

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122222\
 Data File : BF131782.D
 Acq On : 22 Dec 2022 18:00
 Operator : CG\JU
 Sample : N6157-01
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 20221418-COMPOSITE-A

Quant Time: Dec 23 03:32:04 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122022.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 23 03:03:57 2022
 Response via : Initial Calibration

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

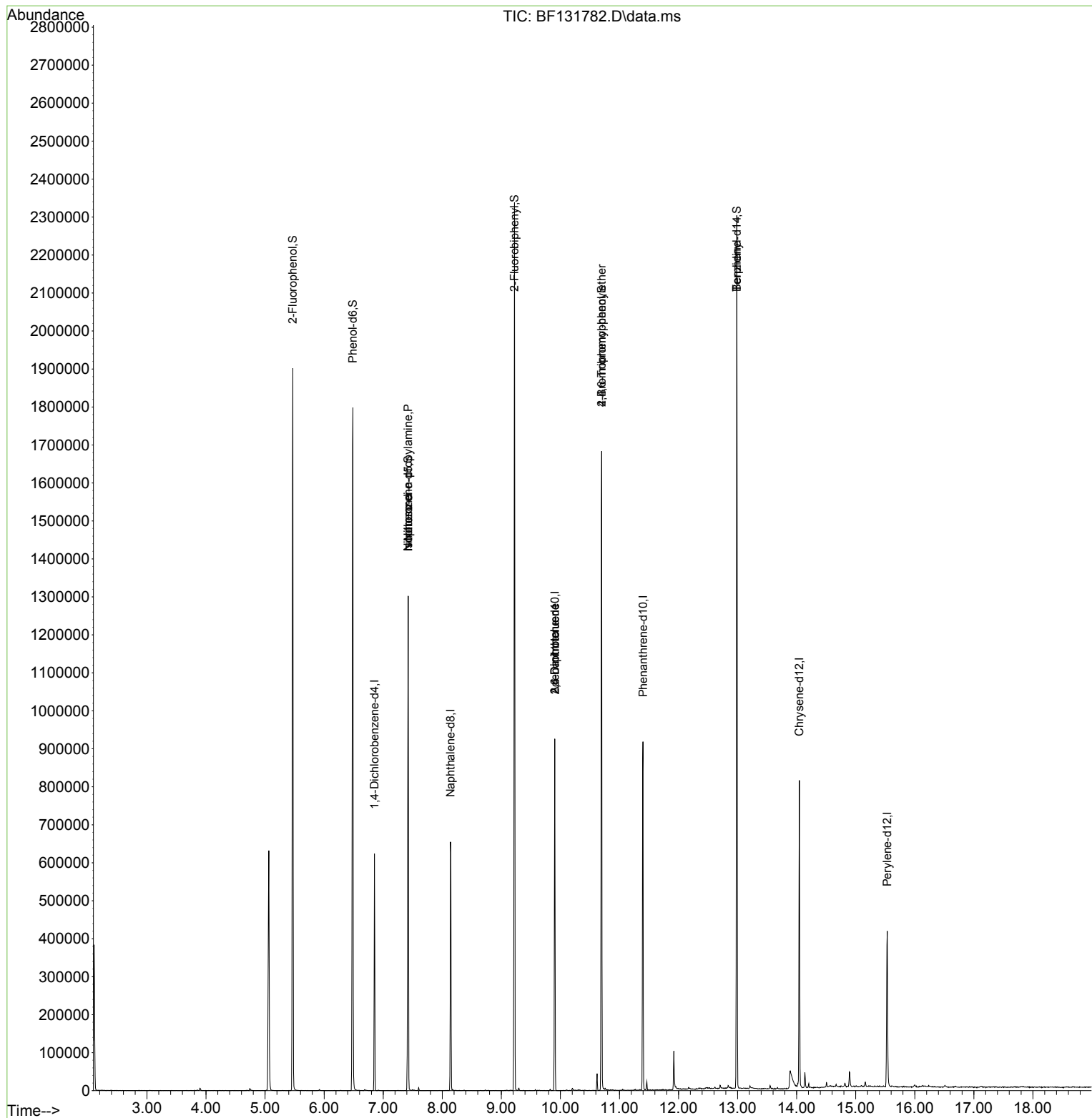
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.851	152	76724	20.000	ng	0.00
21) Naphthalene-d8	8.140	136	280839	20.000	ng	0.00
39) Acenaphthene-d10	9.904	164	165836	20.000	ng	0.00
64) Phenanthrene-d10	11.398	188	330696	20.000	ng	0.00
76) Chrysene-d12	14.045	240	248718	20.000	ng	0.00
86) Perylene-d12	15.533	264	189787	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	476876	104.662	ng	0.01
7) Phenol-d6	6.487	99	618131	100.792	ng	0.00
23) Nitrobenzene-d5	7.422	82	424094	61.304	ng	0.00
42) 2,4,6-Tribromophenol	10.698	330	179749	99.028	ng	0.00
45) 2-Fluorobiphenyl	9.222	172	651756	55.054	ng	0.00
79) Terphenyl-d14	12.986	244	741811	46.484	ng	0.00
Target Compounds						
					Qvalue	
9) Benzaldehyde	6.481	77	1040	Below Cal	#	5
19) n-Nitroso-di-n-propyla...	7.422	70	57368	12.970	ng	# 78
25) Isophorone	7.422	82	424088	36.098	ng	# 70
51) 2,6-Dinitrotoluene	9.904	165	21023	7.835	ng	# 19
57) 2,4-Dinitrotoluene	9.904	165	21023	5.831	ng	# 18
67) 4-Bromophenyl-phenylether	10.698	248	12884	3.299	ng	# 1
77) Benzydine	12.986	184	11679	2.561	ng	# 89

