

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031324\
 Data File : BF137582.D
 Acq On : 13 Mar 2024 17:57
 Operator : CG\JU
 Sample : P1725-02
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RT-3860

Quant Time: Mar 13 18:31:09 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 12 02:00:03 2024
 Response via : Initial Calibration

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

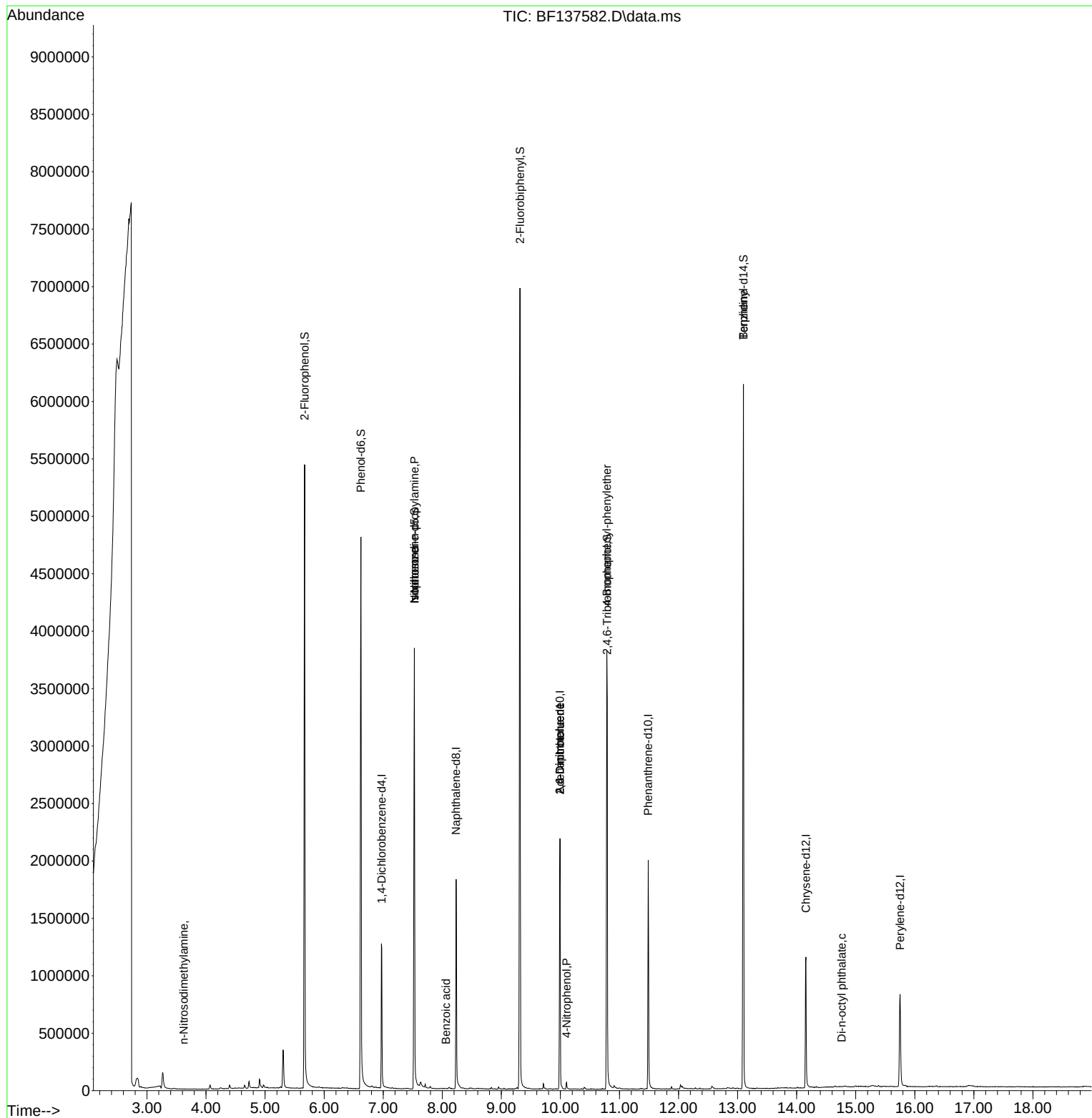
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.975	152	182556	20.000	ng	0.07
21) Naphthalene-d8	8.234	136	801070	20.000	ng	0.06
39) Acenaphthene-d10	9.992	164	451016	20.000	ng	0.06
64) Phenanthrene-d10	11.486	188	702186	20.000	ng	0.05
76) Chrysene-d12	14.157	240	436098	20.000	ng	0.06
86) Perylene-d12	15.751	264	447251	20.000	ng	0.10
System Monitoring Compounds						
5) 2-Fluorophenol	5.669	112	1525423	126.554	ng	0.10
7) Phenol-d6	6.622	99	1941746	111.601	ng	0.06
23) Nitrobenzene-d5	7.528	82	1421393	82.444	ng	0.06
42) 2,4,6-Tribromophenol	10.792	330	529157	133.602	ng	0.06
45) 2-Fluorobiphenyl	9.316	172	2226845	77.288	ng	0.06
79) Terphenyl-d14	13.098	244	2306746	72.736	ng	0.06
Target Compounds						Qvalue
4) n-Nitrosodimethylamine	3.622	42	216	3.839	ng	# 44
19) n-Nitroso-di-n-propyla...	7.528	70	181557	16.898	ng	# 80
25) Isophorone	7.528	82	1421393	43.396	ng	# 69
32) Benzoic acid	8.063	122	781	6.390	ng	# 66
51) 2,6-Dinitrotoluene	9.992	165	58441	8.899	ng	# 20
56) 4-Nitrophenol	10.104	139	305	4.585	ng	# 1
57) 2,4-Dinitrotoluene	9.992	165	58441	7.244	ng	# 20
67) 4-Bromophenyl-phenylether	10.786	248	34422	4.501	ng	# 1
77) Benzidine	13.098	184	25491	2.389	ng	# 91
85) Di-n-octyl phthalate	14.763	149	859	5.635	ng	# 1

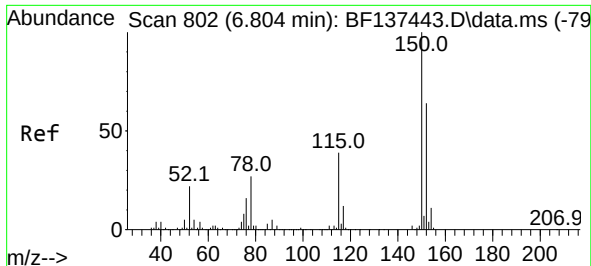
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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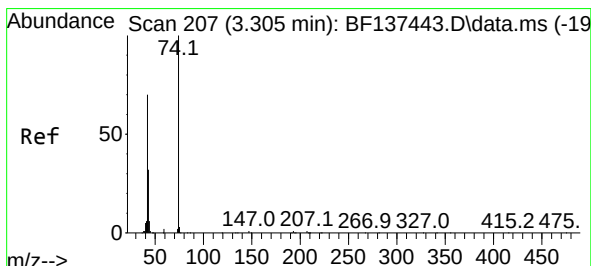
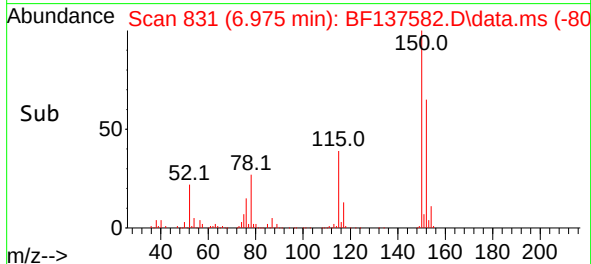
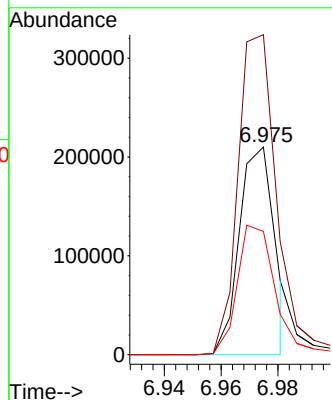
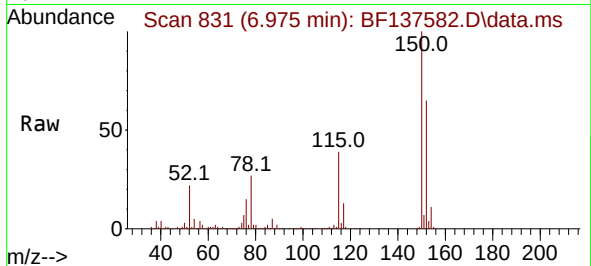




