

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011123\
 Data File : BF132031.D
 Acq On : 11 Jan 2023 19:33
 Operator : CG\JU
 Sample : 01094-03
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 STOCKPILE-B

Quant Time: Jan 12 00:37:38 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF010923.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 10 00:32:25 2023
 Response via : Initial Calibration

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

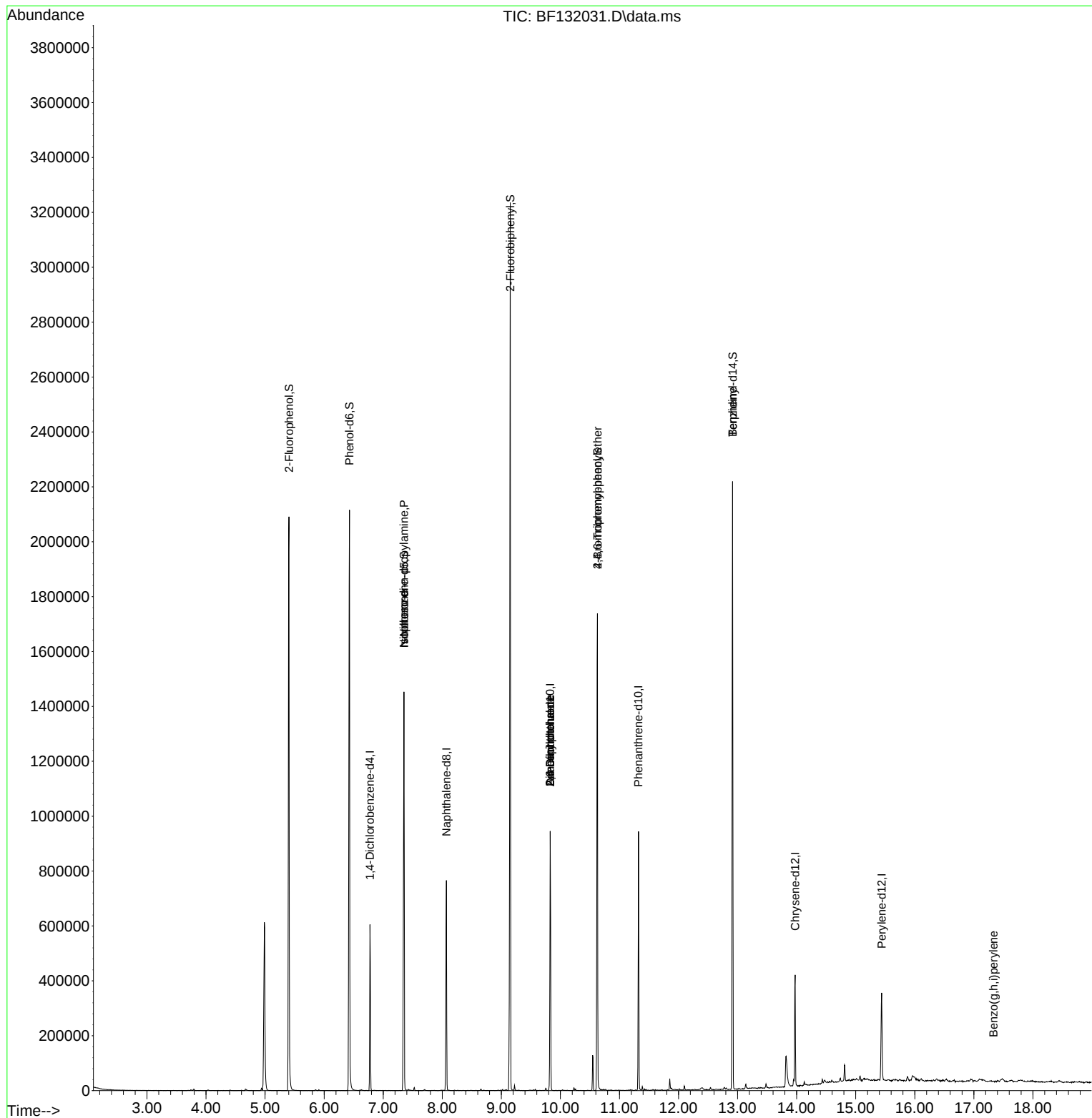
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.775	152	81096	20.000	ng	-0.01
21) Naphthalene-d8	8.069	136	308225	20.000	ng	-0.01
39) Acenaphthene-d10	9.828	164	176019	20.000	ng	-0.01
64) Phenanthrene-d10	11.322	188	300304	20.000	ng	-0.01
76) Chrysene-d12	13.974	240	131610	20.000	ng	-0.01
86) Perylene-d12	15.439	264	145645	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.404	112	551473	112.053	ng	0.01
7) Phenol-d6	6.428	99	716808	109.850	ng	0.00
23) Nitrobenzene-d5	7.351	82	517683	69.708	ng	-0.02
42) 2,4,6-Tribromophenol	10.628	330	189848	93.806	ng	-0.01
45) 2-Fluorobiphenyl	9.151	172	923116	70.798	ng	-0.01
79) Terphenyl-d14	12.916	244	693510	75.525	ng	-0.01
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.351	70	72061	15.266	ng	# 78
25) Isophorone	7.351	82	511977	36.902	ng	# 69
50) Dimethylphthalate	9.828	163	35314	2.574	ng	# 1
51) 2,6-Dinitrotoluene	9.828	165	22344	7.743	ng	# 22
57) 2,4-Dinitrotoluene	9.828	165	22344	5.791	ng	# 13
67) 4-Bromophenyl-phenylether	10.628	248	12824	3.414	ng	# 1
77) Benzidine	12.916	184	10860	2.484	ng	# 92
92) Benzo(g,h,i)perylene	17.333	276	716	3.608	ng	# 58

