

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050421\
 Data File : BF123817.D
 Acq On : 4 May 2021 19:52
 Operator : JU/CG
 Sample : M2252-01
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 STONE-1

Quant Time: May 05 05:13:32 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF042721.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 04 12:58:27 2021
 Response via : Initial Calibration

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

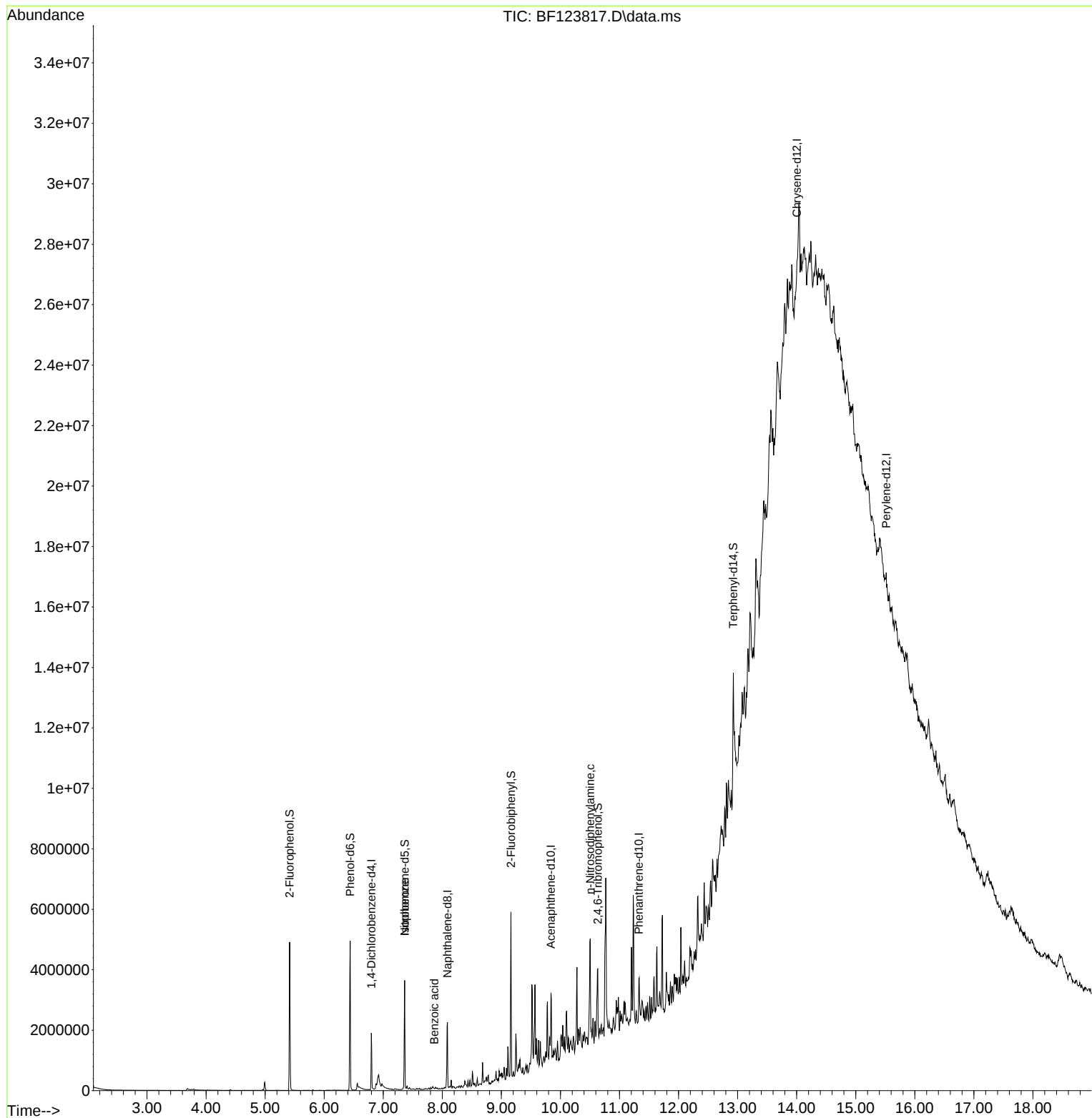
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.798	152	234530	20.00	ng	-0.01
21) Naphthalene-d8	8.086	136	869966	20.00	ng	-0.01
39) Acenaphthene-d10	9.839	164	377063	20.00	ng	-0.01
64) Phenanthrene-d10	11.327	188	605442	20.00	ng	#-0.01
76) Chrysene-d12	14.004	240	289594	20.00	ng	# 0.02
86) Perylene-d12	15.515	264	266022	20.00	ng	0.08
System Monitoring Compounds						
5) 2-Fluorophenol	5.416	112	1039522	70.22	ng	0.00
7) Phenol-d6	6.440	99	1357294	66.56	ng	0.00
23) Nitrobenzene-d5	7.363	82	948154	49.20	ng	-0.01
42) 2,4,6-Tribromophenol	10.633	330	305824	65.15	ng	-0.01
45) 2-Fluorobiphenyl	9.163	172	1418959	54.80	ng	-0.01
79) Terphenyl-d14	12.927	244	1037396	68.98	ng	0.00
Target Compounds						
25) Isophorone	7.363	82	945749	26.17	ng	# 69
32) Benzoic acid	7.863	122	241	5.41	ng	# 47
66) n-Nitrosodiphenylamine	10.504	169	46261	2.34	ng	# 59

