

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011323\
 Data File : BF132064.D
 Acq On : 13 Jan 2023 17:49
 Operator : CG\JU
 Sample : 01133-02
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 COMPOSITE-1

Quant Time: Jan 16 01:17:56 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF010923.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 12 23:59:08 2023
 Response via : Initial Calibration

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

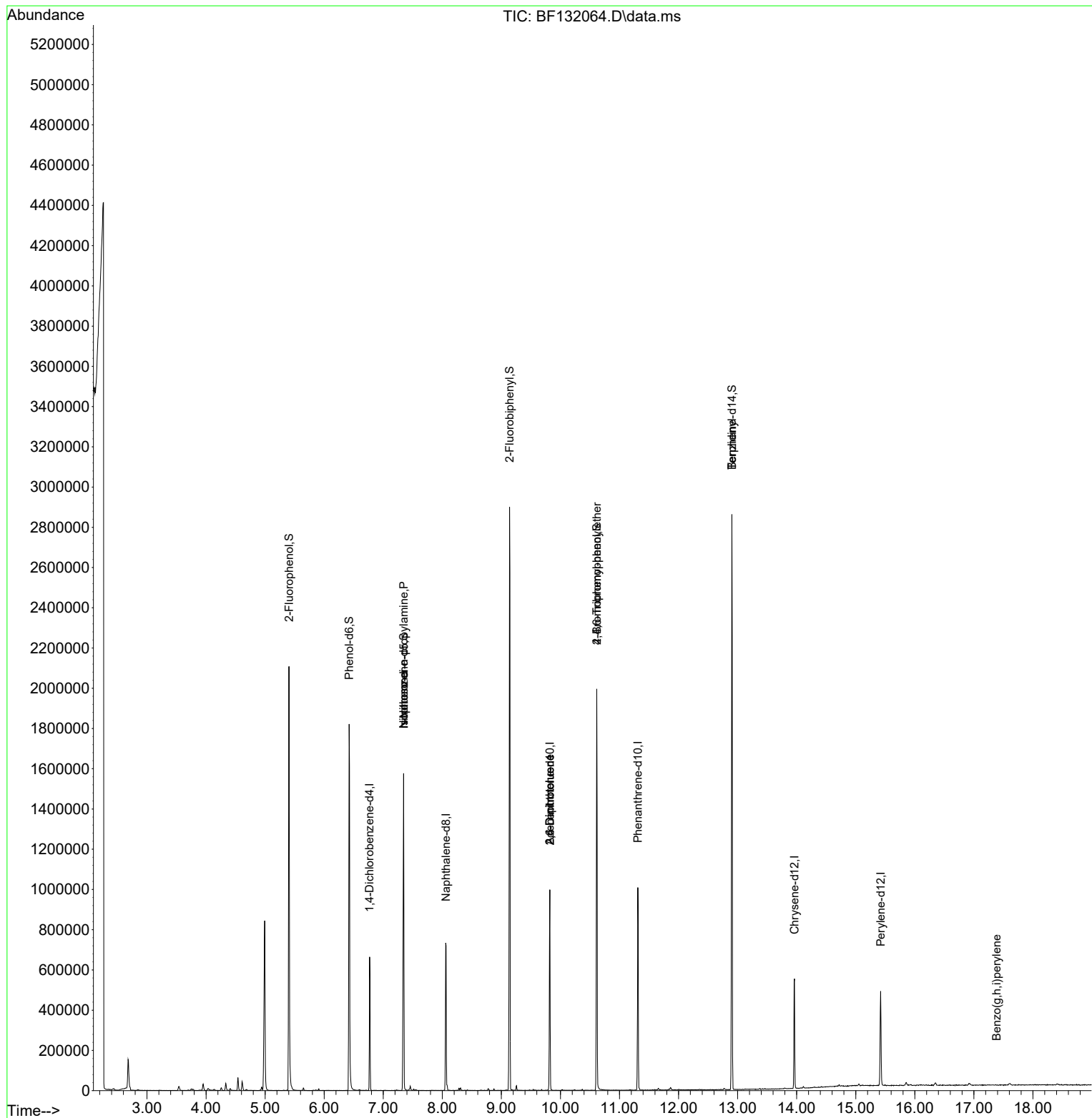
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.769	152	88044	20.000	ng	0.00
21) Naphthalene-d8	8.063	136	320361	20.000	ng	0.00
39) Acenaphthene-d10	9.822	164	187155	20.000	ng	0.00
64) Phenanthrene-d10	11.310	188	361914	20.000	ng	0.00
76) Chrysene-d12	13.963	240	185432	20.000	ng	0.00
86) Perylene-d12	15.421	264	195286	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.404	112	528809	98.969	ng	0.02
7) Phenol-d6	6.422	99	634879	89.616	ng	0.00
23) Nitrobenzene-d5	7.345	82	516113	66.864	ng	0.00
42) 2,4,6-Tribromophenol	10.616	330	216624	100.668	ng	0.00
45) 2-Fluorobiphenyl	9.139	172	916242	66.089	ng	0.00
79) Terphenyl-d14	12.904	244	988013	76.367	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.345	70	72720	14.190	ng	# 77
25) Isophorone	7.345	82	512876	35.567	ng	# 69
51) 2,6-Dinitrotoluene	9.822	165	23531	7.669	ng	# 22
57) 2,4-Dinitrotoluene	9.822	165	23531	5.736	ng	# 13
67) 4-Bromophenyl-phenylether	10.616	248	15049	3.324	ng	# 1
77) Benzidine	12.904	184	14989	2.433	ng	# 92
92) Benzo(g,h,i)perylene	17.386	276	60	3.530	ng	# 58