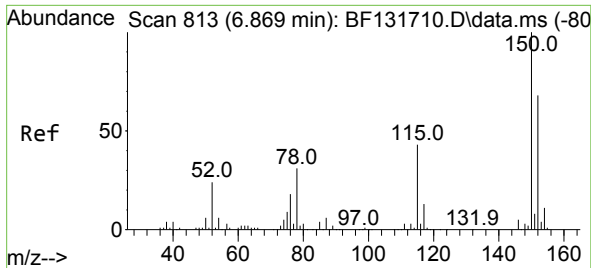
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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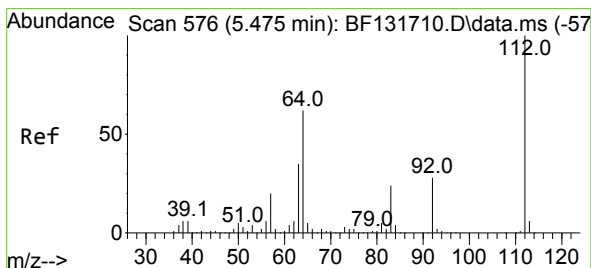
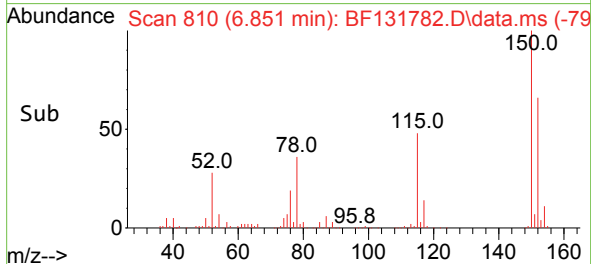
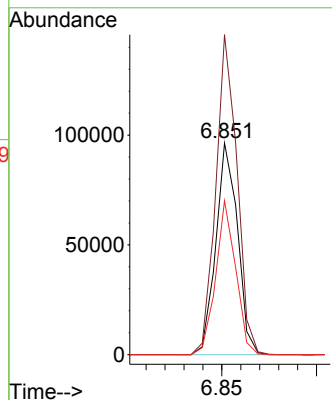
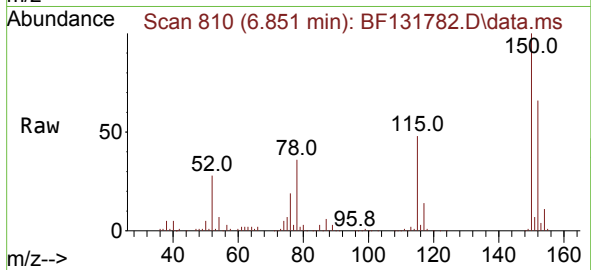




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.851 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF131782.D
Acq: 22 Dec 2022 18:00

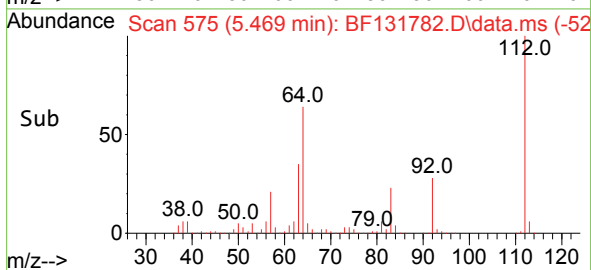
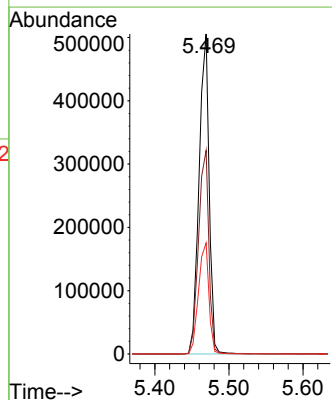
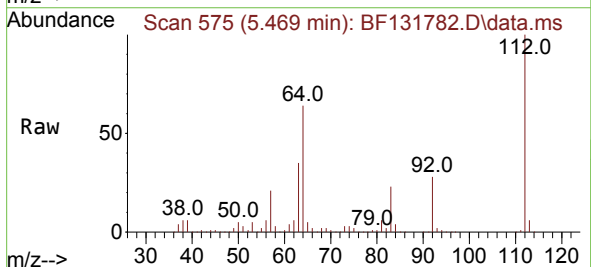
Instrument :
BNA_F
ClientSampleId :
20221418-COMPOSITE-A

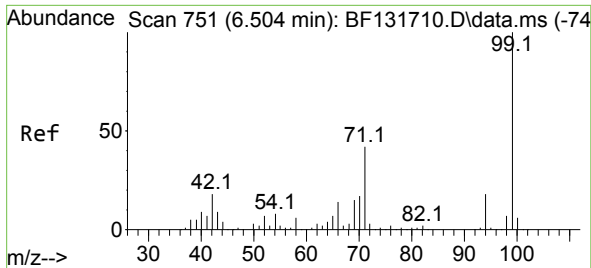
Tgt Ion:152 Resp: 76724
Ion Ratio Lower Upper
152 100
150 151.2 117.4 176.0
115 72.8 50.2 75.4



#5
2-Fluorophenol
Concen: 104.662 ng
RT: 5.469 min Scan# 575
Delta R.T. 0.012 min
Lab File: BF131782.D
Acq: 22 Dec 2022 18:00

Tgt Ion:112 Resp: 476876
Ion Ratio Lower Upper
112 100
64 63.6 49.5 74.3
63 34.7 28.2 42.2





#7

Phenol-d6

Concen: 100.792 ng

RT: 6.487 min Scan# 74

Delta R.T. -0.000 min

Lab File: BF131782.D

Acq: 22 Dec 2022 18:00

Instrument :

BNA_F

ClientSampleId :

20221418-COMPOSITE-A

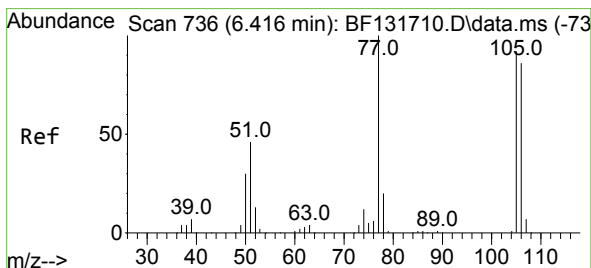
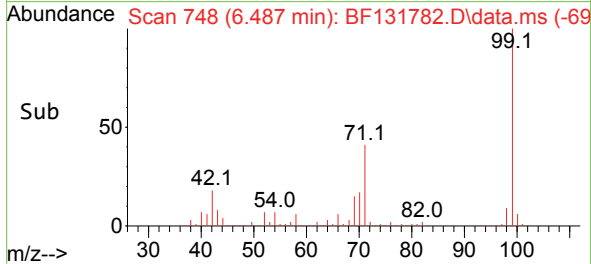
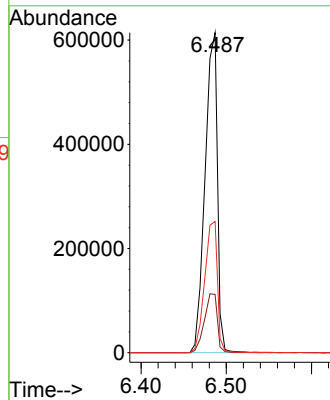
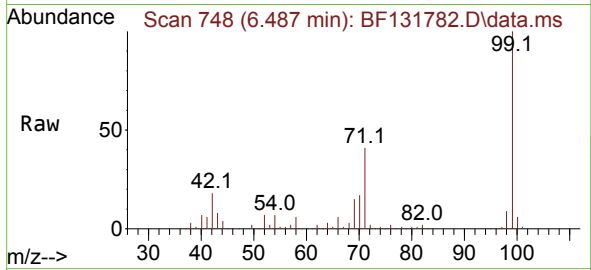
Tgt Ion: 99 Resp: 618131

