

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122322\
 Data File : BF131815.D
 Acq On : 23 Dec 2022 19:55
 Operator : CG\JU
 Sample : N6194-01
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CONC-GIS-1

Quant Time: Dec 24 03:10:14 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122022.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Dec 24 00:05:44 2022
 Response via : Initial Calibration

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

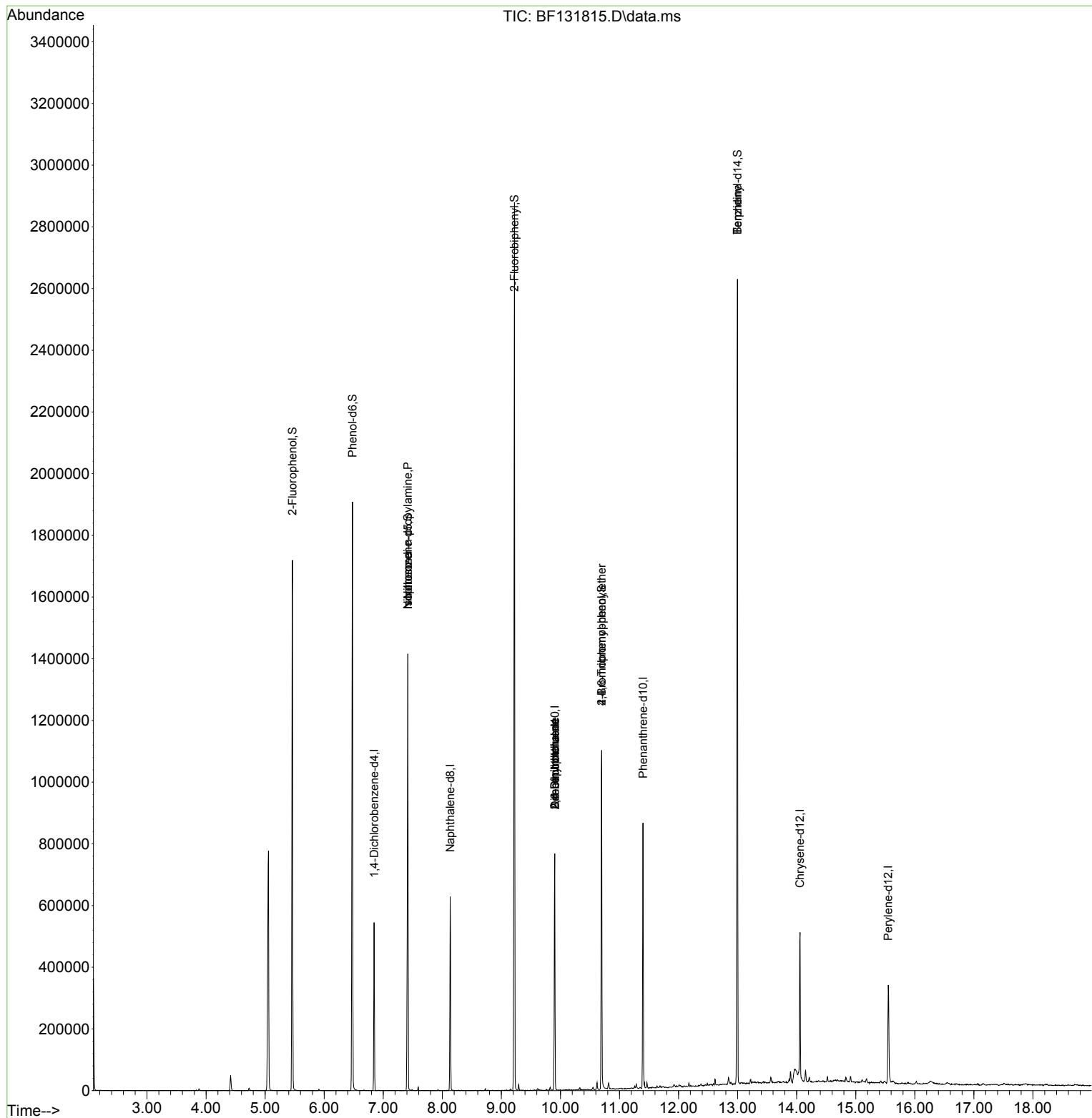
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.845	152	68474	20.000	ng	0.00
21) Naphthalene-d8	8.133	136	250716	20.000	ng	-0.01
39) Acenaphthene-d10	9.904	164	149018	20.000	ng	0.00
64) Phenanthrene-d10	11.398	188	283575	20.000	ng	-0.01
76) Chrysene-d12	14.057	240	157302	20.000	ng	-0.01
86) Perylene-d12	15.551	264	151990	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.463	112	440351	108.289	ng	0.00
7) Phenol-d6	6.481	99	630936	115.275	ng	0.00
23) Nitrobenzene-d5	7.416	82	457582	74.092	ng	-0.01
42) 2,4,6-Tribromophenol	10.698	330	122769	75.269	ng	-0.01
45) 2-Fluorobiphenyl	9.222	172	815016	76.614	ng	0.00
79) Terphenyl-d14	12.998	244	895697	88.744	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.404	77	61	Below Cal	#	37
19) n-Nitroso-di-n-propyla...	7.416	70	64429	16.322	ng	# 80
25) Isophorone	7.416	82	457578	43.628	ng	# 70
50) Dimethylphthalate	9.904	163	29424	2.624	ng	# 1
51) 2,6-Dinitrotoluene	9.904	165	19699	8.170	ng	# 19
57) 2,4-Dinitrotoluene	9.904	165	19699	6.080	ng	# 18
67) 4-Bromophenyl-phenylether	10.698	248	8354	2.494	ng	# 1
77) Benzidine	12.998	184	13931	4.830	ng	# 90

