

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050521\
 Data File : BF123826.D
 Acq On : 5 May 2021 14:24
 Operator : JU/CG
 Sample : M2275-01
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CC-STONES

Quant Time: May 05 14:52:09 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF042721.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 05 13:09:28 2021
 Response via : Initial Calibration

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

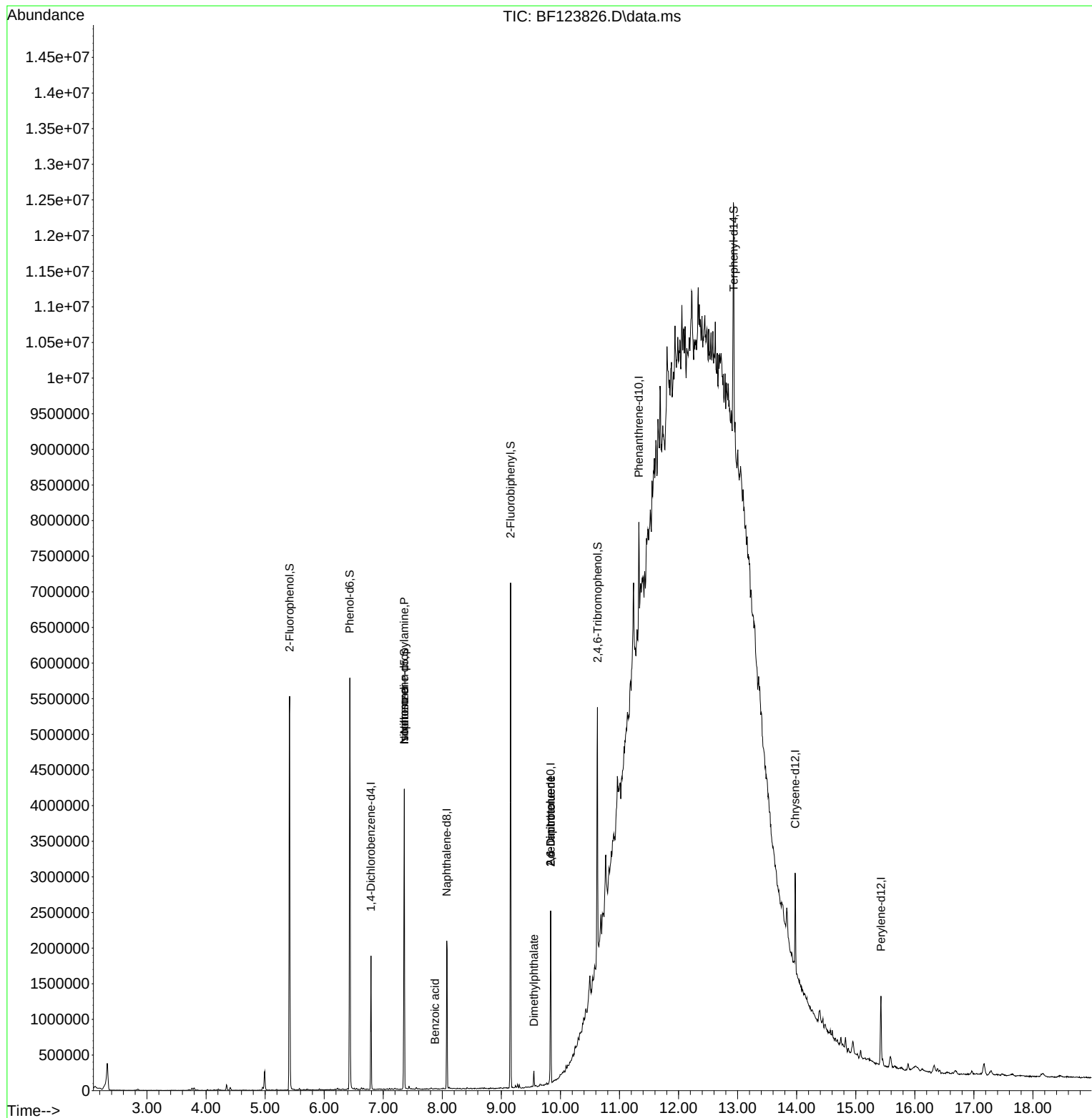
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.792	152	224891	20.00	ng	0.00
21) Naphthalene-d8	8.075	136	859111	20.00	ng	# 0.00
39) Acenaphthene-d10	9.833	164	427246	20.00	ng	0.00
64) Phenanthrene-d10	11.327	188	603604	20.00	ng	# 0.00
76) Chrysene-d12	13.974	240	458011	20.00	ng	# 0.00
86) Perylene-d12	15.427	264	433201	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.416	112	1327501	93.52	ng	0.00
7) Phenol-d6	6.434	99	1720263	87.97	ng	0.00
23) Nitrobenzene-d5	7.357	82	1163000	61.11	ng	0.00
42) 2,4,6-Tribromophenol	10.628	330	428559	80.58	ng	0.00
45) 2-Fluorobiphenyl	9.157	172	1858773	63.36	ng	0.00
79) Terphenyl-d14	12.933	244	1246541	52.41	ng	0.02
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.357	70	157183	13.02	ng	# 75
25) Isophorone	7.357	82	1161156	32.54	ng	# 69
32) Benzoic acid	7.875	122	371	5.43	ng	# 89
50) Dimethylphthalate	9.551	163	72518	2.41	ng	97
51) 2,6-Dinitrotoluene	9.833	165	58169	8.36	ng	# 12
57) 2,4-Dinitrotoluene	9.833	165	58169	6.13	ng	# 18

