

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070324\
 Data File : BF138444.D
 Acq On : 03 Jul 2024 14:15
 Operator : CG\JU
 Sample : P3141-03
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B-140-SB02

Quant Time: Jul 03 14:46:40 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062824.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jun 29 02:44:30 2024
 Response via : Initial Calibration

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

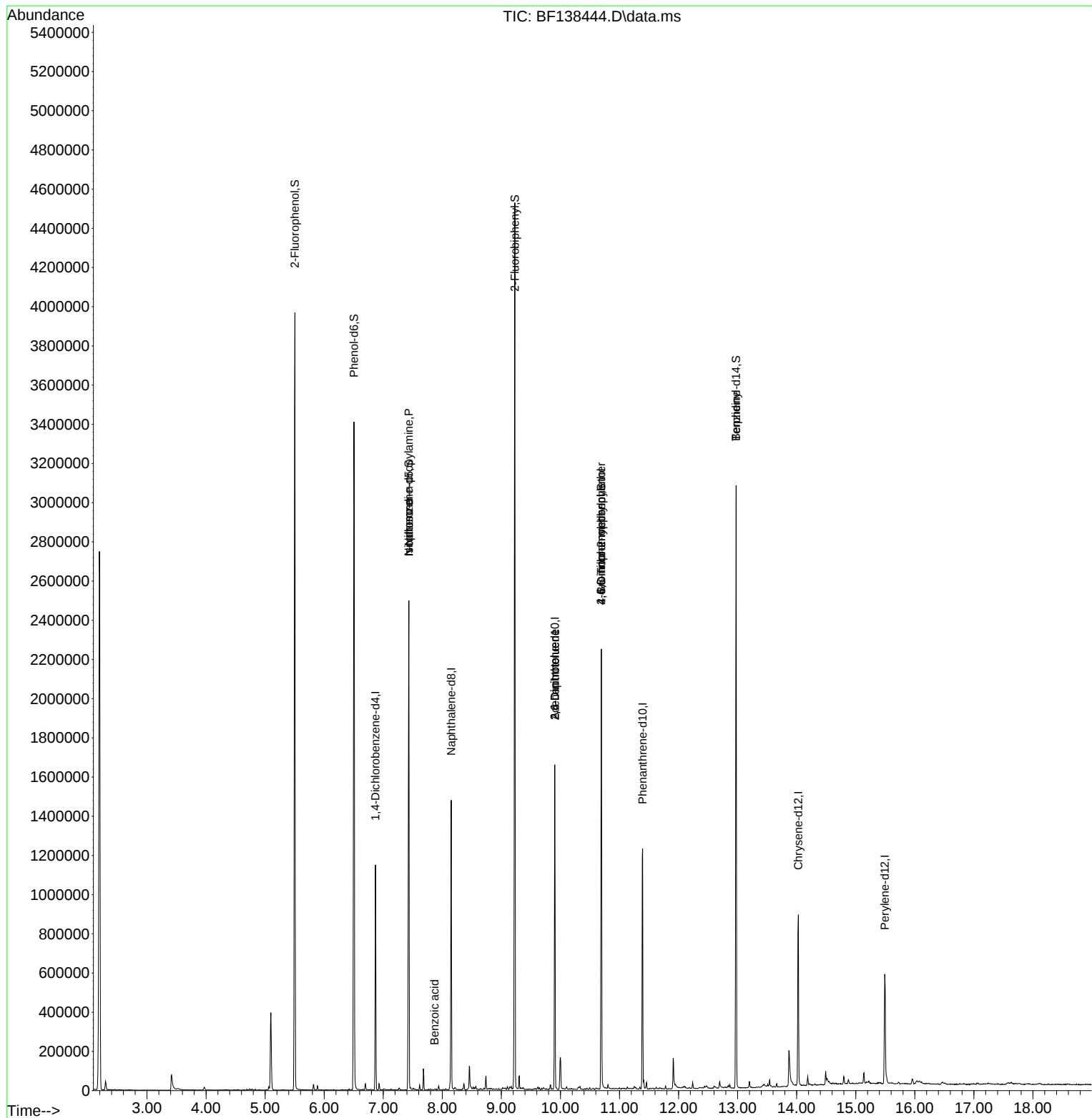
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	144743	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	559806	20.000	ng	0.00
39) Acenaphthene-d10	9.904	164	314422	20.000	ng	-0.01
64) Phenanthrene-d10	11.392	188	446294	20.000	ng	0.00
76) Chrysene-d12	14.027	240	284436	20.000	ng	0.00
86) Perylene-d12	15.492	264	251802	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	976871	111.895	ng	0.00
7) Phenol-d6	6.504	99	1190687	101.245	ng	-0.01
23) Nitrobenzene-d5	7.434	82	749196	69.522	ng	-0.01
42) 2,4,6-Tribromophenol	10.692	330	229864	89.481	ng	-0.01
45) 2-Fluorobiphenyl	9.227	172	1310131	66.313	ng	0.00
79) Terphenyl-d14	12.974	244	952622	45.898	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.434	70	100820	13.599	ng	# 76
25) Isophorone	7.434	82	746624	37.575	ng	# 67
32) Benzoic acid	7.869	122	55	4.108	ng	90
51) 2,6-Dinitrotoluene	9.904	165	40493	8.947	ng	# 20
57) 2,4-Dinitrotoluene	9.904	165	40493	7.267	ng	# 19
65) 4,6-Dinitro-2-methylph...	10.692	198	562	6.007	ng	# 1
67) 4-Bromophenyl-phenylether	10.692	248	15864	3.307	ng	# 1
77) Benzidine	12.974	184	12695	5.582	ng	# 91