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.975 min Scan# 81
Delta R.T. 0.071 min
Lab File: BF137582.D
Acq: 13 Mar 2024 17:57

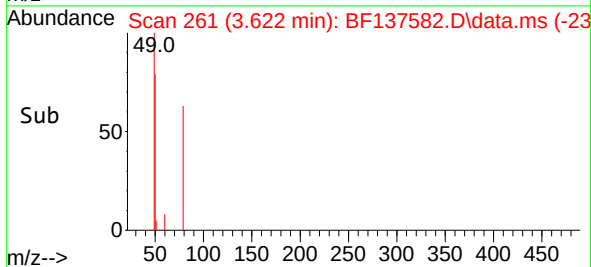
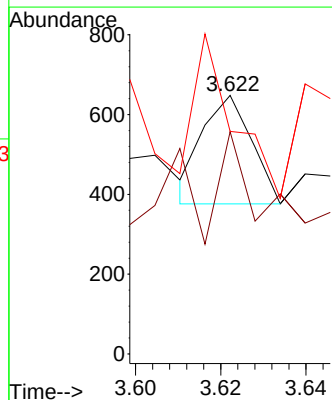
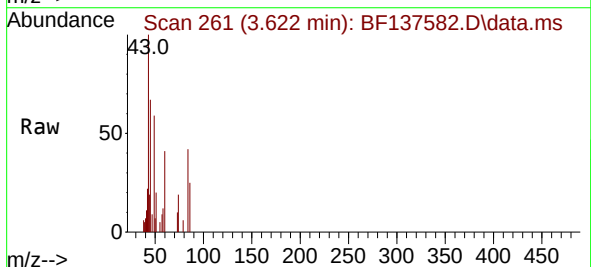
Instrument :
BNA_F
ClientSampleId :
RT-3860

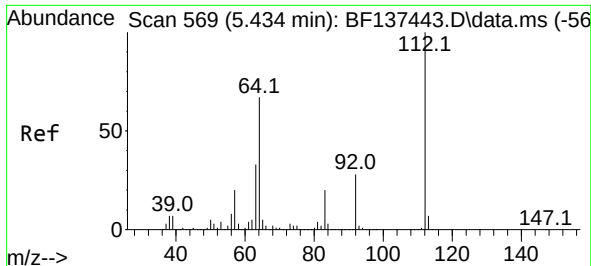
Tgt Ion:152 Resp: 182556
Ion Ratio Lower Upper
152 100
150 154.0 125.8 188.6
115 59.4 48.8 73.2



#4
n-Nitrosodimethylamine
Concen: 3.839 ng
RT: 3.622 min Scan# 261
Delta R.T. 0.053 min
Lab File: BF137582.D
Acq: 13 Mar 2024 17:57

Tgt Ion: 42 Resp: 216
Ion Ratio Lower Upper
42 100
74 86.0 114.0 171.0#
44 86.1 7.0 10.4#

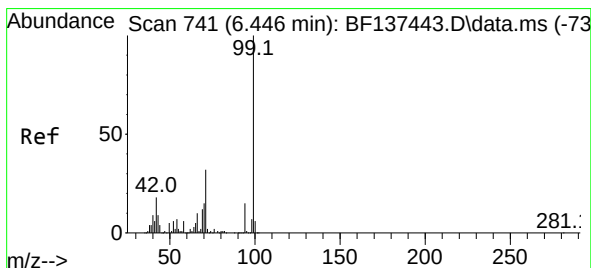
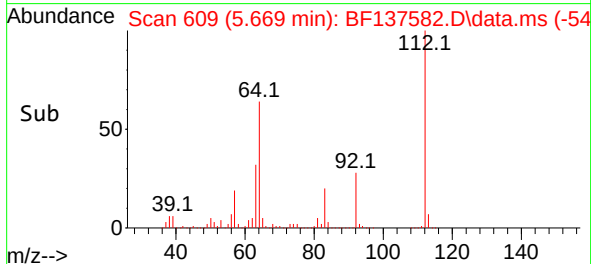
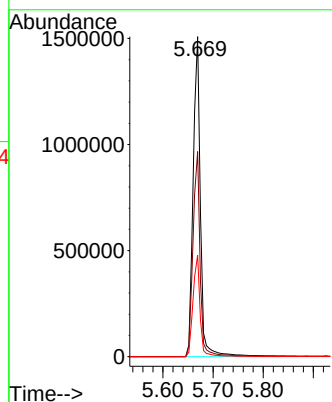
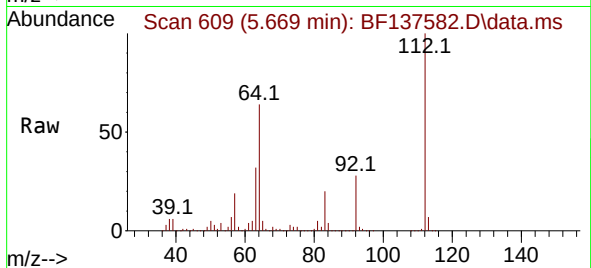




#5
2-Fluorophenol
Concen: 126.554 ng
RT: 5.669 min Scan# 609
Delta R.T. 0.100 min
Lab File: BF137582.D
Acq: 13 Mar 2024 17:57

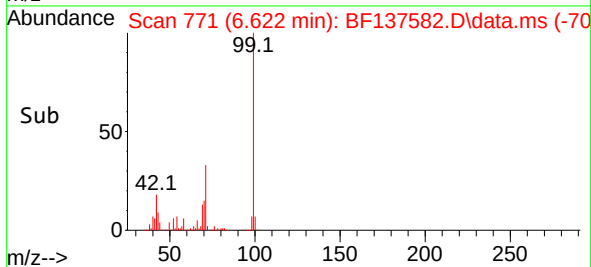
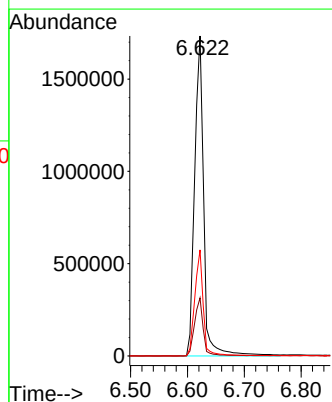
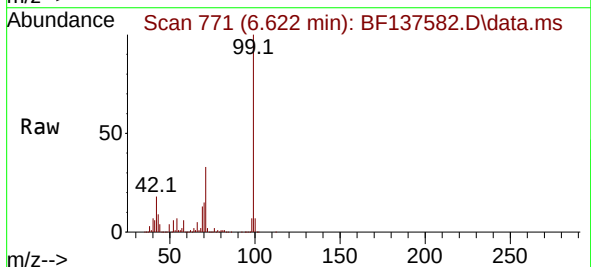
Instrument :
BNA_F
ClientSampleId :
RT-3860

