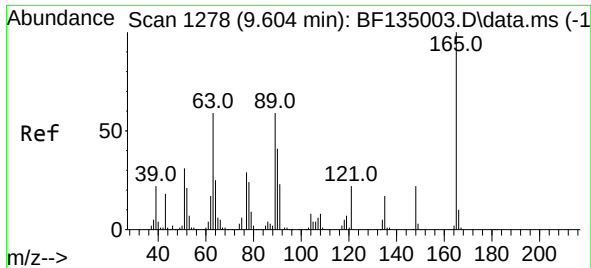
Ion Ratio Lower Upper

172 100

171 34.8 28.2 42.2

170 23.8 19.0 28.4

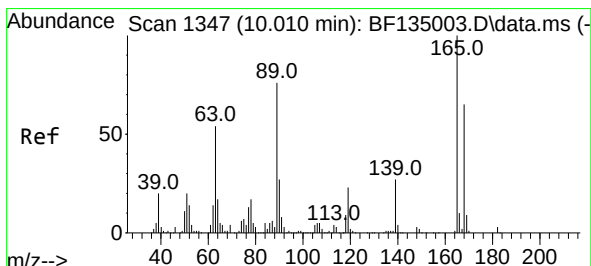
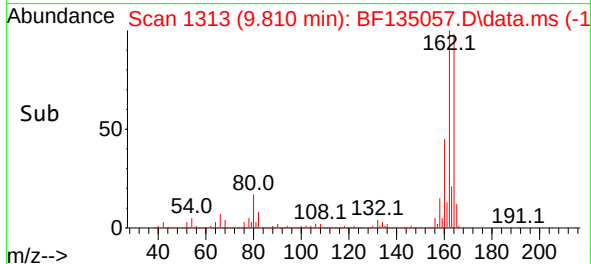
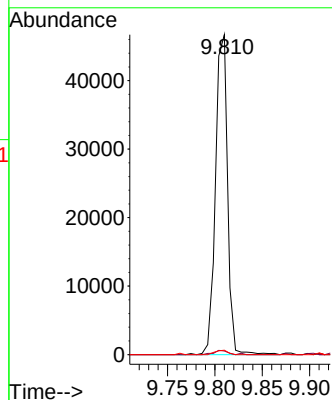
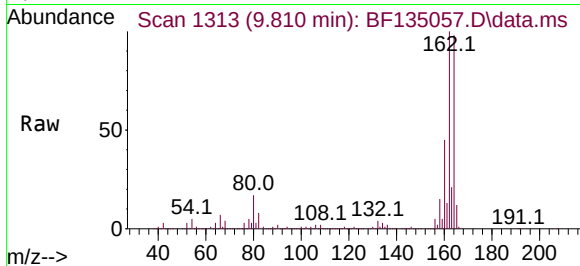




#51
2,6-Dinitrotoluene
Concen: 8.397 ng
RT: 9.810 min Scan# 1313
Delta R.T. 0.206 min
Lab File: BF135057.D
Acq: 31 Aug 2023 23:37

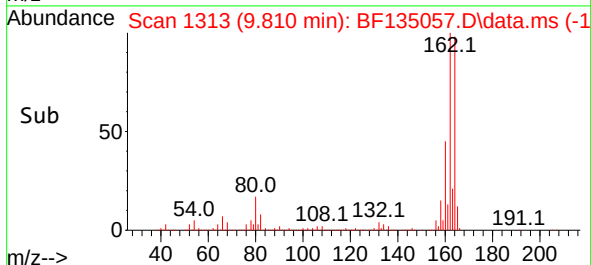
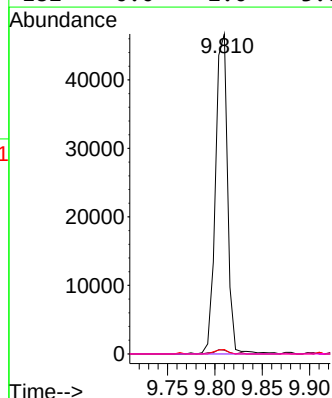
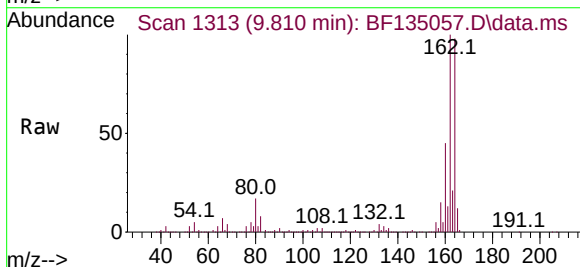
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COMPOSITE-1RE