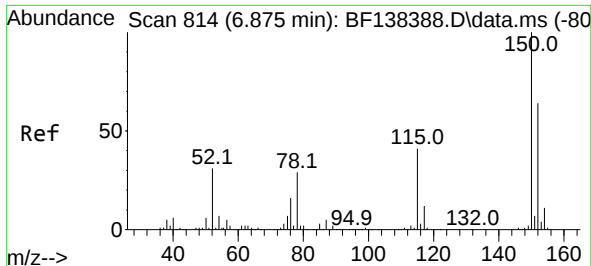
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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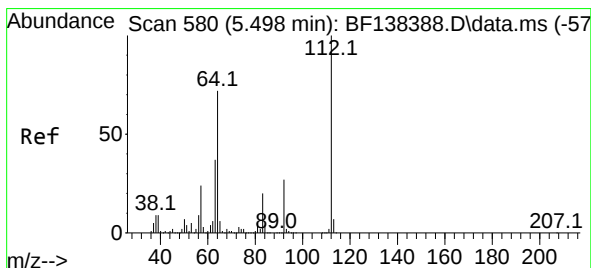
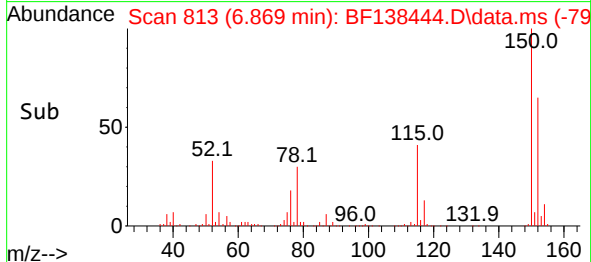
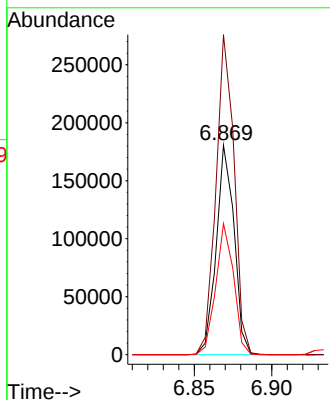
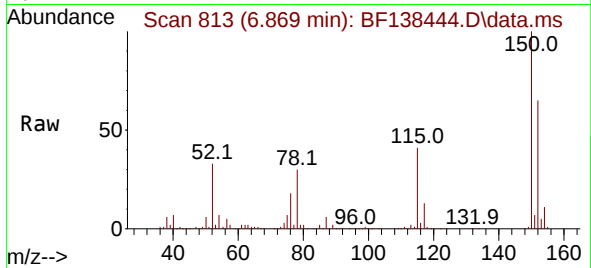