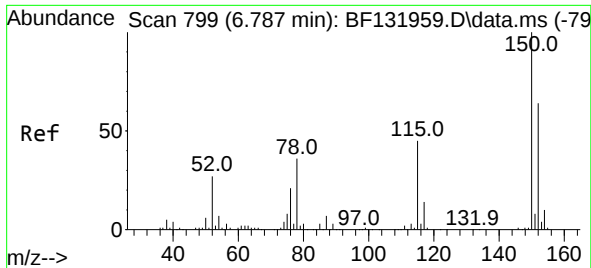
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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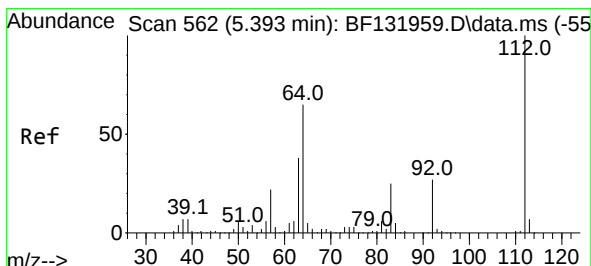
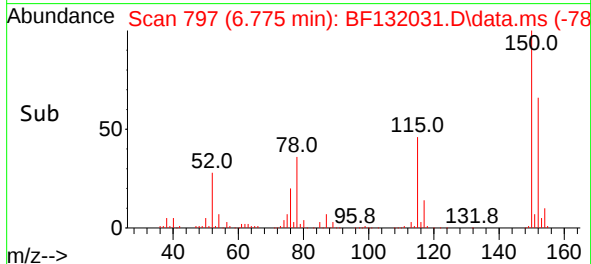
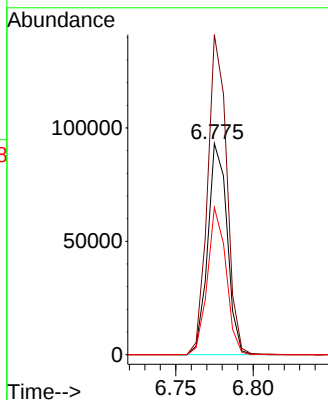
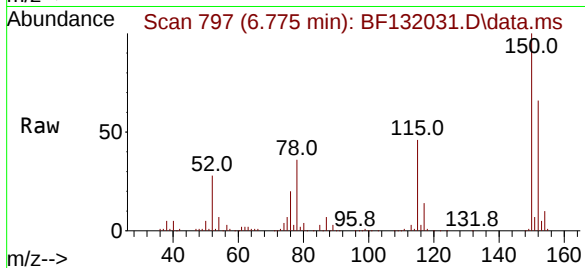




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.775 min Scan# 799
Delta R.T. -0.012 min
Lab File: BF132031.D
Acq: 11 Jan 2023 19:33

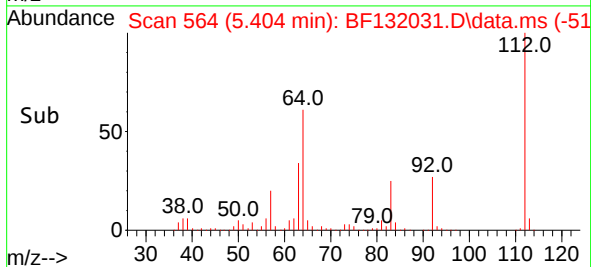
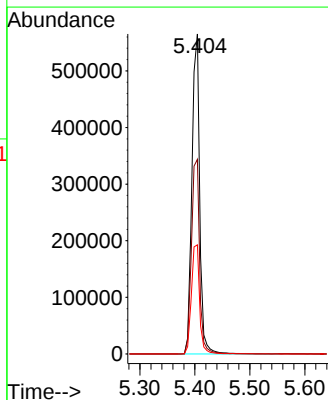
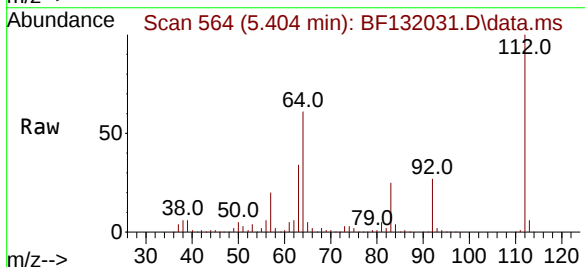
Instrument :
BNA_F
ClientSampleId :
STOCKPILE-B

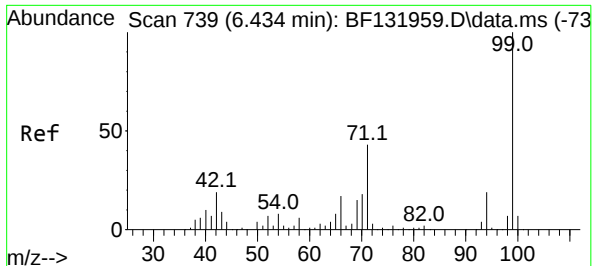
Tgt Ion:152 Resp: 81096
Ion Ratio Lower Upper
152 100
150 151.5 124.6 186.8
115 69.7 55.6 83.4



#5
2-Fluorophenol
Concen: 112.053 ng
RT: 5.404 min Scan# 564
Delta R.T. 0.012 min
Lab File: BF132031.D
Acq: 11 Jan 2023 19:33

Tgt Ion:112 Resp: 551473
Ion Ratio Lower Upper
112 100
64 60.8 51.9 77.9
63 34.1 30.2 45.2

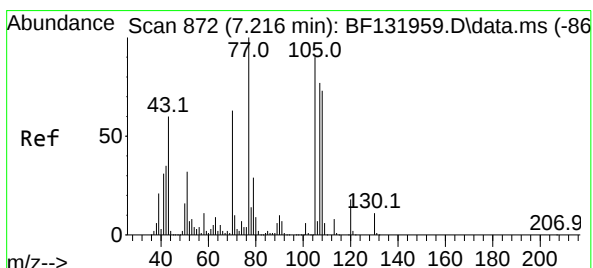
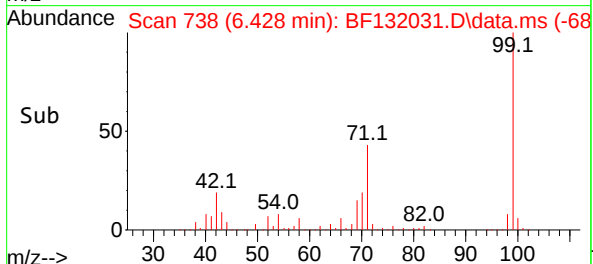
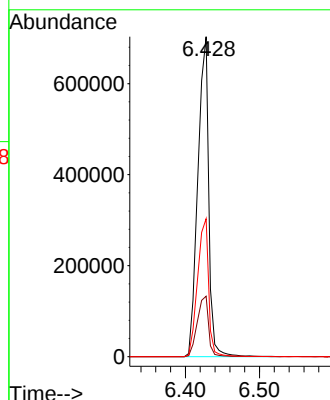
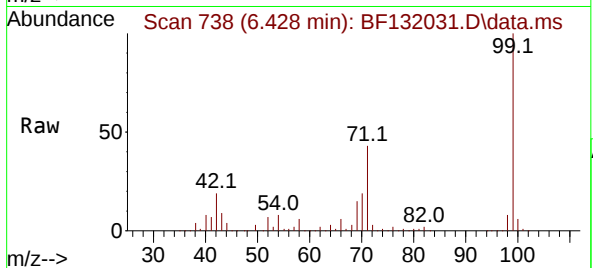




#7
Phenol-d6
Concen: 109.850 ng
RT: 6.428 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF132031.D
Acq: 11 Jan 2023 19:33