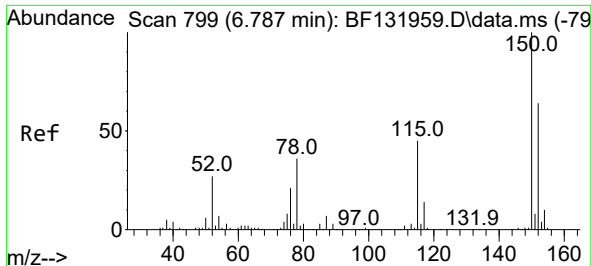
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011323\
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Quant Time: Jan 16 01:17:56 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF010923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jan 12 23:59:08 2023
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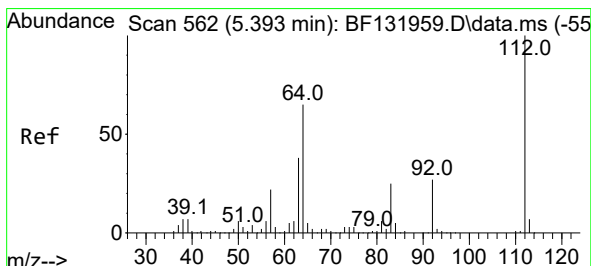
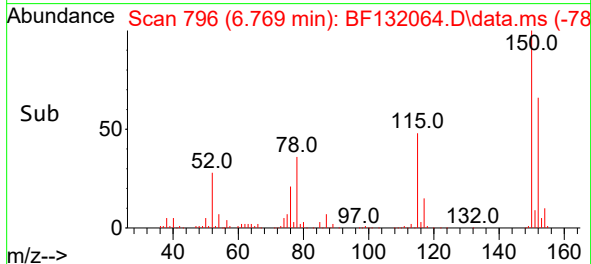
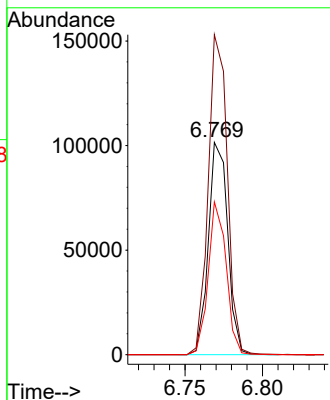
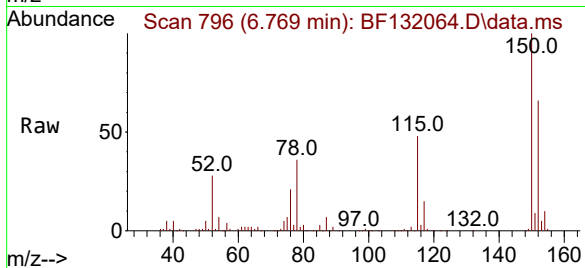




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.769 min Scan# 799
Delta R.T. -0.006 min
Lab File: BF132064.D
Acq: 13 Jan 2023 17:49

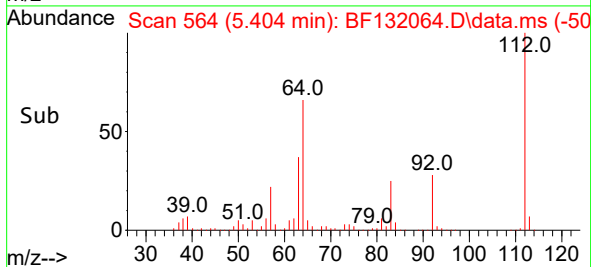
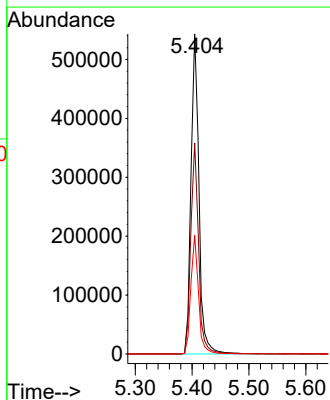
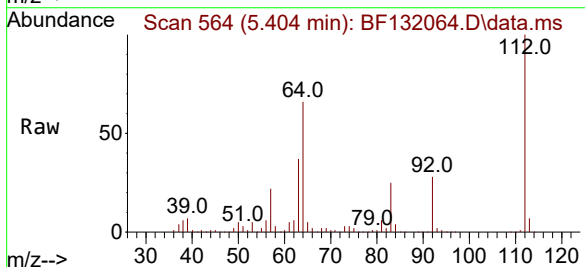
Instrument :
BNA_F
ClientSampleId :
COMPOSITE-1

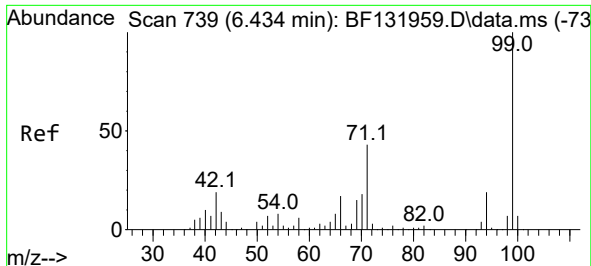
Tgt Ion:152 Resp: 88044
Ion Ratio Lower Upper
152 100
150 150.7 124.6 186.8
115 71.9 55.6 83.4



#5
2-Fluorophenol
Concen: 98.969 ng
RT: 5.404 min Scan# 564
Delta R.T. 0.023 min
Lab File: BF132064.D
Acq: 13 Jan 2023 17:49

Tgt Ion:112 Resp: 528809
Ion Ratio Lower Upper
112 100
64 66.0 51.9 77.9
63 37.1 30.2 45.2

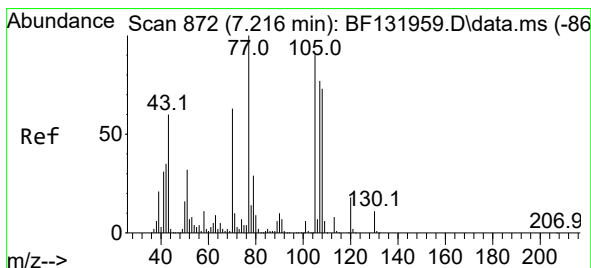
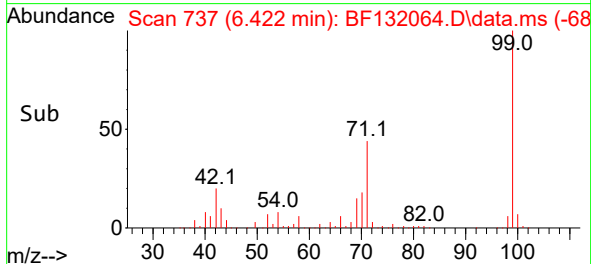
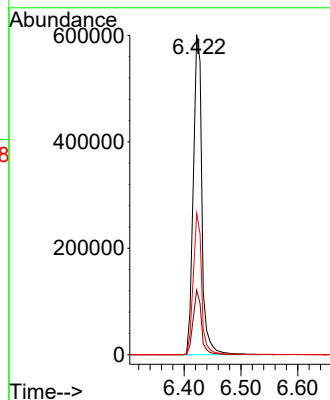
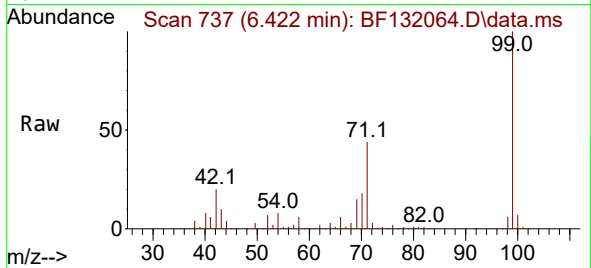