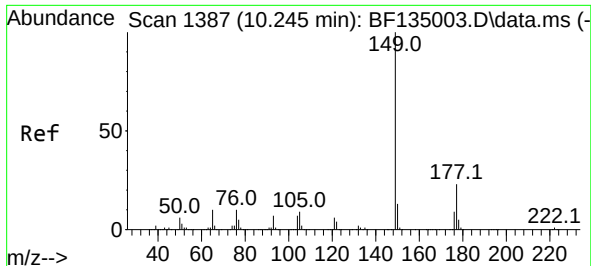
Tgt Ion:165 Resp: 41518
Ion Ratio Lower Upper
165 100
63 1.1 50.4 75.6#
89 1.4 47.1 70.7#



#57
2,4-Dinitrotoluene
Concen: 6.738 ng
RT: 9.810 min Scan# 1313
Delta R.T. -0.200 min
Lab File: BF135057.D
Acq: 31 Aug 2023 23:37

Tgt Ion:165 Resp: 41518
Ion Ratio Lower Upper
165 100
63 1.1 43.2 64.8#
89 1.4 60.8 91.2#
182 0.0 2.0 3.0#

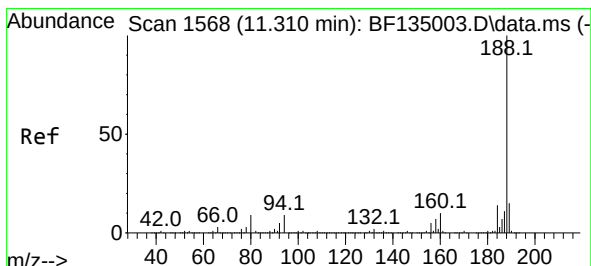
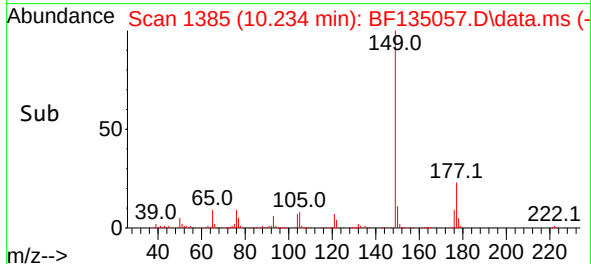
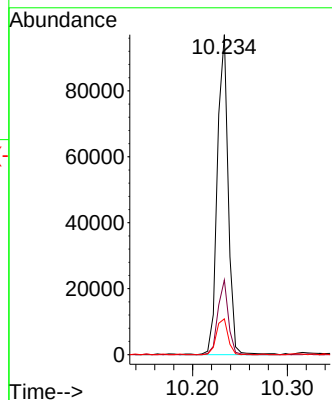
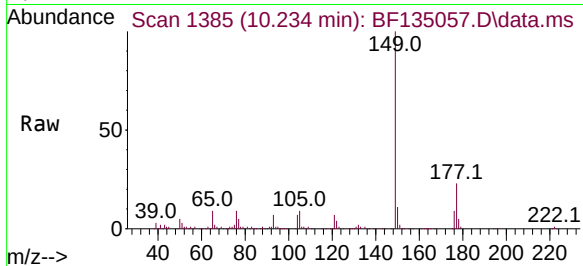




#60
Diethylphthalate
Concen: 3.632 ng
RT: 10.234 min Scan# 1385
Delta R.T. -0.012 min
Lab File: BF135057.D
Acq: 31 Aug 2023 23:37