Ion Ratio Lower Upper

99 100

42 18.2 14.8 22.2

71 41.0 33.8 50.6



#9

Benzaldehyde

Concen: Below Cal

RT: 6.481 min Scan# 747

Delta R.T. 0.076 min

Lab File: BF131782.D

Acq: 22 Dec 2022 18:00

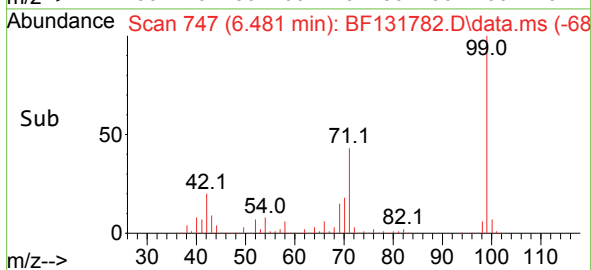
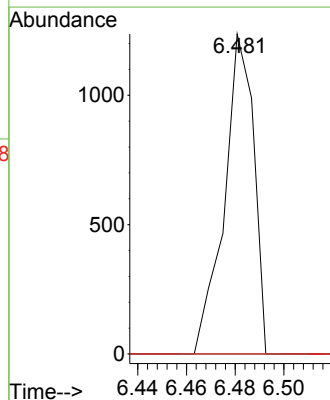
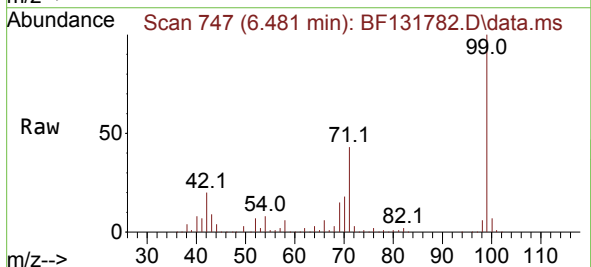
Tgt Ion: 77 Resp: 1040

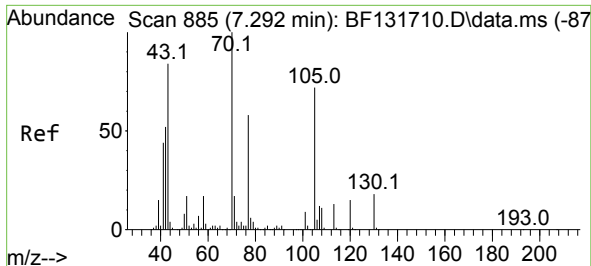
Ion Ratio Lower Upper

77 100

105 0.0 72.4 112.4#

106 0.0 66.5 106.5#

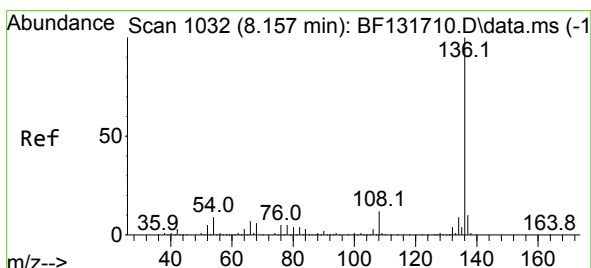
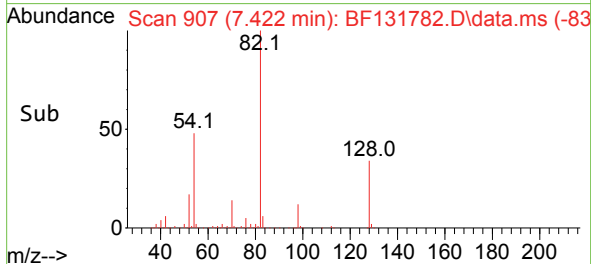
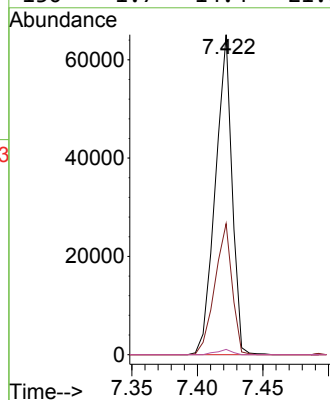
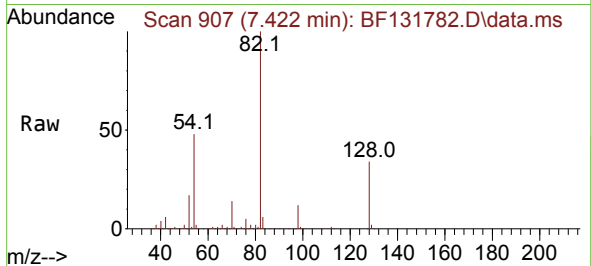




#19
n-Nitroso-di-n-propylamine
Concen: 12.970 ng
RT: 7.422 min Scan# 90
Delta R.T. 0.147 min
Lab File: BF131782.D
Acq: 22 Dec 2022 18:00