#7
Phenol-d6
Concen: 89.616 ng
RT: 6.422 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF132064.D
Acq: 13 Jan 2023 17:49

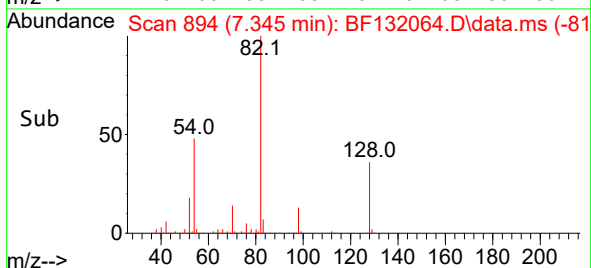
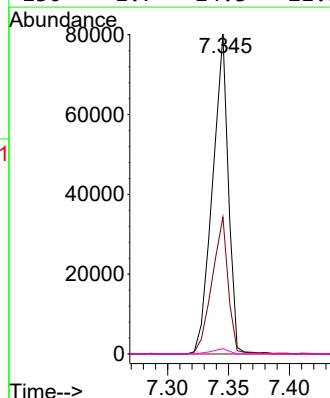
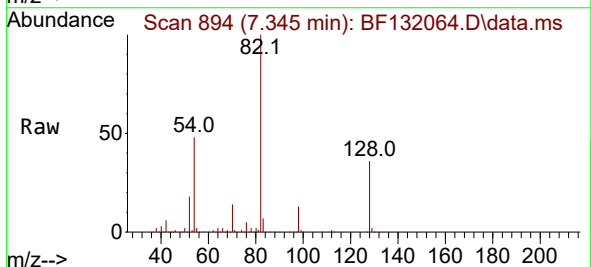
Instrument :
BNA_F
ClientSampleId :
COMPOSITE-1

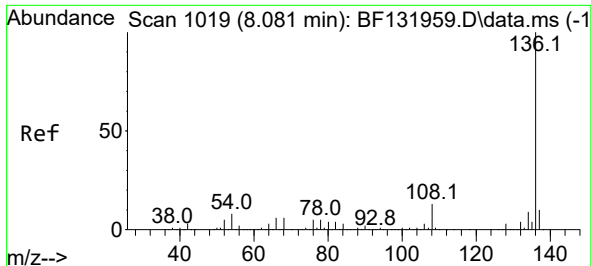
Tgt Ion: 99 Resp: 634879
Ion Ratio Lower Upper
99 100
42 20.2 15.4 23.2
71 44.2 34.6 51.8



#19
n-Nitroso-di-n-propylamine
Concen: 14.190 ng
RT: 7.345 min Scan# 894
Delta R.T. 0.147 min
Lab File: BF132064.D
Acq: 13 Jan 2023 17:49

Tgt Ion: 70 Resp: 72720
Ion Ratio Lower Upper
70 100
42 42.7 44.3 66.5#
101 0.0 7.5 11.3#
130 1.7 14.3 21.5#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.063 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF132064.D

Acq: 13 Jan 2023 17:49

Instrument :

BNA_F

ClientSampleId :

COMPOSITE-1

Tgt Ion:136 Resp: 320361

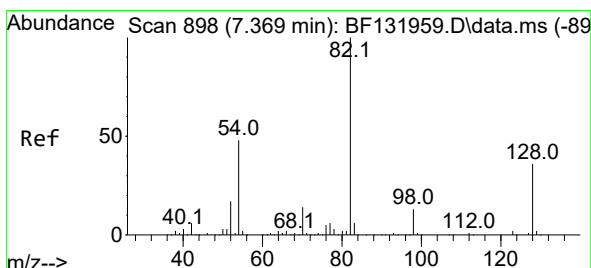
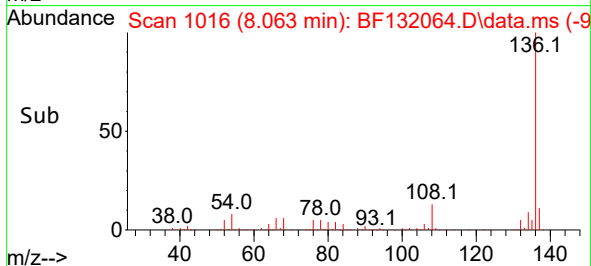
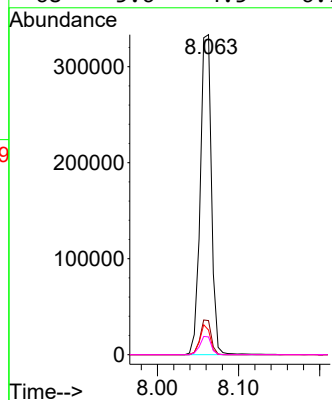
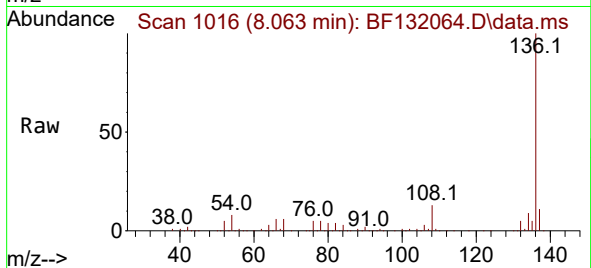
Ion Ratio Lower Upper

136 100

137 10.7 8.2 12.2

54 7.7 6.6 9.8

68 5.6 4.5 6.7



#23

Nitrobenzene-d5

Concen: 66.864 ng

RT: 7.345 min Scan# 894

Delta R.T. -0.006 min

Lab File: BF132064.D

Acq: 13 Jan 2023 17:49

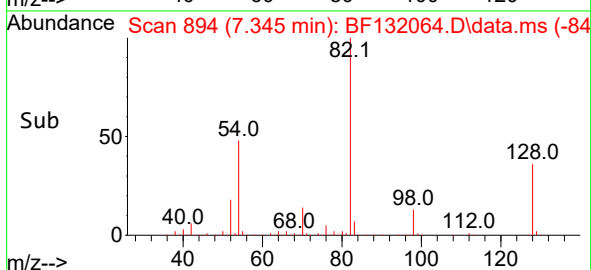
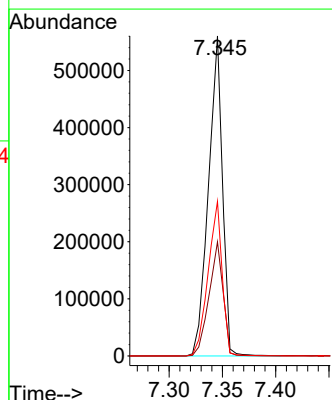
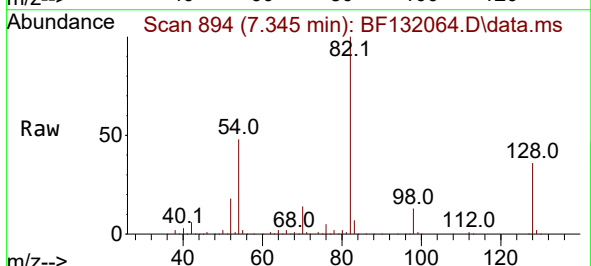
Tgt Ion: 82 Resp: 516113