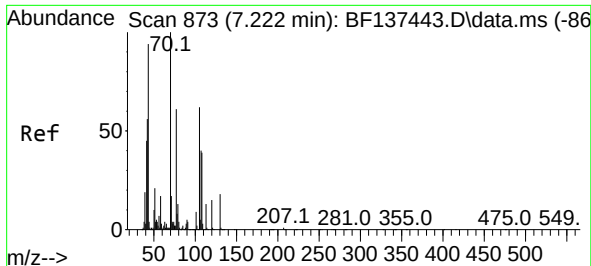
Tgt Ion:112 Resp: 1525423
Ion Ratio Lower Upper
112 100
64 64.1 53.4 80.2
63 31.7 26.2 39.2



#7
Phenol-d6
Concen: 111.601 ng
RT: 6.622 min Scan# 771
Delta R.T. 0.065 min
Lab File: BF137582.D
Acq: 13 Mar 2024 17:57

Tgt Ion: 99 Resp: 1941746
Ion Ratio Lower Upper
99 100
42 18.2 14.6 21.8
71 33.1 25.3 37.9



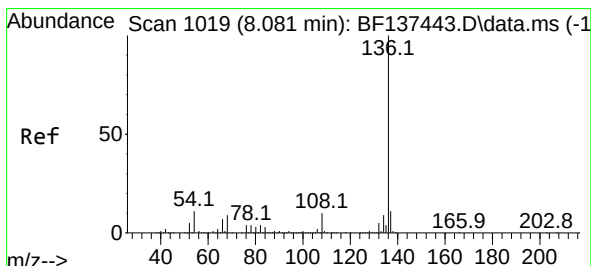
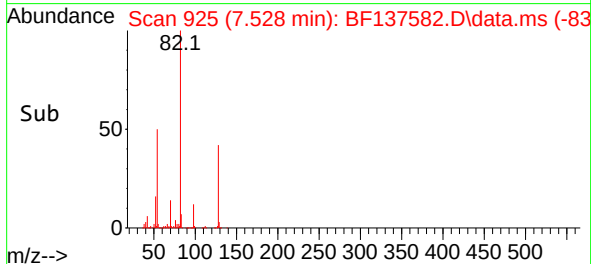
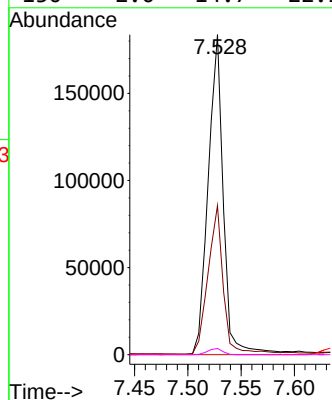
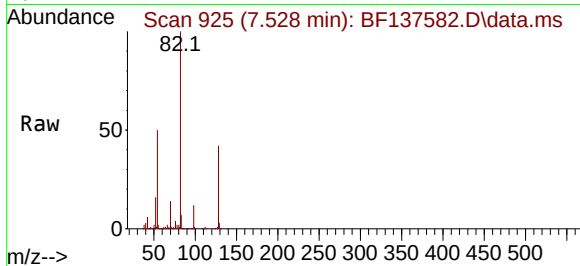


#19
n-Nitroso-di-n-propylamine
Concen: 16.898 ng
RT: 7.528 min Scan# 91
Delta R.T. 0.206 min
Lab File: BF137582.D
Acq: 13 Mar 2024 17:57

Instrument :
BNA_F
ClientSampleId :
RT-3860

Tgt Ion: 70 Resp: 181557

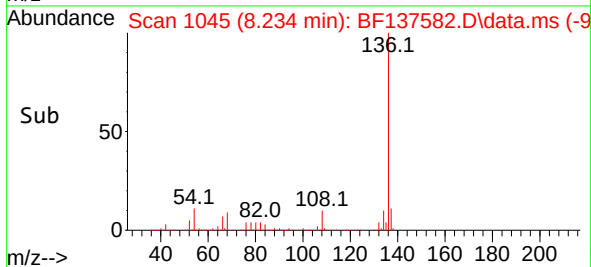
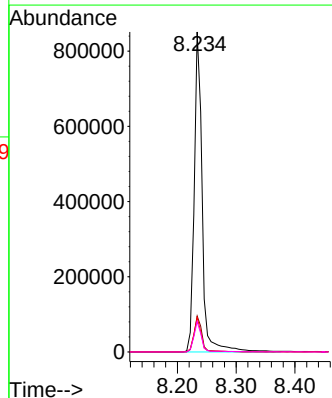
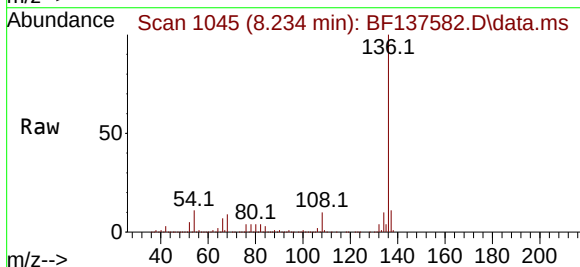
Ion	Ratio	Lower	Upper
70	100		
42	46.6	45.2	67.8
101	0.0	7.3	10.9#
130	2.0	14.7	22.1#

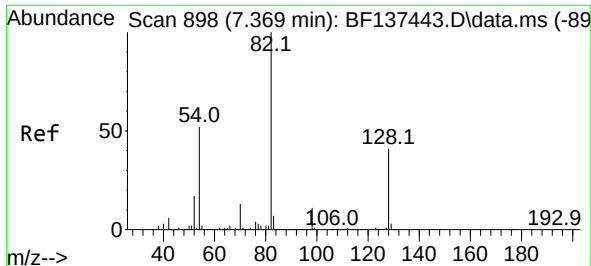


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.234 min Scan# 1045
Delta R.T. 0.059 min
Lab File: BF137582.D
Acq: 13 Mar 2024 17:57

Tgt Ion: 136 Resp: 801070

Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.1	13.7
54	10.7	8.5	12.7
68	9.5	7.4	11.2





#23

Nitrobenzene-d5

Concen: 82.444 ng

RT: 7.528 min Scan# 91

Delta R.T. 0.059 min

Lab File: BF137582.D

Acq: 13 Mar 2024 17:57

Instrument :

BNA_F

ClientSampleId :