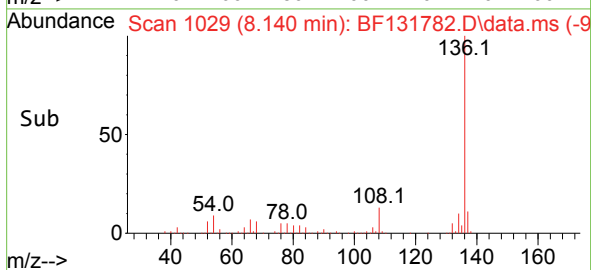
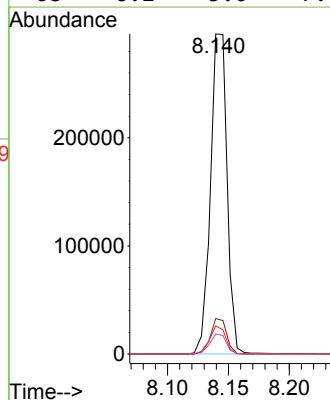
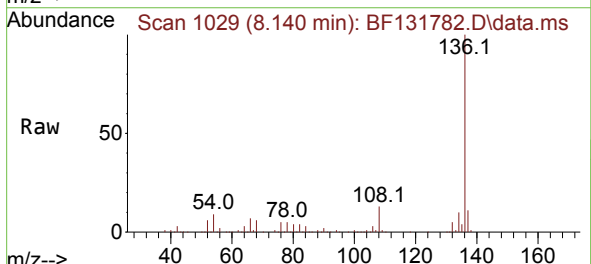
Instrument :
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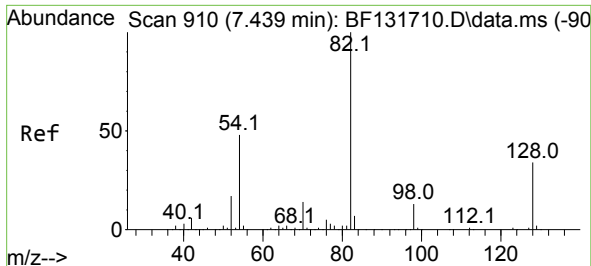
Tgt Ion: 70 Resp: 57368
Ion Ratio Lower Upper
70 100
42 41.0 41.5 62.3#
101 0.0 7.3 10.9#
130 1.7 14.4 21.6#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.140 min Scan# 1029
Delta R.T. -0.006 min
Lab File: BF131782.D
Acq: 22 Dec 2022 18:00

Tgt Ion:136 Resp: 280839
Ion Ratio Lower Upper
136 100
137 11.1 8.4 12.6
54 8.8 7.2 10.8
68 6.2 5.0 7.6

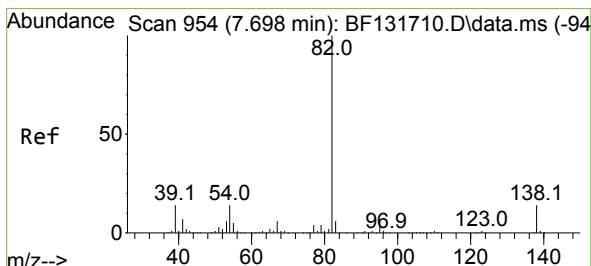
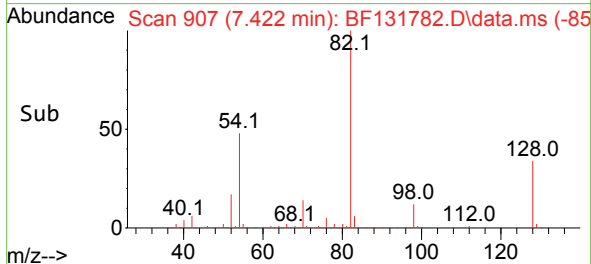
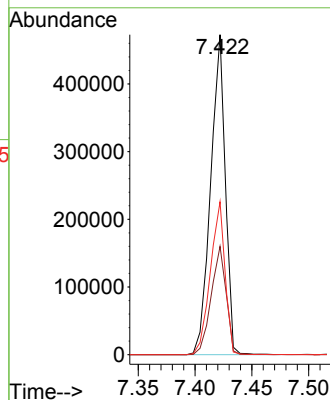
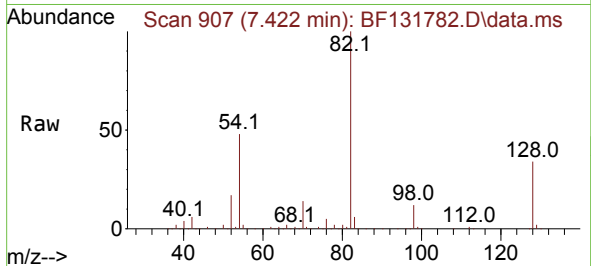




#23
Nitrobenzene-d5
Concen: 61.304 ng
RT: 7.422 min Scan# 907
Delta R.T. -0.006 min
Lab File: BF131782.D
Acq: 22 Dec 2022 18:00

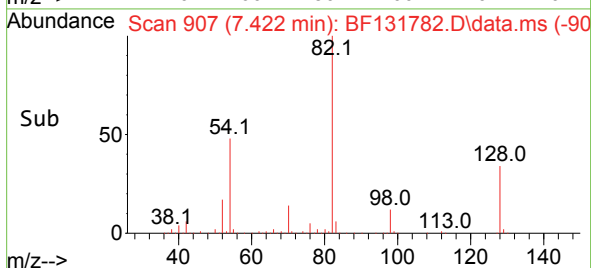
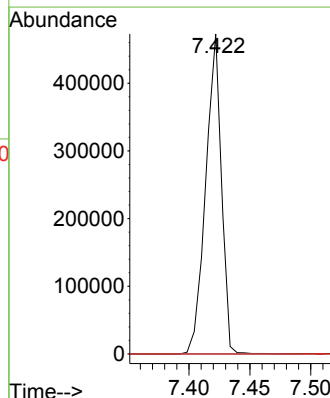
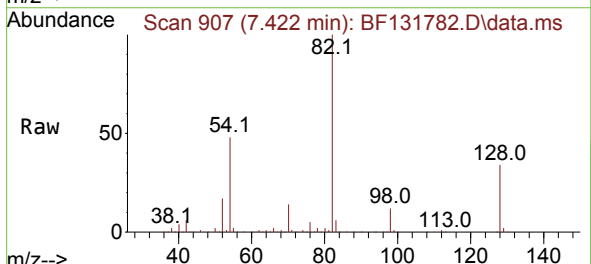
Instrument :
BNA_F
ClientSampleId :
20221418-COMPOSITE-A

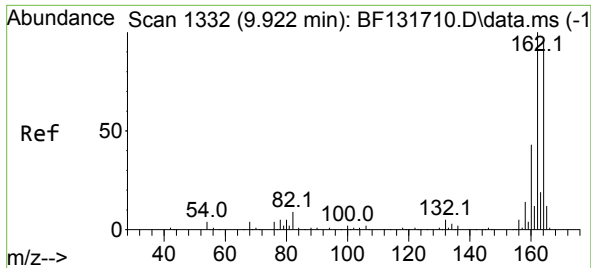
Tgt Ion: 82 Resp: 424094
Ion Ratio Lower Upper
82 100
128 33.9 27.3 40.9
54 47.8 38.2 57.2