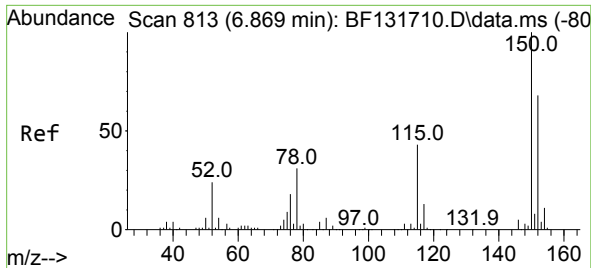
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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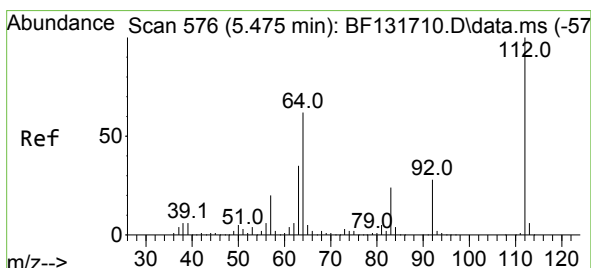
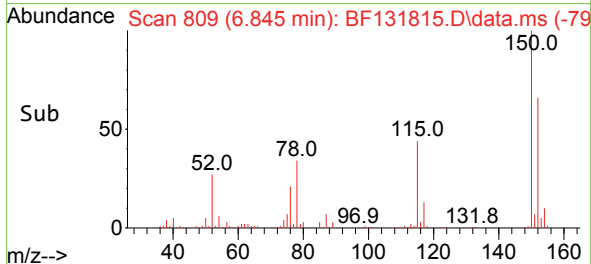
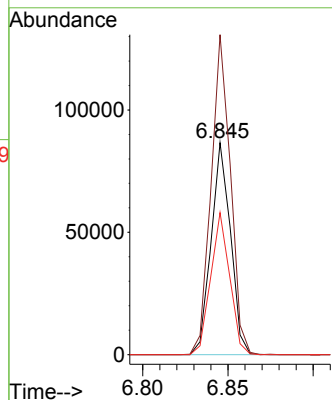
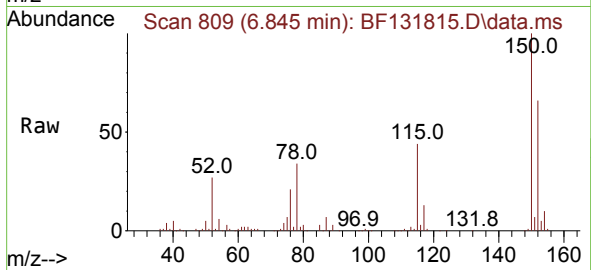




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.845 min Scan# 80
Delta R.T. -0.006 min
Lab File: BF131815.D
Acq: 23 Dec 2022 19:55

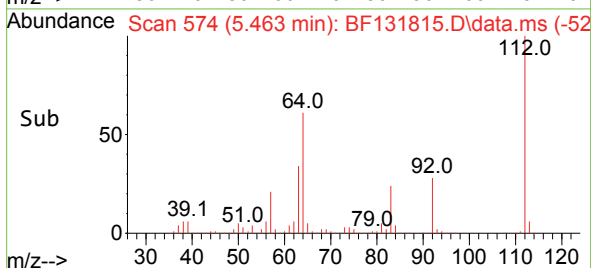
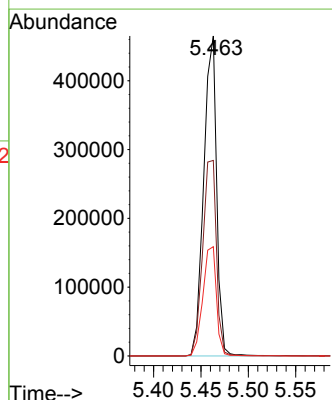
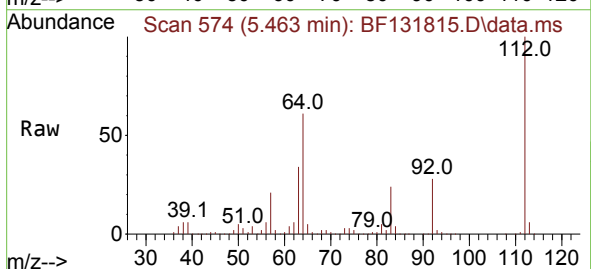
Instrument :
BNA_F
ClientSampleId :
CONC-GIS-1

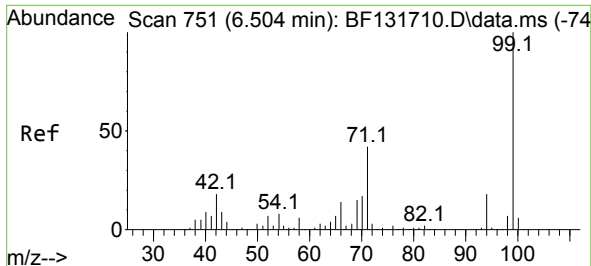
Tgt Ion:152 Resp: 68474
Ion Ratio Lower Upper
152 100
150 150.9 117.4 176.0
115 67.0 50.2 75.4



#5
2-Fluorophenol
Concen: 108.289 ng
RT: 5.463 min Scan# 574
Delta R.T. 0.006 min
Lab File: BF131815.D
Acq: 23 Dec 2022 19:55

Tgt Ion:112 Resp: 440351
Ion Ratio Lower Upper
112 100
64 61.1 49.5 74.3
63 34.2 28.2 42.2

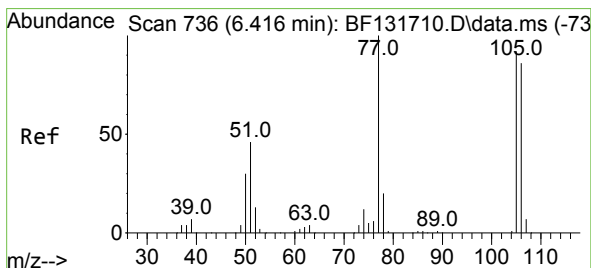
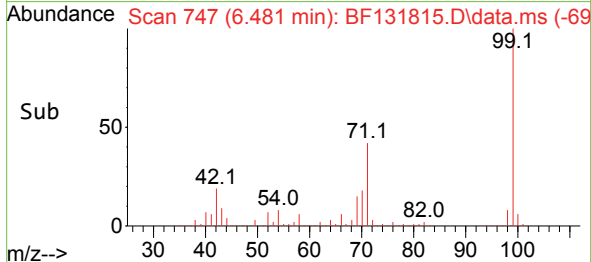
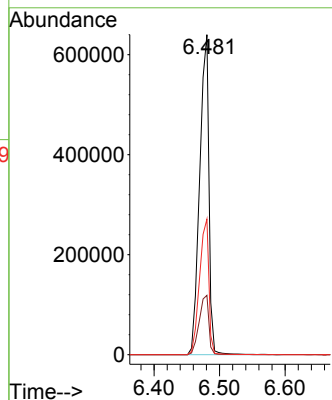
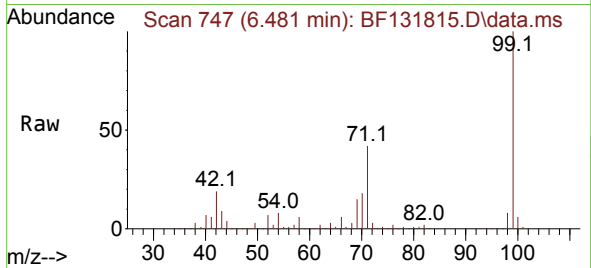




#7
Phenol-d6
Concen: 115.275 ng
RT: 6.481 min Scan# 741
Delta R.T. -0.006 min
Lab File: BF131815.D
Acq: 23 Dec 2022 19:55

