

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091922\
 Data File : BF130323.D
 Acq On : 19 Sep 2022 16:25
 Operator : CG\JU
 Sample : N4695-02
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 INCINERATOR-ASH

Quant Time: Sep 20 02:25:11 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 19 15:06:14 2022
 Response via : Initial Calibration

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

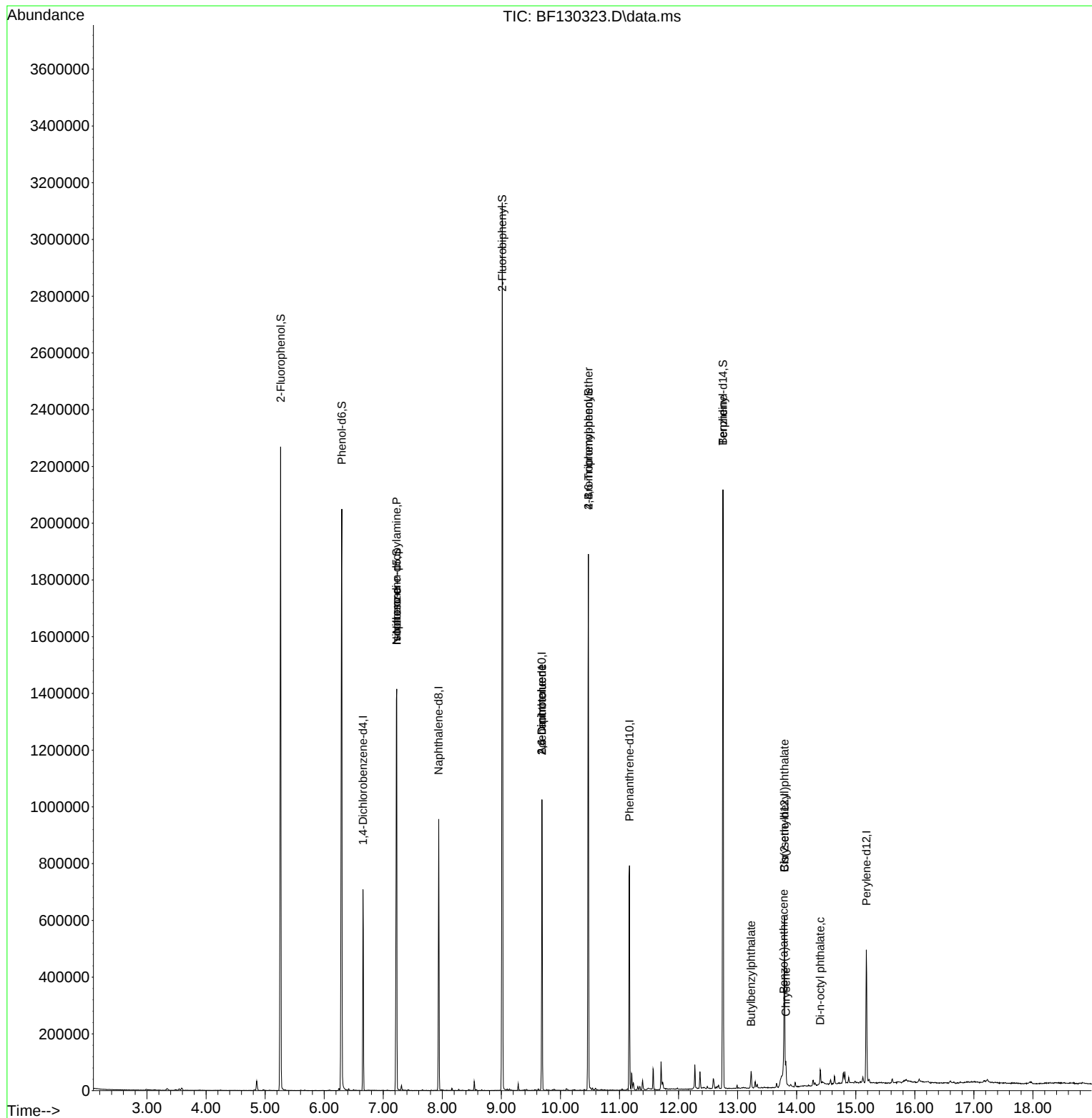
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.657	152	95261	20.000	ng	0.00
21) Naphthalene-d8	7.939	136	373650	20.000	ng	0.00
39) Acenaphthene-d10	9.686	164	191010	20.000	ng	0.00
64) Phenanthrene-d10	11.169	188	283342	20.000	ng	0.00
76) Chrysene-d12	13.792	240	144752	20.000	ng	-0.01
86) Perylene-d12	15.180	264	187137	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.263	112	617352	112.404	ng	0.00
7) Phenol-d6	6.298	99	757192	110.184	ng	0.00
23) Nitrobenzene-d5	7.228	82	487505	66.656	ng	0.00
42) 2,4,6-Tribromophenol	10.475	330	207898	113.591	ng	0.00
45) 2-Fluorobiphenyl	9.016	172	918685	70.037	ng	0.00
79) Terphenyl-d14	12.751	244	699840	80.087	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.228	70	67672	14.594	ng	# 74
25) Isophorone	7.228	82	486036	41.231	ng	# 66
51) 2,6-Dinitrotoluene	9.686	165	24884	9.018	ng	# 16
57) 2,4-Dinitrotoluene	9.686	165	24884	7.056	ng	# 16
67) 4-Bromophenyl-phenylether	10.475	248	12498	3.998	ng	# 1
77) Benzidine	12.751	184	10441	2.485	ng	# 91
80) Butylbenzylphthalate	13.227	149	15064	3.211	ng	95
81) Benzo(a)anthracene	13.780	228	32175	3.341	ng	97
83) Chrysene	13.816	228	31788	3.477	ng	98
84) Bis(2-ethylhexyl)phtha...	13.792	149	23068	4.293	ng	# 96
85) Di-n-octyl phthalate	14.398	149	26941	3.278	ng	# 90

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

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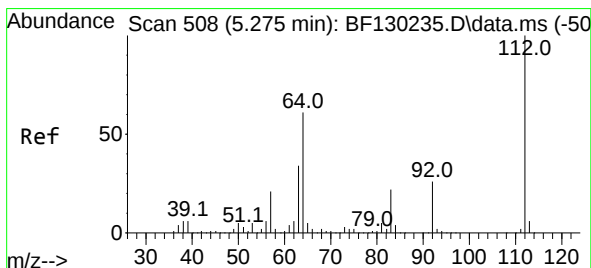
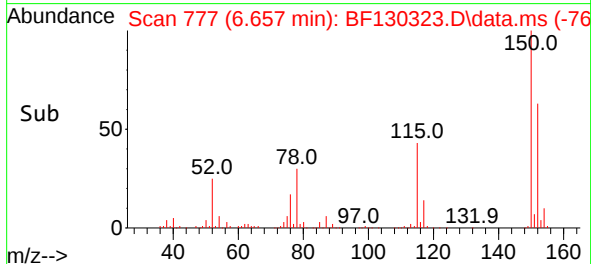
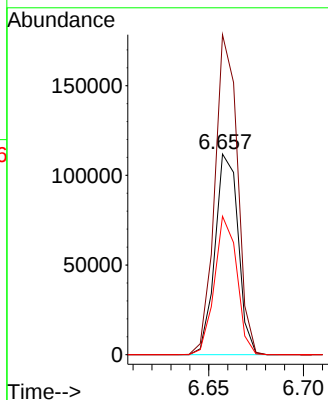
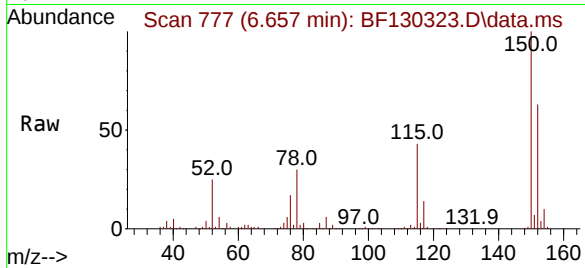