#25
Isophorone
Concen: 36.098 ng
RT: 7.422 min Scan# 907
Delta R.T. -0.265 min
Lab File: BF131782.D
Acq: 22 Dec 2022 18:00

Tgt Ion: 82 Resp: 424088
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.6#
138 0.0 11.6 17.4#

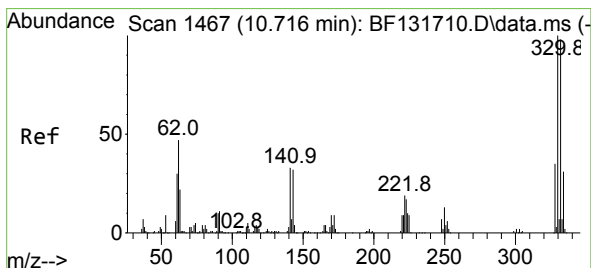
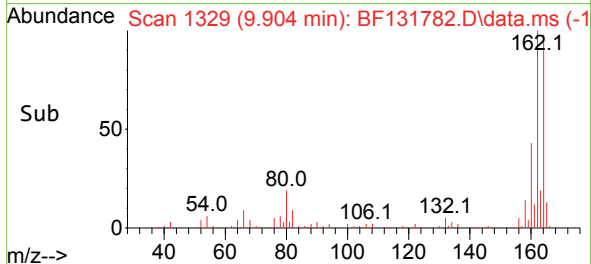
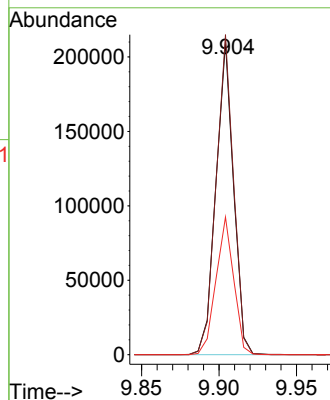
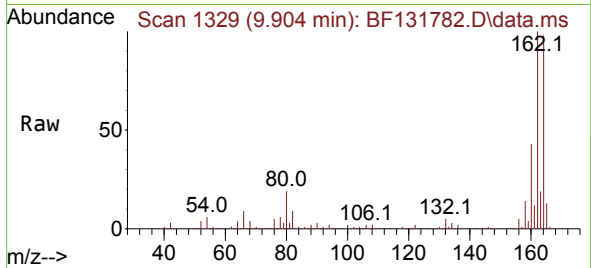




#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.904 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF131782.D
 Acq: 22 Dec 2022 18:00

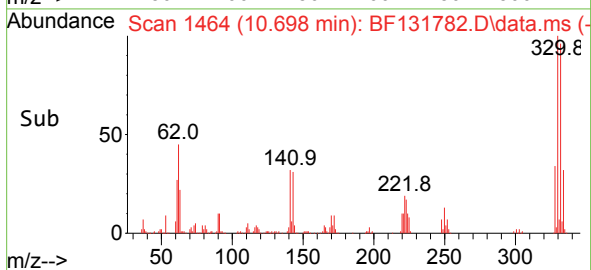
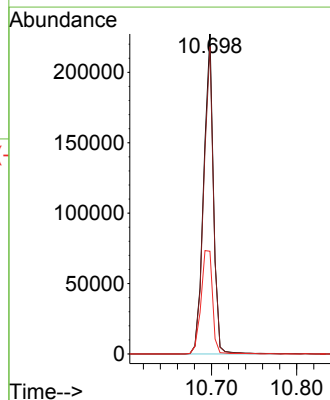
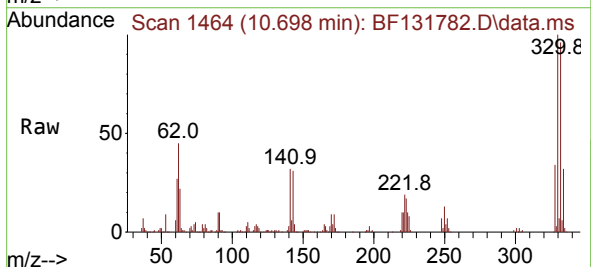
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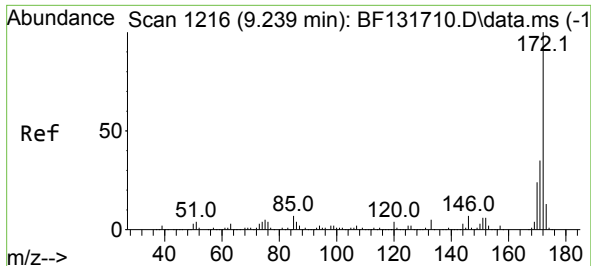
Tgt Ion:164 Resp: 165836
 Ion Ratio Lower Upper
 164 100
 162 102.3 83.7 125.5
 160 44.0 36.2 54.4



#42
 2,4,6-Tribromophenol
 Concen: 99.028 ng
 RT: 10.698 min Scan# 1464
 Delta R.T. -0.006 min
 Lab File: BF131782.D
 Acq: 22 Dec 2022 18:00

Tgt Ion:330 Resp: 179749
 Ion Ratio Lower Upper
 330 100
 332 96.5 77.1 115.7
 141 38.4 30.4 45.6