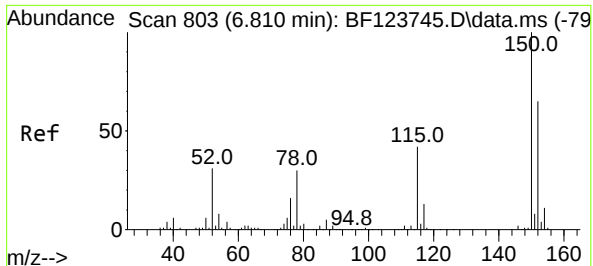
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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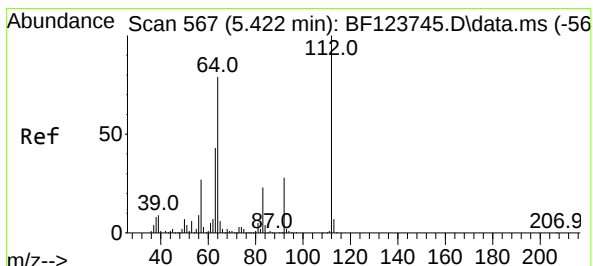
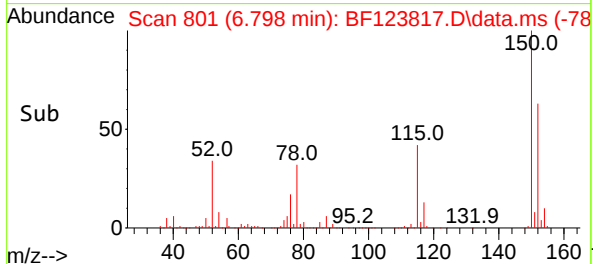
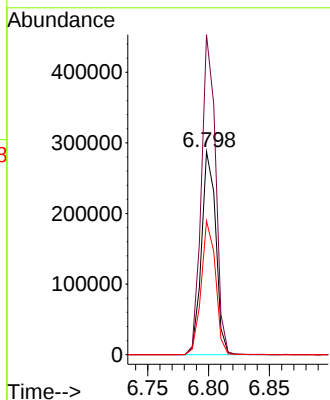
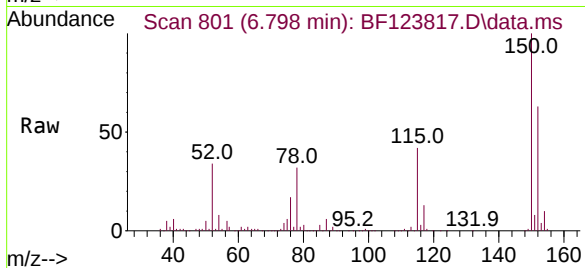




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.798 min Scan# 801
Delta R.T. -0.012 min
Lab File: BF123817.D
Acq: 4 May 2021 19:52

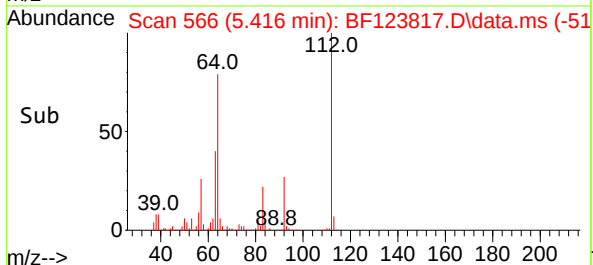
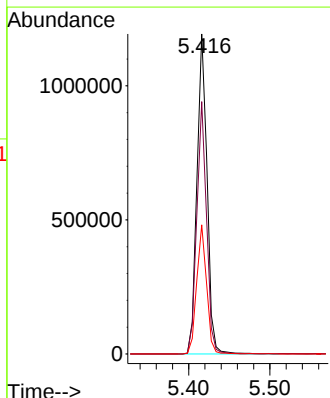
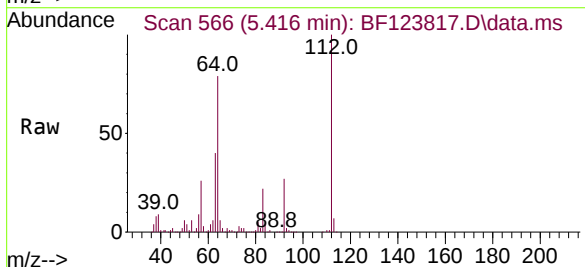
Instrument :
BNA_F
ClientSampleId :
STONE-1

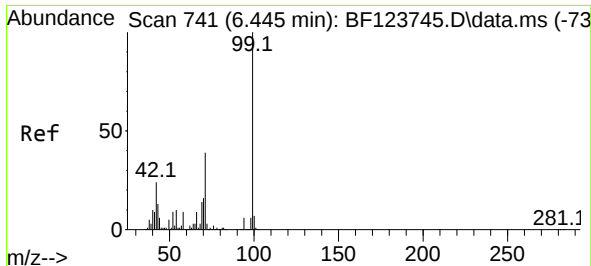
Tgt Ion:152 Resp: 234530
Ion Ratio Lower Upper
152 100
150 157.6 127.0 190.6
115 65.9 54.3 81.5