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.657 min Scan# 71
 Delta R.T. -0.006 min
 Lab File: BF130323.D
 Acq: 19 Sep 2022 16:25

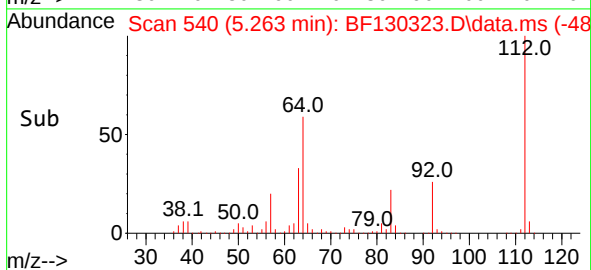
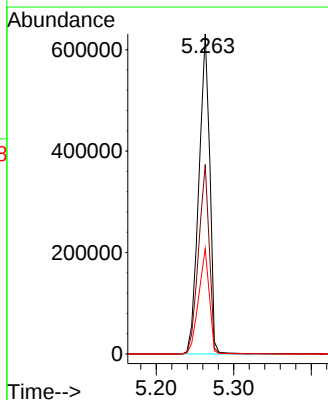
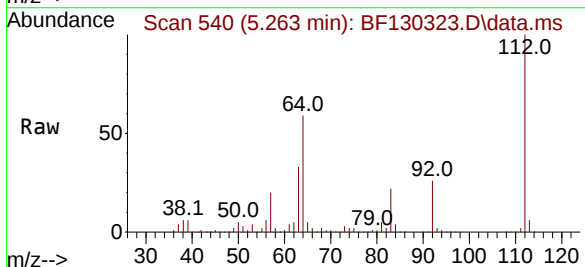
Instrument :
 BNA_F
 ClientSampleId :
 INCINERATOR-ASH

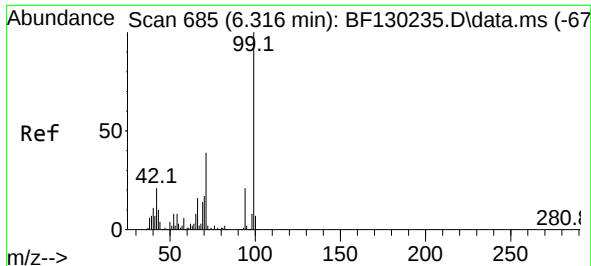
Tgt Ion:152 Resp: 95261
 Ion Ratio Lower Upper
 152 100
 150 159.5 122.8 184.2
 115 69.0 53.8 80.8



#5
 2-Fluorophenol
 Concen: 112.404 ng
 RT: 5.263 min Scan# 540
 Delta R.T. 0.006 min
 Lab File: BF130323.D
 Acq: 19 Sep 2022 16:25

Tgt Ion:112 Resp: 617352
 Ion Ratio Lower Upper
 112 100
 64 59.2 51.4 77.0
 63 32.9 28.8 43.2

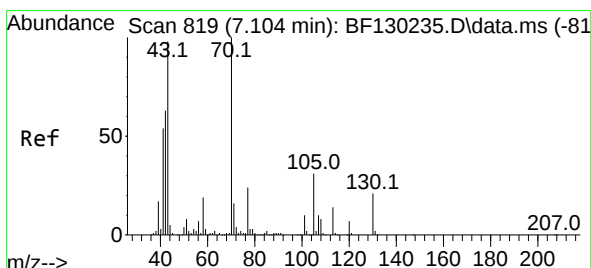
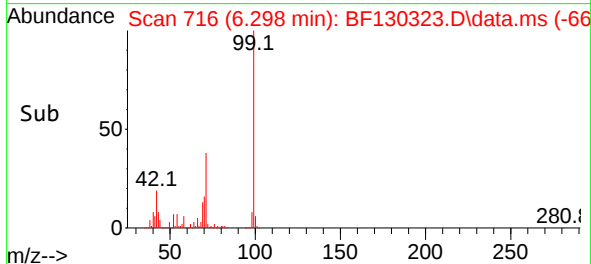
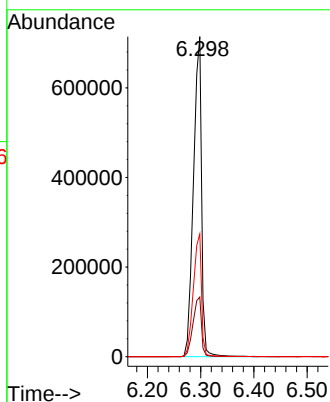
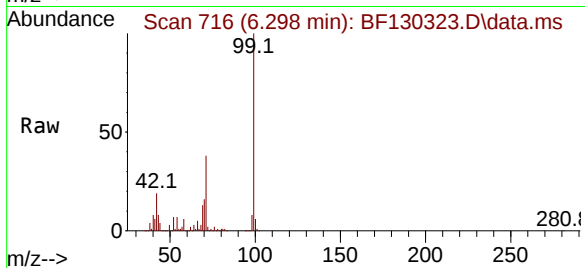




#7
Phenol-d6
Concen: 110.184 ng
RT: 6.298 min Scan# 716
Delta R.T. 0.000 min
Lab File: BF130323.D
Acq: 19 Sep 2022 16:25

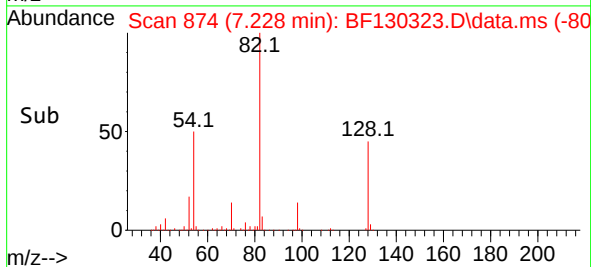
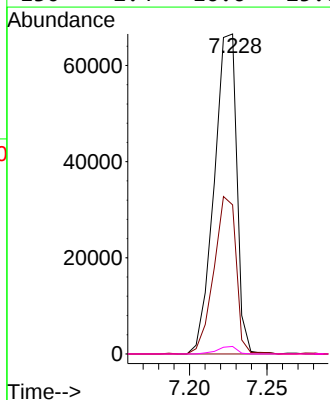
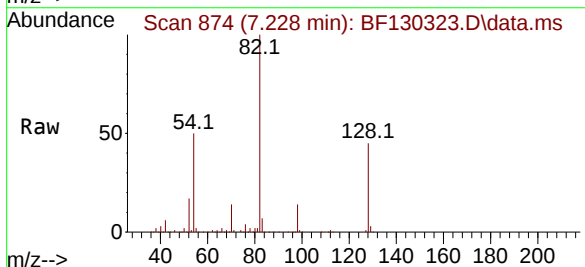
Instrument :
BNA_F
ClientSampleId :
INCINERATOR-ASH

Tgt Ion: 99 Resp: 757192
Ion Ratio Lower Upper
99 100
42 18.7 17.0 25.6
71 38.4 32.3 48.5



#19
n-Nitroso-di-n-propylamine
Concen: 14.594 ng
RT: 7.228 min Scan# 874
Delta R.T. 0.135 min
Lab File: BF130323.D
Acq: 19 Sep 2022 16:25

Tgt Ion: 70 Resp: 67672
Ion Ratio Lower Upper
70 100
42 46.6 50.8 76.2#
101 0.0 8.2 12.4#
130 2.4 16.6 25.0#