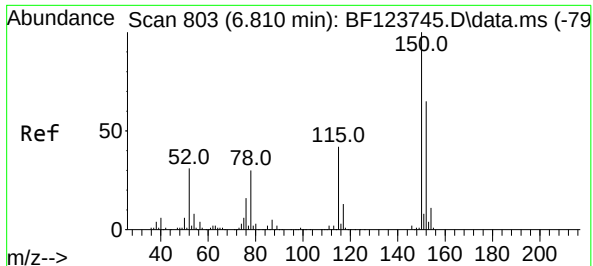
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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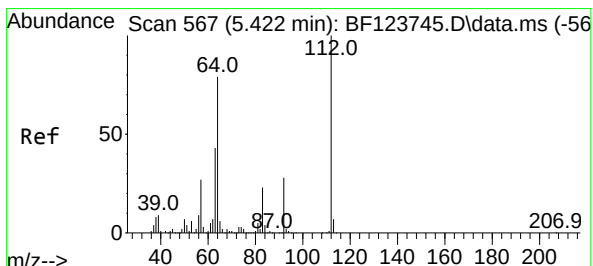
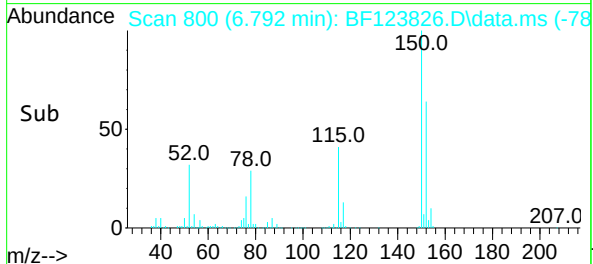
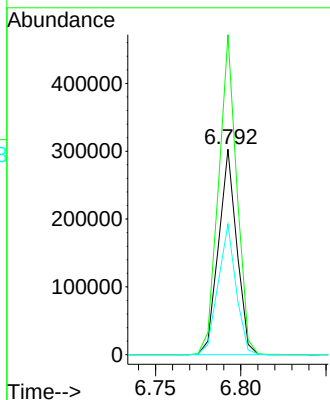
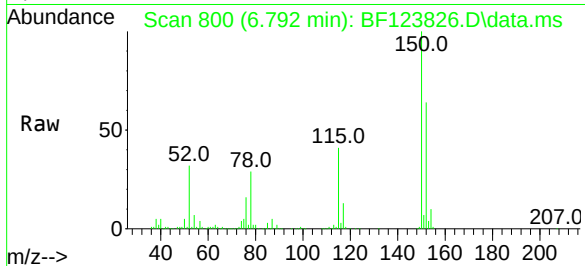




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.792 min Scan# 800
Delta R.T. -0.006 min
Lab File: BF123826.D
Acq: 5 May 2021 14:24

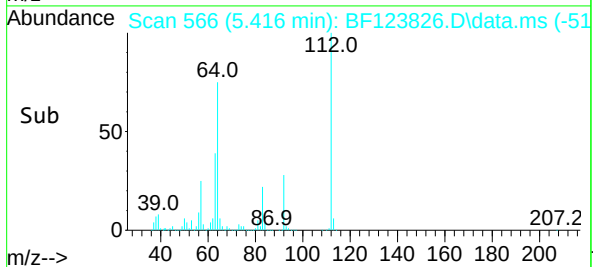
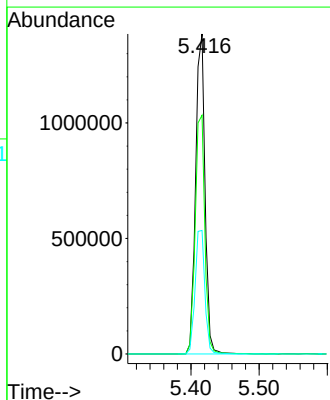
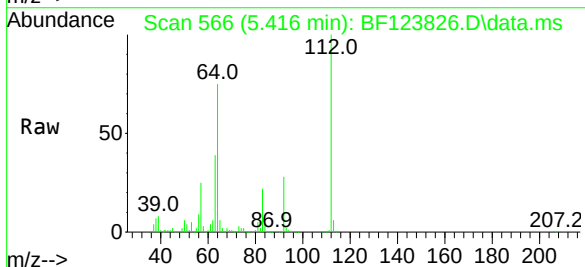
Instrument :
BNA_F
ClientSampled :
CC-STONES

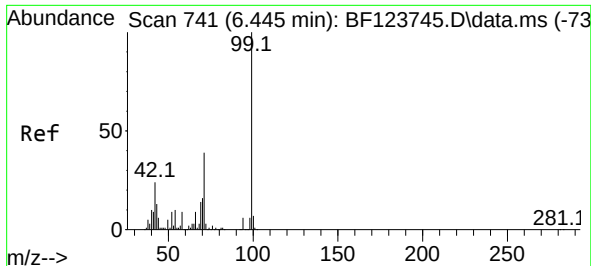
Tgt Ion:152 Resp: 224891
Ion Ratio Lower Upper
152 100
150 155.7 127.0 190.6
115 63.5 54.3 81.5



#5
2-Fluorophenol
Concen: 93.52 ng
RT: 5.416 min Scan# 566
Delta R.T. 0.006 min
Lab File: BF123826.D
Acq: 5 May 2021 14:24

Tgt Ion:112 Resp: 1327501
Ion Ratio Lower Upper
112 100
64 74.6 61.4 92.0
63 38.6 33.0 49.4



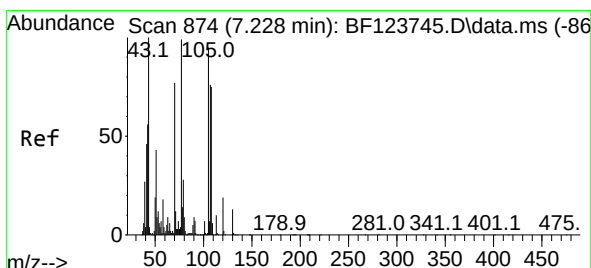
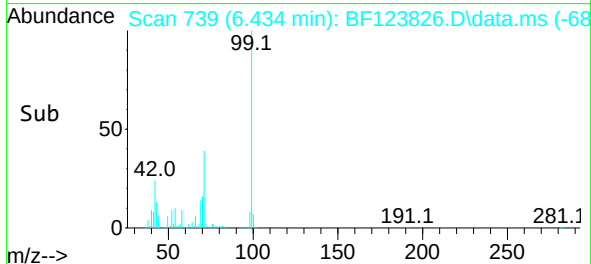
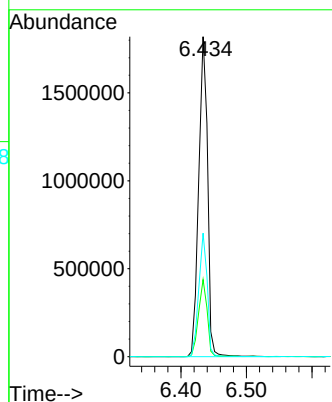
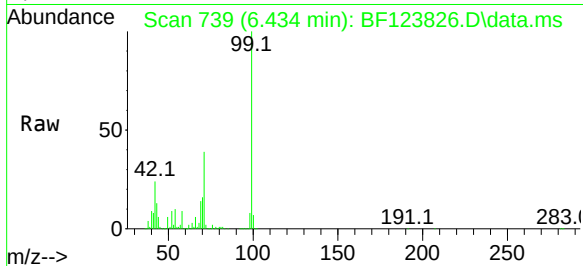