RT-3860

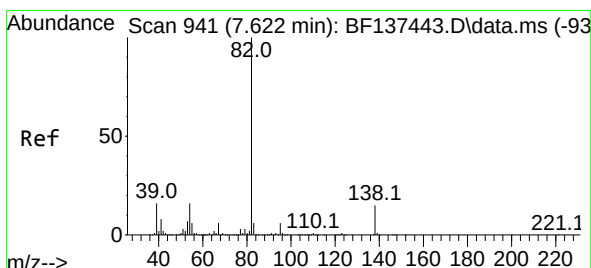
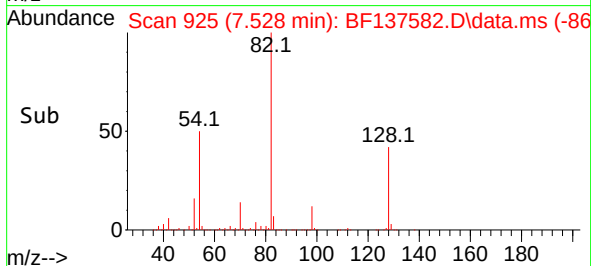
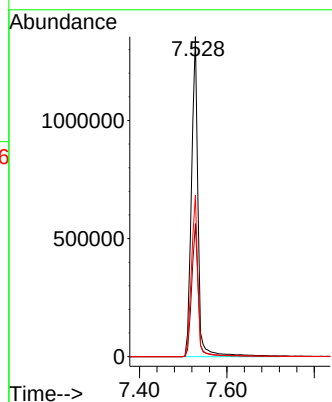
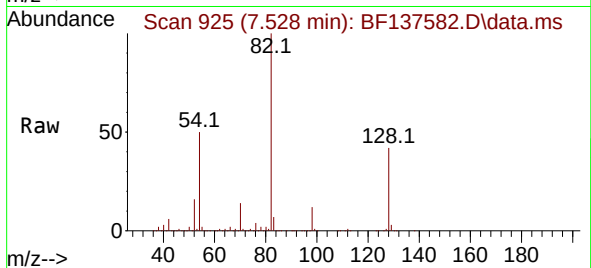
Tgt Ion: 82 Resp: 1421393

Ion Ratio Lower Upper

82 100

128 41.6 32.5 48.7

54 50.5 41.5 62.3



#25

Isophorone

Concen: 43.396 ng

RT: 7.528 min Scan# 925

Delta R.T. -0.194 min

Lab File: BF137582.D

Acq: 13 Mar 2024 17:57

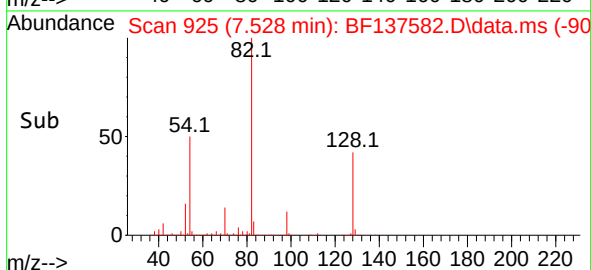
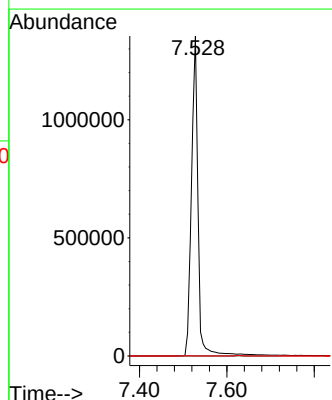
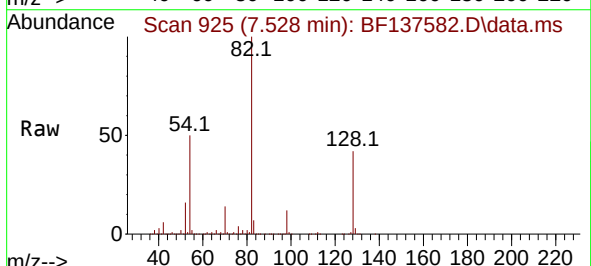
Tgt Ion: 82 Resp: 1421393

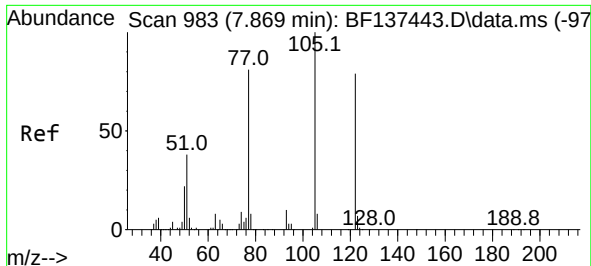
Ion Ratio Lower Upper

82 100

95 0.0 5.1 7.7#

138 0.0 11.8 17.8#

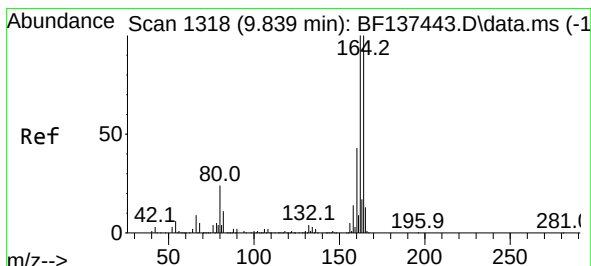
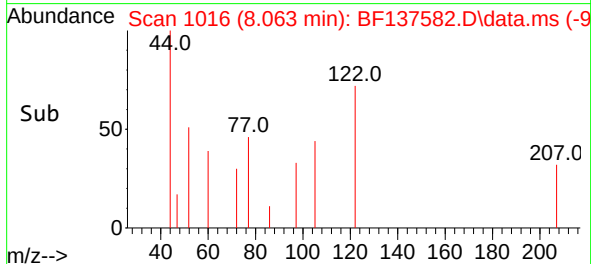
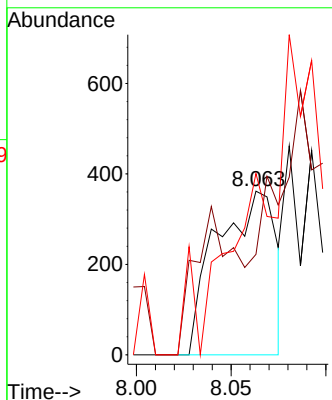
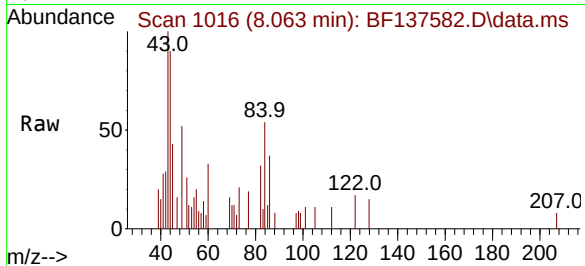




#32
Benzoic acid
Concen: 6.390 ng
RT: 8.063 min Scan# 1016
Delta R.T. 0.082 min
Lab File: BF137582.D
Acq: 13 Mar 2024 17:57