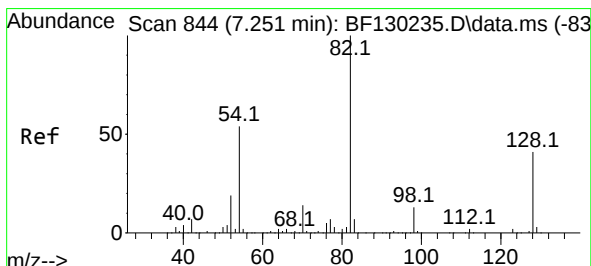
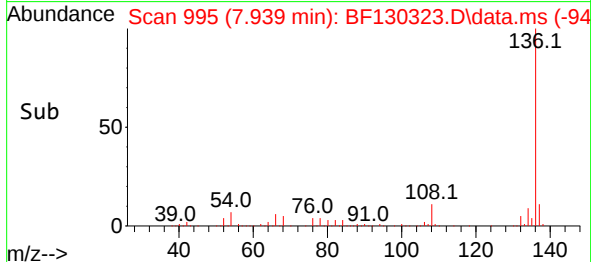
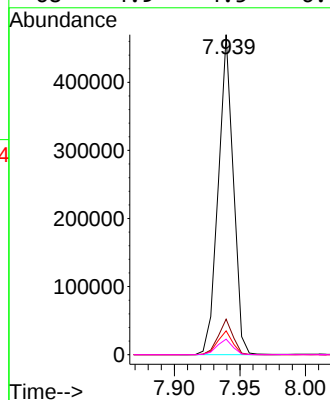
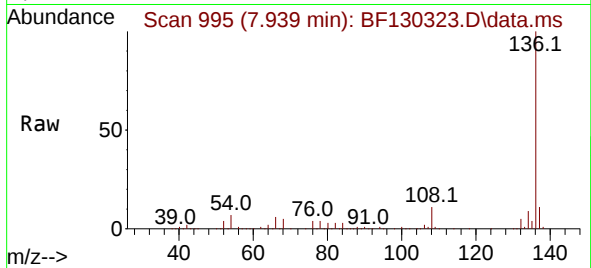




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.939 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF130323.D
Acq: 19 Sep 2022 16:25

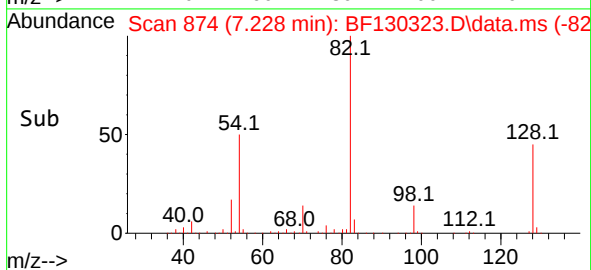
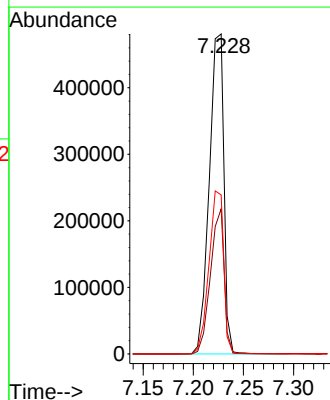
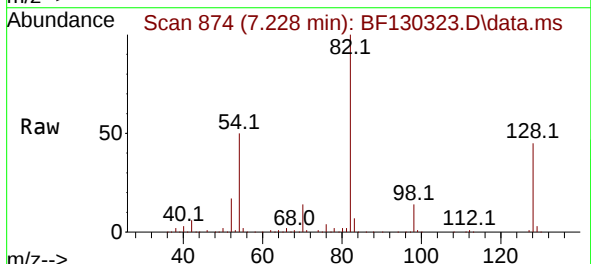
Instrument :
BNA_F
ClientSampleId :
INCINERATOR-ASH

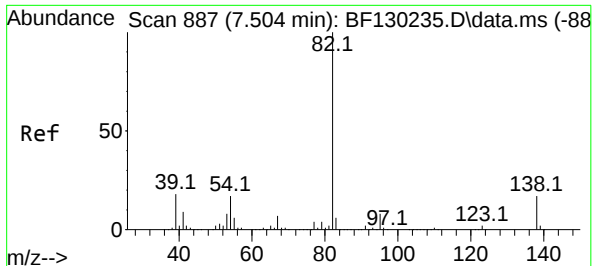
Tgt Ion	Ion:136	Resp:	373650
	Ratio	Lower	Upper
136	100		
137	11.1	9.1	13.7
54	7.5	7.1	10.7
68	4.9	4.5	6.7



#23
Nitrobenzene-d5
Concen: 66.656 ng
RT: 7.228 min Scan# 874
Delta R.T. -0.006 min
Lab File: BF130323.D
Acq: 19 Sep 2022 16:25

Tgt Ion: 82	Resp: 487505
Ion Ratio	Lower Upper
82 100	
128 45.4	32.6 49.0
54 49.7	43.8 65.6

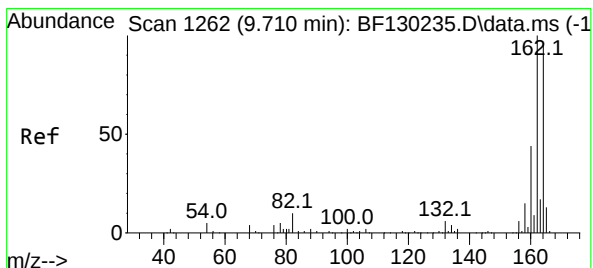
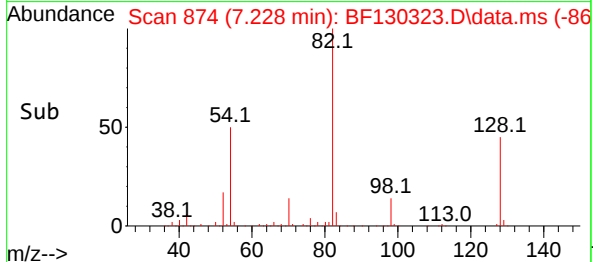
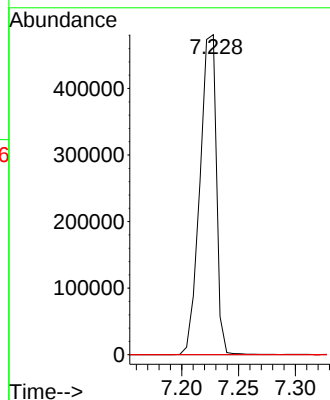
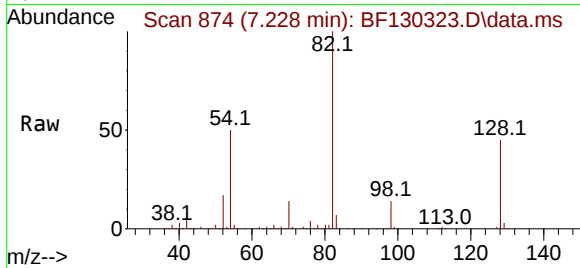




#25
Isophorone
Concen: 41.231 ng
RT: 7.228 min Scan# 81
Delta R.T. -0.265 min
Lab File: BF130323.D
Acq: 19 Sep 2022 16:25