#5
2-Fluorophenol
Concen: 70.22 ng
RT: 5.416 min Scan# 566
Delta R.T. -0.006 min
Lab File: BF123817.D
Acq: 4 May 2021 19:52

Tgt Ion:112 Resp: 1039522
Ion Ratio Lower Upper
112 100
64 78.9 61.4 92.0
63 40.3 33.0 49.4



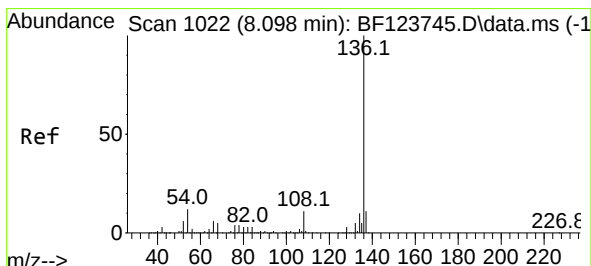
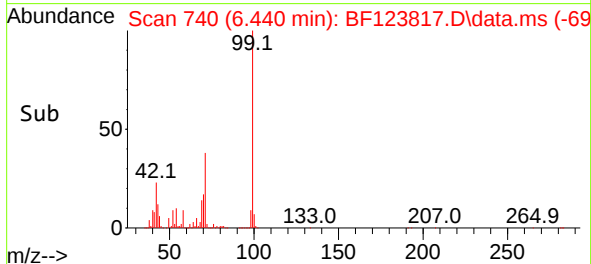
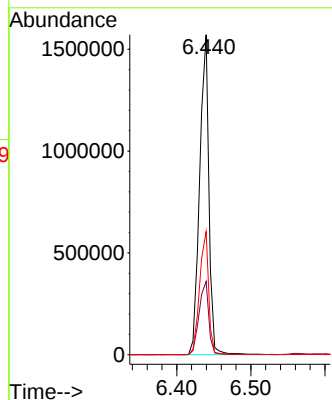
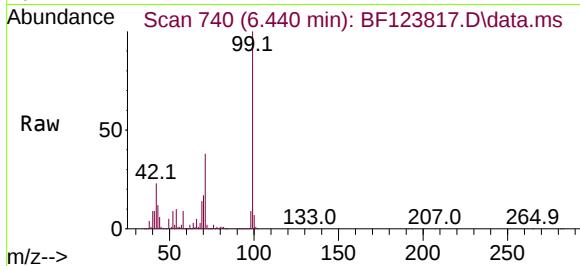


#7
Phenol-d6
Concen: 66.56 ng
RT: 6.440 min Scan# 740
Delta R.T. -0.006 min
Lab File: BF123817.D
Acq: 4 May 2021 19:52

Instrument :
BNA_F
ClientSampleId :
STONE-1

Tgt Ion: 99 Resp: 1357294

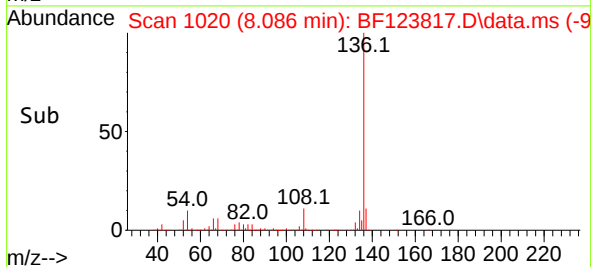
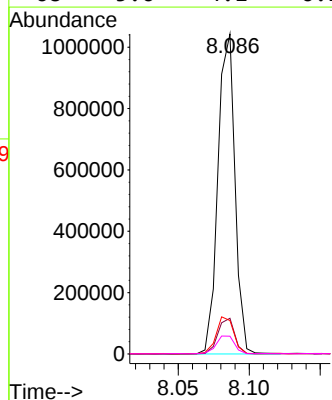
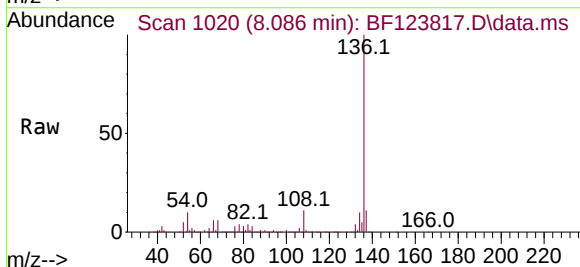
Ion	Ratio	Lower	Upper
99	100		
42	22.9	19.8	29.8
71	38.5	31.1	46.7

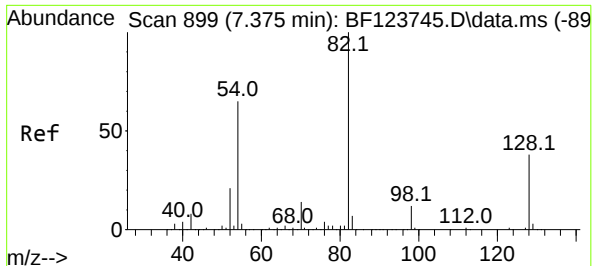


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.086 min Scan# 1020
Delta R.T. -0.012 min
Lab File: BF123817.D
Acq: 4 May 2021 19:52