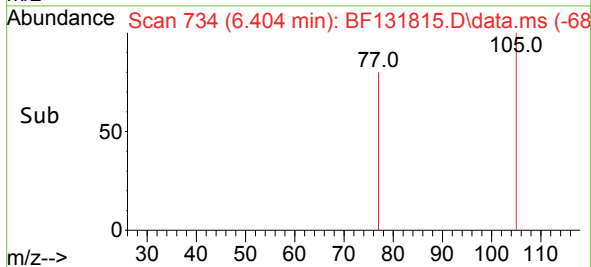
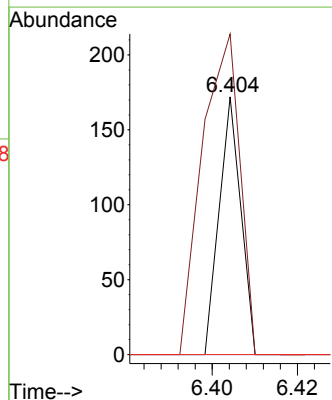
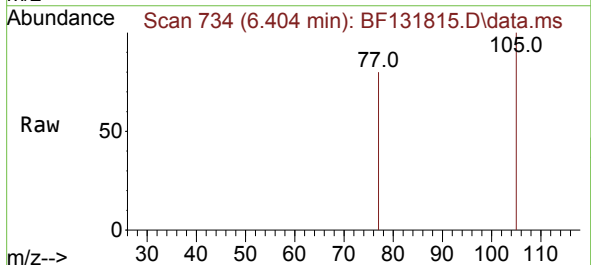
Instrument :
BNA_F
ClientSampleId :
CONC-GIS-1

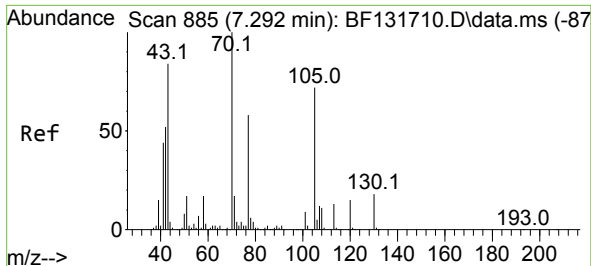
Tgt Ion: 99 Resp: 630936
Ion Ratio Lower Upper
99 100
42 18.5 14.8 22.2
71 42.4 33.8 50.6



#9
Benzaldehyde
Concen: Below Cal
RT: 6.404 min Scan# 734
Delta R.T. 0.000 min
Lab File: BF131815.D
Acq: 23 Dec 2022 19:55

Tgt Ion: 77 Resp: 61
Ion Ratio Lower Upper
77 100
105 124.4 72.4 112.4#
106 0.0 66.5 106.5#

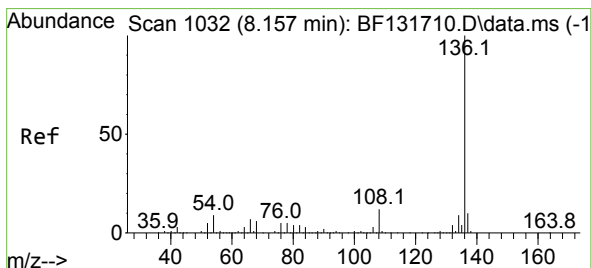
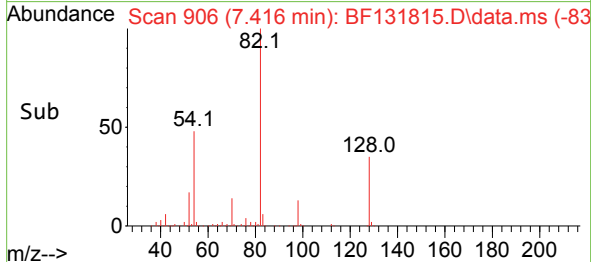
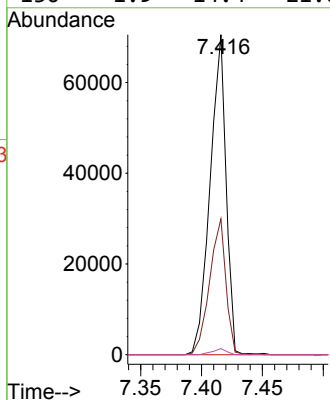
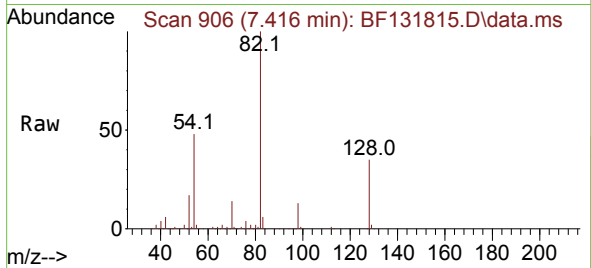




#19
n-Nitroso-di-n-propylamine
Concen: 16.322 ng
RT: 7.416 min Scan# 90
Delta R.T. 0.141 min
Lab File: BF131815.D
Acq: 23 Dec 2022 19:55

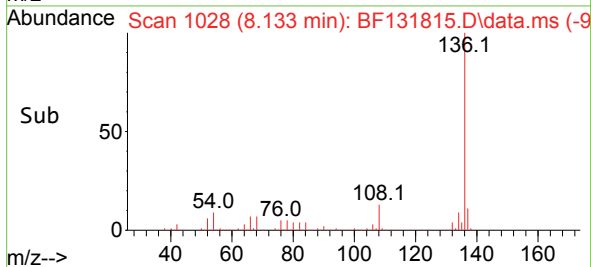
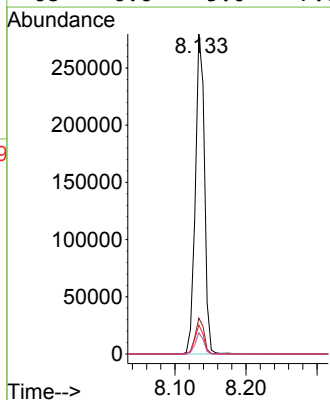
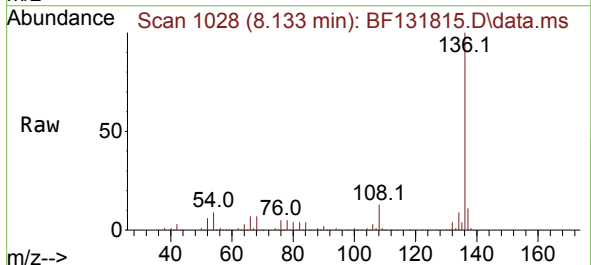
Instrument :
BNA_F
ClientSampleId :
CONC-GIS-1