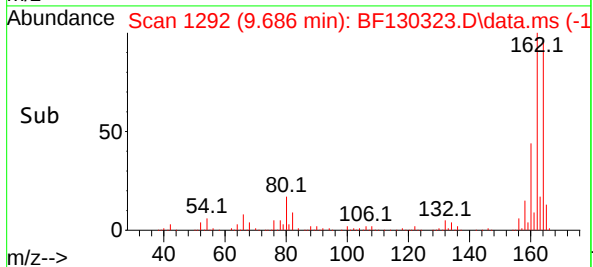
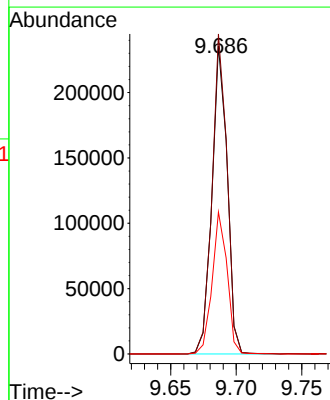
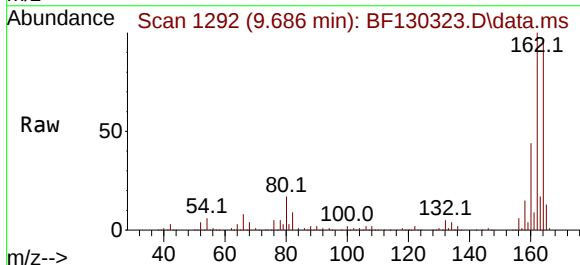
Instrument :
BNA_F
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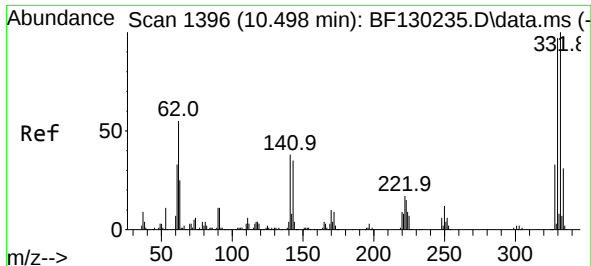
Tgt Ion: 82 Resp: 486036
Ion Ratio Lower Upper
82 100
95 0.0 6.4 9.6#
138 0.0 13.8 20.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.686 min Scan# 1292
Delta R.T. -0.006 min
Lab File: BF130323.D
Acq: 19 Sep 2022 16:25

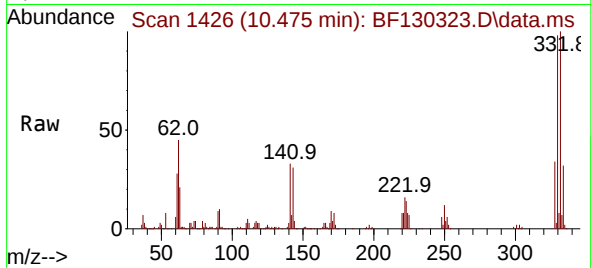
Tgt Ion: 164 Resp: 191010
Ion Ratio Lower Upper
164 100
162 103.9 81.4 122.0
160 46.1 36.2 54.4



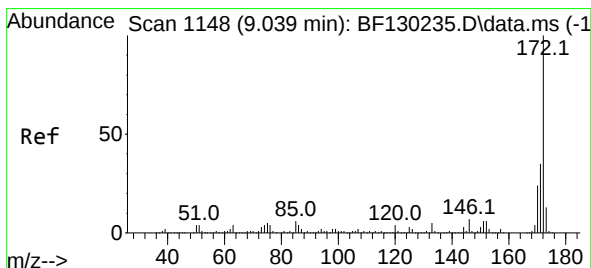
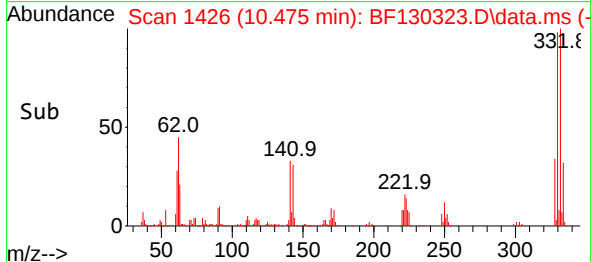
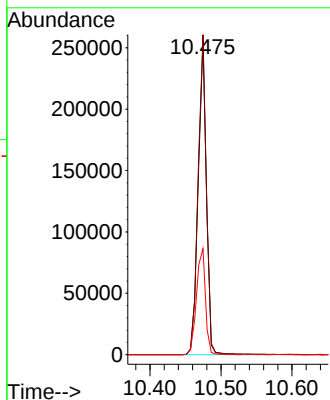


#42
2,4,6-Tribromophenol
Concen: 113.591 ng
RT: 10.475 min Scan# 1426
Delta R.T. -0.006 min
Lab File: BF130323.D
Acq: 19 Sep 2022 16:25

Instrument :
BNA_F
ClientSampleId :
INCINERATOR-ASH

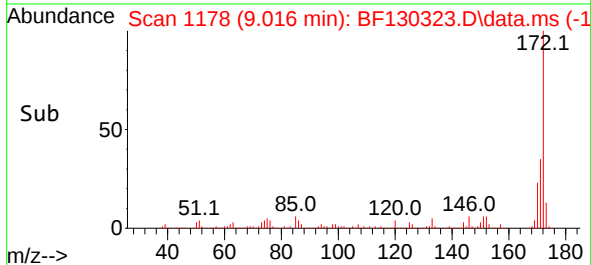
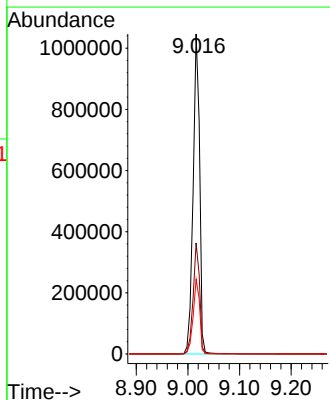
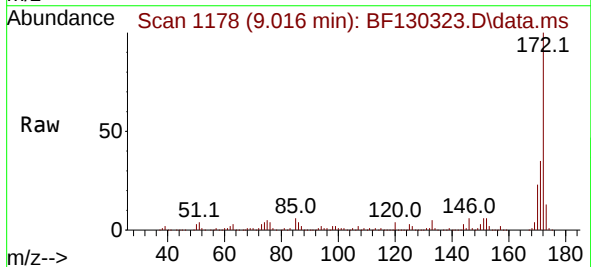


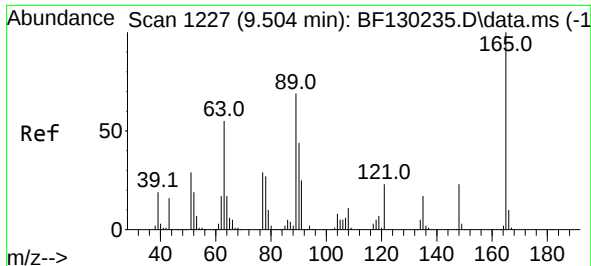
Tgt Ion:330 Resp: 207898
Ion Ratio Lower Upper
330 100
332 102.1 83.4 125.2
141 36.8 34.0 51.0



#45
2-Fluorobiphenyl
Concen: 70.037 ng
RT: 9.016 min Scan# 1178
Delta R.T. -0.006 min
Lab File: BF130323.D
Acq: 19 Sep 2022 16:25

Tgt Ion:172 Resp: 918685
Ion Ratio Lower Upper
172 100
171 34.7 28.3 42.5
170 23.3 18.7 28.1