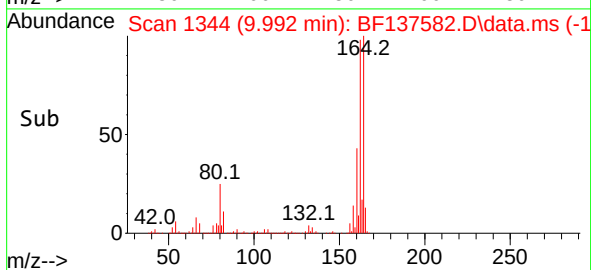
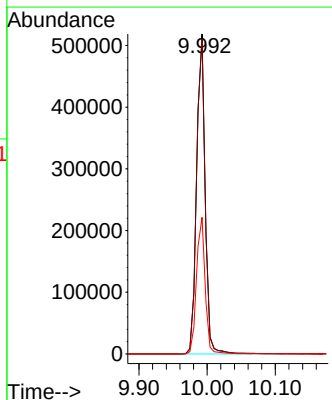
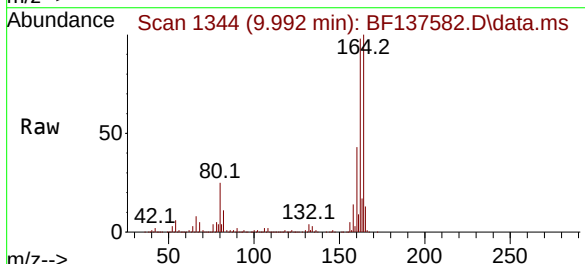
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ClientSampleId :
RT-3860

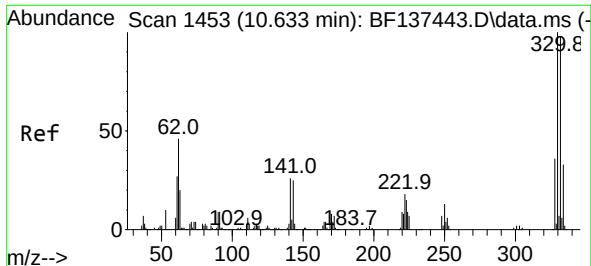
Tgt Ion:122 Resp: 781
Ion Ratio Lower Upper
122 100
105 61.3 102.4 142.4#
77 110.8 81.1 121.1



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.992 min Scan# 1344
Delta R.T. 0.059 min
Lab File: BF137582.D
Acq: 13 Mar 2024 17:57

Tgt Ion:164 Resp: 451016
Ion Ratio Lower Upper
164 100
162 98.3 79.8 119.8
160 42.7 34.4 51.6





#42

2,4,6-Tribromophenol

Concen: 133.602 ng

RT: 10.792 min Scan# 1453

Delta R.T. 0.059 min

Lab File: BF137582.D

Acq: 13 Mar 2024 17:57

Instrument :

BNA_F

ClientSampleId :

RT-3860

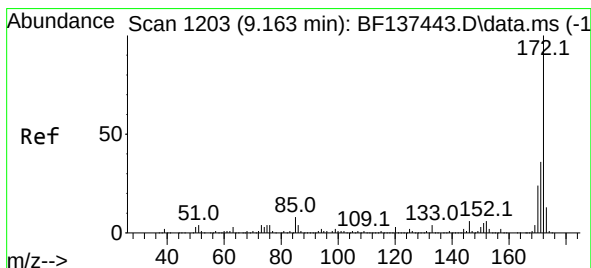
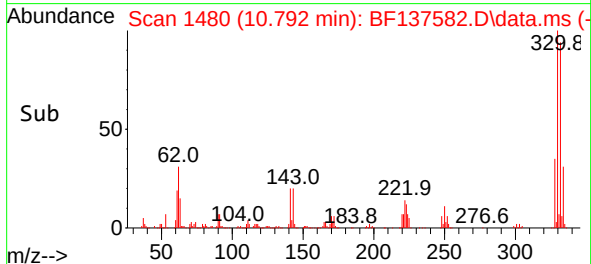
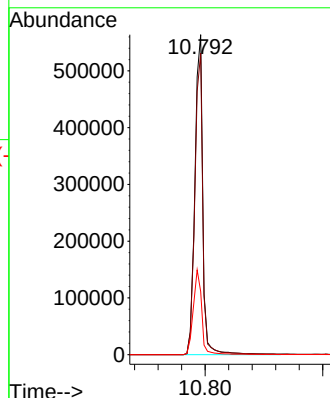
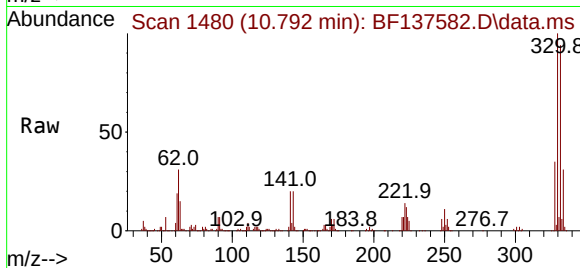
Tgt Ion:330 Resp: 529157

Ion Ratio Lower Upper

330 100

332 95.0 78.0 117.0

141 28.5 27.3 40.9



#45

2-Fluorobiphenyl

Concen: 77.288 ng

RT: 9.316 min Scan# 1229

Delta R.T. 0.059 min

Lab File: BF137582.D

Acq: 13 Mar 2024 17:57

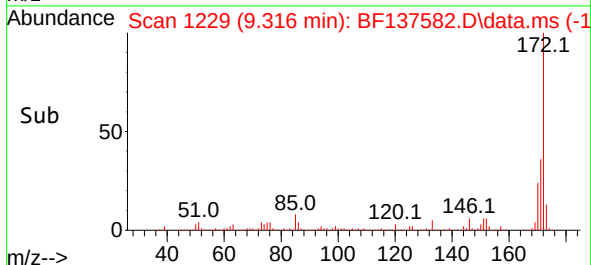
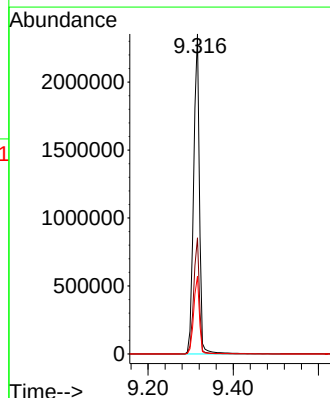
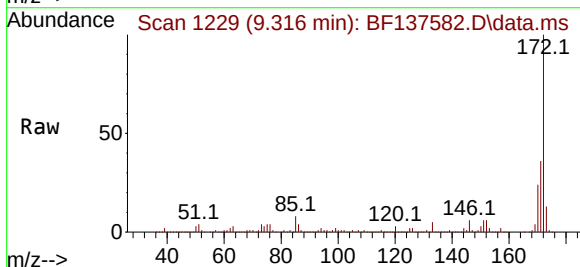
Tgt Ion:172 Resp: 2226845