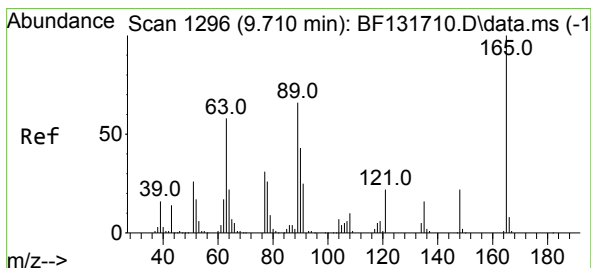
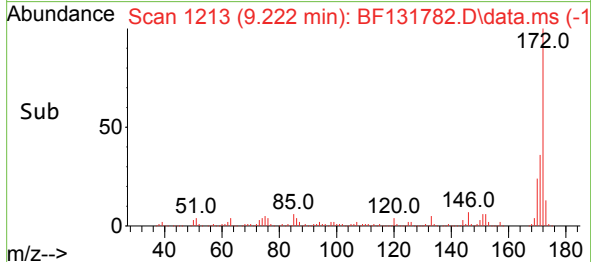
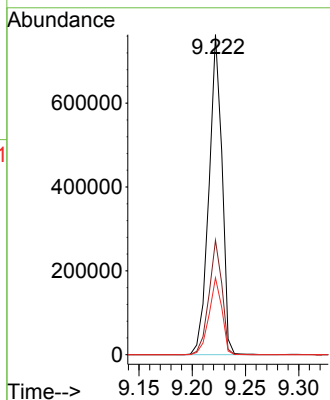
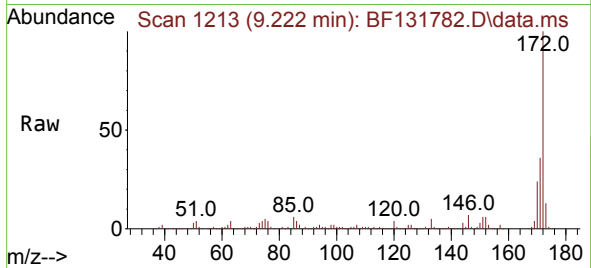




#45
2-Fluorobiphenyl
Concen: 55.054 ng
RT: 9.222 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF131782.D
Acq: 22 Dec 2022 18:00

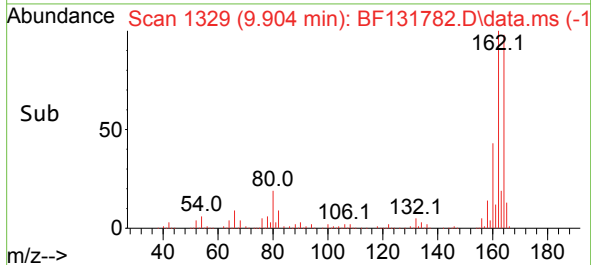
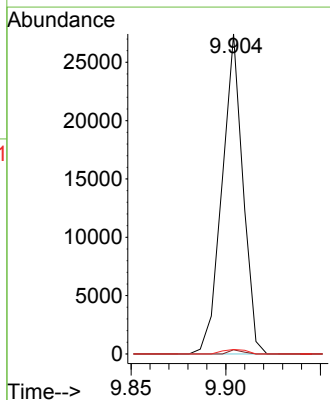
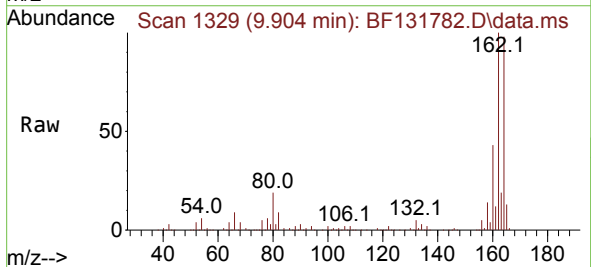
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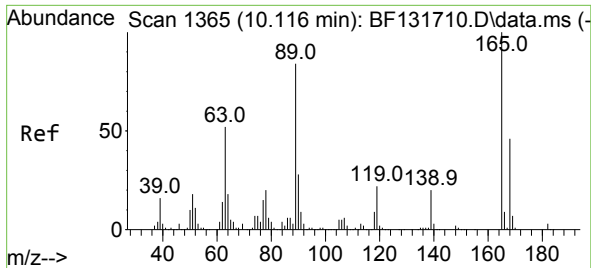
Tgt Ion:172 Resp: 651756
Ion Ratio Lower Upper
172 100
171 35.7 27.9 41.9
170 24.0 19.0 28.4



#51
2,6-Dinitrotoluene
Concen: 7.835 ng
RT: 9.904 min Scan# 1329
Delta R.T. 0.206 min
Lab File: BF131782.D
Acq: 22 Dec 2022 18:00

Tgt Ion:165 Resp: 21023
Ion Ratio Lower Upper
165 100
63 1.3 51.8 77.8#
89 1.4 53.2 79.8#

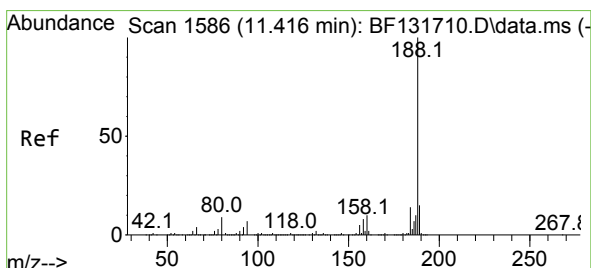
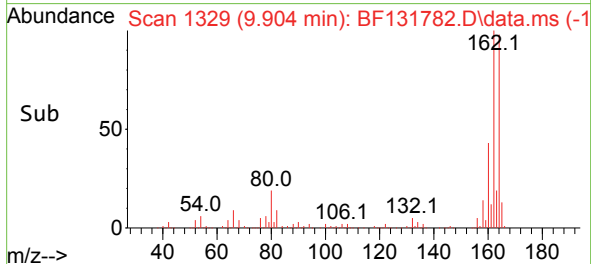
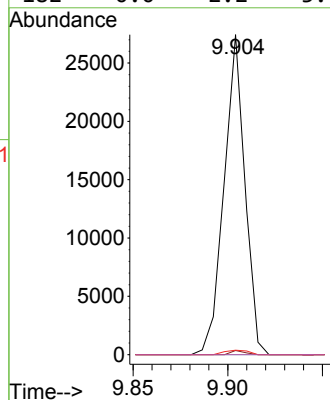
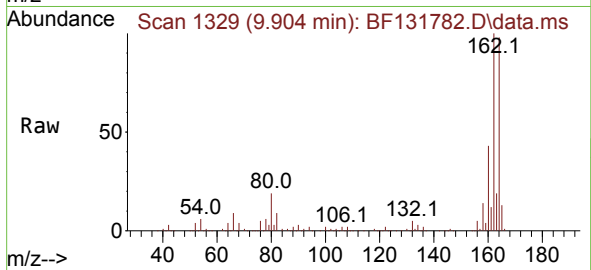




#57
2,4-Dinitrotoluene
Concen: 5.831 ng
RT: 9.904 min Scan# 11
Delta R.T. -0.200 min
Lab File: BF131782.D
Acq: 22 Dec 2022 18:00