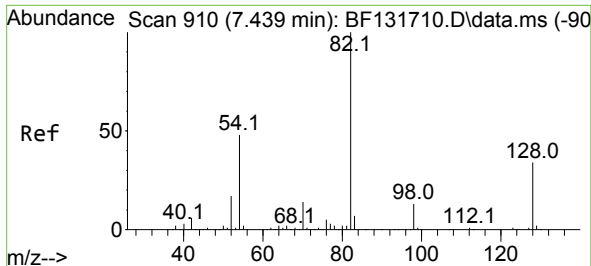
Tgt Ion:	70	Resp:	64429
Ion Ratio	Lower	Upper	
70	100		
42	42.5	41.5	62.3
101	0.0	7.3	10.9#
130	1.9	14.4	21.6#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.133 min Scan# 1028
Delta R.T. -0.012 min
Lab File: BF131815.D
Acq: 23 Dec 2022 19:55

Tgt Ion:	136	Resp:	250716
Ion Ratio	Lower	Upper	
136	100		
137	11.2	8.4	12.6
54	9.1	7.2	10.8
68	6.6	5.0	7.6





#23

Nitrobenzene-d5

Concen: 74.092 ng

RT: 7.416 min Scan# 906

Delta R.T. -0.012 min

Lab File: BF131815.D

Acq: 23 Dec 2022 19:55

Instrument :

BNA_F

ClientSampleId :

CONC-GIS-1

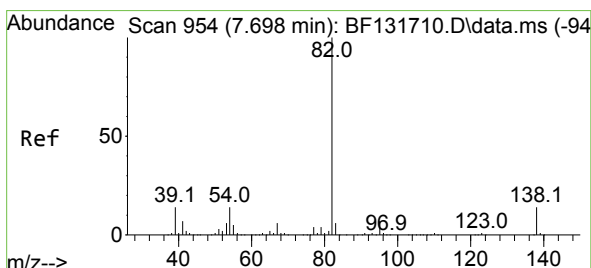
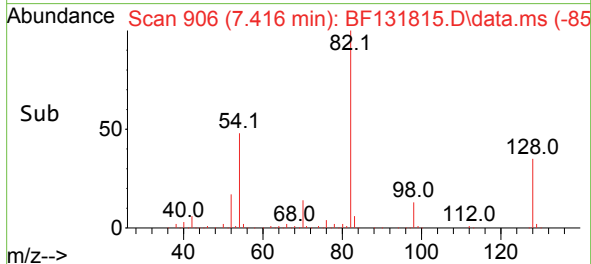
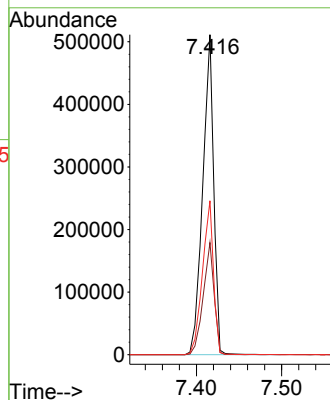
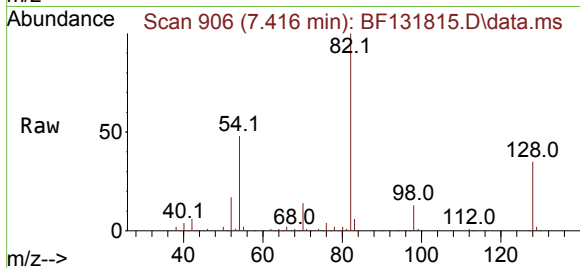
Tgt Ion: 82 Resp: 457582

Ion Ratio Lower Upper

82 100

128 35.1 27.3 40.9

54 48.1 38.2 57.2



#25

Isophorone

Concen: 43.628 ng

RT: 7.416 min Scan# 906

Delta R.T. -0.270 min

Lab File: BF131815.D

Acq: 23 Dec 2022 19:55

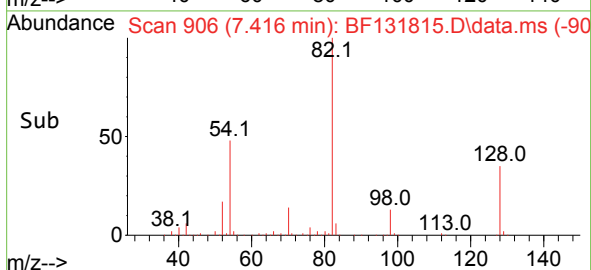
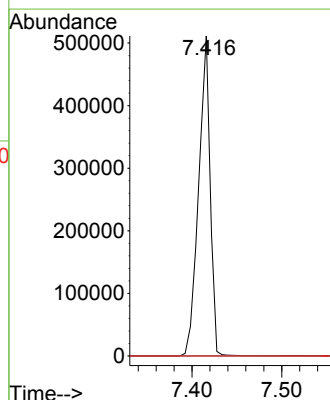
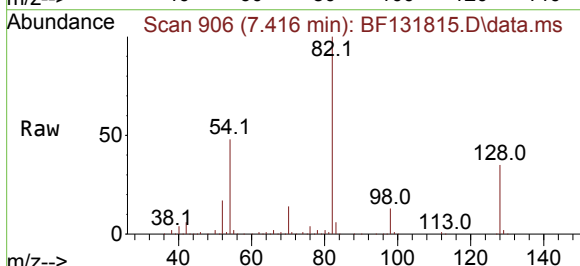
Tgt Ion: 82 Resp: 457578

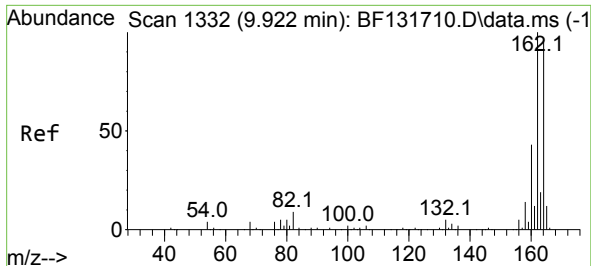
Ion Ratio Lower Upper

82 100

95 0.0 5.8 8.6#

138 0.0 11.6 17.4#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.904 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF131815.D

Acq: 23 Dec 2022 19:55

Instrument :

BNA_F

ClientSampleId :