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.869 min Scan# 814
Delta R.T. -0.006 min
Lab File: BF138444.D
Acq: 03 Jul 2024 14:15

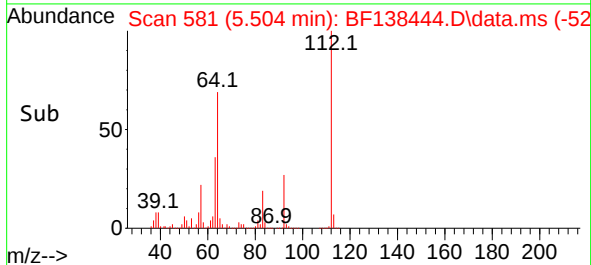
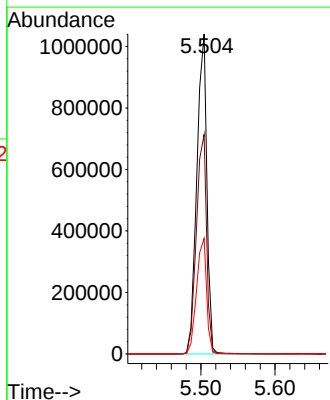
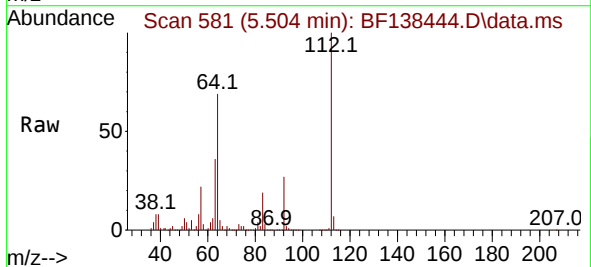
Instrument :
BNA_F
ClientSampleId :
B-140-SB02

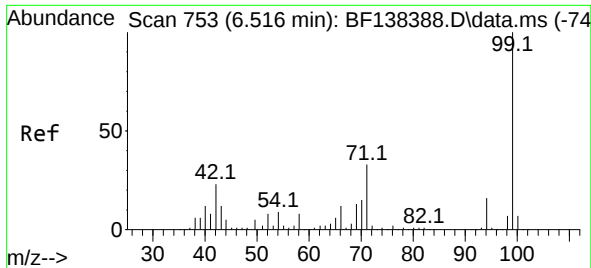
Tgt Ion:152 Resp: 144743
Ion Ratio Lower Upper
152 100
150 152.7 124.9 187.3
115 62.5 50.8 76.2



#5
2-Fluorophenol
Concen: 111.895 ng
RT: 5.504 min Scan# 581
Delta R.T. 0.006 min
Lab File: BF138444.D
Acq: 03 Jul 2024 14:15

Tgt Ion:112 Resp: 976871
Ion Ratio Lower Upper
112 100
64 68.6 57.2 85.8
63 36.1 29.4 44.0



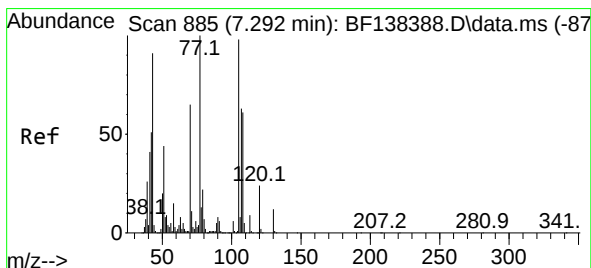
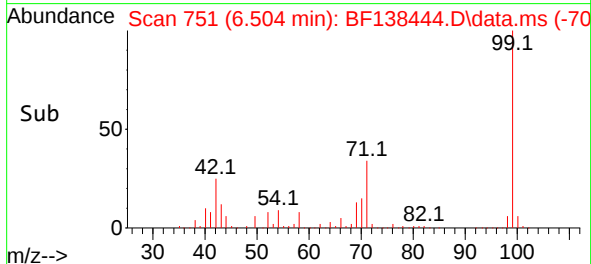
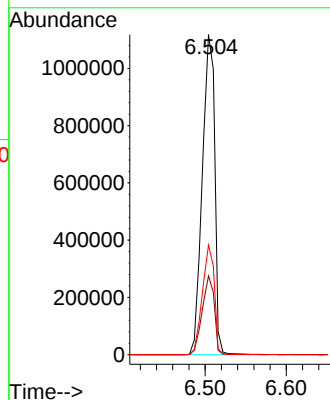
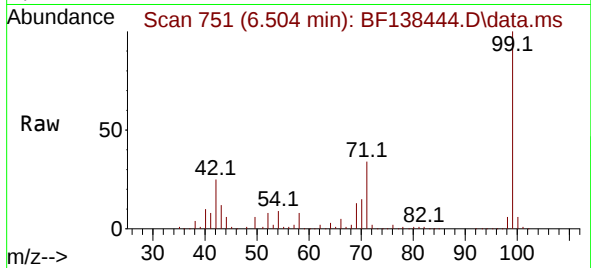