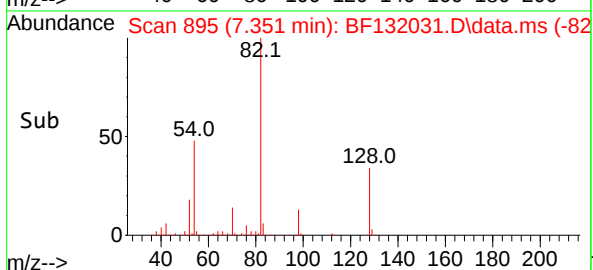
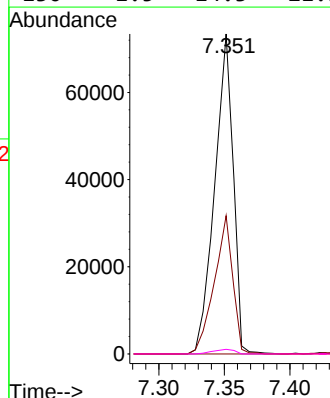
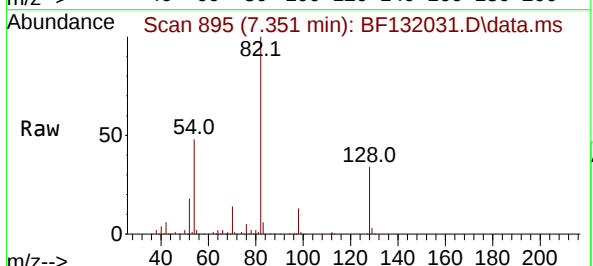
Instrument :
BNA_F
ClientSampleId :
STOCKPILE-B

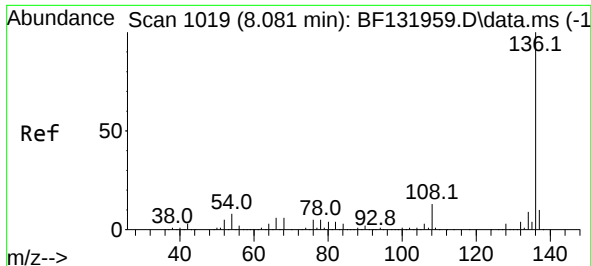
Tgt Ion: 99 Resp: 716808
Ion Ratio Lower Upper
99 100
42 18.9 15.4 23.2
71 43.1 34.6 51.8



#19
n-Nitroso-di-n-propylamine
Concen: 15.266 ng
RT: 7.351 min Scan# 895
Delta R.T. 0.135 min
Lab File: BF132031.D
Acq: 11 Jan 2023 19:33

Tgt Ion: 70 Resp: 72061
Ion Ratio Lower Upper
70 100
42 43.2 44.3 66.5#
101 0.0 7.5 11.3#
130 1.5 14.3 21.5#





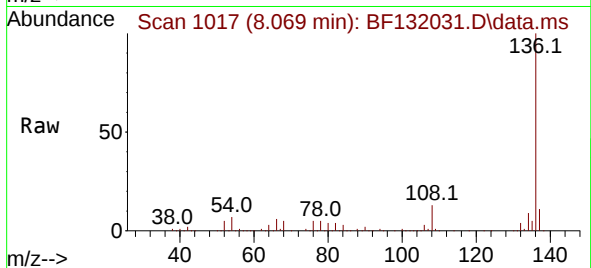
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.069 min Scan# 1019
Delta R.T. -0.012 min
Lab File: BF132031.D
Acq: 11 Jan 2023 19:33

Instrument :

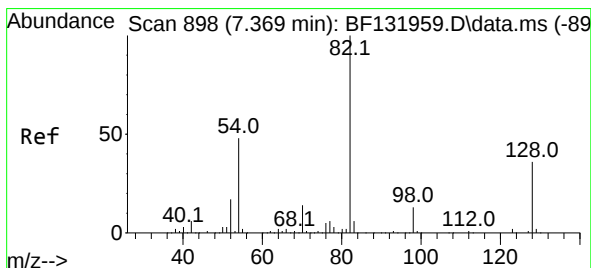
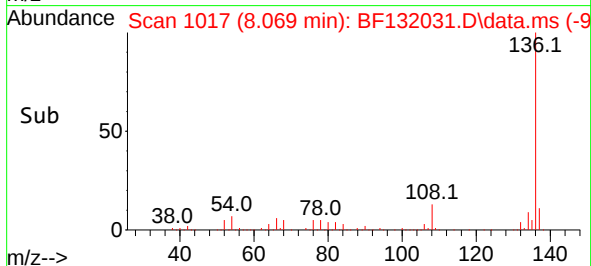
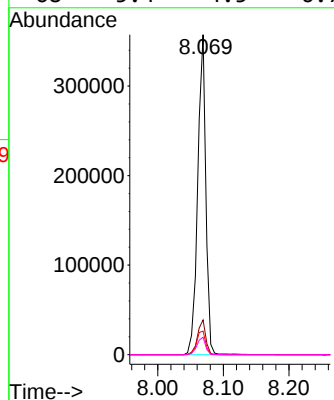
BNA_F

ClientSampleId :

STOCKPILE-B

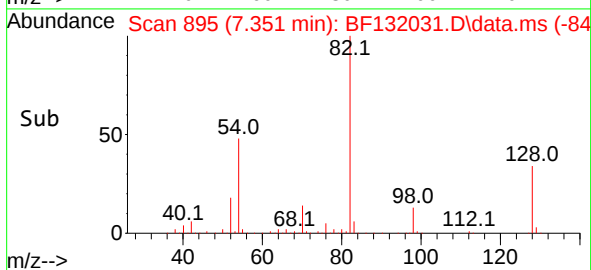
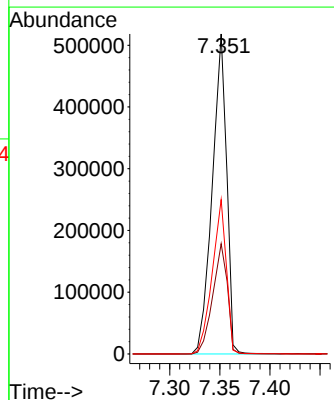
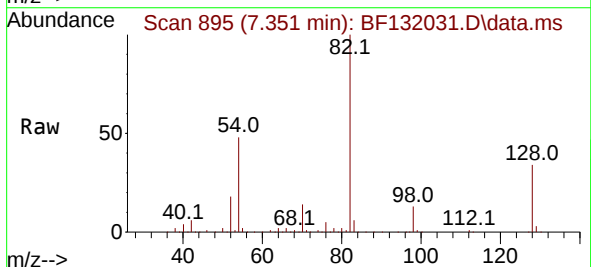