CONC-GIS-1

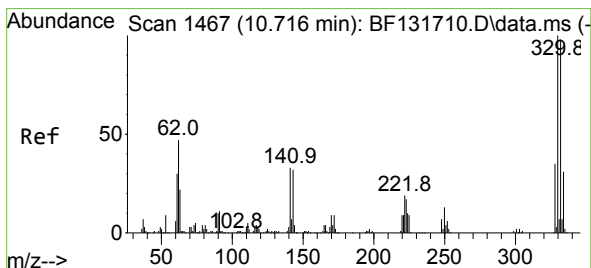
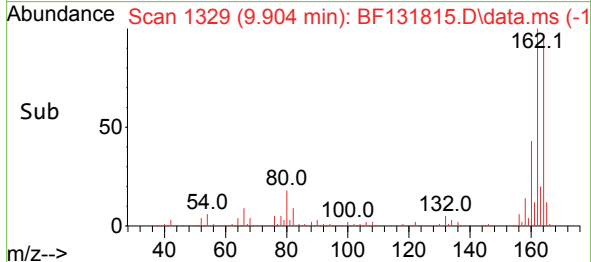
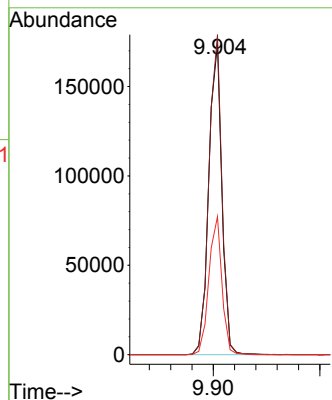
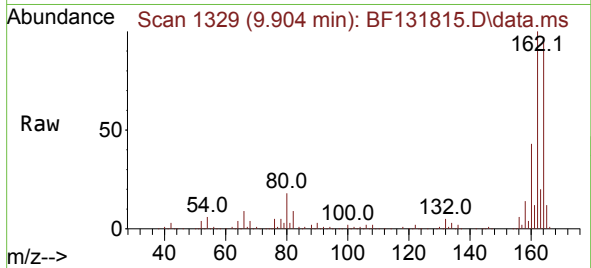
Tgt Ion:164 Resp: 149018

Ion Ratio Lower Upper

164 100

162 103.0 83.7 125.5

160 44.5 36.2 54.4



#42

2,4,6-Tribromophenol

Concen: 75.269 ng

RT: 10.698 min Scan# 1464

Delta R.T. -0.012 min

Lab File: BF131815.D

Acq: 23 Dec 2022 19:55

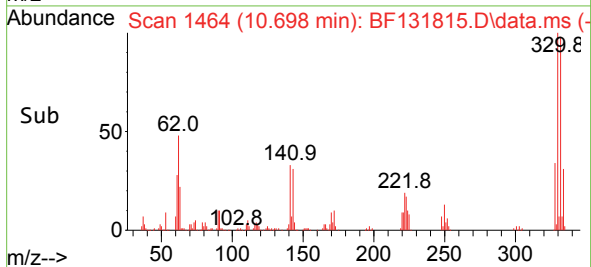
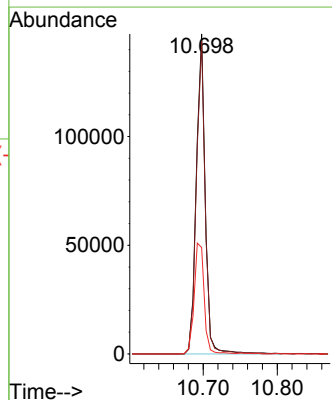
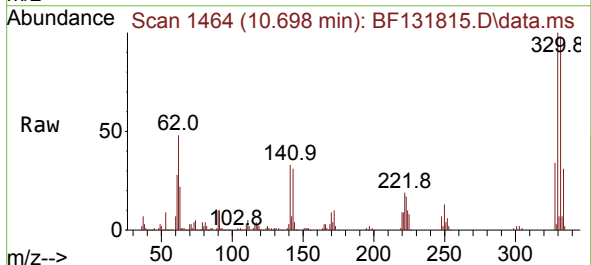
Tgt Ion:330 Resp: 122769

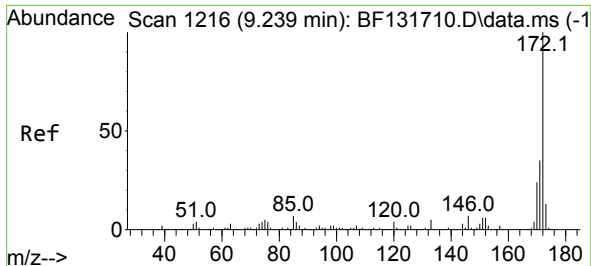
Ion Ratio Lower Upper

330 100

332 97.1 77.1 115.7

141 39.0 30.4 45.6





#45

2-Fluorobiphenyl

Concen: 76.614 ng

RT: 9.222 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF131815.D

Acq: 23 Dec 2022 19:55

Instrument :

BNA_F

ClientSampleId :

CONC-GIS-1

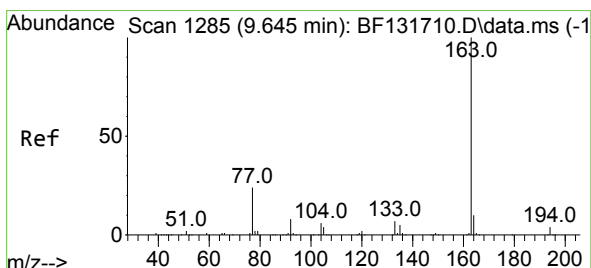
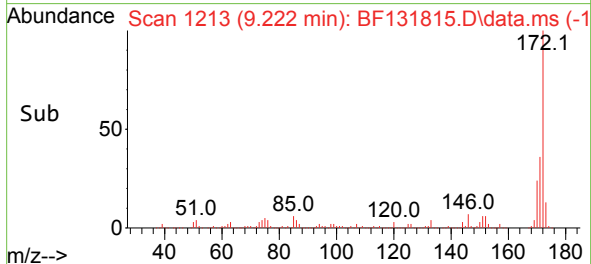
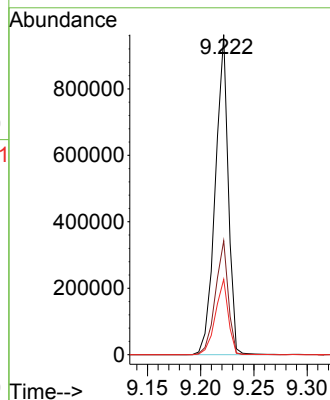
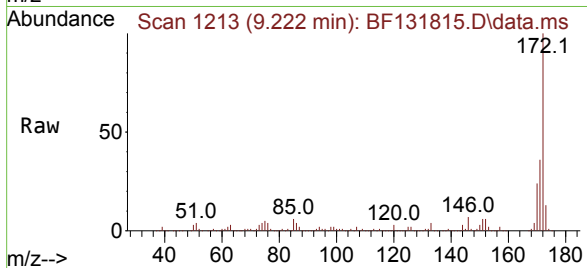
Tgt Ion:172 Resp: 815016