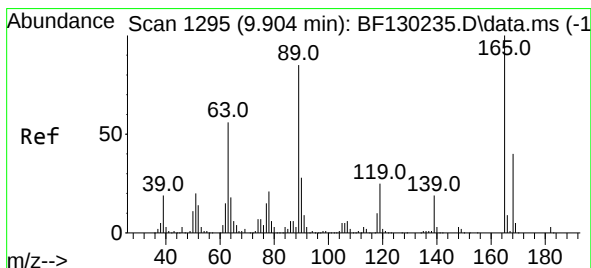
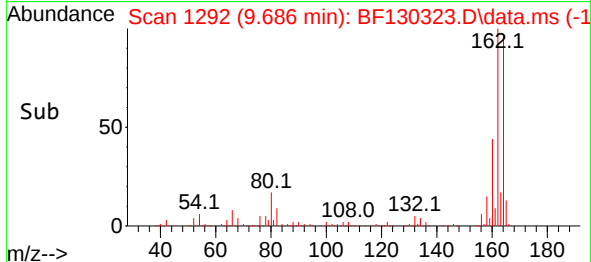
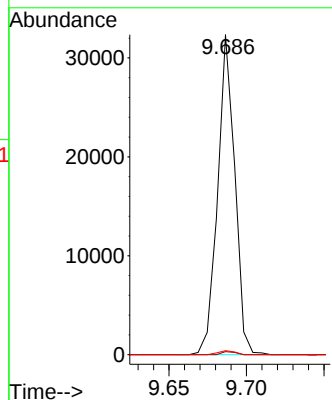
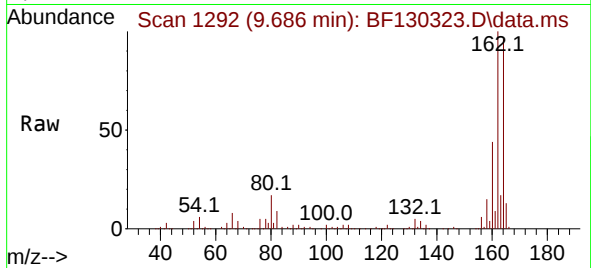




#51
2,6-Dinitrotoluene
Concen: 9.018 ng
RT: 9.686 min Scan# 1292
Delta R.T. 0.200 min
Lab File: BF130323.D
Acq: 19 Sep 2022 16:25

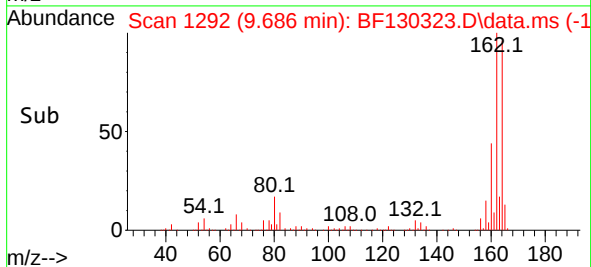
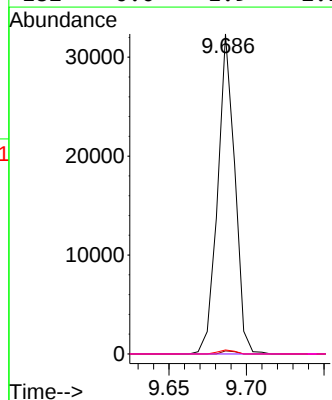
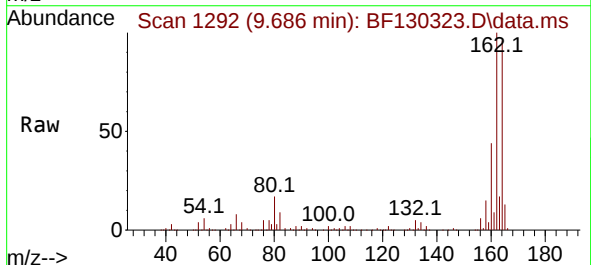
Instrument :
BNA_F
ClientSampleId :
INCINERATOR-ASH

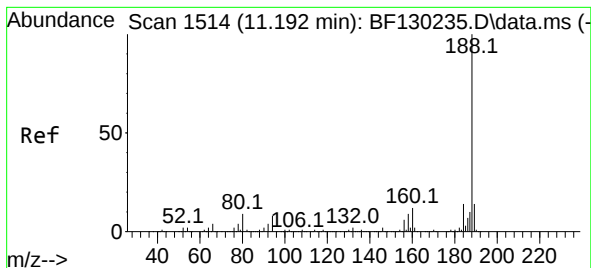
Tgt Ion:165 Resp: 24884
Ion Ratio Lower Upper
165 100
63 1.0 58.8 88.2#
89 1.3 54.5 81.7#



#57
2,4-Dinitrotoluene
Concen: 7.056 ng
RT: 9.686 min Scan# 1292
Delta R.T. -0.200 min
Lab File: BF130323.D
Acq: 19 Sep 2022 16:25

Tgt Ion:165 Resp: 24884
Ion Ratio Lower Upper
165 100
63 1.0 44.7 67.1#
89 1.3 69.0 103.4#
182 0.0 1.9 2.9#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.169 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF130323.D

Acq: 19 Sep 2022 16:25

Instrument :

BNA_F

ClientSampleId :

INCINERATOR-ASH

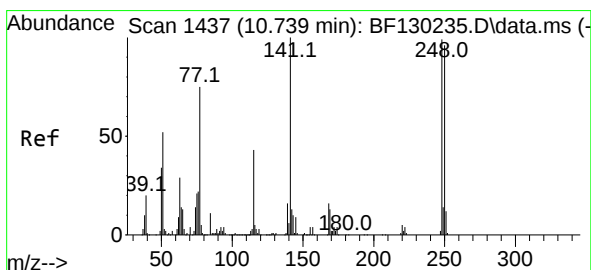
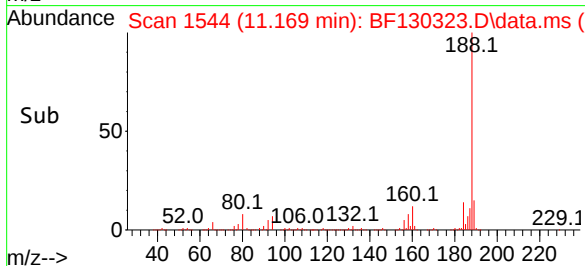
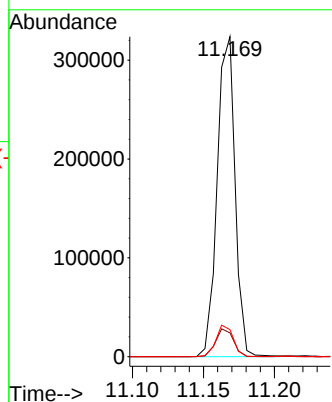
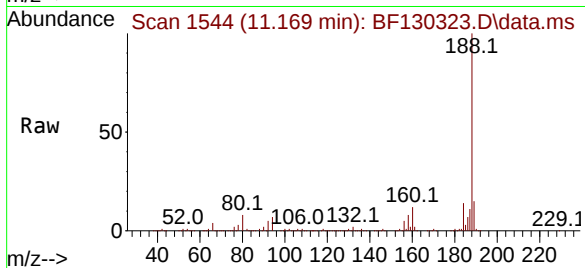
Tgt Ion:188 Resp: 283342