Tgt Ion: 136 Resp: 869966

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.7	13.1
54	10.4	9.8	14.6
68	5.6	4.1	6.1





#23

Nitrobenzene-d5

Concen: 49.20 ng

RT: 7.363 min Scan# 897

Delta R.T. -0.012 min

Lab File: BF123817.D

Acq: 4 May 2021 19:52

Tgt Ion: 82 Resp: 948154

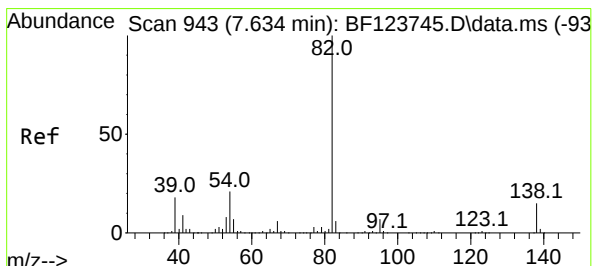
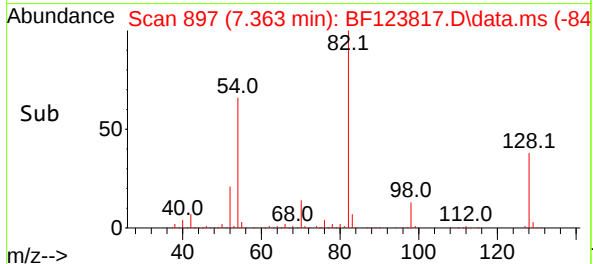
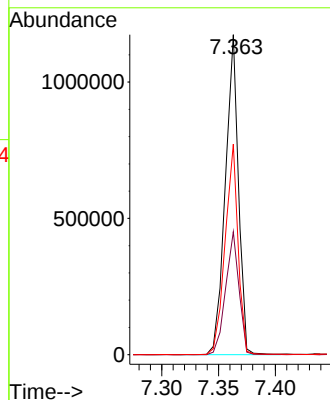
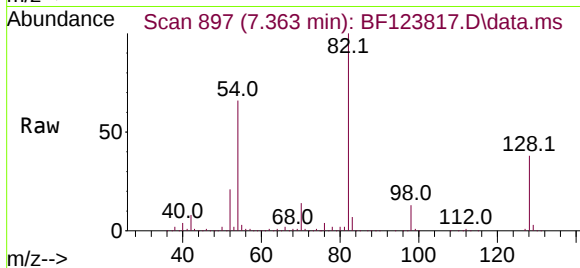
Ion	Ratio	Lower	Upper
82	100		
128	38.4	29.4	44.2
54	65.8	54.1	81.1

Instrument :

BNA_F

ClientSampleId :

STONE-1



#25

Isophorone

Concen: 26.17 ng

RT: 7.363 min Scan# 897

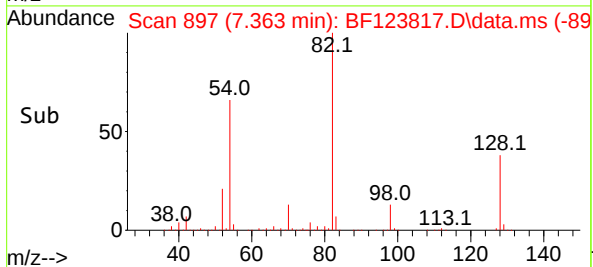
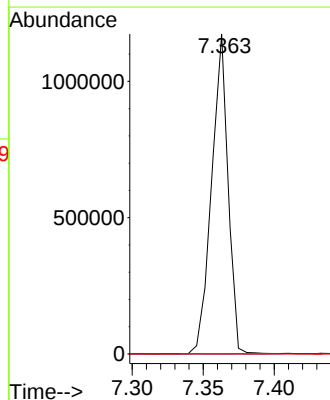
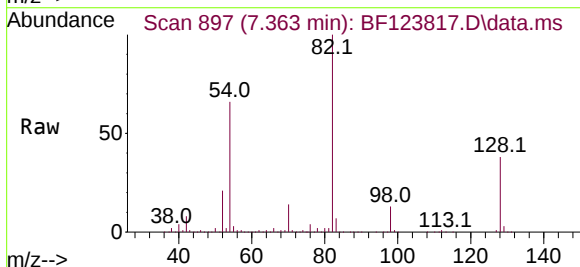
Delta R.T. -0.271 min