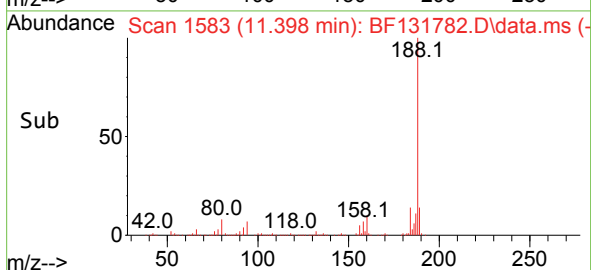
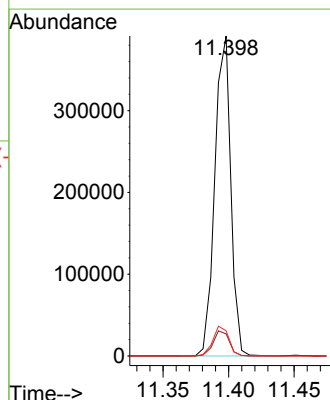
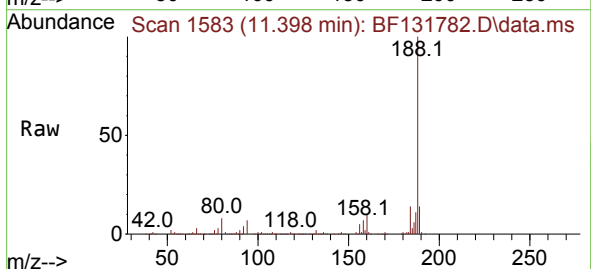
Instrument :
BNA_F
ClientSampleId :
20221418-COMPOSITE-A

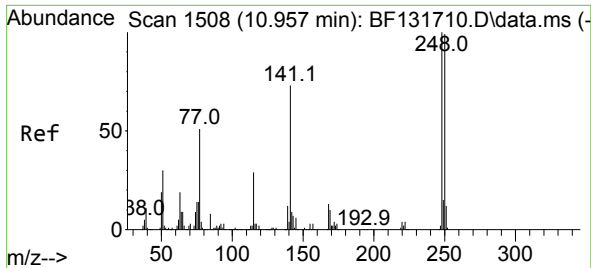
Tgt Ion:165 Resp: 21023
Ion Ratio Lower Upper
165 100
63 1.3 41.5 62.3#
89 1.4 67.0 100.4#
182 0.0 2.2 3.4#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.398 min Scan# 1583
Delta R.T. -0.000 min
Lab File: BF131782.D
Acq: 22 Dec 2022 18:00

Tgt Ion:188 Resp: 330696
Ion Ratio Lower Upper
188 100
94 6.9 5.9 8.9
80 7.8 7.0 10.6

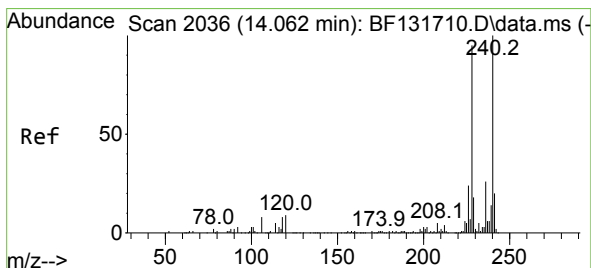
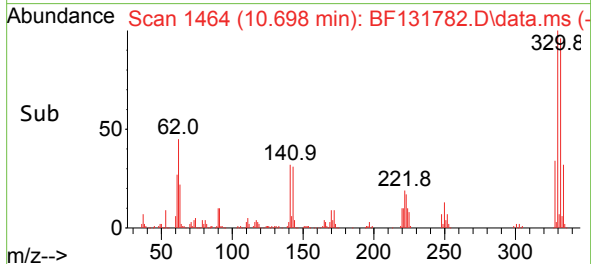
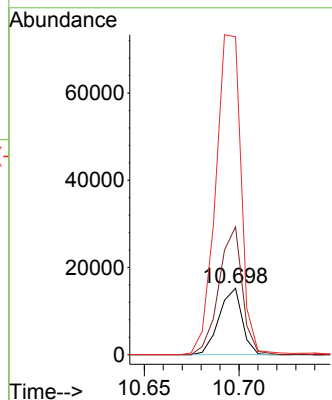
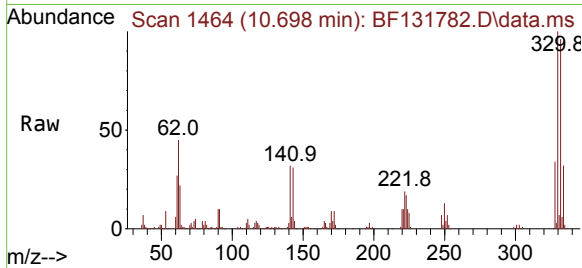




#67
4-Bromophenyl-phenylether
Concen: 3.299 ng
RT: 10.698 min Scan# 14
Delta R.T. -0.247 min
Lab File: BF131782.D
Acq: 22 Dec 2022 18:00

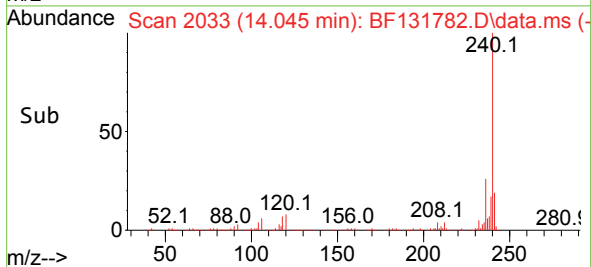
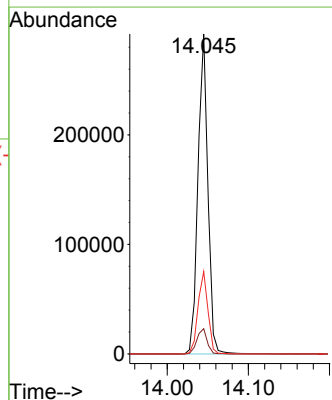
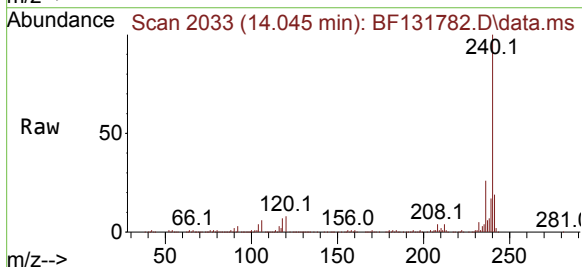
Instrument :
BNA_F
ClientSampleId :
20221418-COMPOSITE-A