Ion Ratio Lower Upper

188 100

94 7.5 7.4 11.2

80 8.4 7.9 11.9



#67

4-Bromophenyl-phenylether

Concen: 3.998 ng

RT: 10.475 min Scan# 1426

Delta R.T. -0.247 min

Lab File: BF130323.D

Acq: 19 Sep 2022 16:25

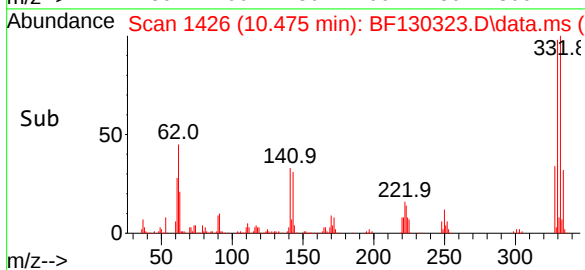
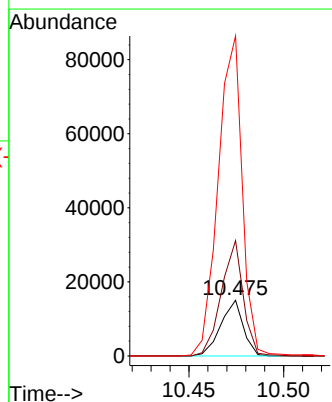
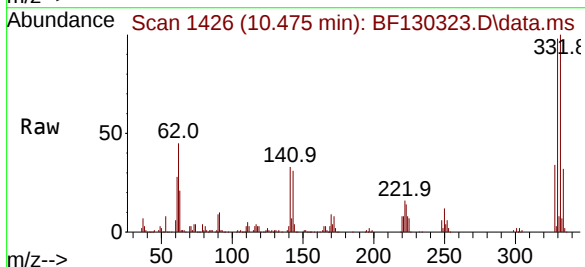
Tgt Ion:248 Resp: 12498

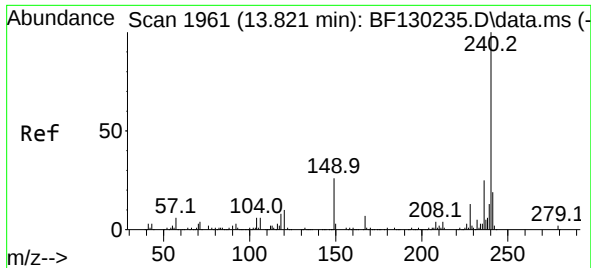
Ion Ratio Lower Upper

248 100

250 207.3 80.0 120.0#

141 574.6 68.5 102.7#

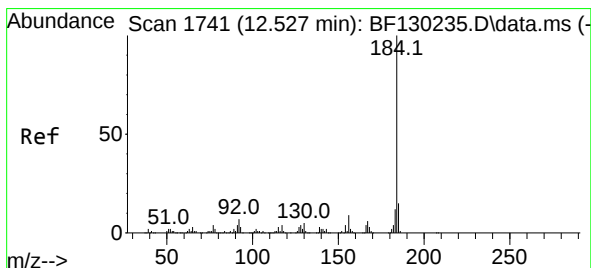
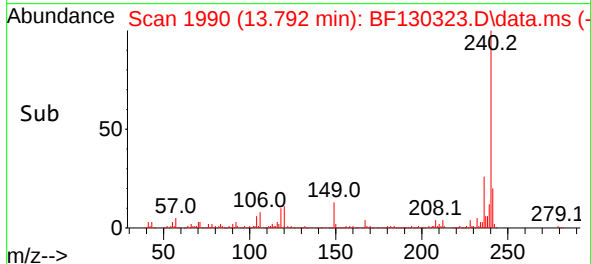
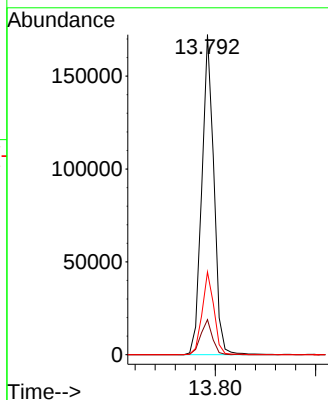
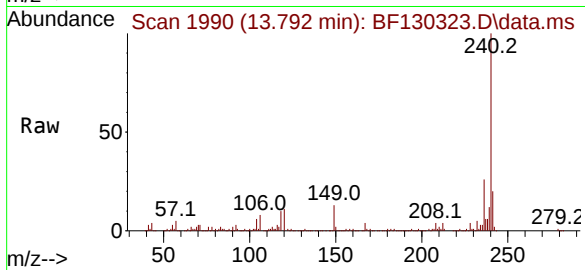




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.792 min Scan# 1813
Delta R.T. -0.012 min
Lab File: BF130323.D
Acq: 19 Sep 2022 16:25

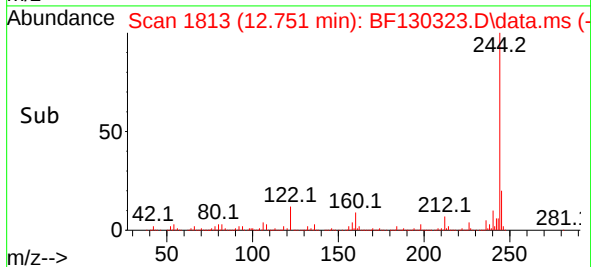
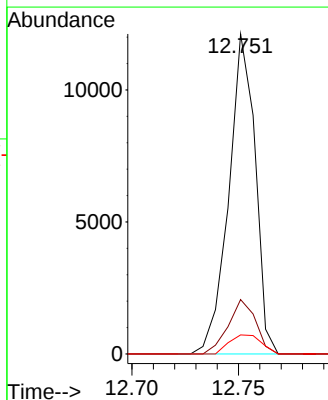
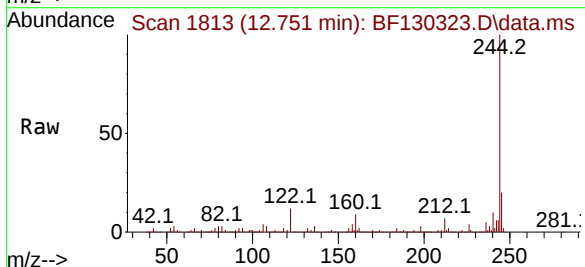
Instrument :
BNA_F
ClientSampleId :
INCINERATOR-ASH

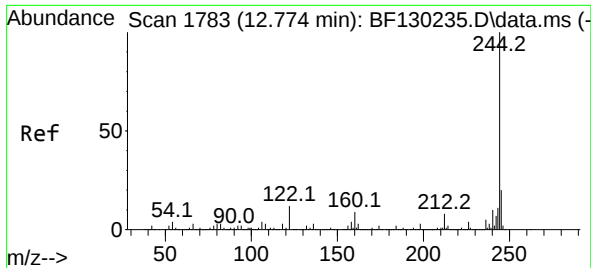
Tgt Ion:240 Resp: 144752
Ion Ratio Lower Upper
240 100
120 11.0 8.7 13.1
236 25.9 20.9 31.3



#77
Benzidine
Concen: 2.485 ng
RT: 12.751 min Scan# 1813
Delta R.T. 0.241 min
Lab File: BF130323.D
Acq: 19 Sep 2022 16:25

Tgt Ion:184 Resp: 10441
Ion Ratio Lower Upper
184 100
185 17.0 11.8 17.6
183 5.9 9.1 13.7#