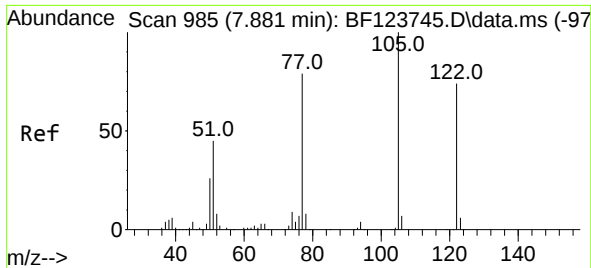
Lab File: BF123817.D

Acq: 4 May 2021 19:52

Tgt Ion: 82 Resp: 945749

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.8	8.6#
138	0.0	11.8	17.8#

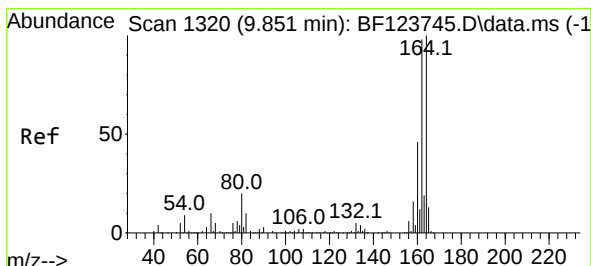
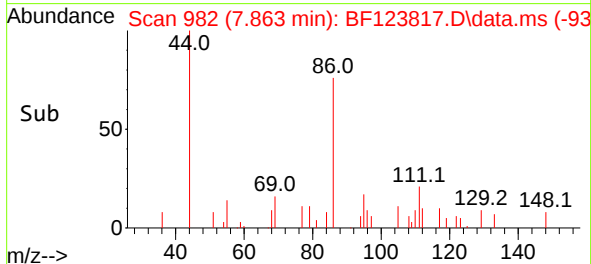
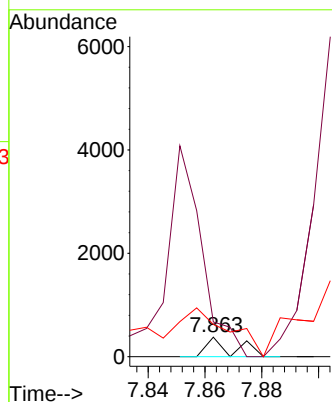
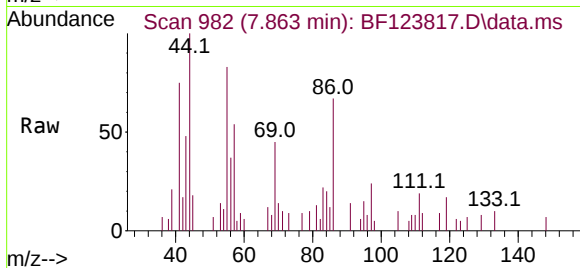




#32
Benzoic acid
Concen: 5.41 ng
RT: 7.863 min Scan# 982
Delta R.T. -0.018 min
Lab File: BF123817.D
Acq: 4 May 2021 19:52

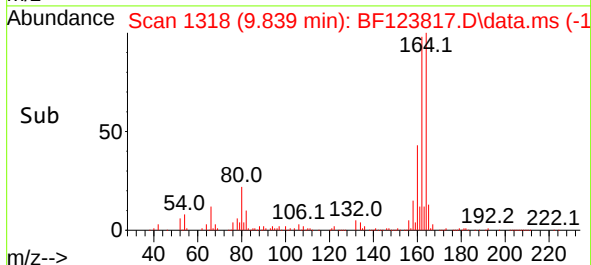
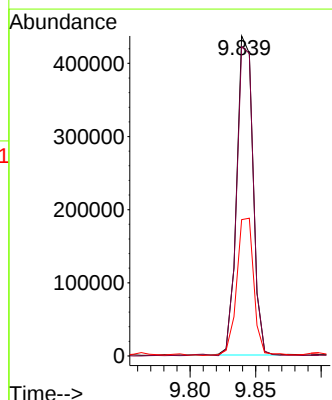
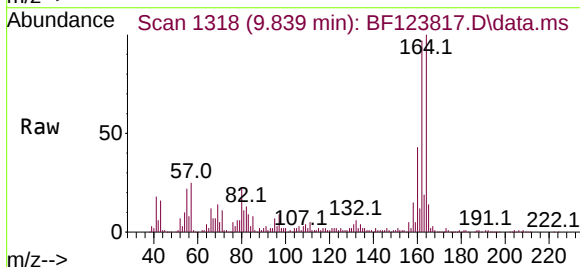
Instrument :
BNA_F
ClientSampleId :
STONE-1

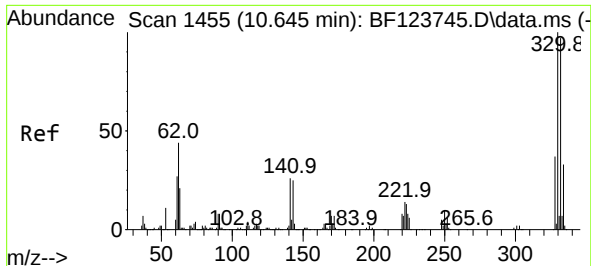
Tgt Ion:122 Resp: 241
Ion Ratio Lower Upper
122 100
105 178.5 107.8 147.8#
77 165.8 81.6 121.6#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.839 min Scan# 1318
Delta R.T. -0.012 min
Lab File: BF123817.D
Acq: 4 May 2021 19:52

Tgt Ion:164 Resp: 377063
Ion Ratio Lower Upper
164 100
162 96.7 80.7 121.1
160 42.6 37.3 55.9