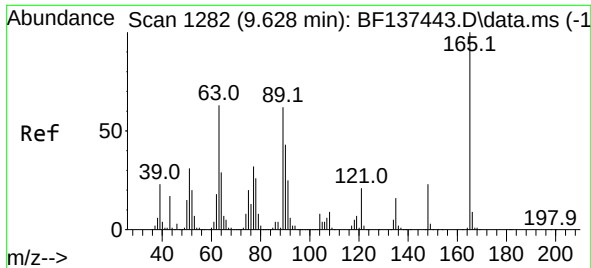
Ion Ratio Lower Upper

172 100

171 36.3 28.5 42.7

170 24.3 19.0 28.6

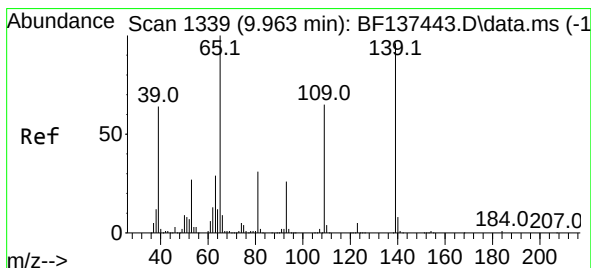
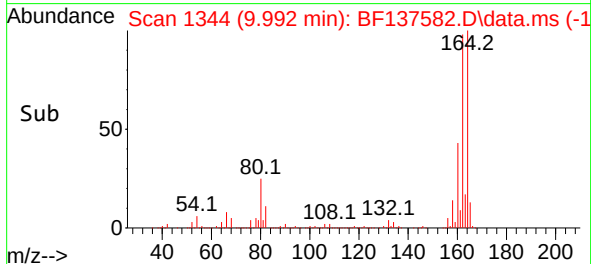
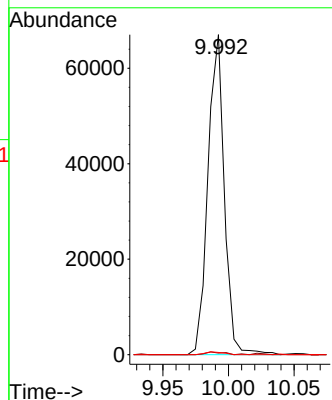
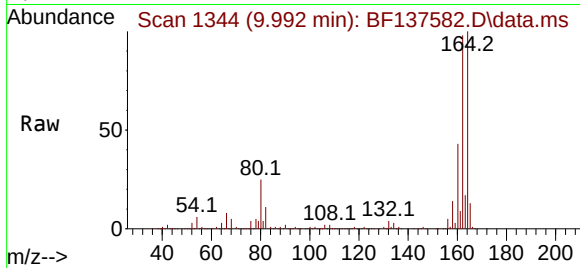




#51
2,6-Dinitrotoluene
Concen: 8.899 ng
RT: 9.992 min Scan# 11
Delta R.T. 0.265 min
Lab File: BF137582.D
Acq: 13 Mar 2024 17:57

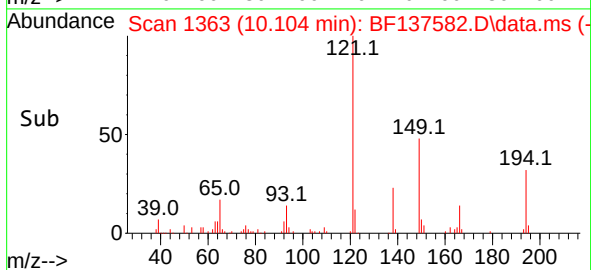
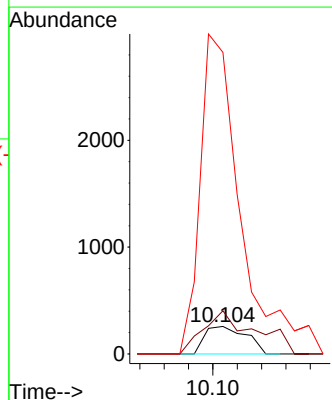
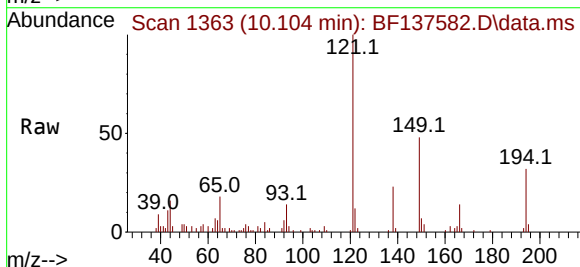
Instrument :
BNA_F
ClientSampleId :
RT-3860

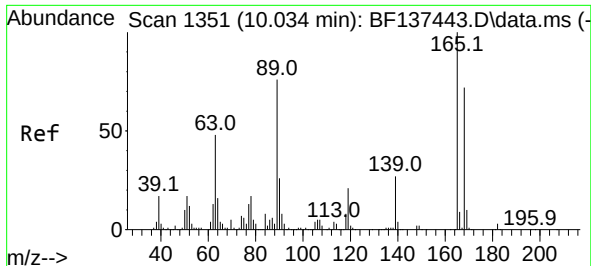
Tgt Ion:165 Resp: 58441
Ion Ratio Lower Upper
165 100
63 0.5 50.7 76.1#
89 0.7 50.0 75.0#



#56
4-Nitrophenol
Concen: 4.585 ng
RT: 10.104 min Scan# 1363
Delta R.T. 0.041 min
Lab File: BF137582.D
Acq: 13 Mar 2024 17:57

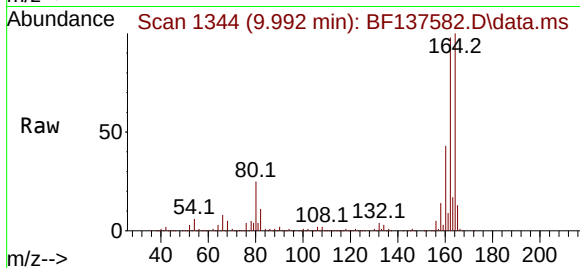
Tgt Ion:139 Resp: 305
Ion Ratio Lower Upper
139 100
109 157.6 47.1 87.1#
65 1098.8 85.1 125.1#



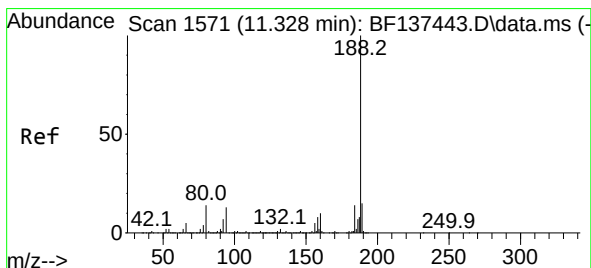
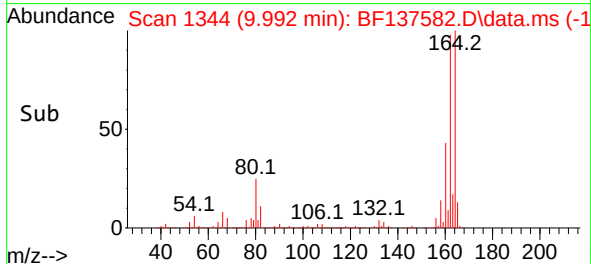
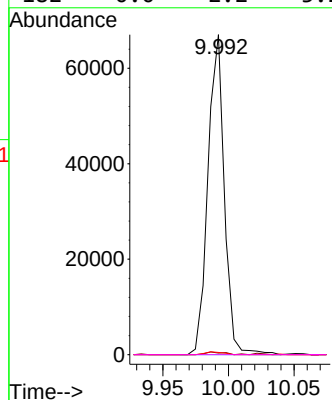


#57
2,4-Dinitrotoluene
Concen: 7.244 ng
RT: 9.992 min Scan# 11
Delta R.T. -0.141 min
Lab File: BF137582.D
Acq: 13 Mar 2024 17:57