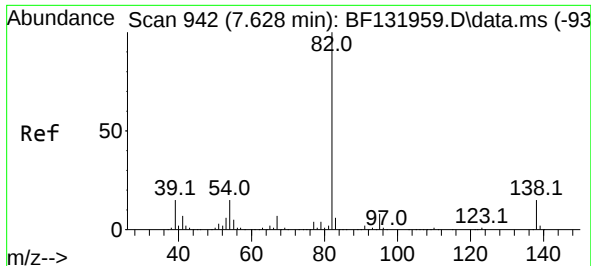
Tgt Ion:136 Resp: 308225
Ion Ratio Lower Upper
136 100
137 10.9 8.2 12.2
54 7.3 6.6 9.8
68 5.4 4.5 6.7



#23
Nitrobenzene-d5
Concen: 69.708 ng
RT: 7.351 min Scan# 895
Delta R.T. -0.018 min
Lab File: BF132031.D
Acq: 11 Jan 2023 19:33

Tgt Ion: 82 Resp: 517683
Ion Ratio Lower Upper
82 100
128 34.5 28.7 43.1
54 48.2 38.1 57.1

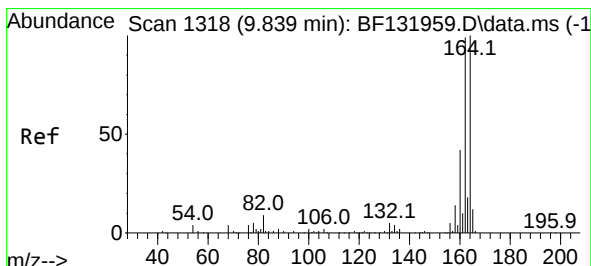
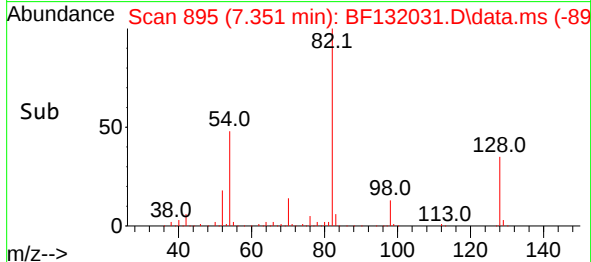
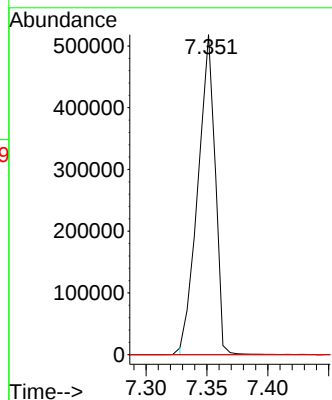
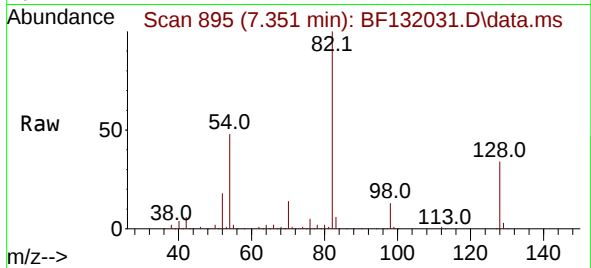




#25
Isophorone
Concen: 36.902 ng
RT: 7.351 min Scan# 895
Delta R.T. -0.276 min
Lab File: BF132031.D
Acq: 11 Jan 2023 19:33

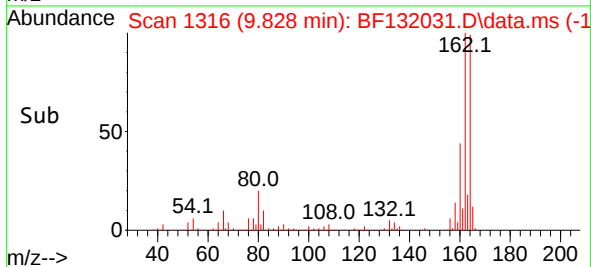
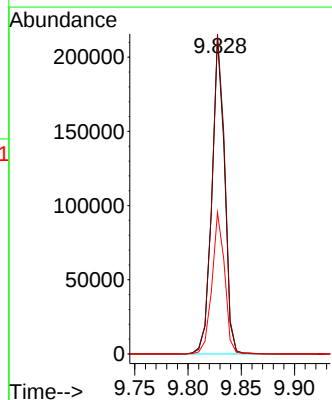
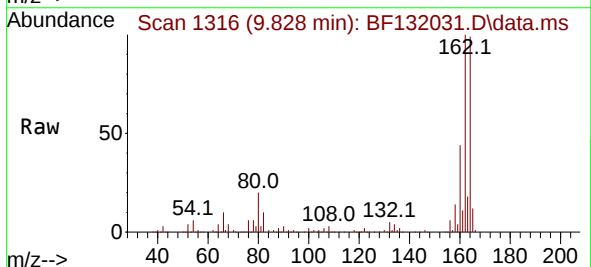
Instrument :
BNA_F
ClientSampleId :
STOCKPILE-B

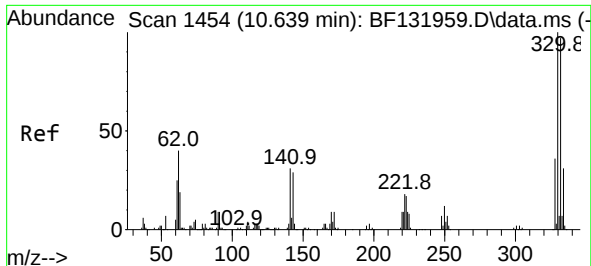
Tgt Ion: 82 Resp: 511977
Ion Ratio Lower Upper
82 100
95 0.0 6.5 9.7#
138 0.0 11.9 17.9#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.828 min Scan# 1316
Delta R.T. -0.012 min
Lab File: BF132031.D
Acq: 11 Jan 2023 19:33

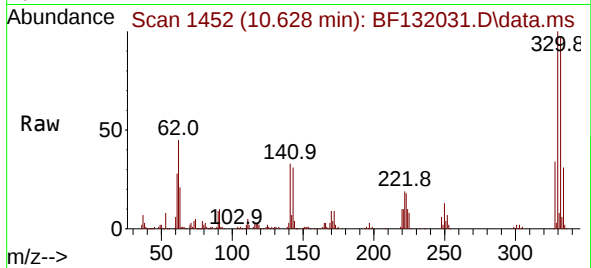
Tgt Ion:164 Resp: 176019
Ion Ratio Lower Upper
164 100
162 101.0 79.4 119.0
160 44.7 33.9 50.9