#7
Phenol-d6
Concen: 87.97 ng
RT: 6.434 min Scan# 739
Delta R.T. -0.006 min
Lab File: BF123826.D
Acq: 5 May 2021 14:24

Instrument :
BNA_F
ClientSampleId :
CC-STONES

Tgt Ion: 99 Resp: 1720263

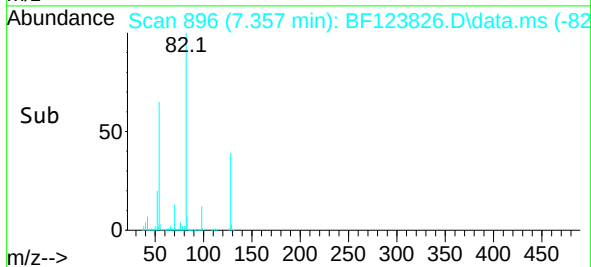
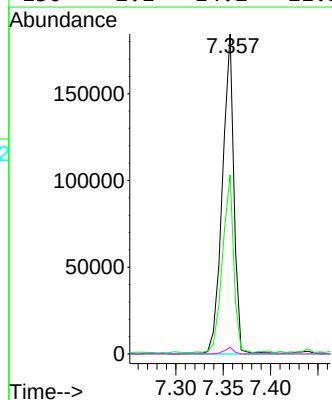
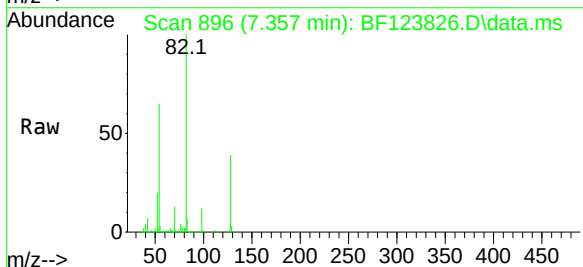
Ion	Ratio	Lower	Upper
99	100		
42	24.1	19.8	29.8
71	38.6	31.1	46.7

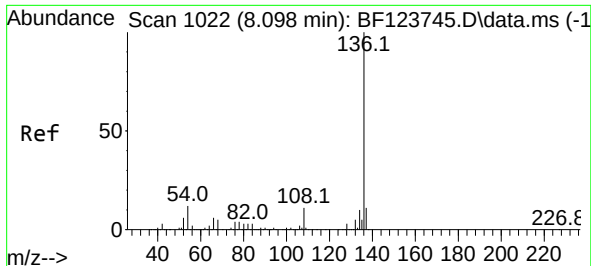


#19
n-Nitroso-di-n-propylamine
Concen: 13.02 ng
RT: 7.357 min Scan# 896
Delta R.T. 0.141 min
Lab File: BF123826.D
Acq: 5 May 2021 14:24

Tgt Ion: 70 Resp: 157183

Ion	Ratio	Lower	Upper
70	100		
42	56.0	60.1	90.1#
101	0.0	7.4	11.2#
130	2.1	14.2	21.2#

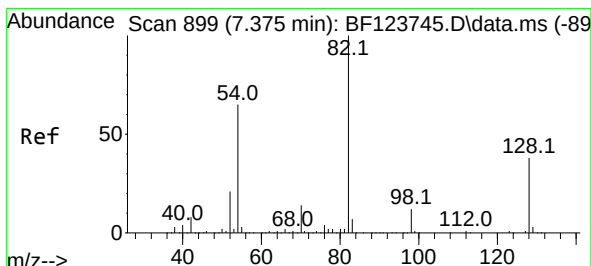
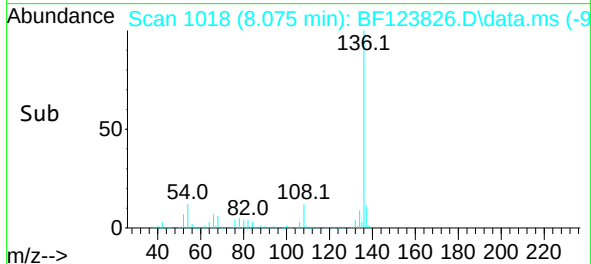
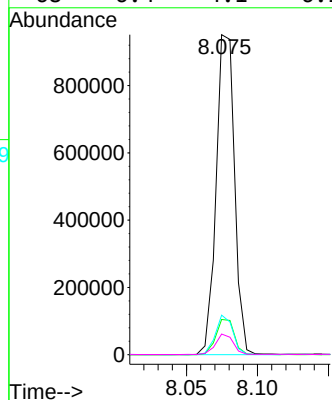
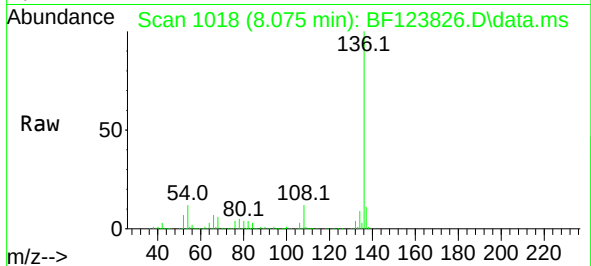




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.075 min Scan# 1018
Delta R.T. -0.006 min
Lab File: BF123826.D
Acq: 5 May 2021 14:24