Instrument :
BNA_F
ClientSampleId :
RT-3860

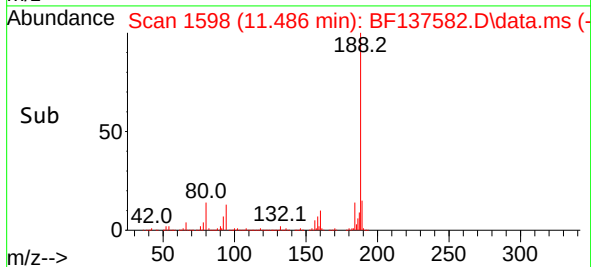
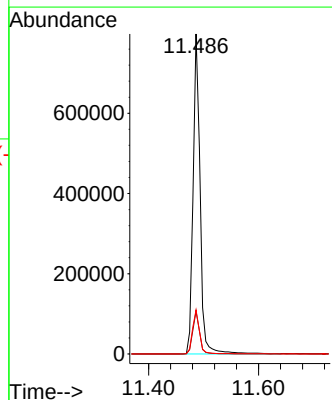
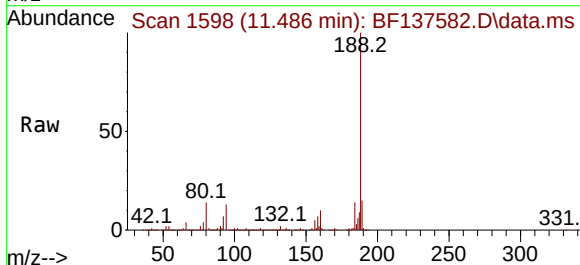


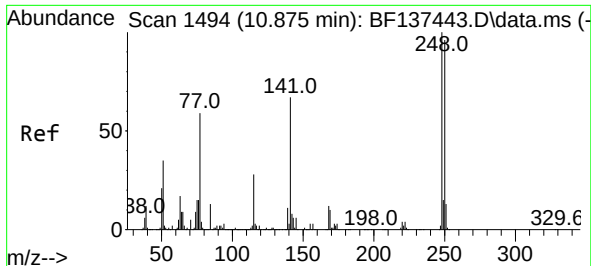
Tgt Ion:165 Resp: 58441
Ion Ratio Lower Upper
165 100
63 0.5 39.0 58.6#
89 0.7 60.9 91.3#
182 0.0 2.2 3.2#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.486 min Scan# 1598
Delta R.T. 0.053 min
Lab File: BF137582.D
Acq: 13 Mar 2024 17:57

Tgt Ion:188 Resp: 702186
Ion Ratio Lower Upper
188 100
94 13.4 10.6 15.8
80 13.7 11.5 17.3

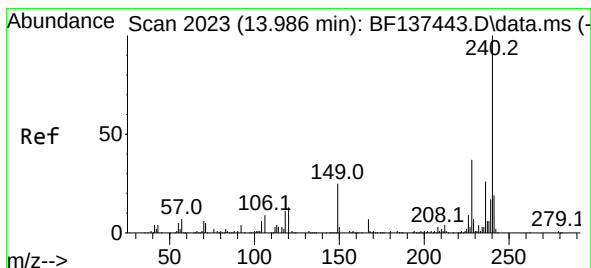
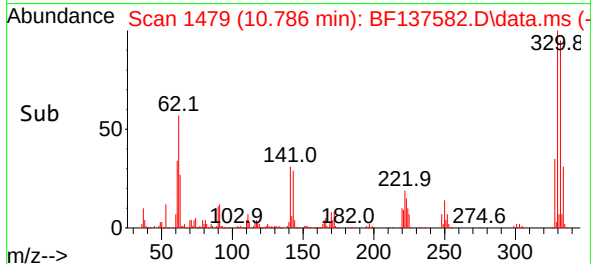
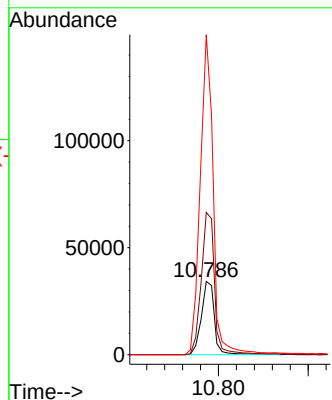
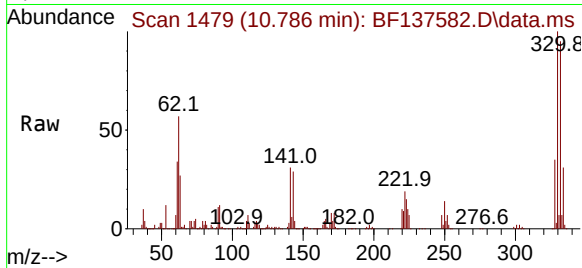




#67
4-Bromophenyl-phenylether
Concen: 4.501 ng
RT: 10.786 min Scan# 14
Delta R.T. -0.188 min
Lab File: BF137582.D
Acq: 13 Mar 2024 17:57

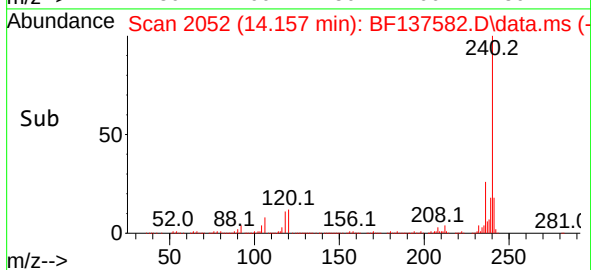
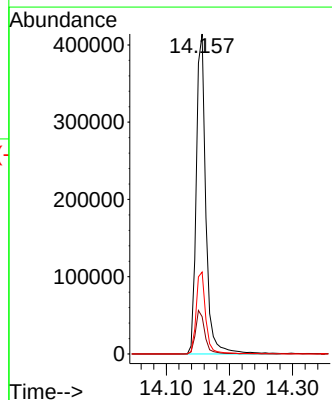
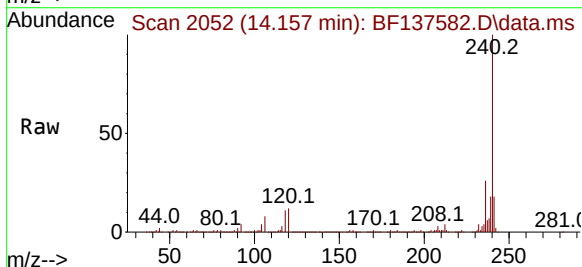
Instrument :
BNA_F
ClientSampleId :
RT-3860

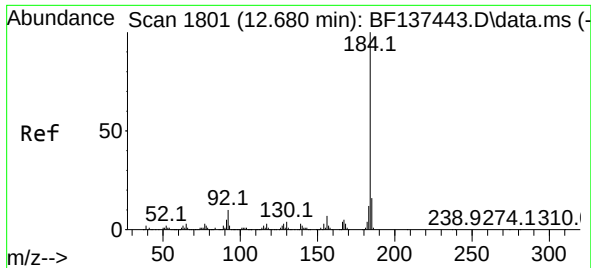
Tgt Ion:248 Resp: 34422
Ion Ratio Lower Upper
248 100
250 194.3 76.8 115.2#
141 436.9 53.4 80.0#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.157 min Scan# 2052
Delta R.T. 0.059 min
Lab File: BF137582.D
Acq: 13 Mar 2024 17:57

Tgt Ion:240 Resp: 436098
Ion Ratio Lower Upper
240 100
120 11.7 10.4 15.6
236 25.6 20.9 31.3