#7
Phenol-d6
Concen: 101.245 ng
RT: 6.504 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF138444.D
Acq: 03 Jul 2024 14:15

Instrument :
BNA_F
ClientSampleId :
B-140-SB02

Tgt Ion: 99 Resp: 1190687

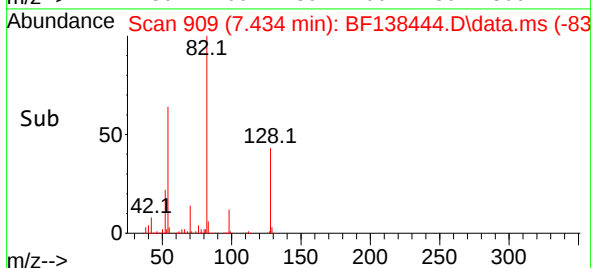
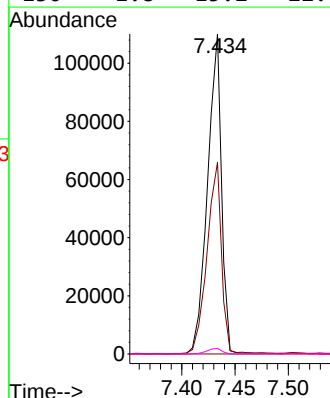
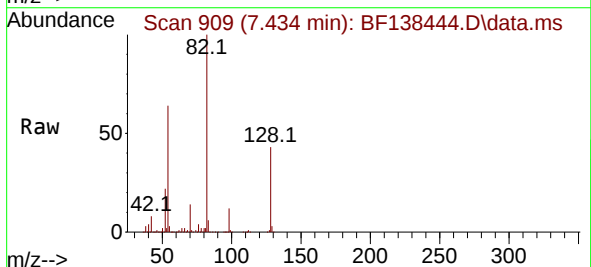
Ion	Ratio	Lower	Upper
99	100		
42	24.6	18.5	27.7
71	34.3	26.1	39.1

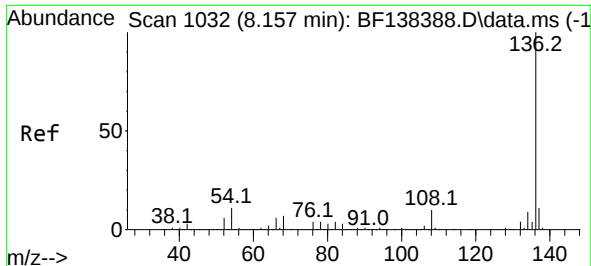


#19
n-Nitroso-di-n-propylamine
Concen: 13.599 ng
RT: 7.434 min Scan# 909
Delta R.T. 0.141 min
Lab File: BF138444.D
Acq: 03 Jul 2024 14:15

Tgt Ion: 70 Resp: 100820

Ion	Ratio	Lower	Upper
70	100		
42	59.9	62.5	93.7#
101	0.0	7.0	10.4#
130	1.8	15.2	22.8#