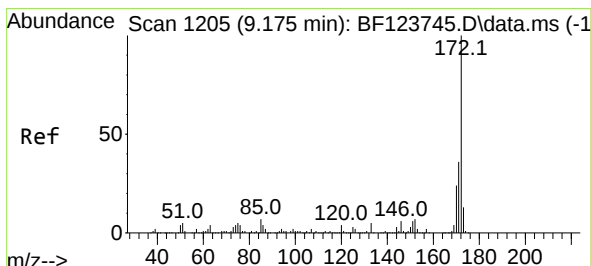
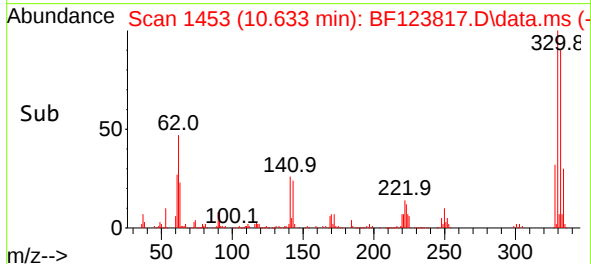
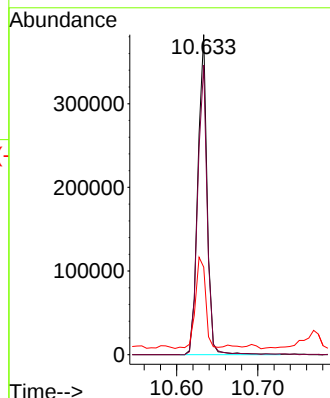
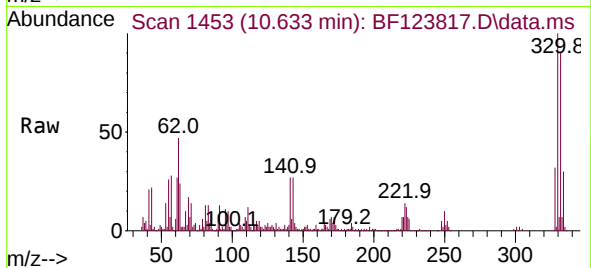




#42
2,4,6-Tribromophenol
Concen: 65.15 ng
RT: 10.633 min Scan# 1453
Delta R.T. -0.012 min
Lab File: BF123817.D
Acq: 4 May 2021 19:52

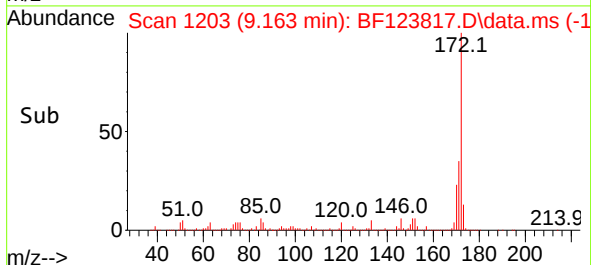
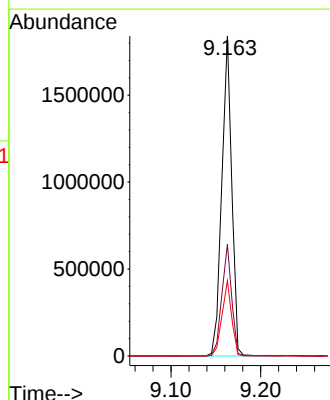
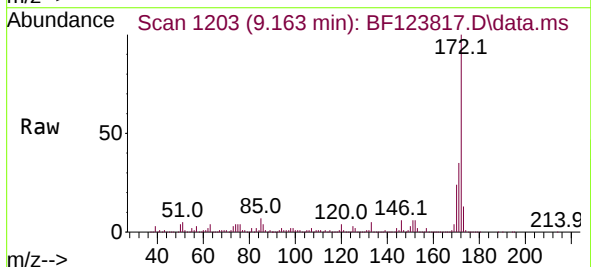
Instrument :
BNA_F
ClientSampleId :
STONE-1

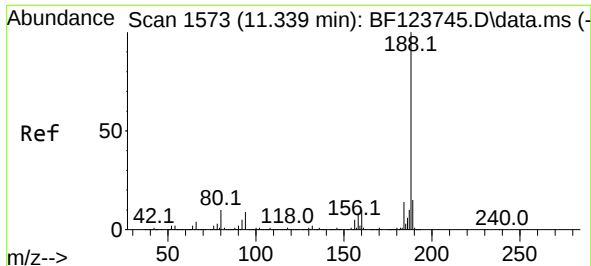
Tgt Ion:330 Resp: 305824
Ion Ratio Lower Upper
330 100
332 92.9 77.1 115.7
141 31.3 27.9 41.9



#45
2-Fluorobiphenyl
Concen: 54.80 ng
RT: 9.163 min Scan# 1203
Delta R.T. -0.012 min
Lab File: BF123817.D
Acq: 4 May 2021 19:52

Tgt Ion:172 Resp: 1418959
Ion Ratio Lower Upper
172 100
171 34.9 28.1 42.1
170 23.5 19.2 28.8