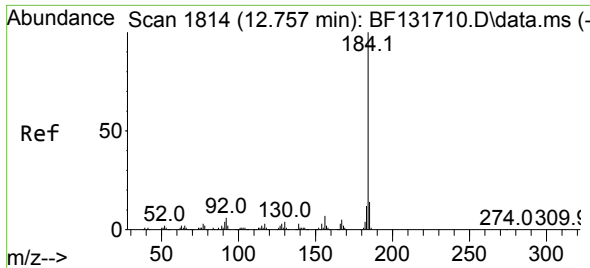
Tgt Ion:248 Resp: 12884
Ion Ratio Lower Upper
248 100
250 192.3 79.4 119.0#
141 478.2 58.1 87.1#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 2033
Delta R.T. -0.006 min
Lab File: BF131782.D
Acq: 22 Dec 2022 18:00

Tgt Ion:240 Resp: 248718
Ion Ratio Lower Upper
240 100
120 7.9 7.6 11.4
236 25.7 21.2 31.8

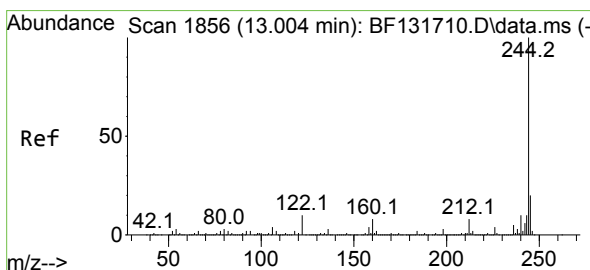
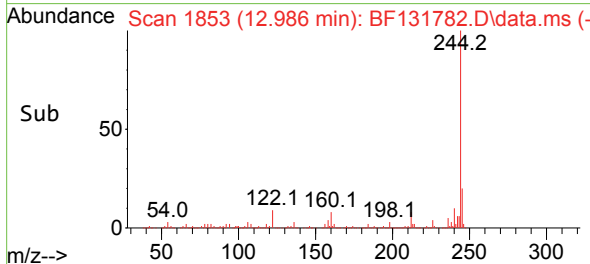
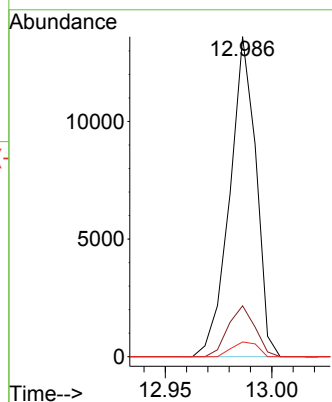
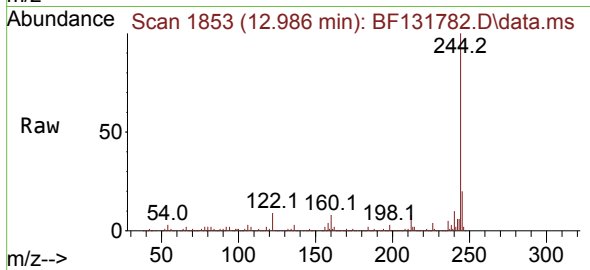




#77
Benzidine
Concen: 2.561 ng
RT: 12.986 min Scan# 1853
Delta R.T. 0.247 min
Lab File: BF131782.D
Acq: 22 Dec 2022 18:00

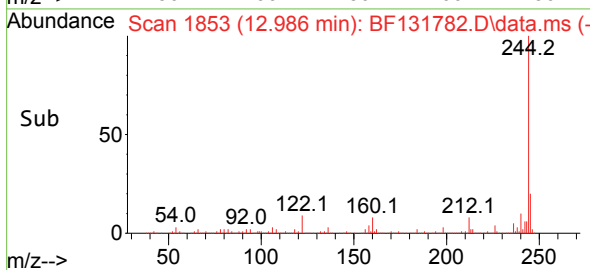
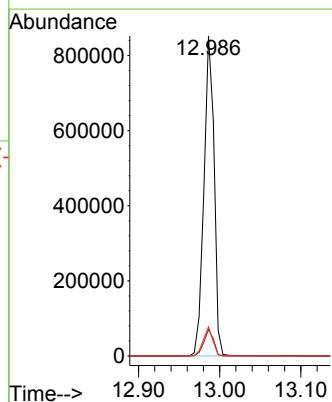
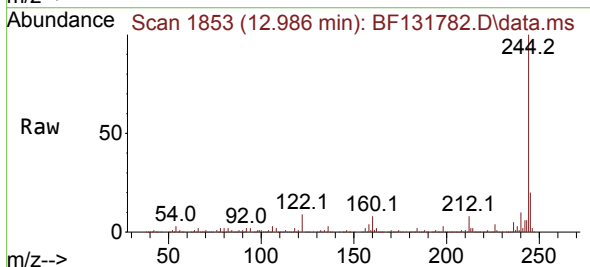
Instrument :
BNA_F
ClientSampleId :
20221418-COMPOSITE-A

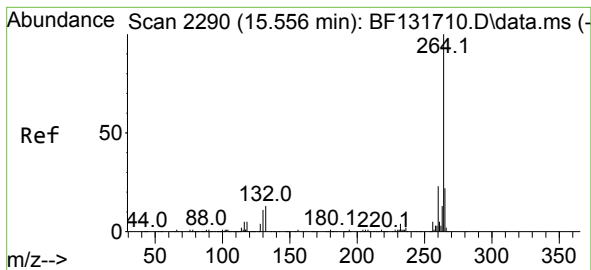
Tgt Ion:184 Resp: 11679
Ion Ratio Lower Upper
184 100
185 15.9 11.3 16.9
183 4.6 9.3 13.9#



#79
Terphenyl-d14
Concen: 46.484 ng
RT: 12.986 min Scan# 1853
Delta R.T. -0.006 min
Lab File: BF131782.D
Acq: 22 Dec 2022 18:00

Tgt Ion:244 Resp: 741811
Ion Ratio Lower Upper
244 100
212 8.2 6.5 9.7
122 9.1 7.7 11.5





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.533 min Scan# 21
Delta R.T. -0.000 min
Lab File: BF131782.D
Acq: 22 Dec 2022 18:00

Instrument :
BNA_F
ClientSampleId :
20221418-COMPOSITE-A

Tgt Ion:264 Resp: 189787

Ion	Ratio	Lower	Upper
264	100		
260	23.4	18.6	28.0
265	22.1	17.4	26.2