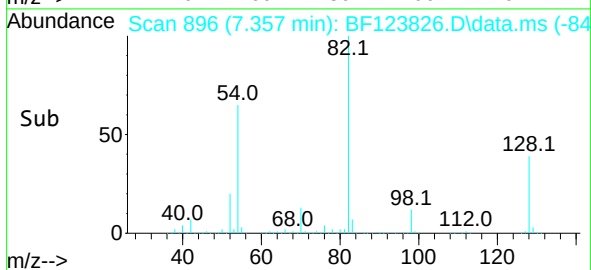
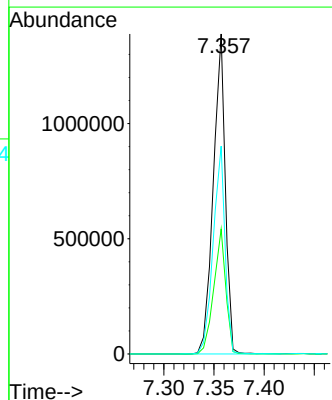
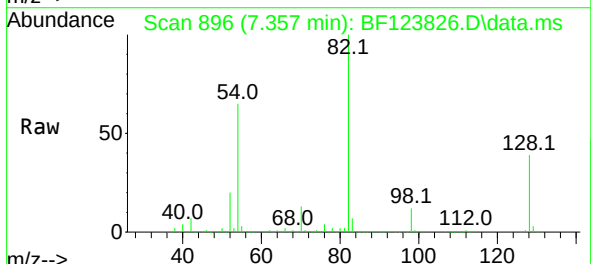
Instrument :
BNA_F
ClientSampleId :
CC-STONES

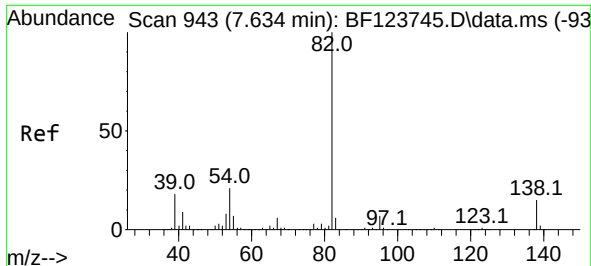
Tgt Ion:136 Resp: 859111
Ion Ratio Lower Upper
136 100
137 11.0 8.7 13.1
54 12.3 9.8 14.6
68 6.4 4.1 6.1#



#23
Nitrobenzene-d5
Concen: 61.11 ng
RT: 7.357 min Scan# 896
Delta R.T. -0.006 min
Lab File: BF123826.D
Acq: 5 May 2021 14:24

Tgt Ion: 82 Resp: 1163000
Ion Ratio Lower Upper
82 100
128 39.0 29.4 44.2
54 65.0 54.1 81.1

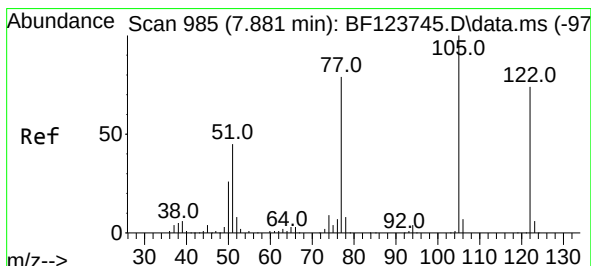
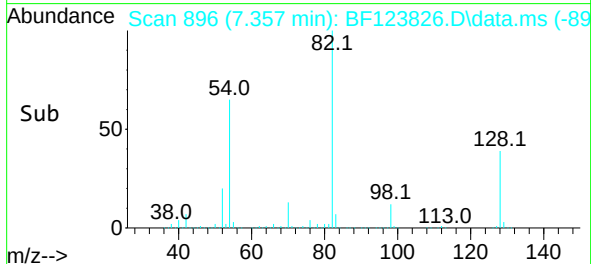
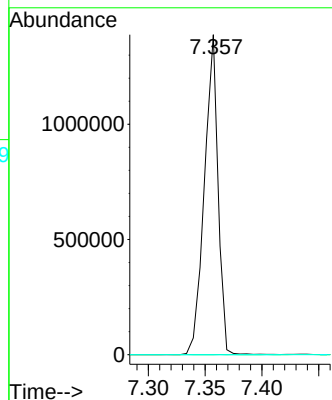
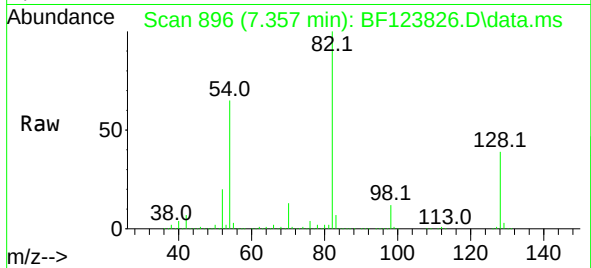




#25
Isophorone
Concen: 32.54 ng
RT: 7.357 min Scan# 896
Delta R.T. -0.265 min
Lab File: BF123826.D
Acq: 5 May 2021 14:24

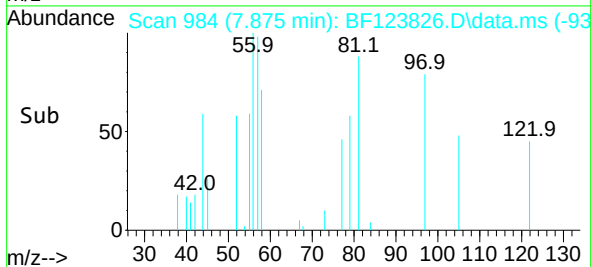
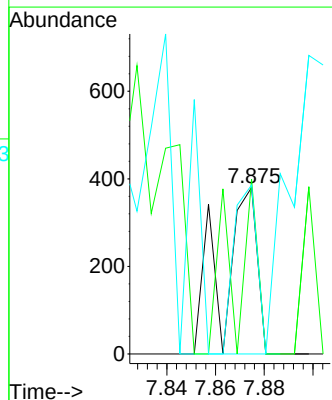
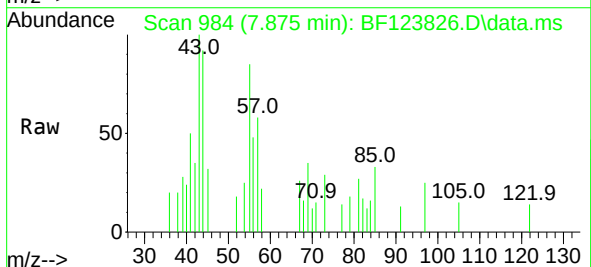
Instrument :
BNA_F
ClientSampleId :
CC-STONES