Ion Ratio Lower Upper

172 100

171 35.6 27.9 41.9

170 23.5 19.0 28.4



#50

Dimethylphthalate

Concen: 2.624 ng

RT: 9.904 min Scan# 1329

Delta R.T. 0.265 min

Lab File: BF131815.D

Acq: 23 Dec 2022 19:55

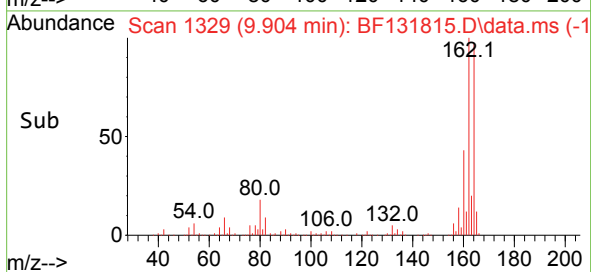
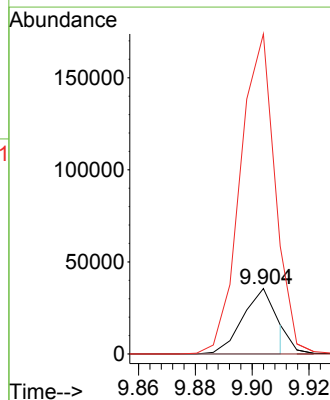
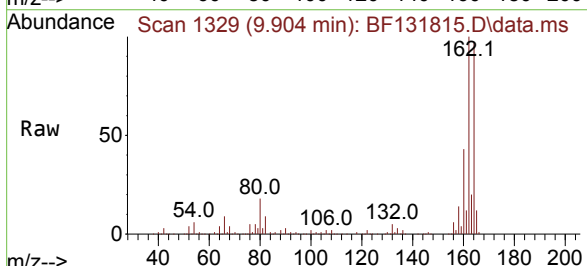
Tgt Ion:163 Resp: 29424

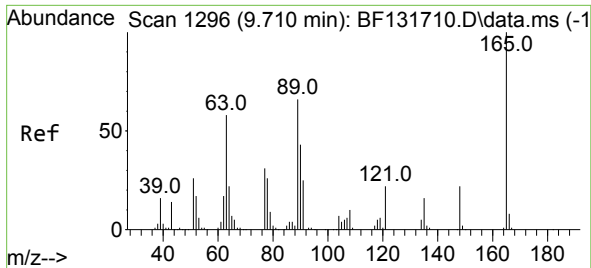
Ion Ratio Lower Upper

163 100

194 0.0 3.1 4.7#

164 488.9 8.2 12.4#

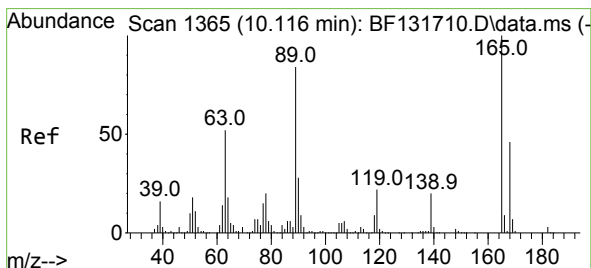
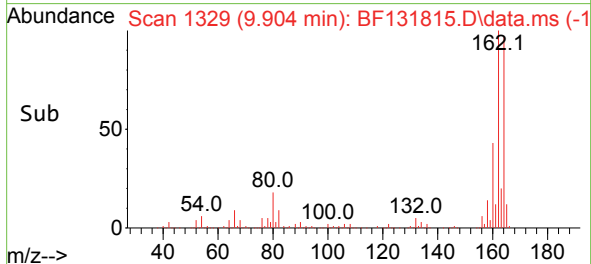
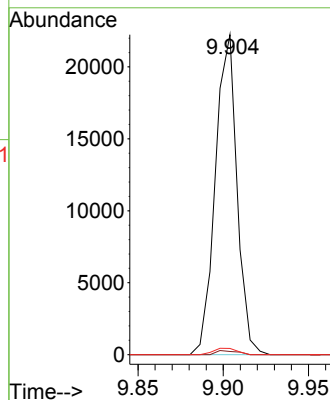
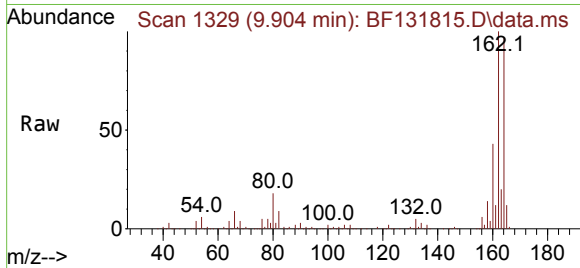




#51
2,6-Dinitrotoluene
Concen: 8.170 ng
RT: 9.904 min Scan# 11
Delta R.T. 0.200 min
Lab File: BF131815.D
Acq: 23 Dec 2022 19:55

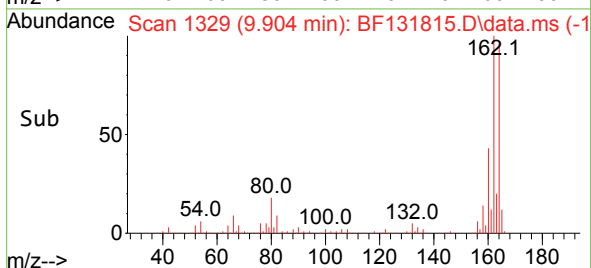
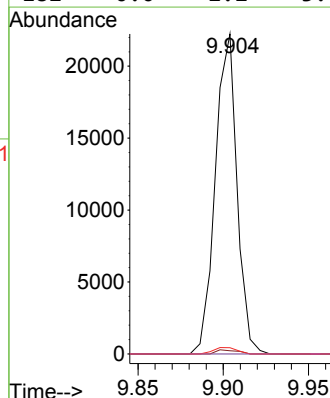
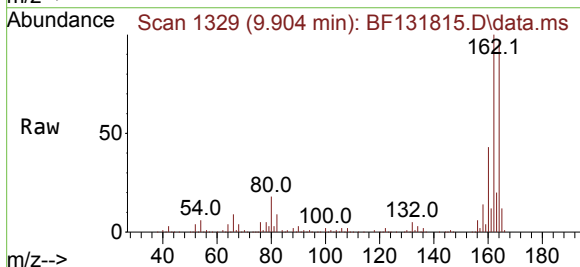
Instrument :
BNA_F
ClientSampleId :
CONC-GIS-1

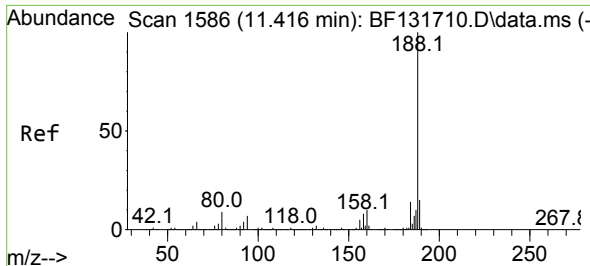
Tgt Ion:165 Resp: 19699
Ion Ratio Lower Upper
165 100
63 1.0 51.8 77.8#
89 2.0 53.2 79.8#