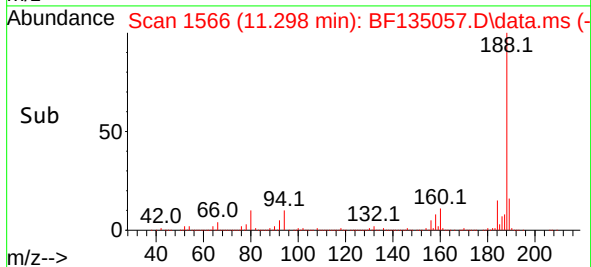
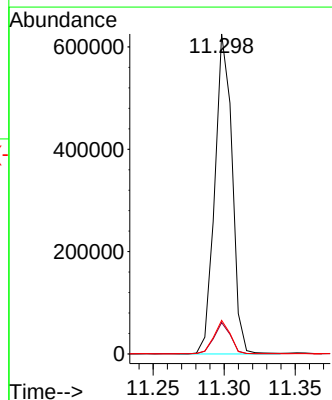
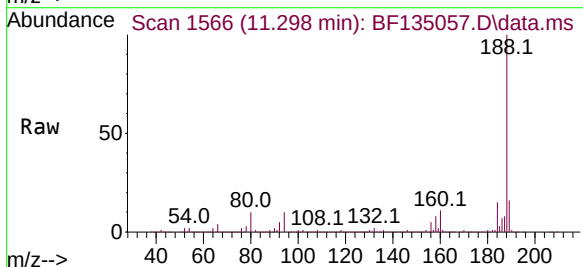
Instrument :
BNA_F
ClientSampleId :
COMPOSITE-1RE

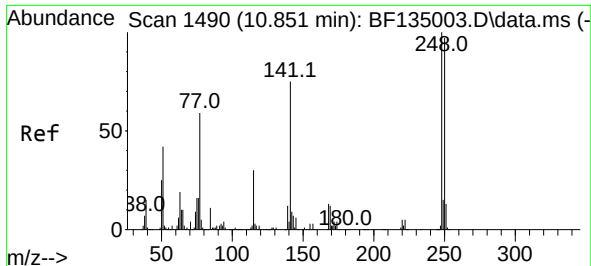
Tgt Ion:149 Resp: 77037
Ion Ratio Lower Upper
149 100
177 23.3 18.5 27.7
150 11.2 10.1 15.1



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.298 min Scan# 1566
Delta R.T. -0.012 min
Lab File: BF135057.D
Acq: 31 Aug 2023 23:37

Tgt Ion:188 Resp: 529571
Ion Ratio Lower Upper
188 100
94 9.8 7.0 10.4
80 10.5 7.4 11.2

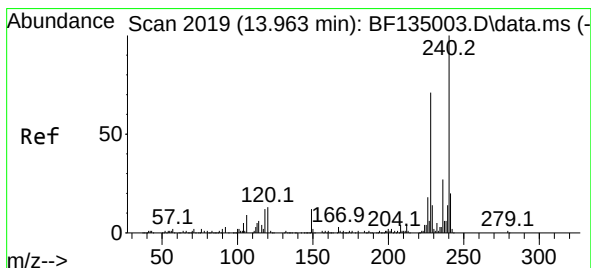
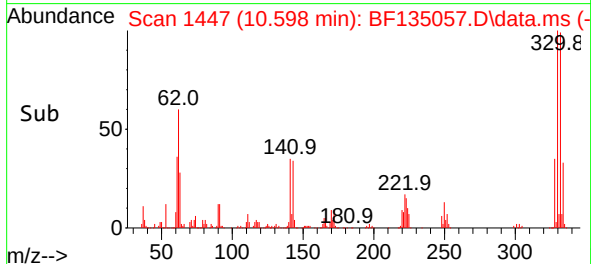
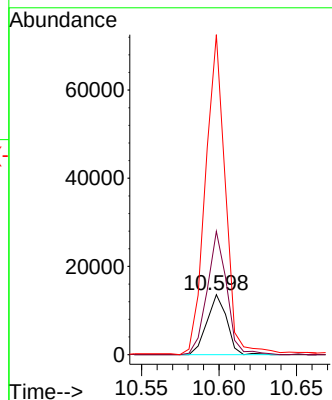
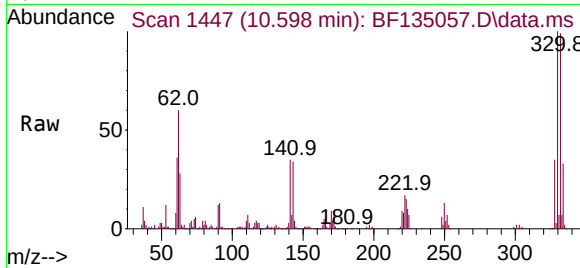




#67
4-Bromophenyl-phenylether
Concen: 2.153 ng
RT: 10.598 min Scan# 1490
Delta R.T. -0.253 min
Lab File: BF135057.D
Acq: 31 Aug 2023 23:37