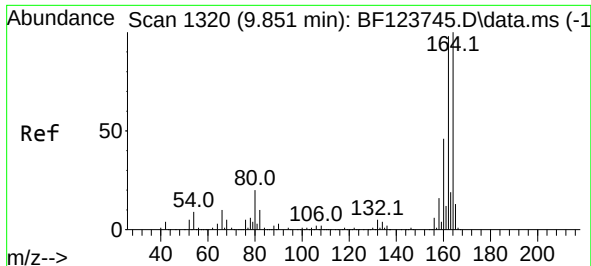
Tgt Ion: 82 Resp: 1161156
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.6#
138 0.0 11.8 17.8#



#32
Benzoic acid
Concen: 5.43 ng
RT: 7.875 min Scan# 984
Delta R.T. -0.000 min
Lab File: BF123826.D
Acq: 5 May 2021 14:24

Tgt Ion: 122 Resp: 371
Ion Ratio Lower Upper
122 100
105 105.0 107.8 147.8#
77 101.6 81.6 121.6





#39

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.833 min Scan# 1317

Delta R.T. -0.006 min

Lab File: BF123826.D

Acq: 5 May 2021 14:24

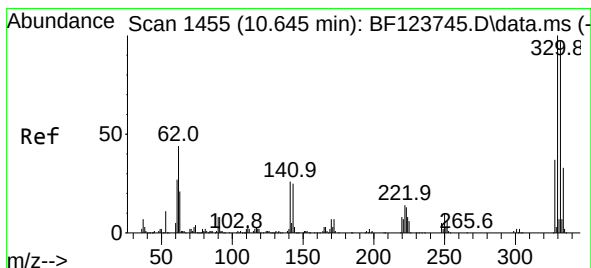
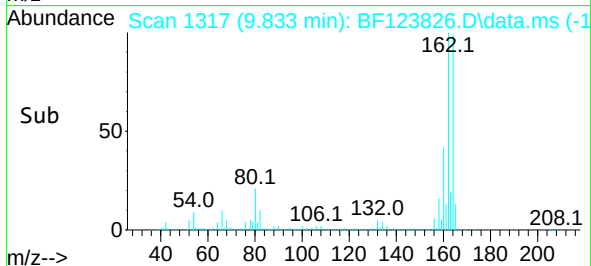
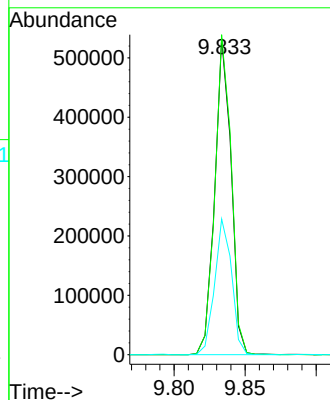
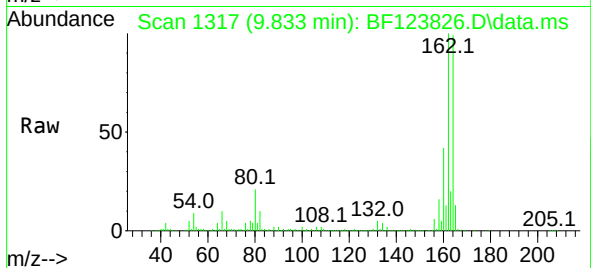
Tgt Ion:164 Resp: 427246

Ion Ratio Lower Upper

164 100

162 101.2 80.7 121.1

160 42.9 37.3 55.9



#42

2,4,6-Tribromophenol

Concen: 80.58 ng

RT: 10.628 min Scan# 1452

Delta R.T. -0.006 min

Lab File: BF123826.D

Acq: 5 May 2021 14:24

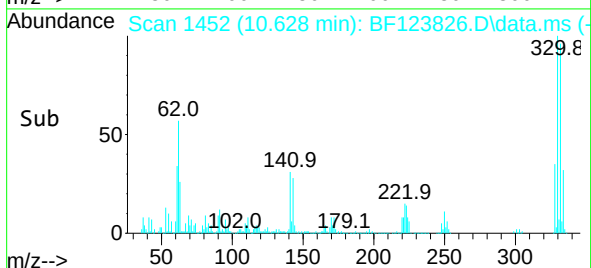
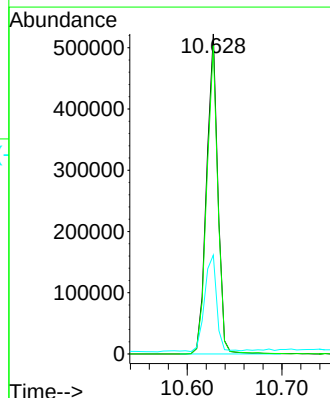
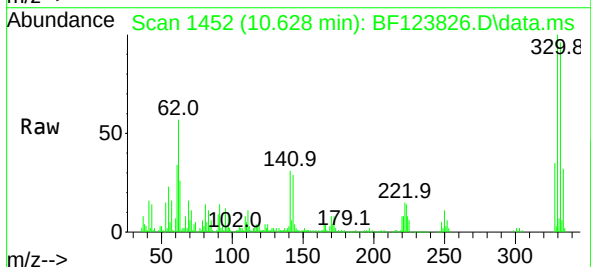
Tgt Ion:330 Resp: 428559