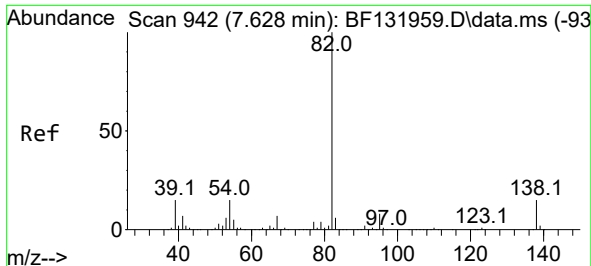
Ion Ratio Lower Upper

82 100

128 35.7 28.7 43.1

54 48.3 38.1 57.1

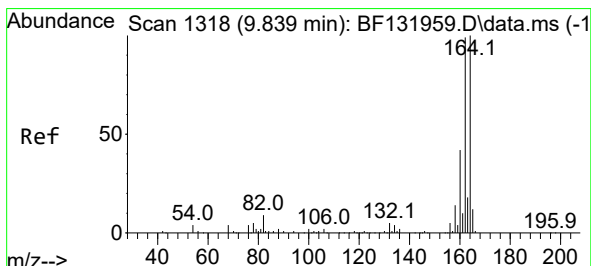
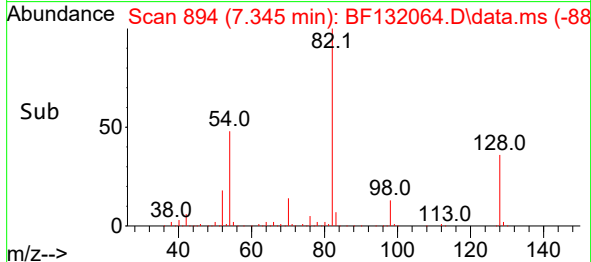
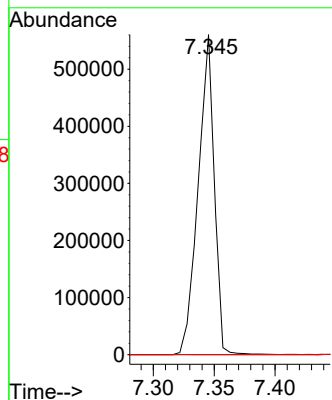
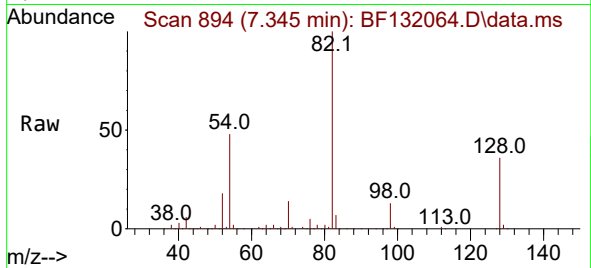




#25
Isophorone
Concen: 35.567 ng
RT: 7.345 min Scan# 894
Delta R.T. -0.265 min
Lab File: BF132064.D
Acq: 13 Jan 2023 17:49

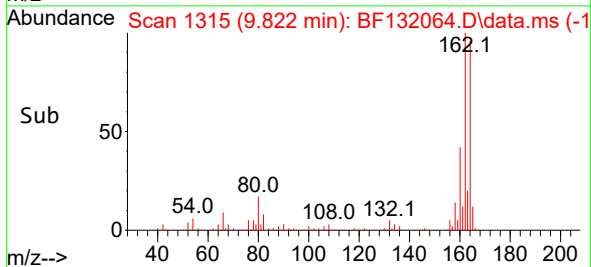
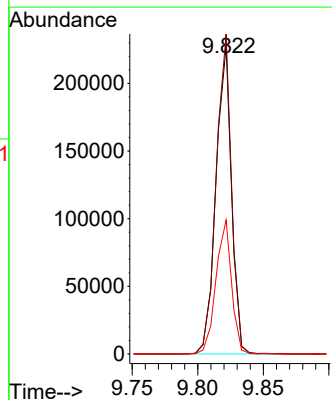
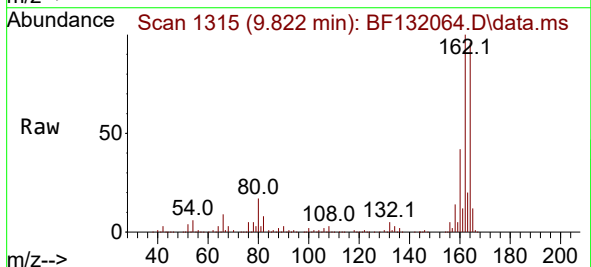
Instrument :
BNA_F
ClientSampleId :
COMPOSITE-1

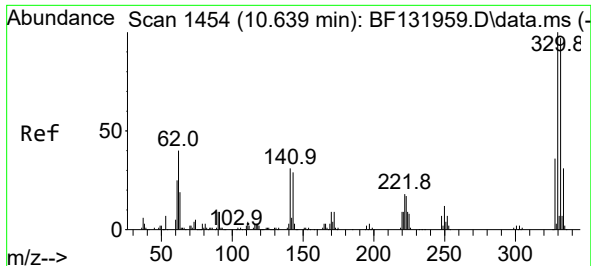
Tgt Ion: 82 Resp: 512876
Ion Ratio Lower Upper
82 100
95 0.0 6.5 9.7#
138 0.0 11.9 17.9#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.822 min Scan# 1315
Delta R.T. -0.006 min
Lab File: BF132064.D
Acq: 13 Jan 2023 17:49

Tgt Ion:164 Resp: 187155
Ion Ratio Lower Upper
164 100
162 103.9 79.4 119.0
160 43.5 33.9 50.9