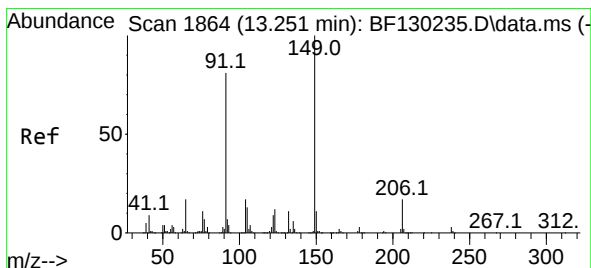
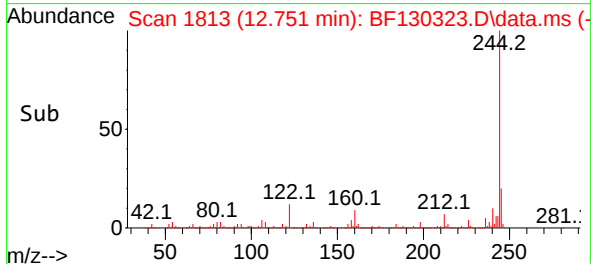
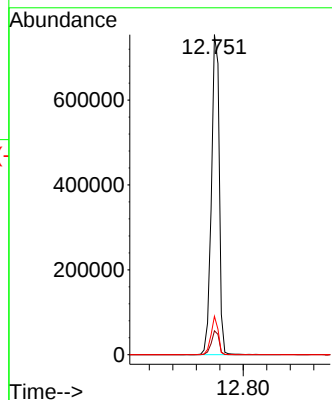
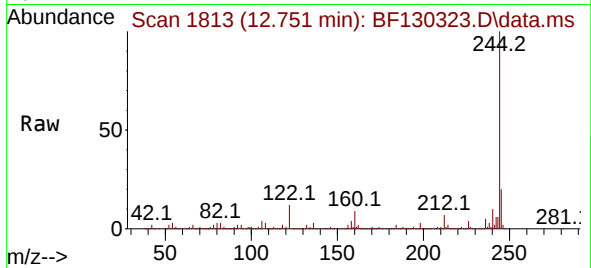




#79
 Terphenyl-d14
 Concen: 80.087 ng
 RT: 12.751 min Scan# 1813
 Delta R.T. -0.006 min
 Lab File: BF130323.D
 Acq: 19 Sep 2022 16:25

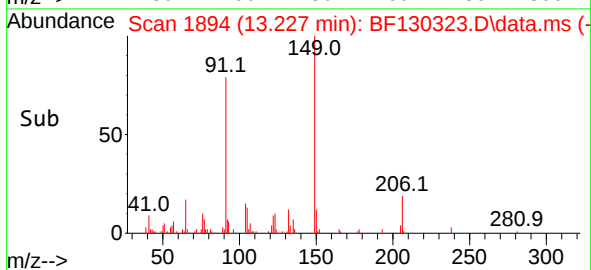
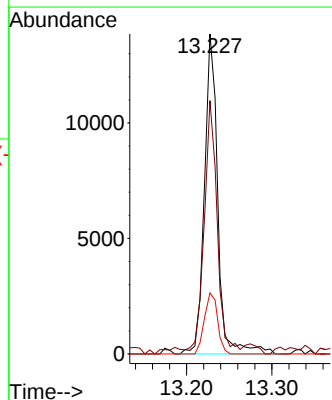
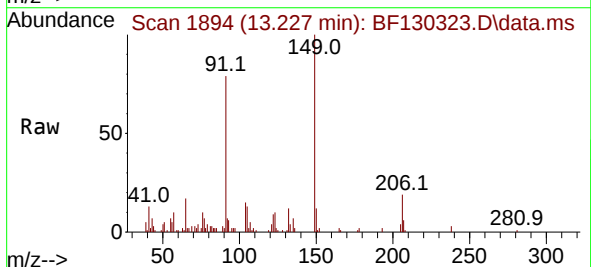
Instrument :
 BNA_F
 ClientSampleId :
 INCINERATOR-ASH

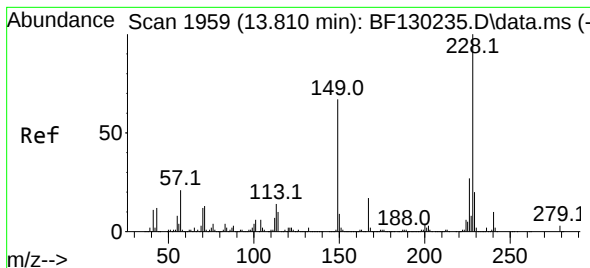
Tgt Ion:244 Resp: 699840
 Ion Ratio Lower Upper
 244 100
 212 7.5 5.9 8.9
 122 12.0 8.5 12.7



#80
 Butylbenzylphthalate
 Concen: 3.211 ng
 RT: 13.227 min Scan# 1894
 Delta R.T. -0.006 min
 Lab File: BF130323.D
 Acq: 19 Sep 2022 16:25

Tgt Ion:149 Resp: 15064
 Ion Ratio Lower Upper
 149 100
 91 79.2 59.8 89.8
 206 19.1 13.9 20.9





#81

Benzo(a)anthracene

Concen: 3.341 ng

RT: 13.780 min Scan# 1959

Delta R.T. -0.012 min

Lab File: BF130323.D

Acq: 19 Sep 2022 16:25

Instrument :

BNA_F

ClientSampleId :

INCINERATOR-ASH

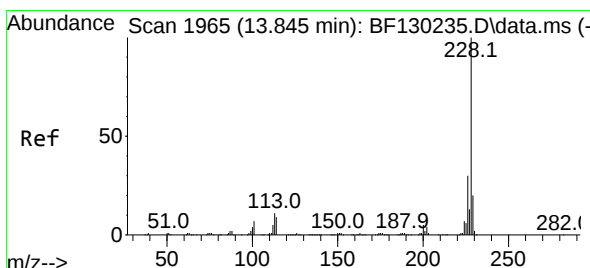
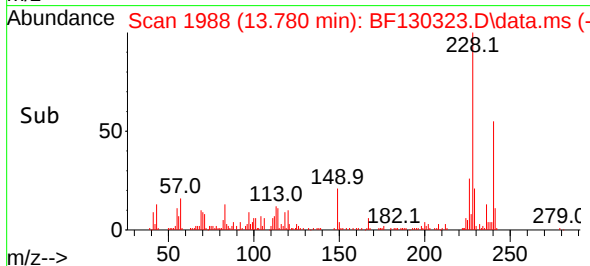
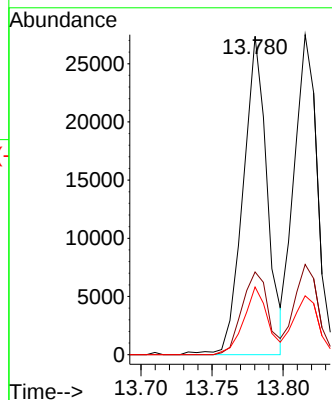
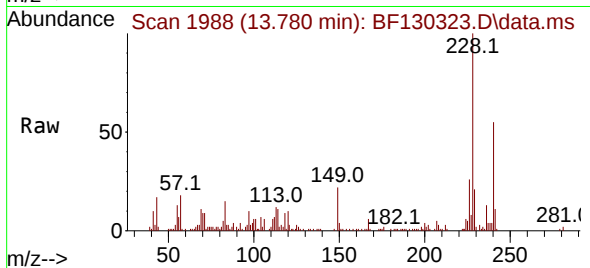
Tgt Ion:228 Resp: 32175