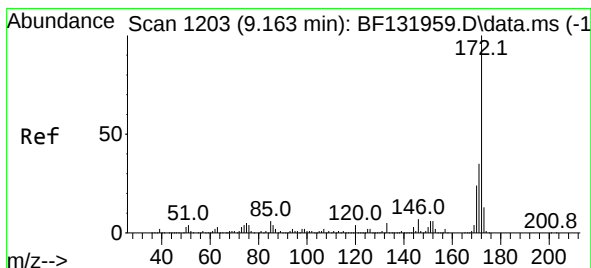
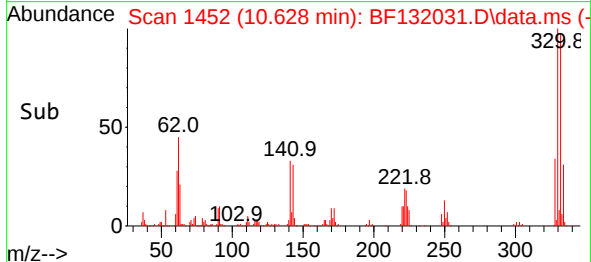
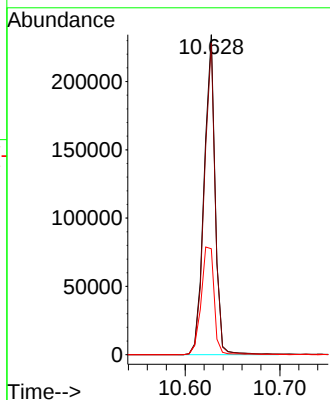
#42
 2,4,6-Tribromophenol
 Concen: 93.806 ng
 RT: 10.628 min Scan# 1454
 Delta R.T. -0.012 min
 Lab File: BF132031.D
 Acq: 11 Jan 2023 19:33

Instrument :
 BNA_F
 ClientSampleId :
 STOCKPILE-B



Tgt Ion: 330 Resp: 189848

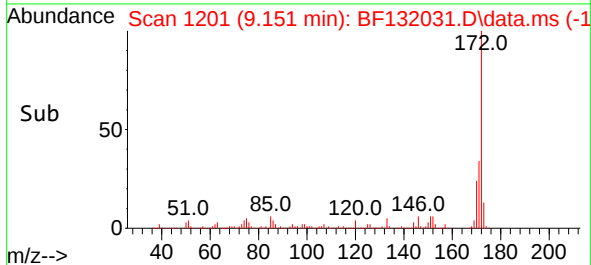
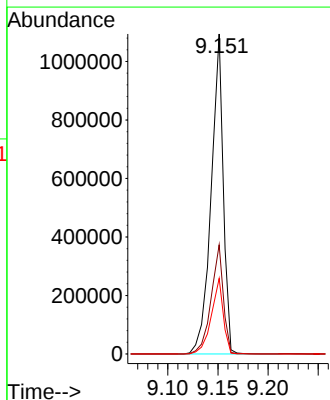
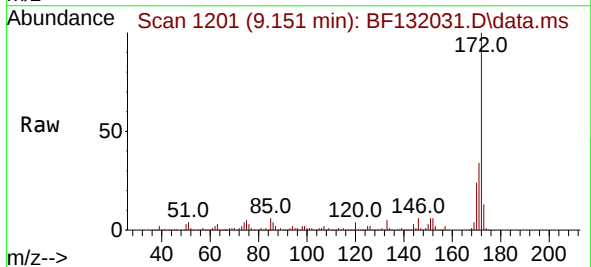
Ion	Ratio	Lower	Upper
330	100		
332	96.7	76.9	115.3
141	39.8	31.3	46.9

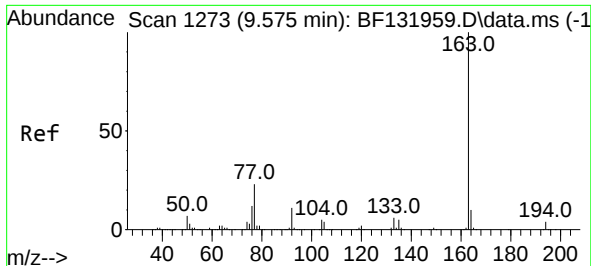


#45
 2-Fluorobiphenyl
 Concen: 70.798 ng
 RT: 9.151 min Scan# 1201
 Delta R.T. -0.012 min
 Lab File: BF132031.D
 Acq: 11 Jan 2023 19:33

Tgt Ion: 172 Resp: 923116

Ion	Ratio	Lower	Upper
172	100		
171	34.1	28.0	42.0
170	23.6	18.9	28.3

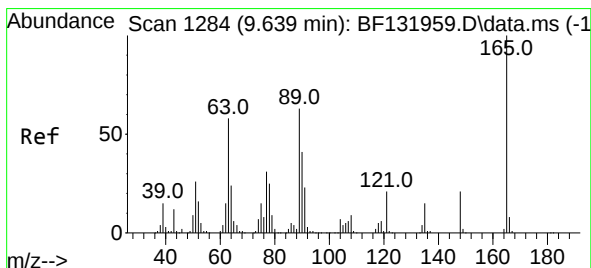
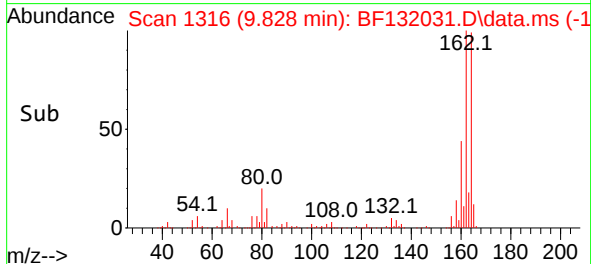
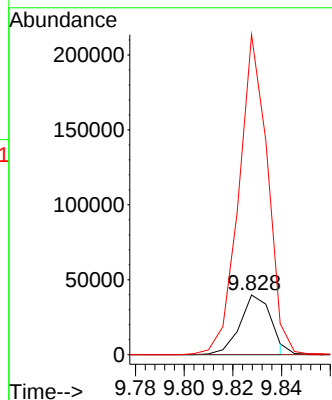
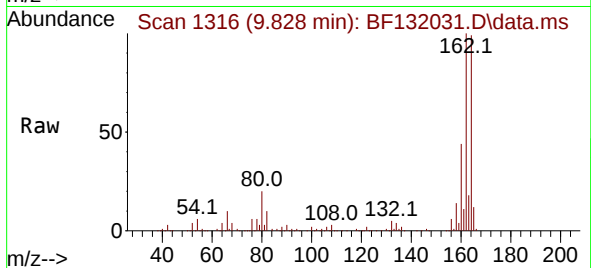




#50
Dimethylphthalate
Concen: 2.574 ng
RT: 9.828 min Scan# 1316
Delta R.T. 0.253 min
Lab File: BF132031.D
Acq: 11 Jan 2023 19:33