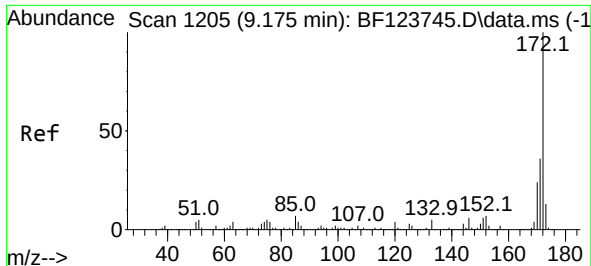
Ion Ratio Lower Upper

330 100

332 95.9 77.1 115.7

141 31.7 27.9 41.9

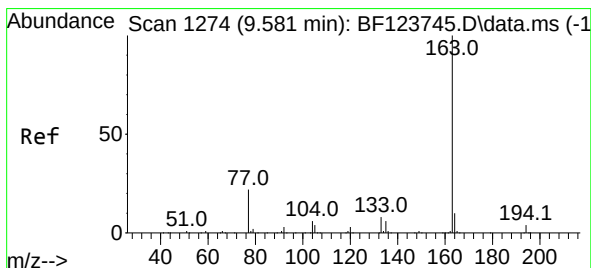
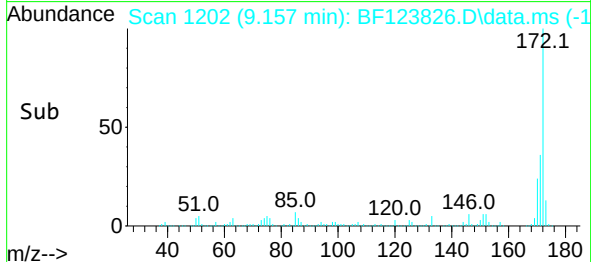
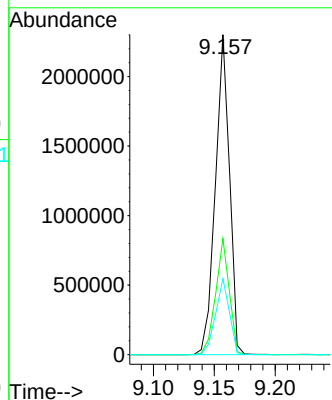
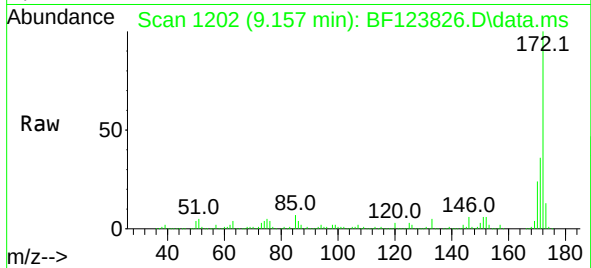




#45
2-Fluorobiphenyl
Concen: 63.36 ng
RT: 9.157 min Scan# 1202
Delta R.T. -0.006 min
Lab File: BF123826.D
Acq: 5 May 2021 14:24

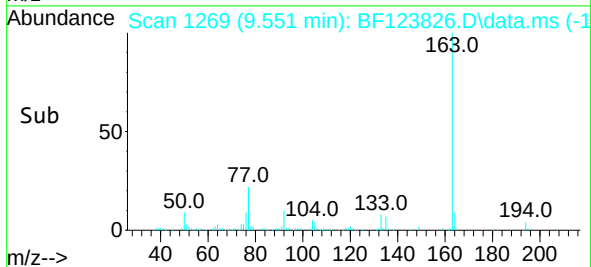
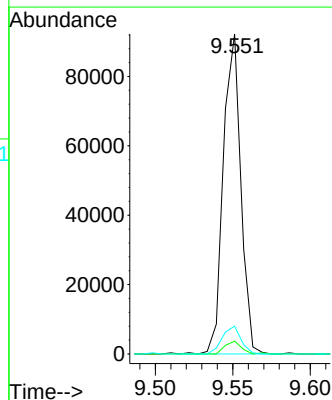
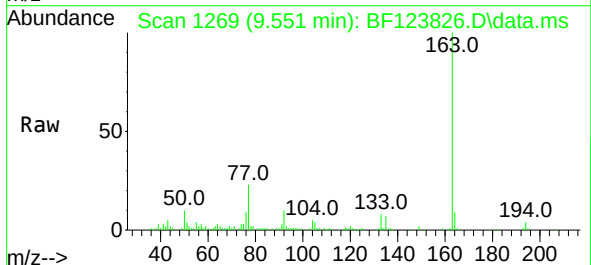
Instrument :
BNA_F
ClientSampleId :
CC-STONES

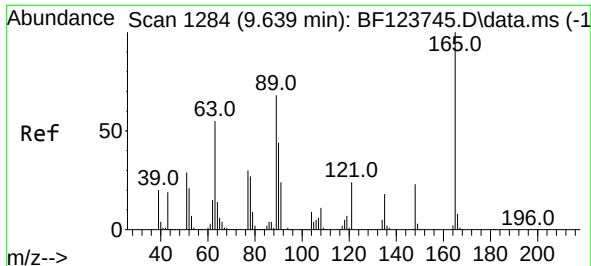
Tgt Ion:172 Resp: 1858773
Ion Ratio Lower Upper
172 100
171 36.3 28.1 42.1
170 23.8 19.2 28.8



#50
Dimethylphthalate
Concen: 2.41 ng
RT: 9.551 min Scan# 1269
Delta R.T. -0.012 min
Lab File: BF123826.D
Acq: 5 May 2021 14:24

Tgt Ion:163 Resp: 72518
Ion Ratio Lower Upper
163 100
194 4.0 3.1 4.7
164 8.7 8.2 12.2