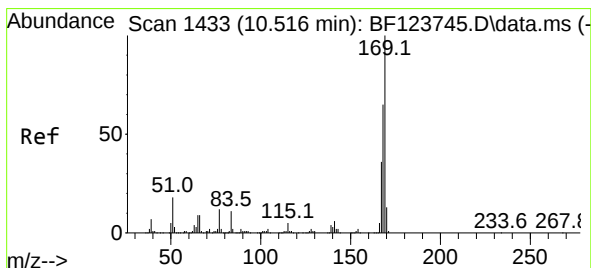
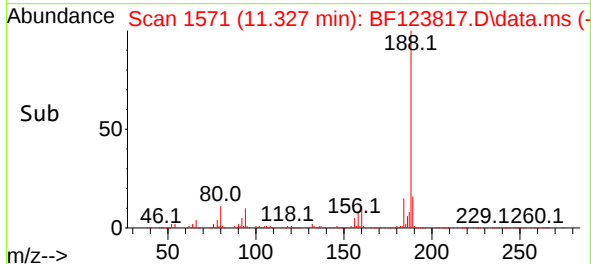
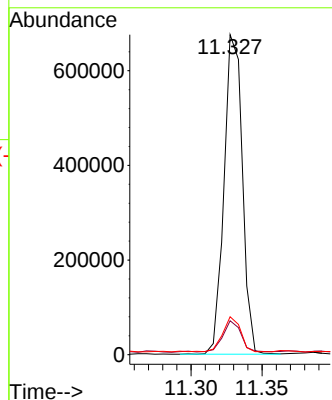
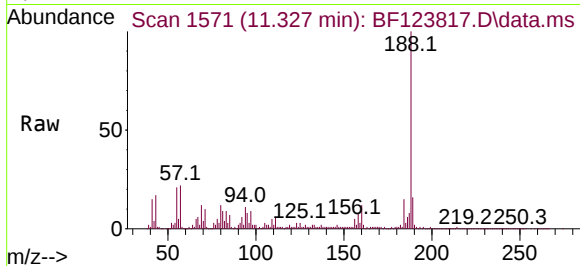




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.327 min Scan# 1571
Delta R.T. -0.012 min
Lab File: BF123817.D
Acq: 4 May 2021 19:52

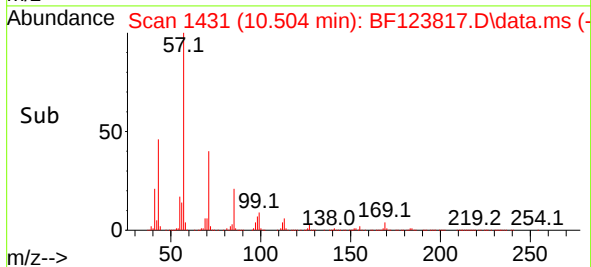
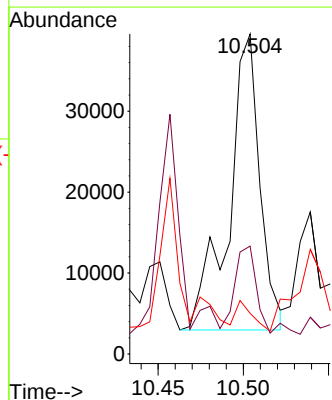
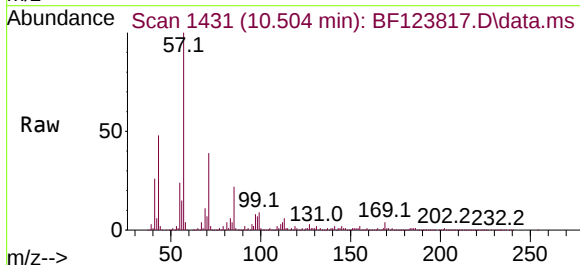
Instrument :
BNA_F
ClientSampleId :
STONE-1

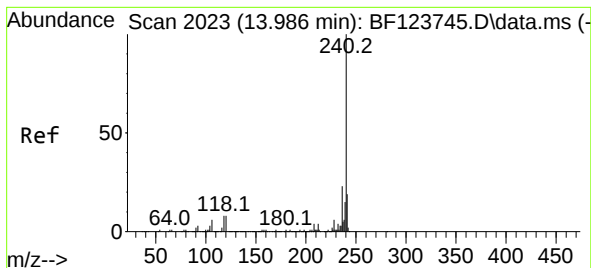
Tgt Ion:188 Resp: 605442
Ion Ratio Lower Upper
188 100
94 10.6 6.9 10.3#
80 11.9 8.2 12.2



#66
n-Nitrosodiphenylamine
Concen: 2.34 ng
RT: 10.504 min Scan# 1431
Delta R.T. -0.012 min
Lab File: BF123817.D
Acq: 4 May 2021 19:52

Tgt Ion:169 Resp: 46261
Ion Ratio Lower Upper
169 100
168 33.7 53.3 79.9#
167 12.7 29.9 44.9#