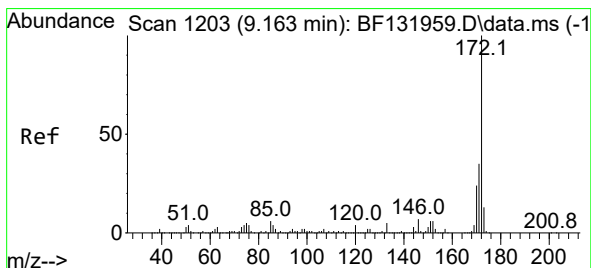
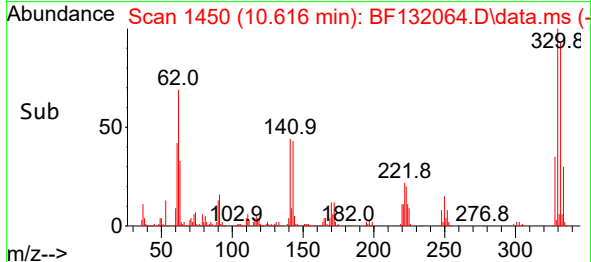
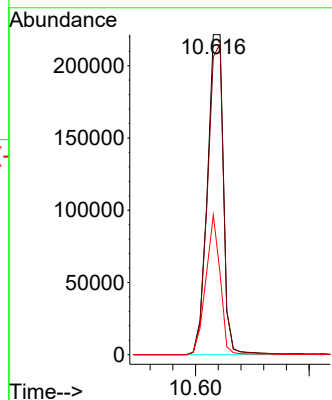
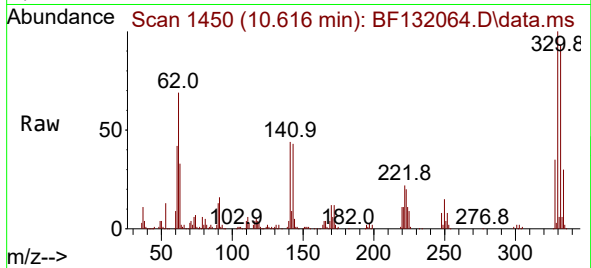




#42
2,4,6-Tribromophenol
Concen: 100.668 ng
RT: 10.616 min Scan# 1454
Delta R.T. -0.006 min
Lab File: BF132064.D
Acq: 13 Jan 2023 17:49

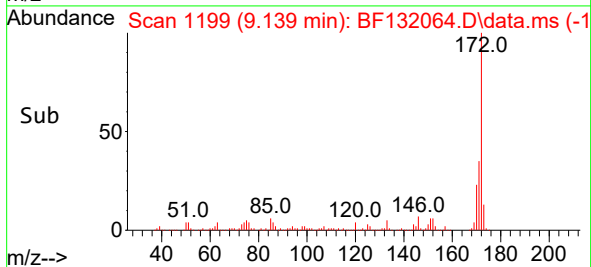
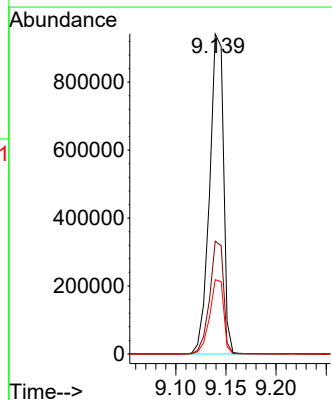
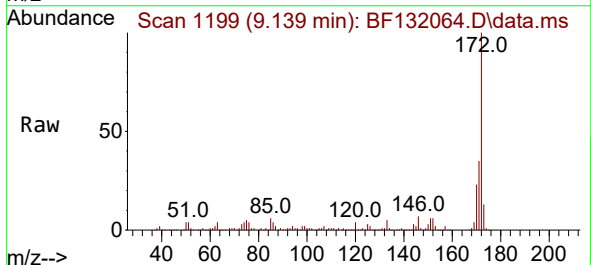
Instrument :
BNA_F
ClientSampleId :
COMPOSITE-1

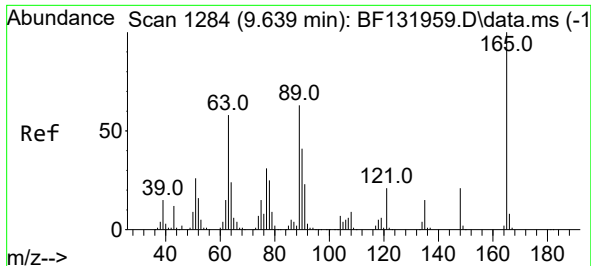
Tgt Ion: 330 Resp: 216624
Ion Ratio Lower Upper
330 100
332 95.9 76.9 115.3
141 39.3 31.3 46.9



#45
2-Fluorobiphenyl
Concen: 66.089 ng
RT: 9.139 min Scan# 1199
Delta R.T. -0.006 min
Lab File: BF132064.D
Acq: 13 Jan 2023 17:49

Tgt Ion: 172 Resp: 916242
Ion Ratio Lower Upper
172 100
171 35.2 28.0 42.0
170 23.2 18.9 28.3

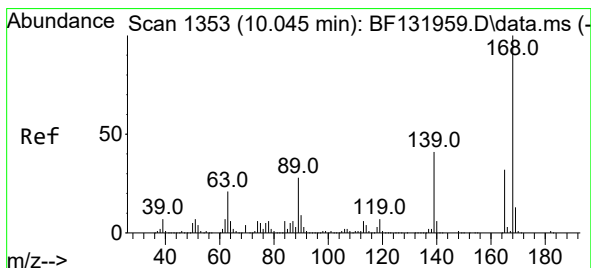
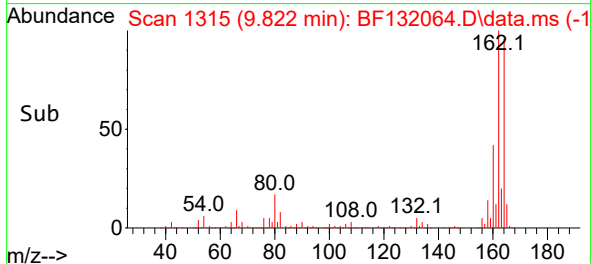
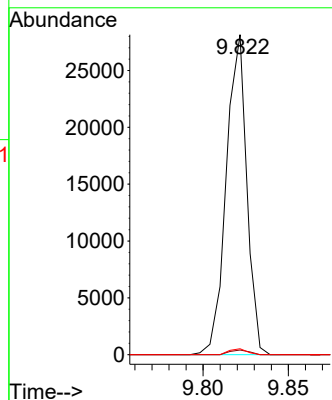
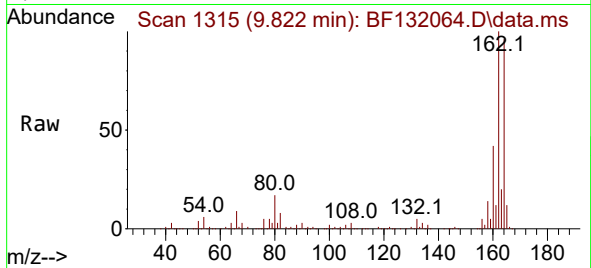