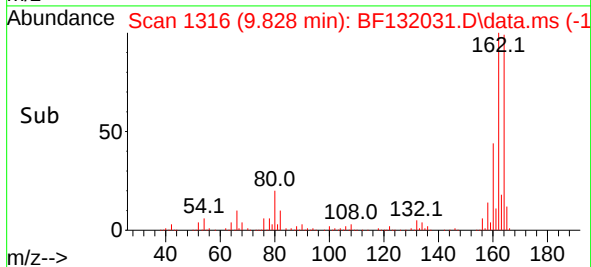
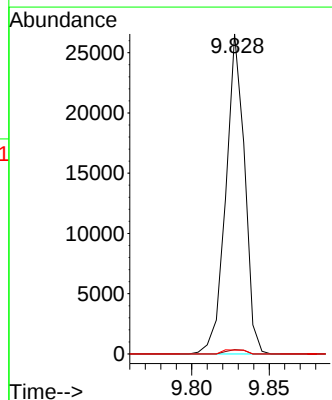
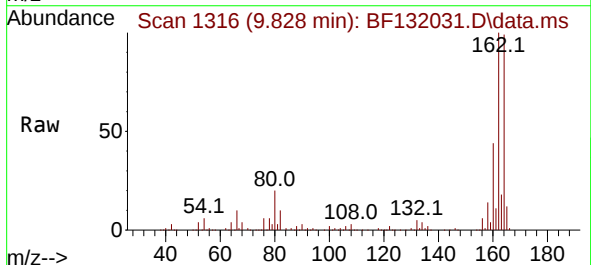
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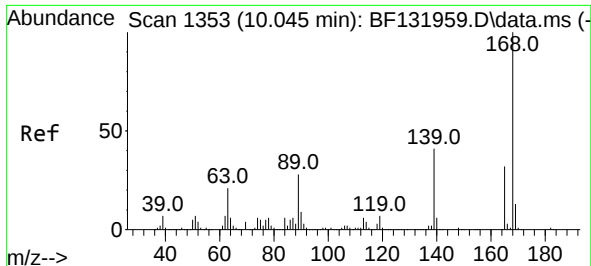
Tgt Ion:163 Resp: 35314
Ion Ratio Lower Upper
163 100
194 0.0 3.1 4.7#
164 535.5 7.8 11.6#



#51
2,6-Dinitrotoluene
Concen: 7.743 ng
RT: 9.828 min Scan# 1316
Delta R.T. 0.189 min
Lab File: BF132031.D
Acq: 11 Jan 2023 19:33

Tgt Ion:165 Resp: 22344
Ion Ratio Lower Upper
165 100
63 1.4 47.4 71.0#
89 1.2 50.2 75.2#

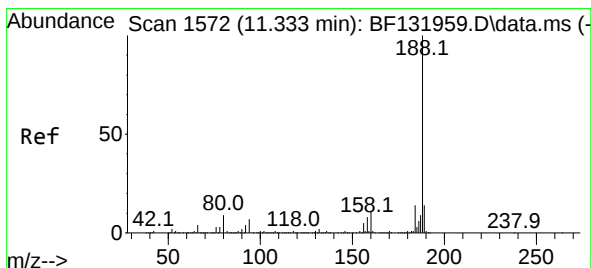
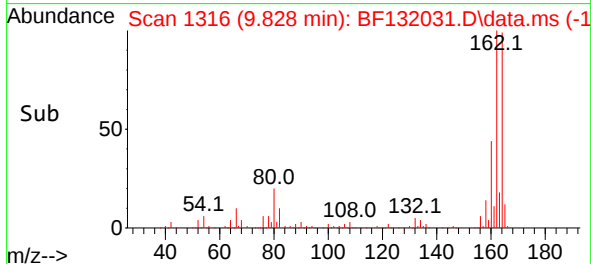
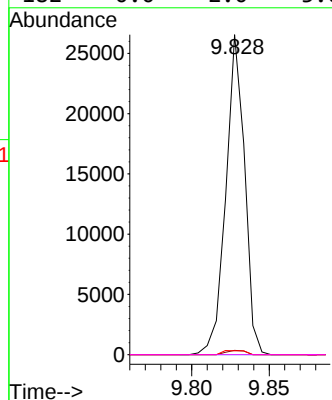
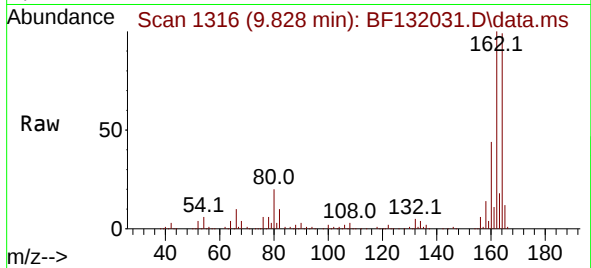




#57
2,4-Dinitrotoluene
Concen: 5.791 ng
RT: 9.828 min Scan# 11
Delta R.T. -0.218 min
Lab File: BF132031.D
Acq: 11 Jan 2023 19:33

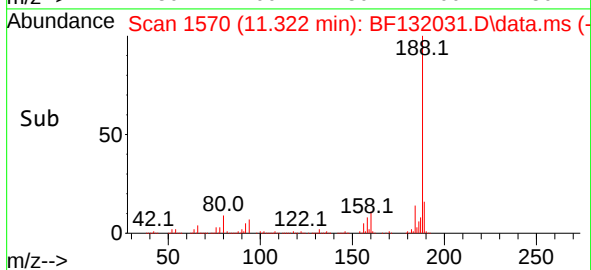
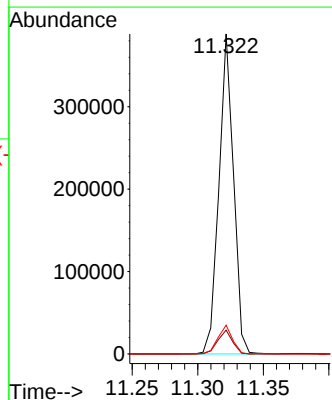
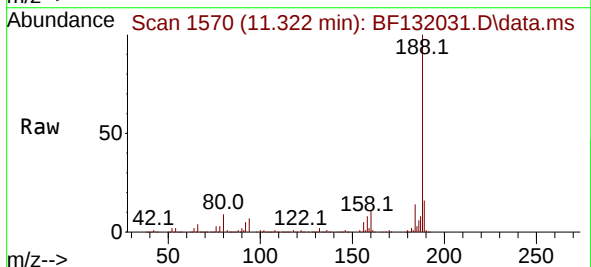
Instrument :
BNA_F
ClientSampleId :
STOCKPILE-B