#76

Chrysene-d12

Concen: 20.00 ng

RT: 14.004 min Scan# 2026

Delta R.T. 0.018 min

Lab File: BF123817.D

Acq: 4 May 2021 19:52

Tgt Ion:240 Resp: 289594

Ion Ratio Lower Upper

240 100

120 12.9 7.2 10.8#

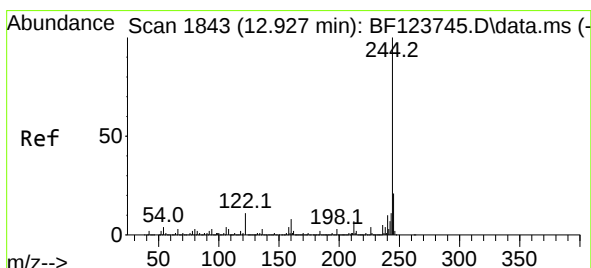
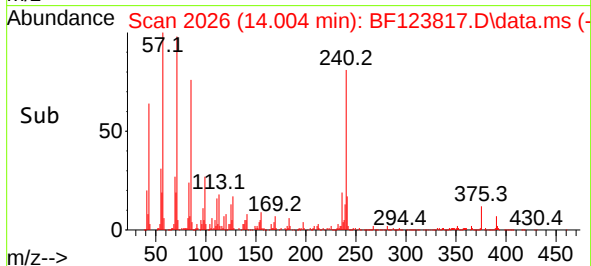
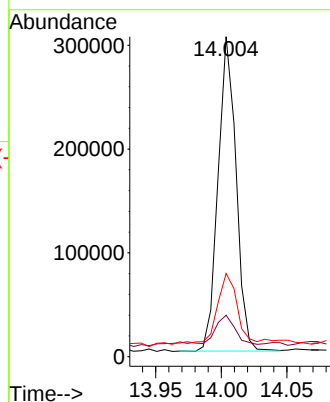
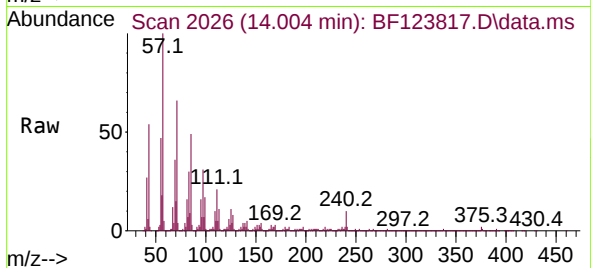
236 26.0 19.0 28.4

Instrument :

BNA_F

ClientSampleId :

STONE-1



#79

Terphenyl-d14

Concen: 68.98 ng

RT: 12.927 min Scan# 1843

Delta R.T. -0.000 min

Lab File: BF123817.D

Acq: 4 May 2021 19:52

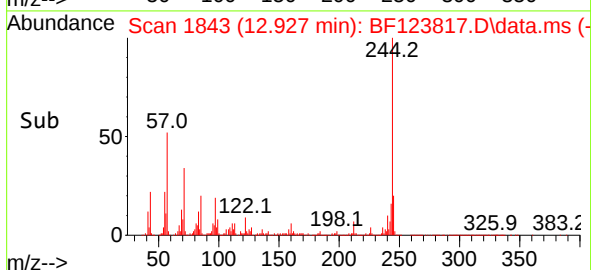
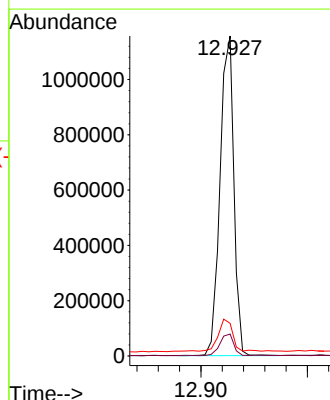
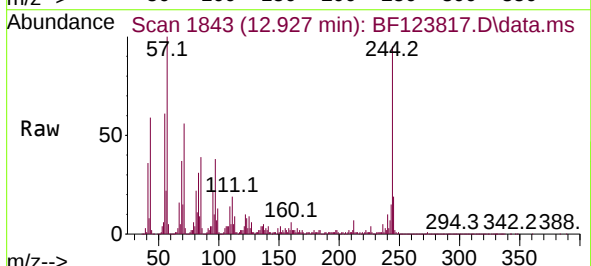
Tgt Ion:244 Resp: 1037396

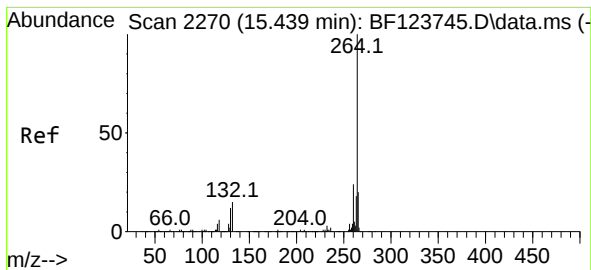
Ion Ratio Lower Upper

244 100

212 6.9 5.7 8.5

122 10.2 9.7 14.5





#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.515 min Scan# 2283
 Delta R.T. 0.076 min
 Lab File: BF123817.D
 Acq: 4 May 2021 19:52

Instrument :
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Tgt Ion:264 Resp: 266022
 Ion Ratio Lower Upper
 264 100
 260 23.5 18.7 28.1
 265 23.5 17.8 26.8