#51
2,6-Dinitrotoluene
Concen: 7.669 ng
RT: 9.822 min Scan# 11
Delta R.T. 0.200 min
Lab File: BF132064.D
Acq: 13 Jan 2023 17:49

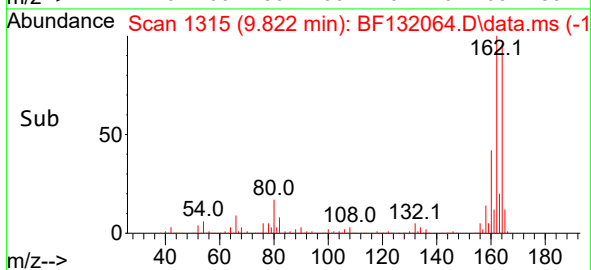
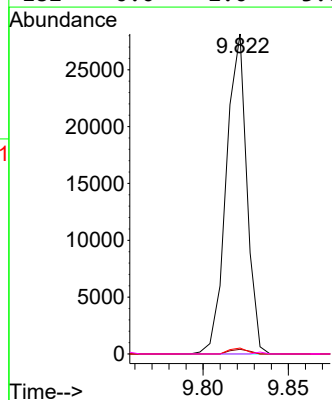
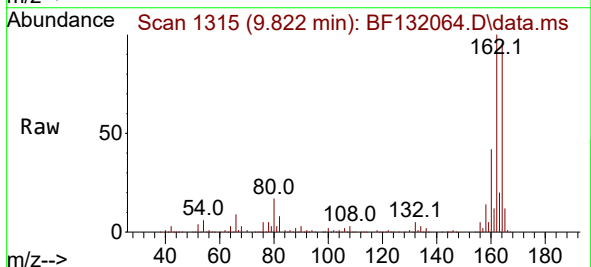
Instrument :
BNA_F
ClientSampleId :
COMPOSITE-1

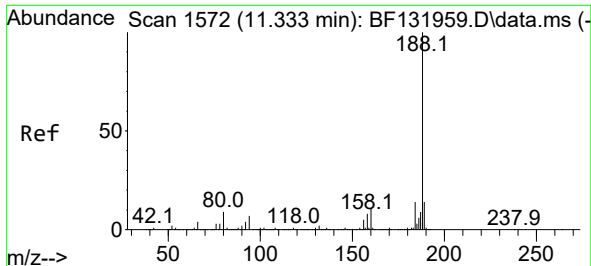
Tgt Ion:165 Resp: 23531
Ion Ratio Lower Upper
165 100
63 1.5 47.4 71.0#
89 1.9 50.2 75.2#



#57
2,4-Dinitrotoluene
Concen: 5.736 ng
RT: 9.822 min Scan# 1315
Delta R.T. -0.206 min
Lab File: BF132064.D
Acq: 13 Jan 2023 17:49

Tgt Ion:165 Resp: 23531
Ion Ratio Lower Upper
165 100
63 1.5 53.2 79.8#
89 1.9 71.2 106.8#
182 0.0 2.0 3.0#

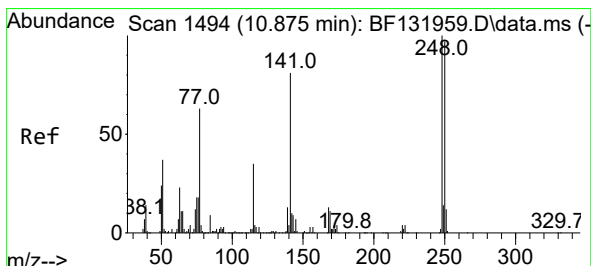
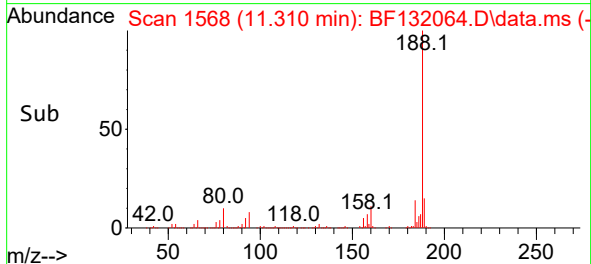
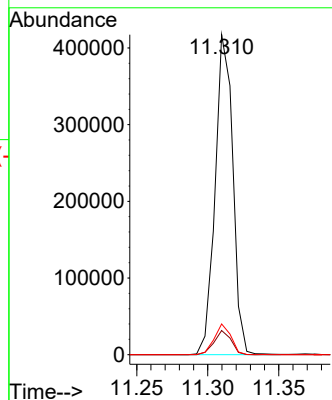
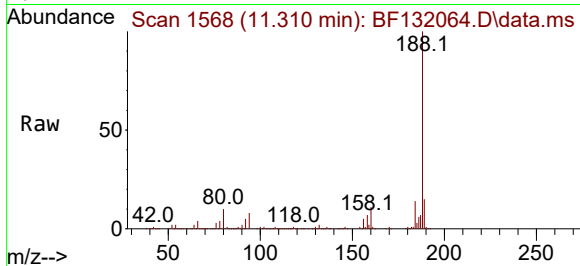




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.310 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF132064.D
Acq: 13 Jan 2023 17:49