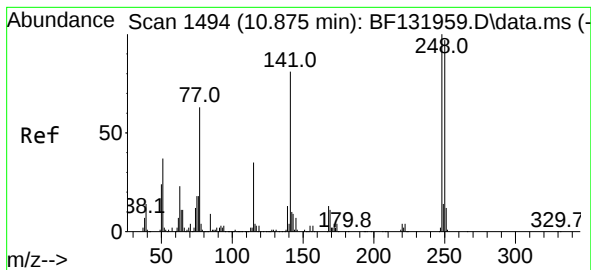
Tgt Ion:165 Resp: 22344
Ion Ratio Lower Upper
165 100
63 1.4 53.2 79.8#
89 1.2 71.2 106.8#
182 0.0 2.0 3.0#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.322 min Scan# 1570
Delta R.T. -0.012 min
Lab File: BF132031.D
Acq: 11 Jan 2023 19:33

Tgt Ion:188 Resp: 300304
Ion Ratio Lower Upper
188 100
94 7.5 5.8 8.6
80 9.0 7.4 11.0

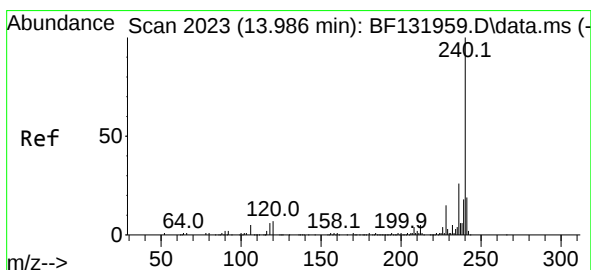
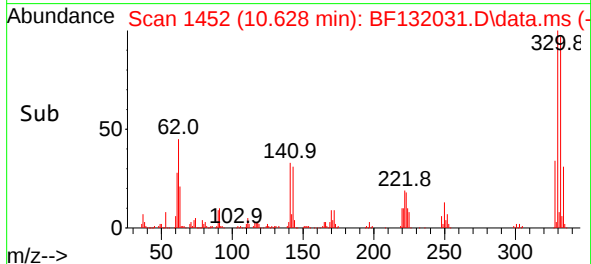
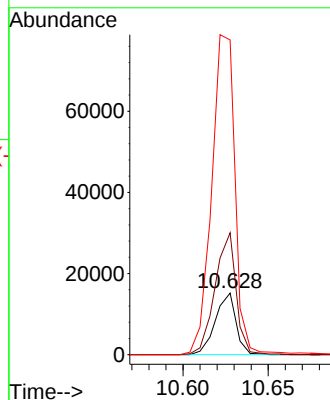
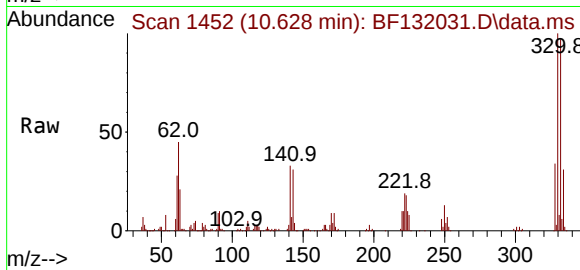




#67
4-Bromophenyl-phenylether
Concen: 3.414 ng
RT: 10.628 min Scan# 1494
Delta R.T. -0.247 min
Lab File: BF132031.D
Acq: 11 Jan 2023 19:33

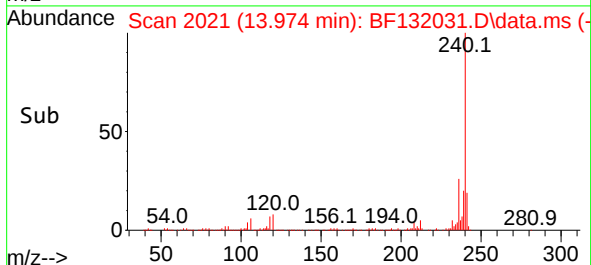
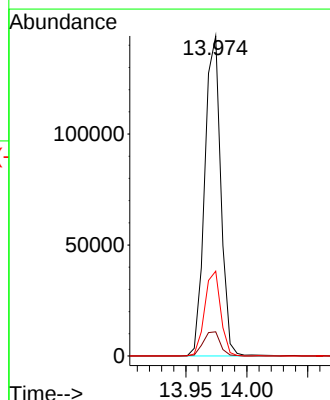
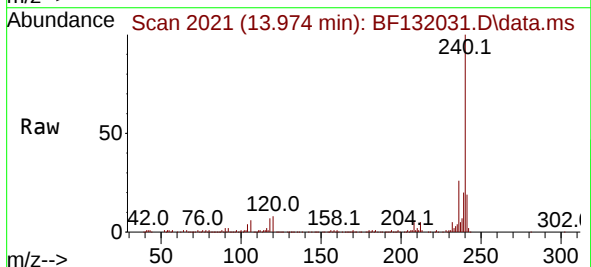
Instrument :
BNA_F
ClientSampleId :
STOCKPILE-B

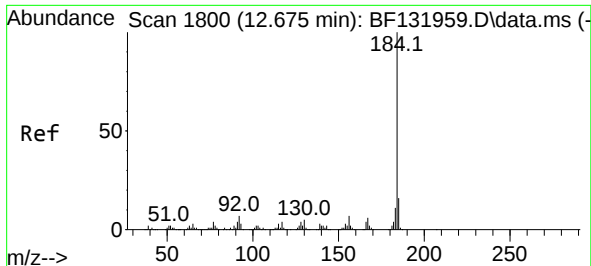
Tgt Ion:248 Resp: 12824
Ion Ratio Lower Upper
248 100
250 197.9 77.4 116.2#
141 510.4 65.0 97.6#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.974 min Scan# 2021
Delta R.T. -0.012 min
Lab File: BF132031.D
Acq: 11 Jan 2023 19:33

Tgt Ion:240 Resp: 131610
Ion Ratio Lower Upper
240 100
120 7.5 5.4 8.0
236 26.5 21.1 31.7