#57
2,4-Dinitrotoluene
Concen: 6.080 ng
RT: 9.904 min Scan# 1329
Delta R.T. -0.206 min
Lab File: BF131815.D
Acq: 23 Dec 2022 19:55

Tgt Ion:165 Resp: 19699
Ion Ratio Lower Upper
165 100
63 1.0 41.5 62.3#
89 2.0 67.0 100.4#
182 0.0 2.2 3.4#

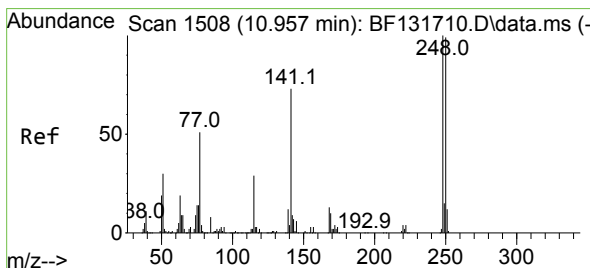
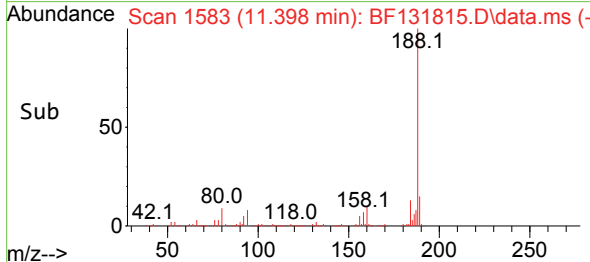
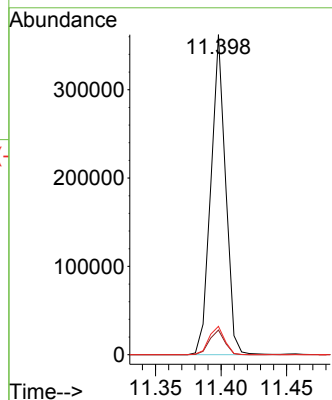
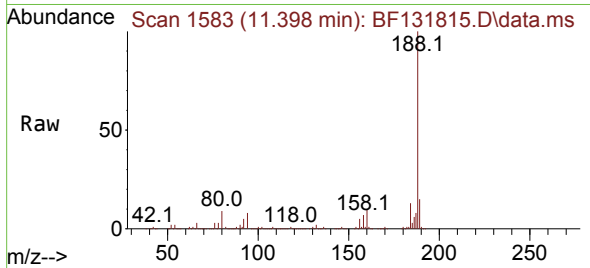




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.398 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF131815.D
Acq: 23 Dec 2022 19:55

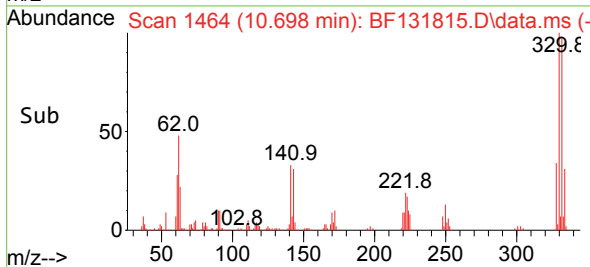
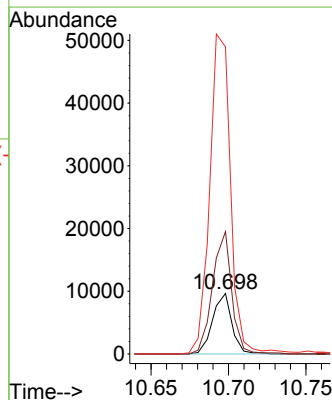
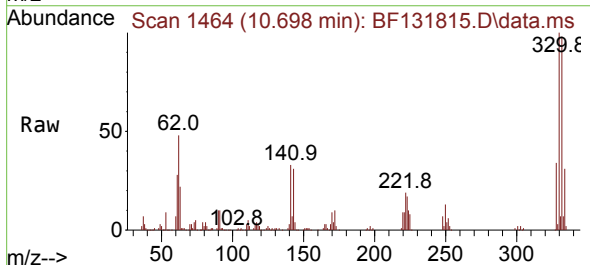
Instrument :
BNA_F
ClientSampleId :
CONC-GIS-1

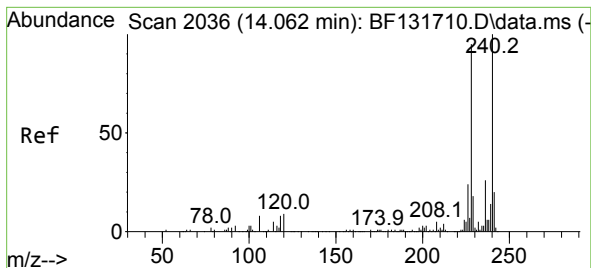
Tgt Ion:188 Resp: 283575
Ion Ratio Lower Upper
188 100
94 7.7 5.9 8.9
80 8.8 7.0 10.6



#67
4-Bromophenyl-phenylether
Concen: 2.494 ng
RT: 10.698 min Scan# 1464
Delta R.T. -0.253 min
Lab File: BF131815.D
Acq: 23 Dec 2022 19:55

Tgt Ion:248 Resp: 8354
Ion Ratio Lower Upper
248 100
250 202.2 79.4 119.0#
141 507.3 58.1 87.1#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.057 min Scan# 2036

Delta R.T. -0.012 min

Lab File: BF131815.D

Acq: 23 Dec 2022 19:55

Instrument :

BNA_F

ClientSampleId :

CONC-GIS-1

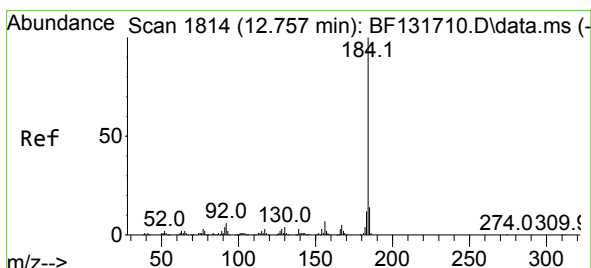
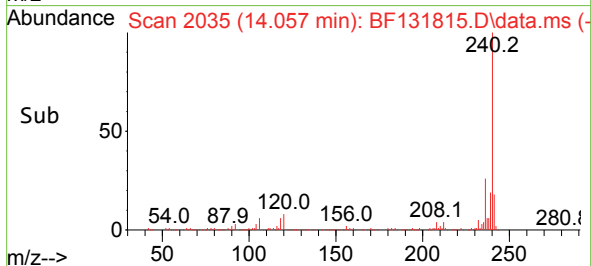
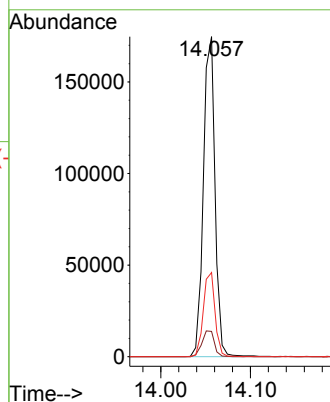
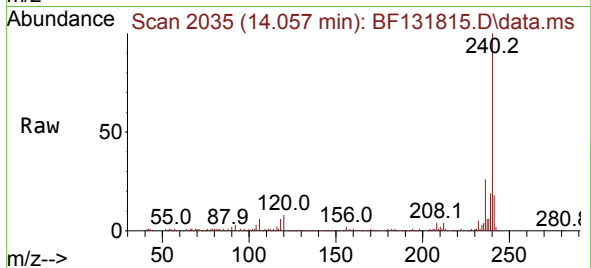
Tgt Ion:240 Resp: 157302