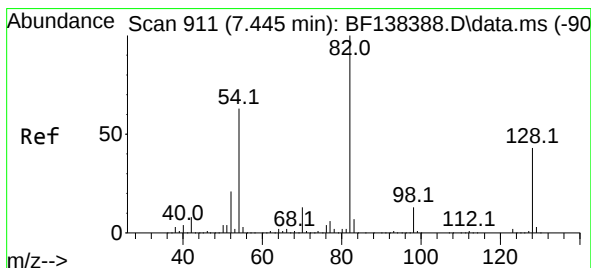
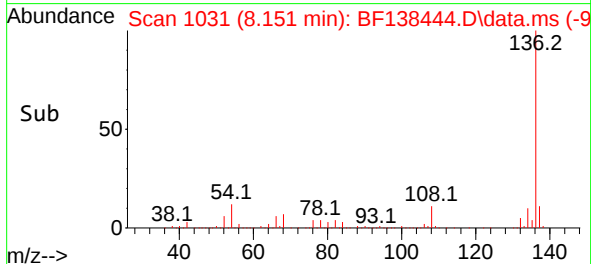
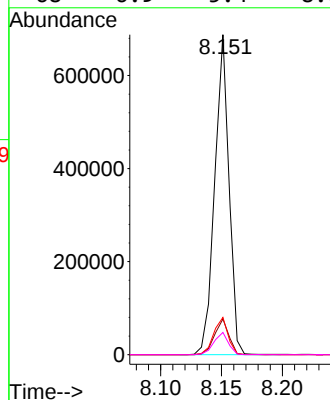
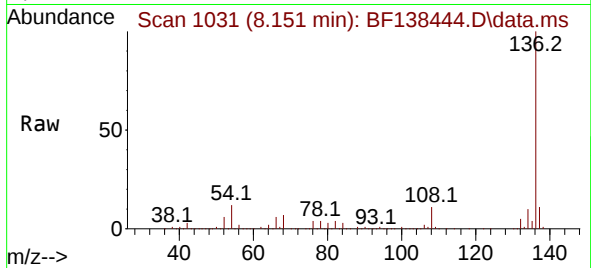




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 1032
Delta R.T. -0.006 min
Lab File: BF138444.D
Acq: 03 Jul 2024 14:15

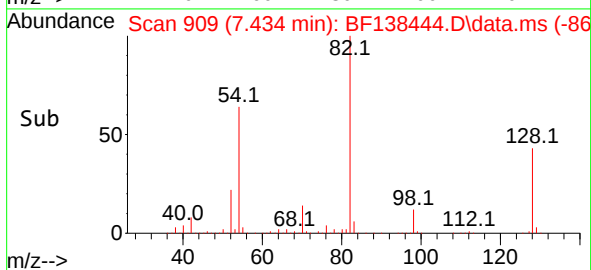
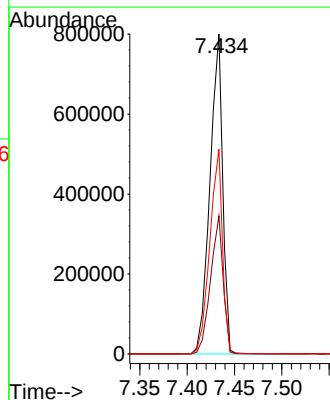
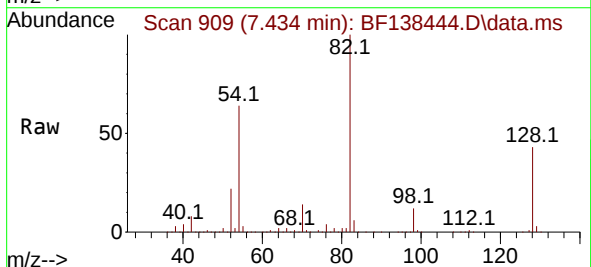
Instrument :
BNA_F
ClientSampleId :
B-140-SB02