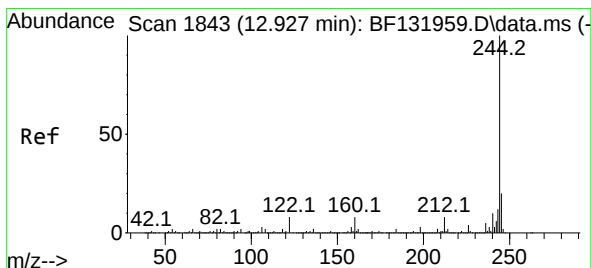
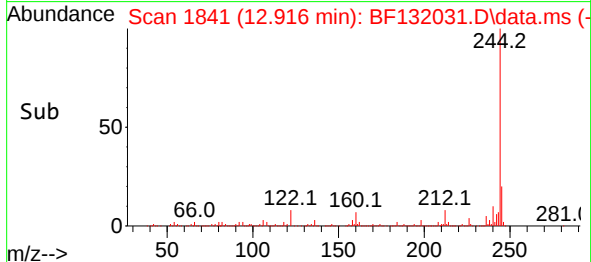
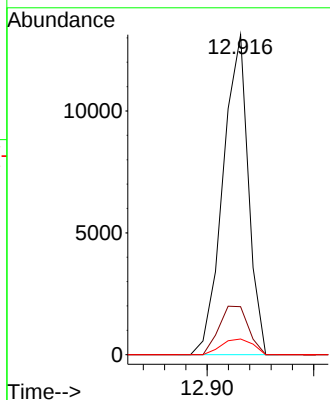
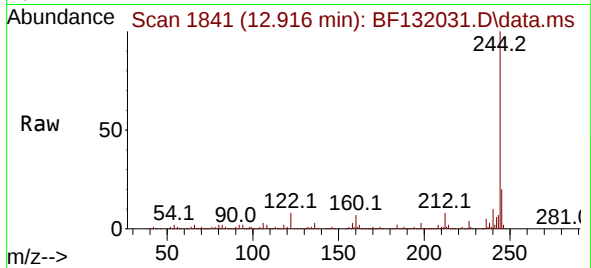




#77
Benzidine
Concen: 2.484 ng
RT: 12.916 min Scan# 1841
Delta R.T. 0.241 min
Lab File: BF132031.D
Acq: 11 Jan 2023 19:33

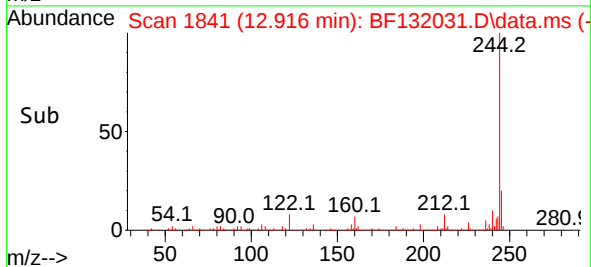
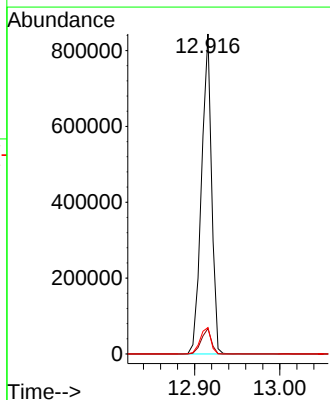
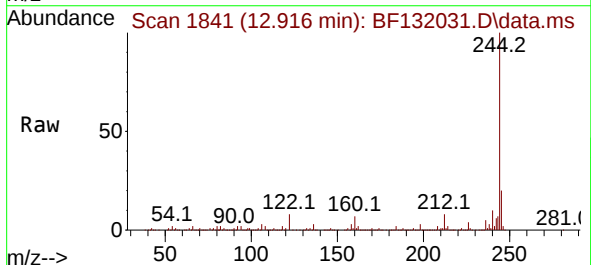
Instrument :
BNA_F
ClientSampleId :
STOCKPILE-B

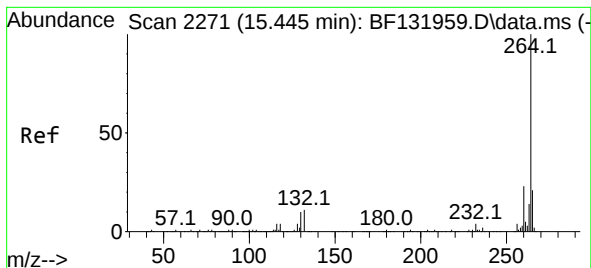
Tgt Ion:184 Resp: 10860
Ion Ratio Lower Upper
184 100
185 15.0 12.8 19.2
183 4.9 9.0 13.4#



#79
Terphenyl-d14
Concen: 75.525 ng
RT: 12.916 min Scan# 1841
Delta R.T. -0.012 min
Lab File: BF132031.D
Acq: 11 Jan 2023 19:33

Tgt Ion:244 Resp: 693510
Ion Ratio Lower Upper
244 100
212 8.0 6.3 9.5
122 8.2 6.8 10.2





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.439 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF132031.D

Acq: 11 Jan 2023 19:33

Instrument :

BNA_F

ClientSampleId :

STOCKPILE-B

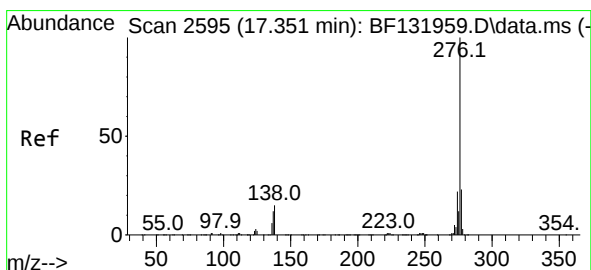
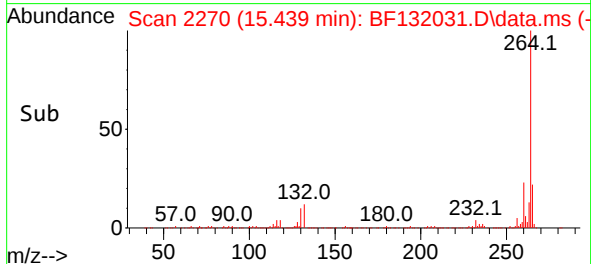
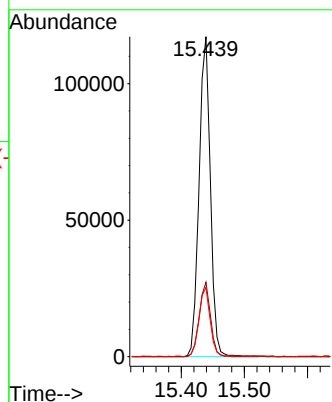
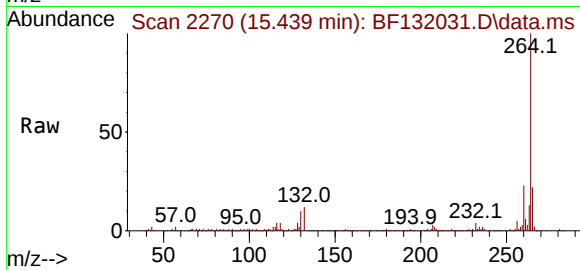
Tgt Ion:264 Resp: 145645

Ion Ratio Lower Upper

264 100

260 23.2 18.3 27.5

265 21.6 16.9 25.3



#92

Benzo(g,h,i)perylene

Concen: 3.608 ng

RT: 17.333 min Scan# 2592

Delta R.T. -0.018 min

Lab File: BF132031.D

Acq: 11 Jan 2023 19:33

Tgt Ion:276 Resp: 716

Ion Ratio Lower Upper

276 100

277 0.0 18.2 27.2#

138 0.0 11.7 17.5#