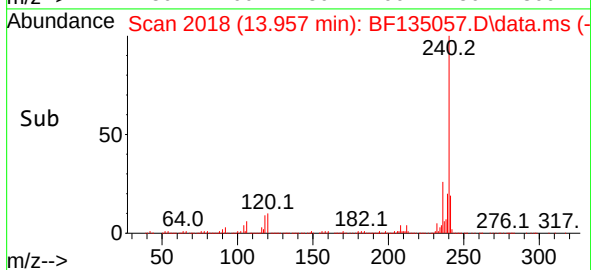
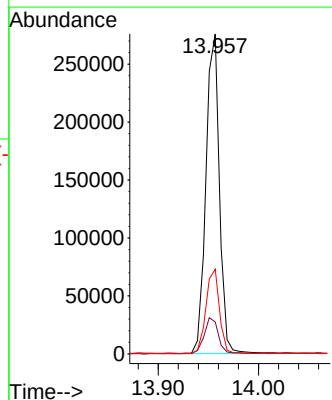
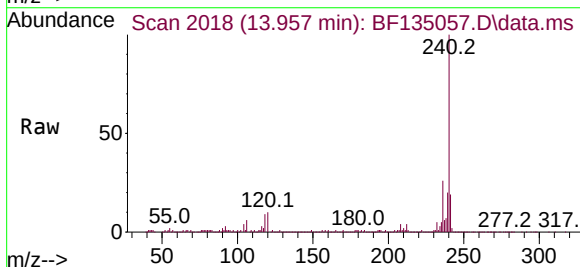
Instrument :
BNA_F
ClientSampleId :
COMPOSITE-1RE

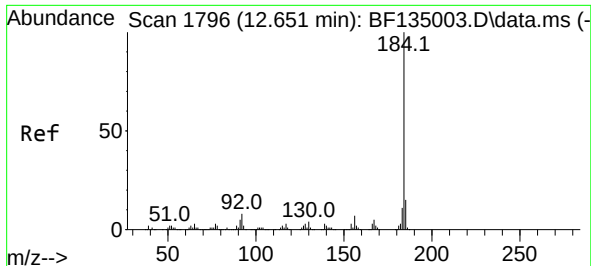
Tgt Ion:248 Resp: 12095
Ion Ratio Lower Upper
248 100
250 205.5 77.9 116.9#
141 533.4 59.8 89.8#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.957 min Scan# 2018
Delta R.T. -0.006 min
Lab File: BF135057.D
Acq: 31 Aug 2023 23:37

Tgt Ion:240 Resp: 258119
Ion Ratio Lower Upper
240 100
120 10.0 10.2 15.2#
236 26.5 21.3 31.9

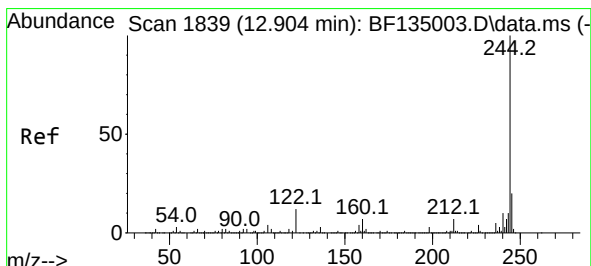
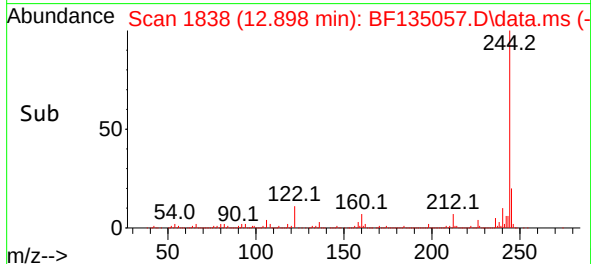
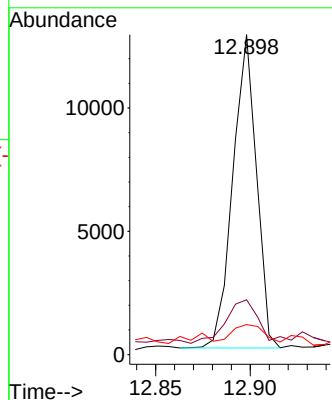
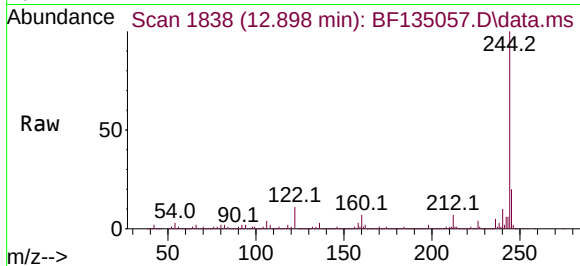