Ion Ratio Lower Upper

240 100

120 7.9 7.6 11.4

236 26.3 21.2 31.8



#77

Benzidine

Concen: 4.830 ng

RT: 12.998 min Scan# 1855

Delta R.T. 0.247 min

Lab File: BF131815.D

Acq: 23 Dec 2022 19:55

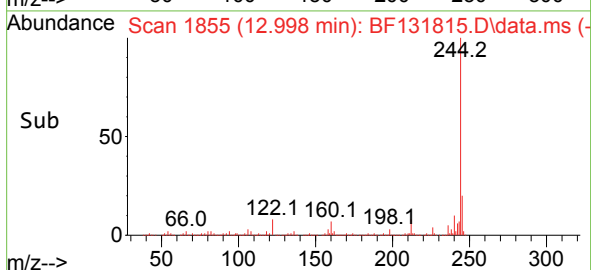
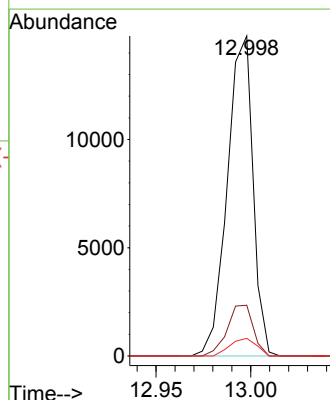
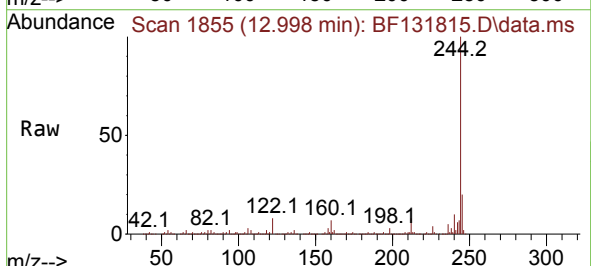
Tgt Ion:184 Resp: 13931

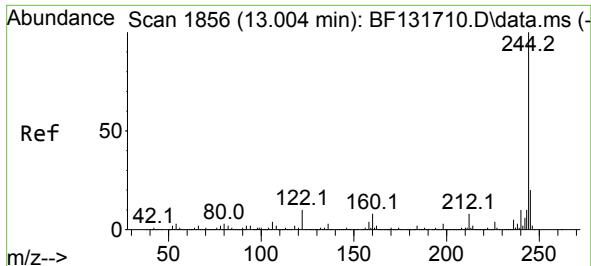
Ion Ratio Lower Upper

184 100

185 15.8 11.3 16.9

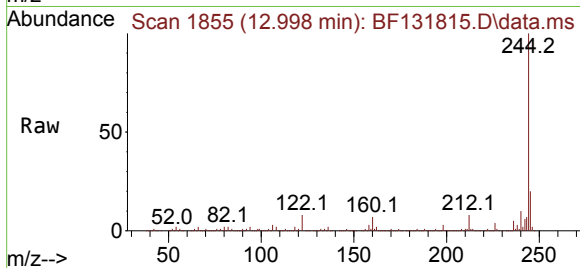
183 5.5 9.3 13.9#



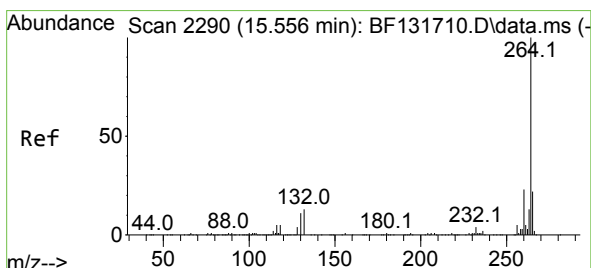
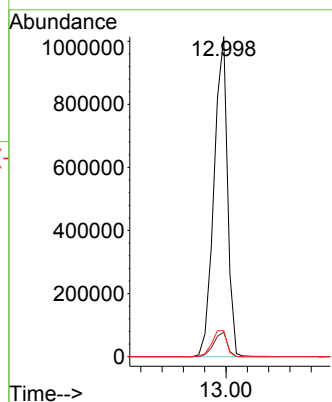
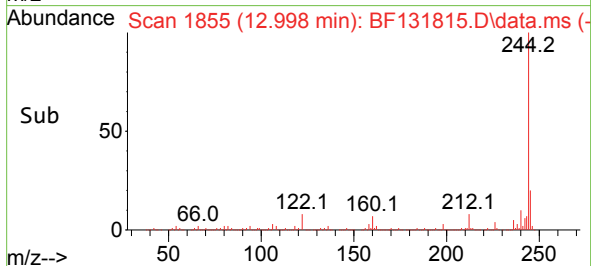


#79
 Terphenyl-d14
 Concen: 88.744 ng
 RT: 12.998 min Scan# 1855
 Delta R.T. -0.006 min
 Lab File: BF131815.D
 Acq: 23 Dec 2022 19:55

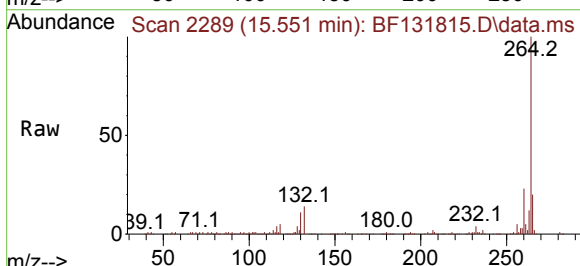
Instrument :
 BNA_F
 ClientSampleId :
 CONC-GIS-1



Tgt Ion:244 Resp: 895697
 Ion Ratio Lower Upper
 244 100
 212 7.7 6.5 9.7
 122 8.1 7.7 11.5



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.551 min Scan# 2289
 Delta R.T. -0.012 min
 Lab File: BF131815.D
 Acq: 23 Dec 2022 19:55



Tgt Ion:264 Resp: 151990
 Ion Ratio Lower Upper
 264 100
 260 23.0 18.6 28.0
 265 20.4 17.4 26.2