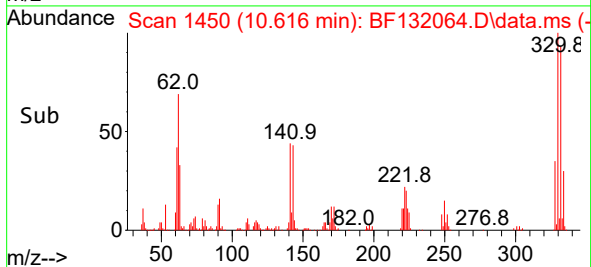
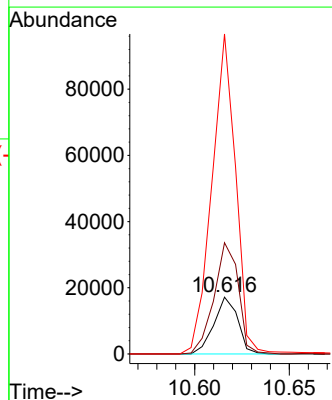
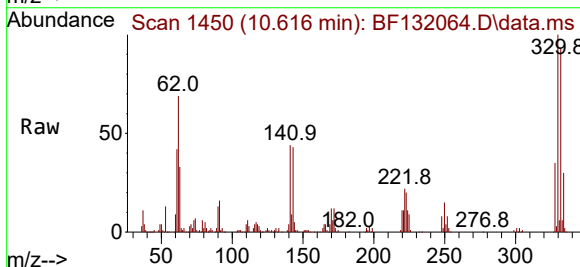
Instrument :
BNA_F
ClientSampleId :
COMPOSITE-1

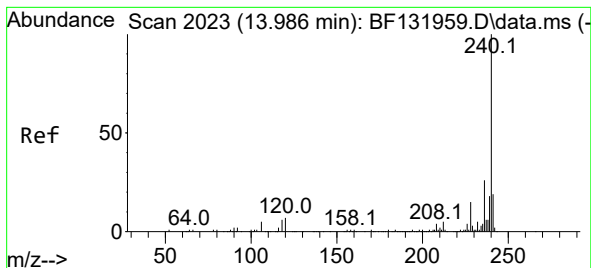
Tgt Ion:188 Resp: 361914
Ion Ratio Lower Upper
188 100
94 7.6 5.8 8.6
80 9.6 7.4 11.0



#67
4-Bromophenyl-phenylether
Concen: 3.324 ng
RT: 10.616 min Scan# 1450
Delta R.T. -0.241 min
Lab File: BF132064.D
Acq: 13 Jan 2023 17:49

Tgt Ion:248 Resp: 15049
Ion Ratio Lower Upper
248 100
250 195.9 77.4 116.2#
141 563.4 65.0 97.6#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.963 min Scan# 20

Delta R.T. -0.000 min

Lab File: BF132064.D

Acq: 13 Jan 2023 17:49

Instrument :

BNA_F

ClientSampleId :

COMPOSITE-1

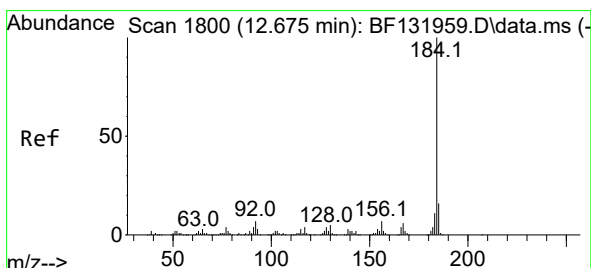
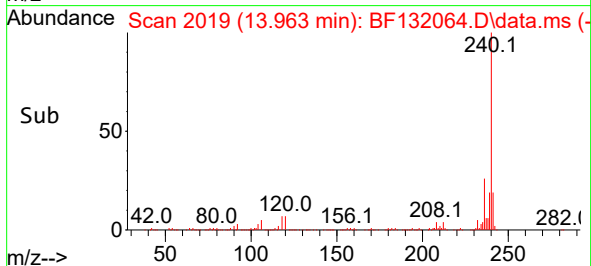
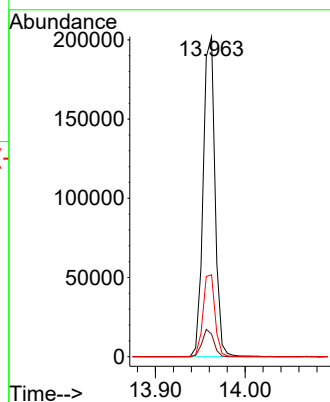
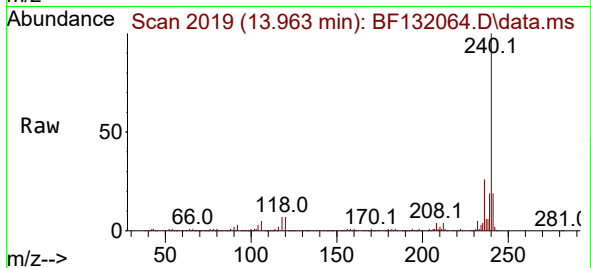
Tgt Ion:240 Resp: 185432

Ion Ratio Lower Upper

240 100

120 7.0 5.4 8.0

236 25.6 21.1 31.7



#77

Benzidine

Concen: 2.433 ng

RT: 12.904 min Scan# 1839

Delta R.T. 0.247 min

Lab File: BF132064.D

Acq: 13 Jan 2023 17:49

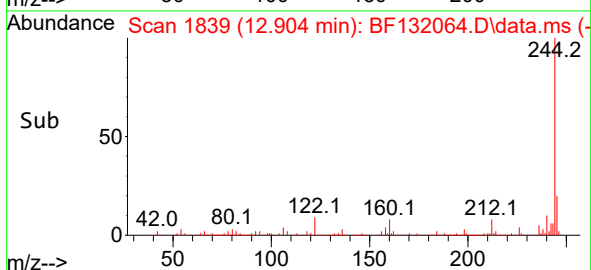
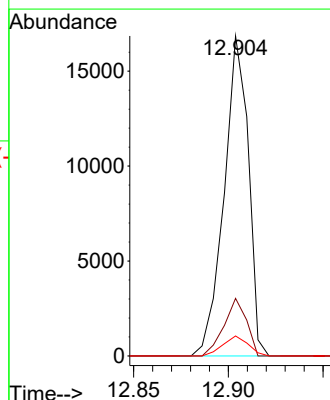
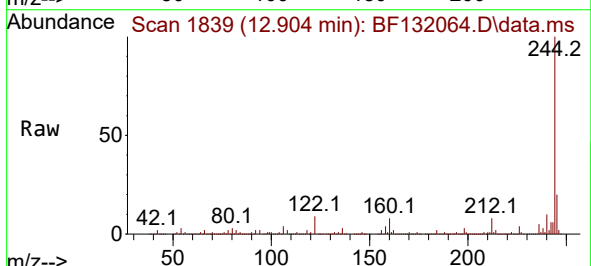
Tgt Ion:184 Resp: 14989