#77
Benzidine
Concen: 2.360 ng
RT: 12.898 min Scan# 1838
Delta R.T. 0.247 min
Lab File: BF135057.D
Acq: 31 Aug 2023 23:37

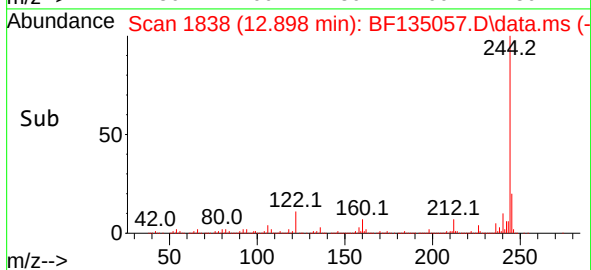
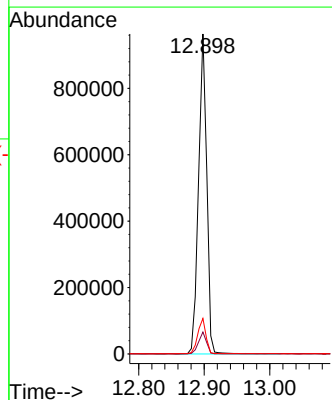
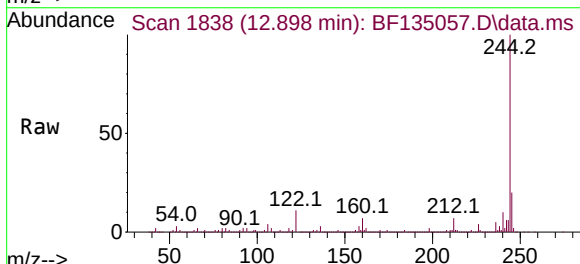
Instrument :
BNA_F
ClientSampleId :
COMPOSITE-1RE

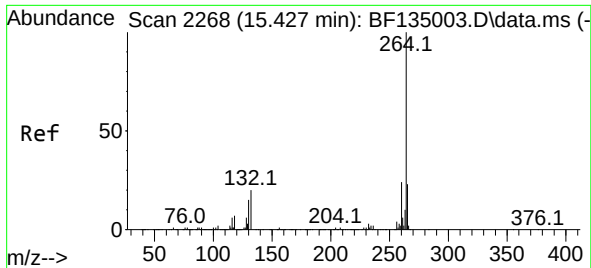
Tgt Ion:184 Resp: 10983
Ion Ratio Lower Upper
184 100
185 17.1 12.0 18.0
183 9.4 9.0 13.6



#79
Terphenyl-d14
Concen: 52.868 ng
RT: 12.898 min Scan# 1838
Delta R.T. -0.006 min
Lab File: BF135057.D
Acq: 31 Aug 2023 23:37

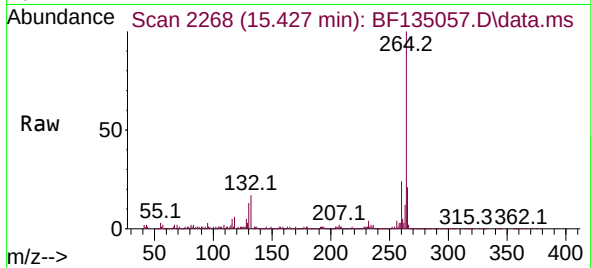
Tgt Ion:244 Resp: 836218
Ion Ratio Lower Upper
244 100
212 6.8 5.6 8.4
122 11.1 9.8 14.6





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.427 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BF135057.D
 Acq: 31 Aug 2023 23:37

Instrument :
 BNA_F
 ClientSampleId :
 COMPOSITE-1RE



Tgt Ion:264 Resp: 309159
 Ion Ratio Lower Upper
 264 100
 260 24.2 19.0 28.6
 265 21.1 18.2 27.2