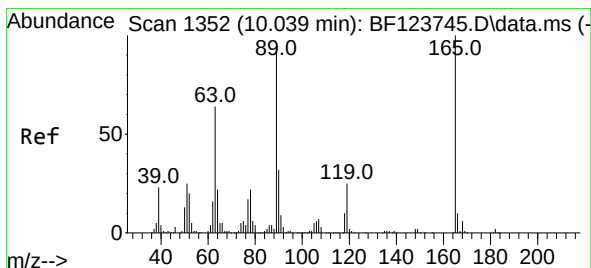
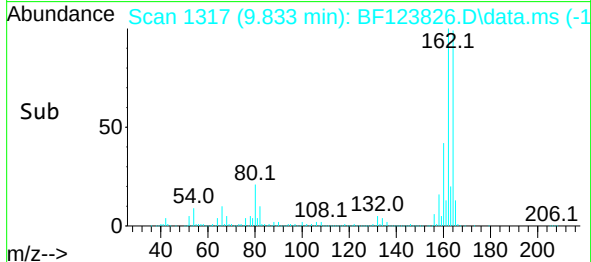
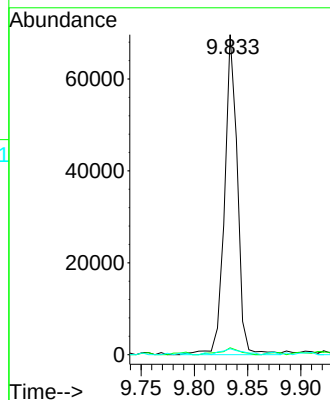
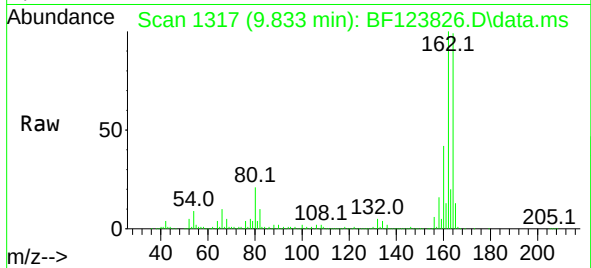




#51
2,6-Dinitrotoluene
Concen: 8.36 ng
RT: 9.833 min Scan# 1317
Delta R.T. 0.206 min
Lab File: BF123826.D
Acq: 5 May 2021 14:24

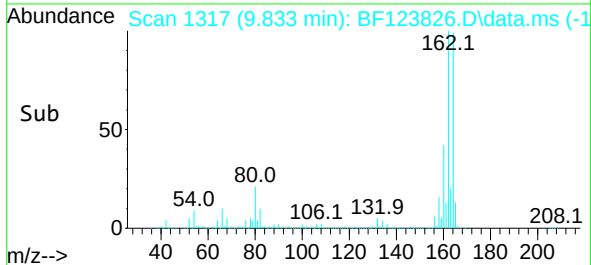
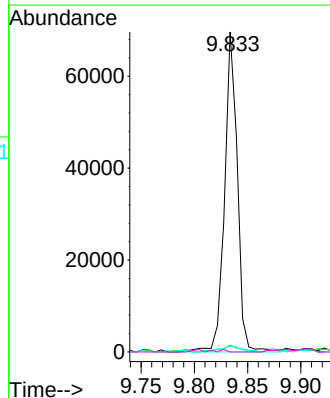
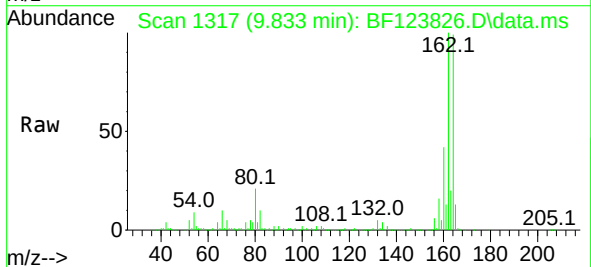
Instrument :
BNA_F
ClientSampleId :
CC-STONES

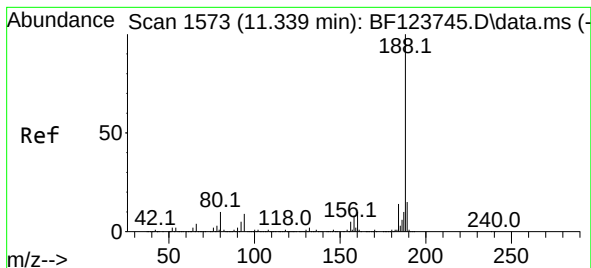
Tgt Ion:165 Resp: 58169
Ion Ratio Lower Upper
165 100
63 2.2 67.7 101.5#
89 1.9 58.8 88.2#



#57
2,4-Dinitrotoluene
Concen: 6.13 ng
RT: 9.833 min Scan# 1317
Delta R.T. -0.200 min
Lab File: BF123826.D
Acq: 5 May 2021 14:24

Tgt Ion:165 Resp: 58169
Ion Ratio Lower Upper
165 100
63 2.2 43.5 65.3#
89 1.9 67.7 101.5#
182 0.0 2.1 3.1#

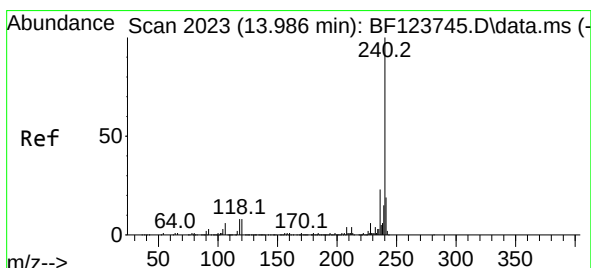
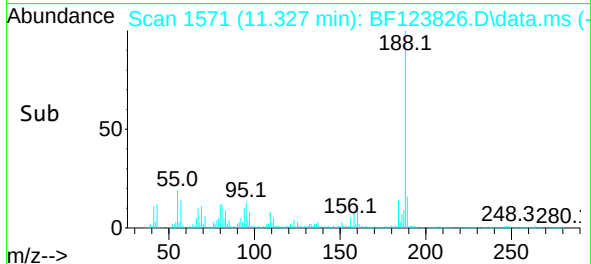
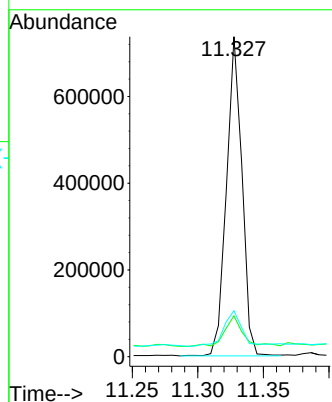
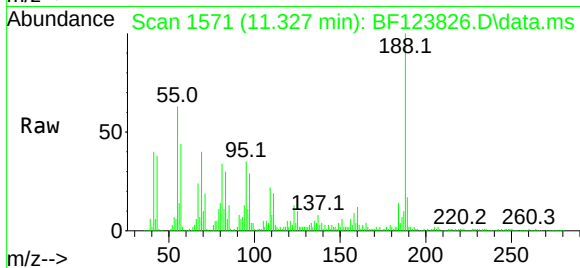