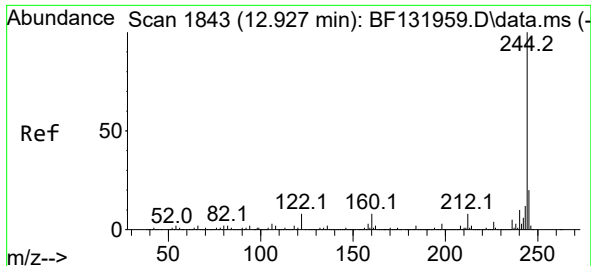
Ion Ratio Lower Upper

184 100

185 18.0 12.8 19.2

183 6.3 9.0 13.4#

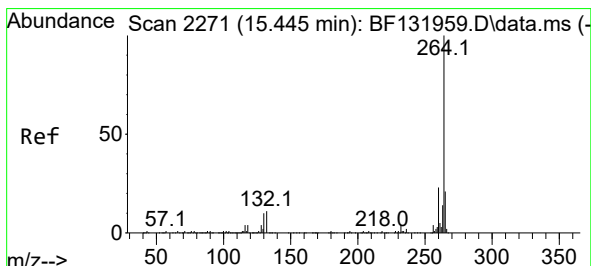
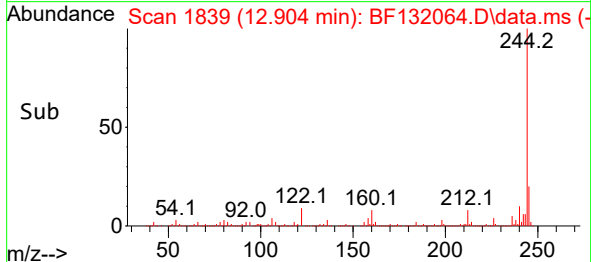
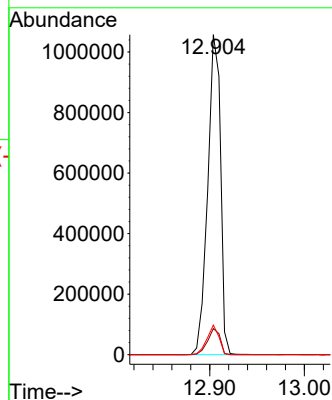
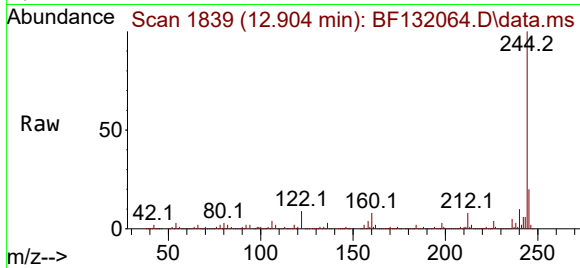




#79
 Terphenyl-d14
 Concen: 76.367 ng
 RT: 12.904 min Scan# 1843
 Delta R.T. -0.000 min
 Lab File: BF132064.D
 Acq: 13 Jan 2023 17:49

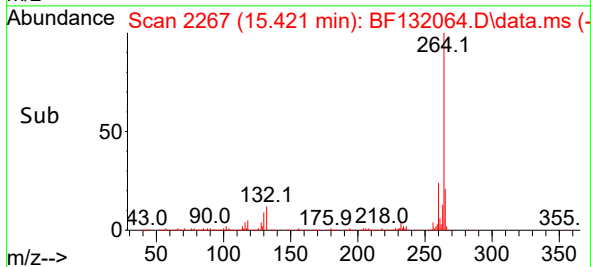
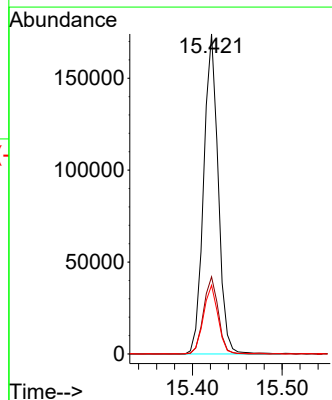
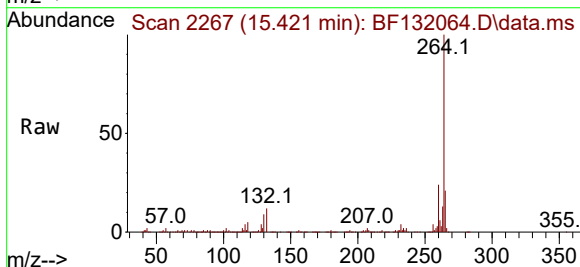
Instrument :
 BNA_F
 ClientSampleId :
 COMPOSITE-1

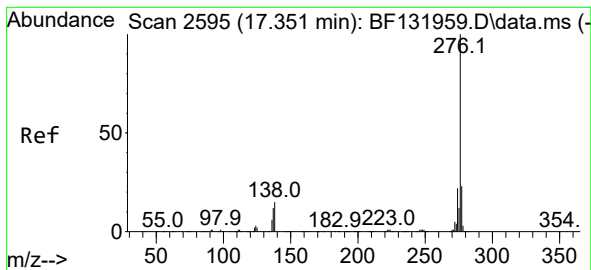
Tgt Ion:244 Resp: 988013
 Ion Ratio Lower Upper
 244 100
 212 8.2 6.3 9.5
 122 9.3 6.8 10.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.421 min Scan# 2267
 Delta R.T. 0.006 min
 Lab File: BF132064.D
 Acq: 13 Jan 2023 17:49

Tgt Ion:264 Resp: 195286
 Ion Ratio Lower Upper
 264 100
 260 24.1 18.3 27.5
 265 21.5 16.9 25.3





#92

Benzo(g,h,i)perylene

Concen: 3.530 ng

RT: 17.386 min Scan# 20

Delta R.T. 0.071 min

Lab File: BF132064.D

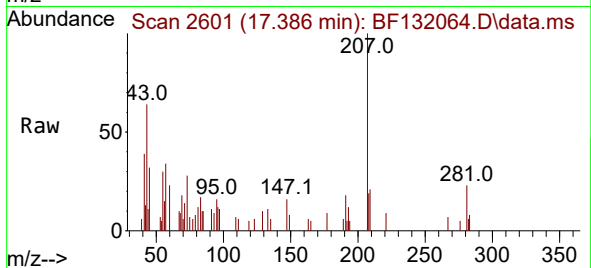
Acq: 13 Jan 2023 17:49

Instrument :

BNA_F

ClientSampleId :

COMPOSITE-1



Tgt Ion:276 Resp: 60

Ion Ratio Lower Upper

276 100

277 0.0 18.2 27.2#

138 0.0 11.7 17.5#