Ion Ratio Lower Upper

228 100

226 26.0 21.9 32.9

229 21.3 16.1 24.1



#83

Chrysene

Concen: 3.477 ng

RT: 13.816 min Scan# 1994

Delta R.T. -0.012 min

Lab File: BF130323.D

Acq: 19 Sep 2022 16:25

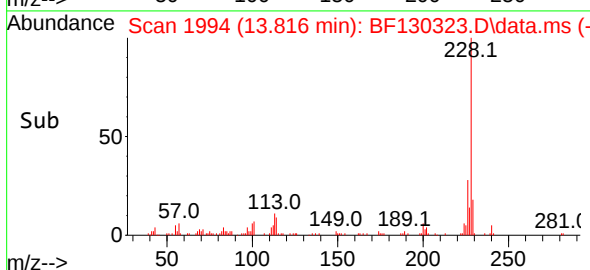
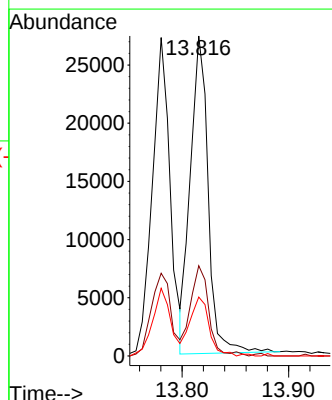
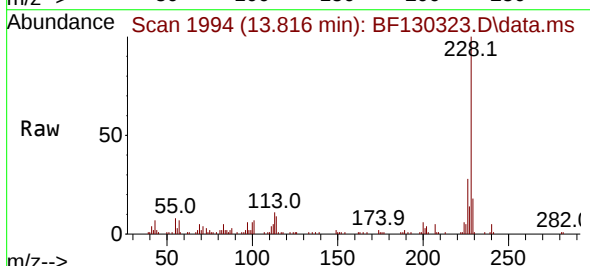
Tgt Ion:228 Resp: 31788

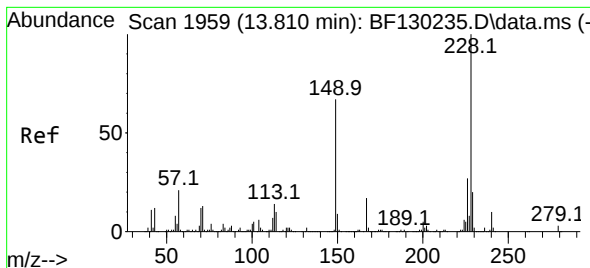
Ion Ratio Lower Upper

228 100

226 28.2 23.8 35.8

229 18.4 15.3 22.9

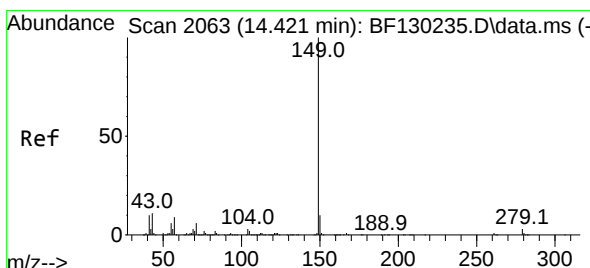
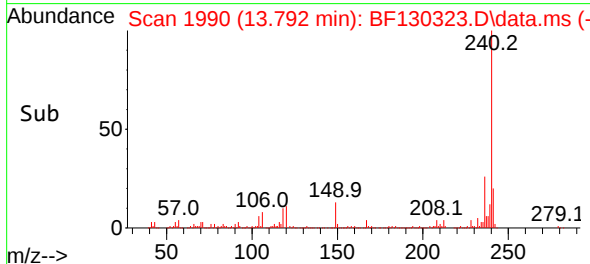
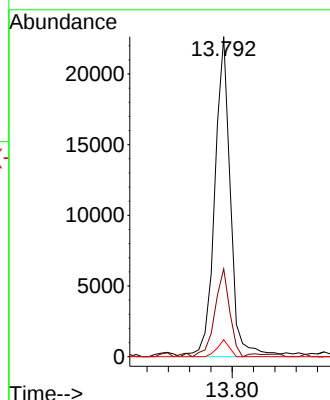
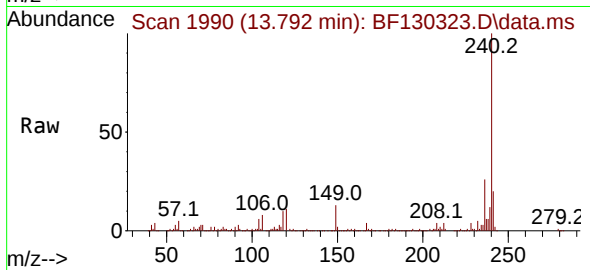




#84
Bis(2-ethylhexyl)phthalate
Concen: 4.293 ng
RT: 13.792 min Scan# 1959
Delta R.T. 0.000 min
Lab File: BF130323.D
Acq: 19 Sep 2022 16:25

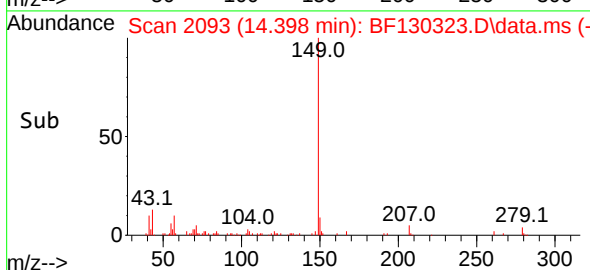
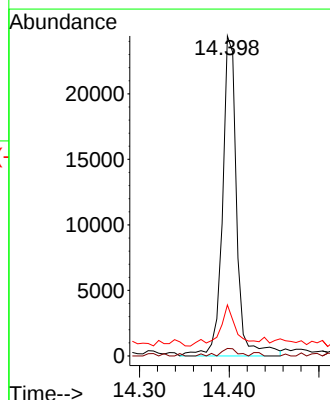
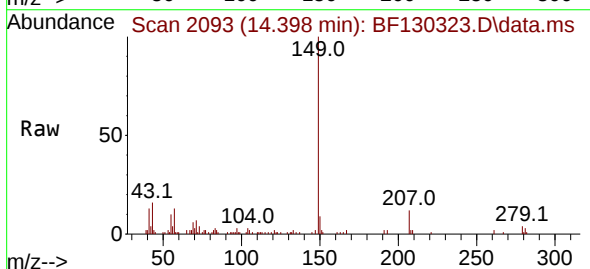
Instrument :
BNA_F
ClientSampleId :
INCINERATOR-ASH

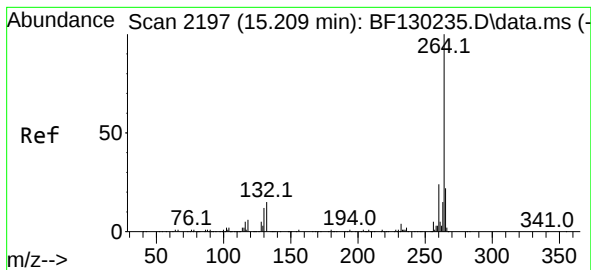
Tgt Ion:149 Resp: 23068
Ion Ratio Lower Upper
149 100
167 27.5 20.5 30.7
279 5.3 2.9 4.3#



#85
Di-n-octyl phthalate
Concen: 3.278 ng
RT: 14.398 min Scan# 2093
Delta R.T. -0.006 min
Lab File: BF130323.D
Acq: 19 Sep 2022 16:25

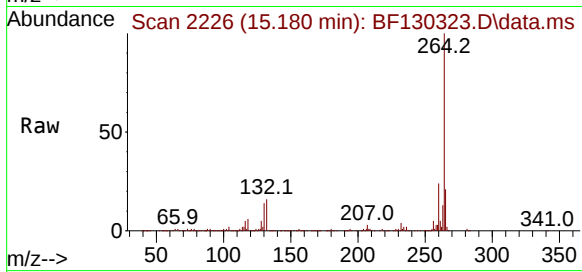
Tgt Ion:149 Resp: 26941
Ion Ratio Lower Upper
149 100
167 2.6 1.2 1.8#
43 15.0 8.7 13.1#





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.180 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF130323.D
Acq: 19 Sep 2022 16:25

Instrument :
BNA_F
ClientSampleId :
INCINERATOR-ASH



Tgt Ion:264 Resp: 187137
Ion Ratio Lower Upper
264 100
260 24.0 19.3 28.9
265 21.0 17.0 25.4