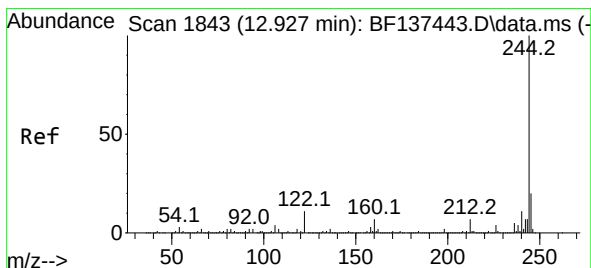
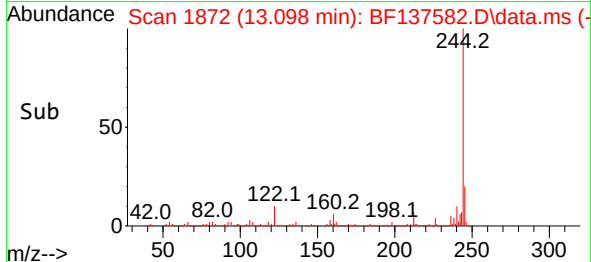
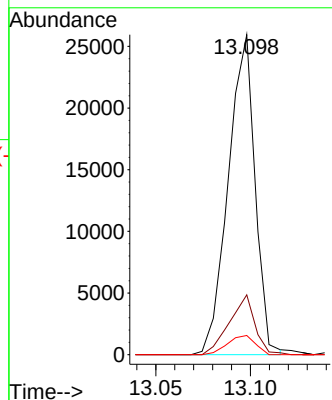
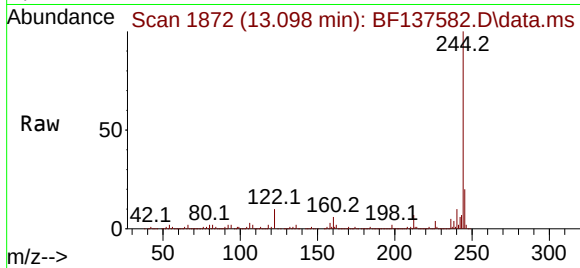




#77
Benzidine
Concen: 2.389 ng
RT: 13.098 min Scan# 1872
Delta R.T. 0.312 min
Lab File: BF137582.D
Acq: 13 Mar 2024 17:57

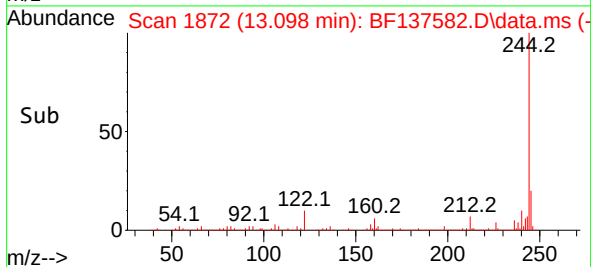
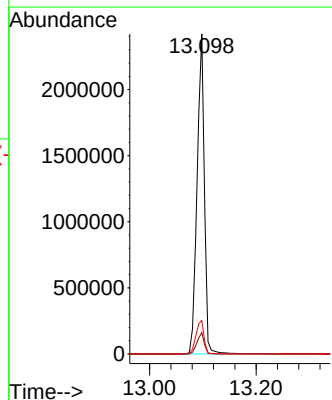
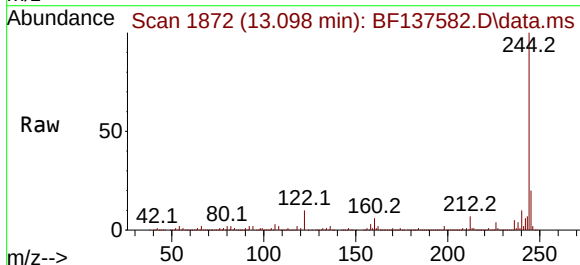
Instrument :
BNA_F
ClientSampleId :
RT-3860

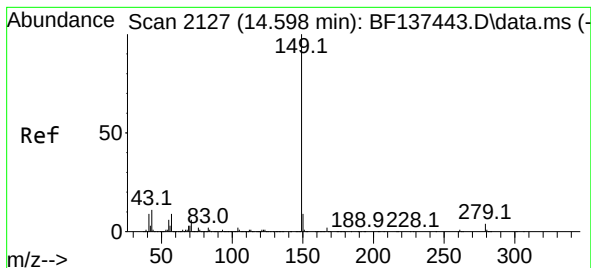
Tgt Ion:184 Resp: 25491
Ion Ratio Lower Upper
184 100
185 18.7 13.2 19.8
183 6.0 9.3 13.9#



#79
Terphenyl-d14
Concen: 72.736 ng
RT: 13.098 min Scan# 1872
Delta R.T. 0.059 min
Lab File: BF137582.D
Acq: 13 Mar 2024 17:57

Tgt Ion:244 Resp: 2306746
Ion Ratio Lower Upper
244 100
212 6.6 5.4 8.2
122 10.5 9.1 13.7





#85

Di-n-octyl phthalate

Concen: 5.635 ng

RT: 14.763 min Scan# 2127

Delta R.T. 0.047 min

Lab File: BF137582.D

Acq: 13 Mar 2024 17:57

Instrument :

BNA_F

ClientSampleId :

RT-3860

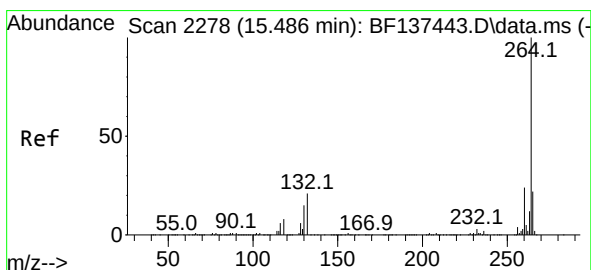
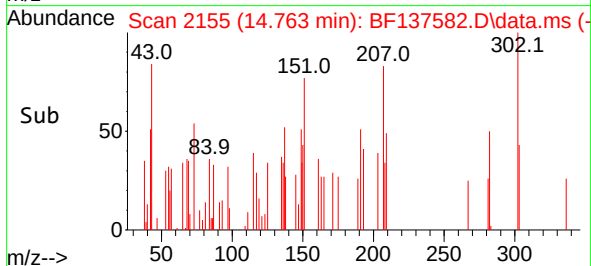
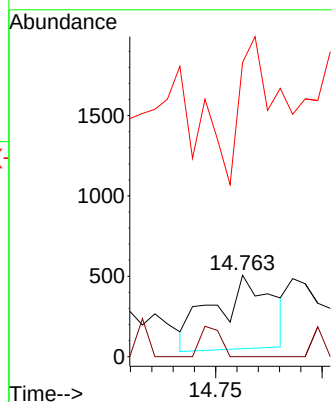
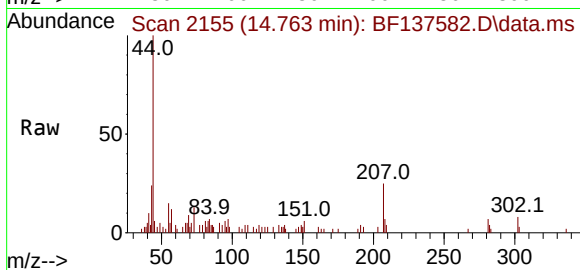
Tgt Ion:149 Resp: 859

Ion Ratio Lower Upper

149 100

167 0.0 1.2 1.8#

43 130.7 9.6 14.4#



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.751 min Scan# 2323

Delta R.T. 0.100 min

Lab File: BF137582.D

Acq: 13 Mar 2024 17:57

Tgt Ion:264 Resp: 447251

Ion Ratio Lower Upper

264 100

260 25.3 19.3 28.9

265 21.4 17.4 26.0