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.327 min Scan# 1571
Delta R.T. -0.000 min
Lab File: BF123826.D
Acq: 5 May 2021 14:24

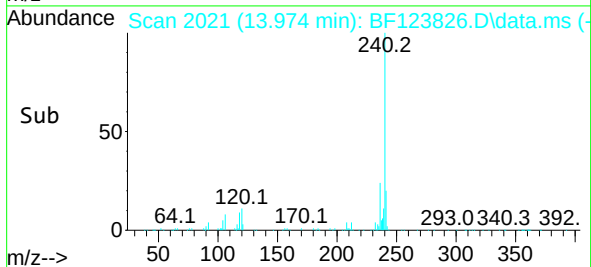
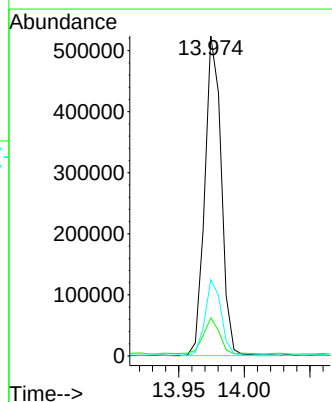
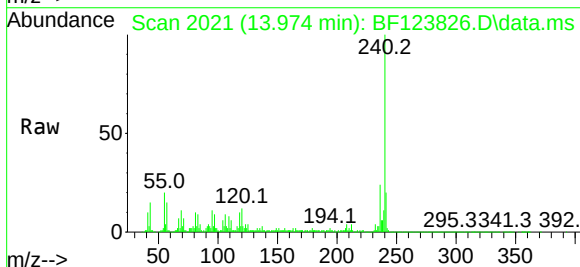
Instrument :
BNA_F
ClientSampleId :
CC-STONES

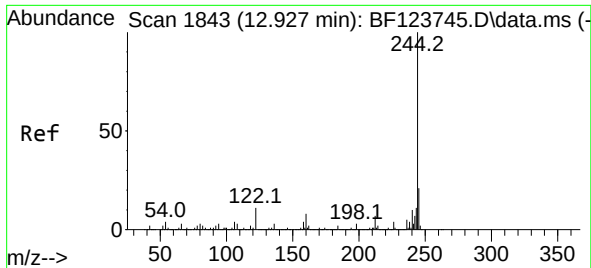
Tgt Ion:188 Resp: 603604
Ion Ratio Lower Upper
188 100
94 12.8 6.9 10.3#
80 14.4 8.2 12.2#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 13.974 min Scan# 2021
Delta R.T. -0.000 min
Lab File: BF123826.D
Acq: 5 May 2021 14:24

Tgt Ion:240 Resp: 458011
Ion Ratio Lower Upper
240 100
120 11.9 7.2 10.8#
236 23.8 19.0 28.4

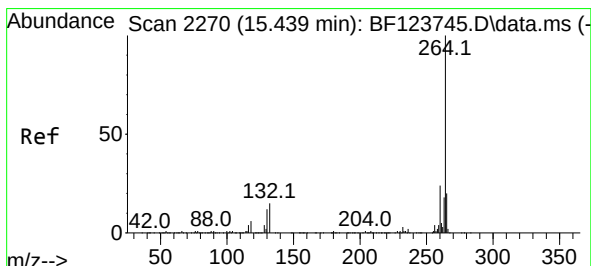
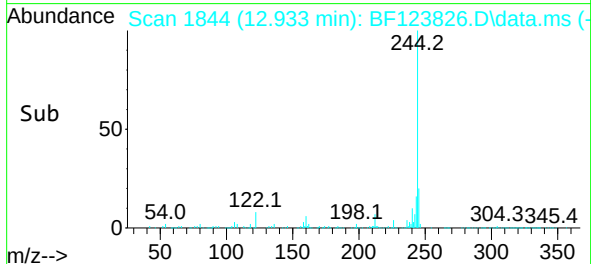
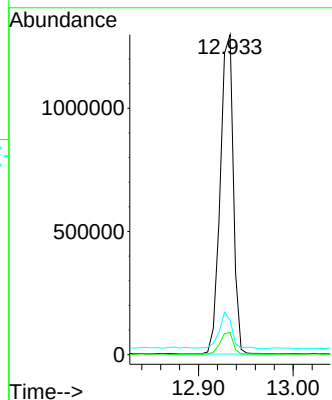
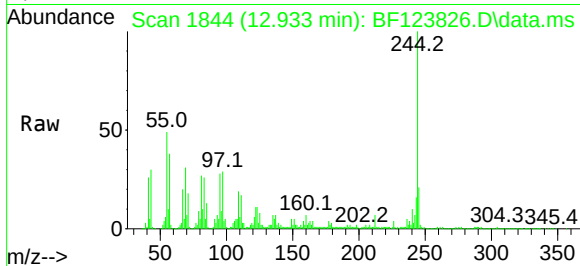




#79
Terphenyl-d14
Concen: 52.41 ng
RT: 12.933 min Scan# 1844
Delta R.T. 0.018 min
Lab File: BF123826.D
Acq: 5 May 2021 14:24

Instrument :
BNA_F
ClientSampleId :
CC-STONES

Tgt Ion:244 Resp: 1246541
Ion Ratio Lower Upper
244 100
212 6.9 5.7 8.5
122 10.7 9.7 14.5



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.427 min Scan# 2268
Delta R.T. -0.000 min
Lab File: BF123826.D
Acq: 5 May 2021 14:24

Tgt Ion:264 Resp: 433201
Ion Ratio Lower Upper
264 100
260 22.6 18.7 28.1
265 20.6 17.8 26.8