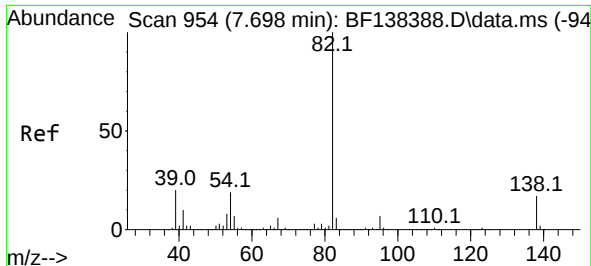
Tgt Ion:136	Resp: 559806
Ion Ratio	Lower Upper
136	100
137	11.1 8.8 13.2
54	11.6 9.0 13.4
68	6.9 5.4 8.0



#23
Nitrobenzene-d5
Concen: 69.522 ng
RT: 7.434 min Scan# 909
Delta R.T. -0.012 min
Lab File: BF138444.D
Acq: 03 Jul 2024 14:15

Tgt Ion: 82	Resp: 749196
Ion Ratio	Lower Upper
82	100
128	43.2 34.6 52.0
54	63.9 50.5 75.7

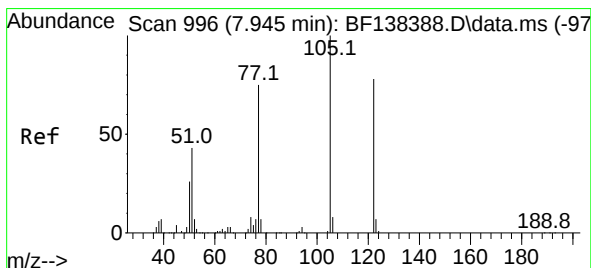
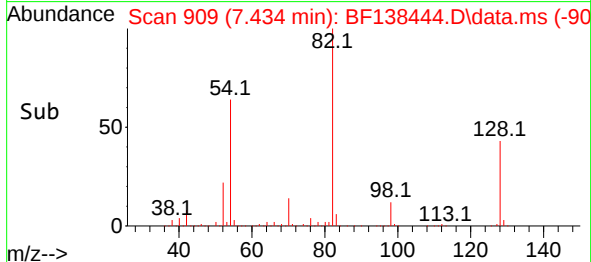
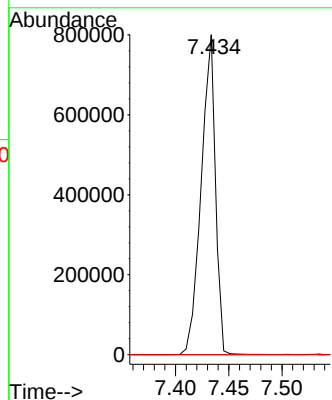
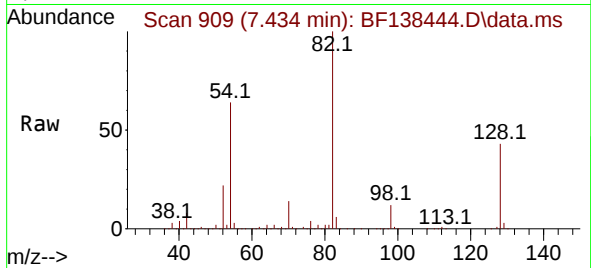




#25
Isophorone
Concen: 37.575 ng
RT: 7.434 min Scan# 90
Delta R.T. -0.265 min
Lab File: BF138444.D
Acq: 03 Jul 2024 14:15

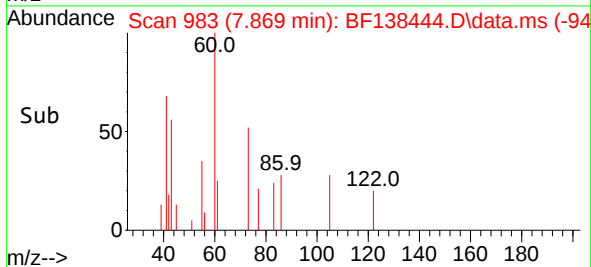
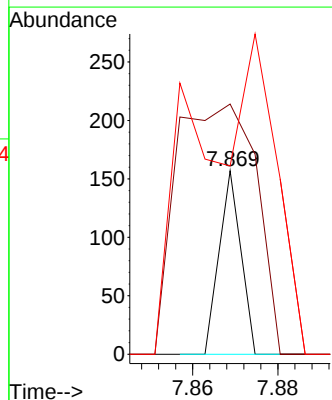
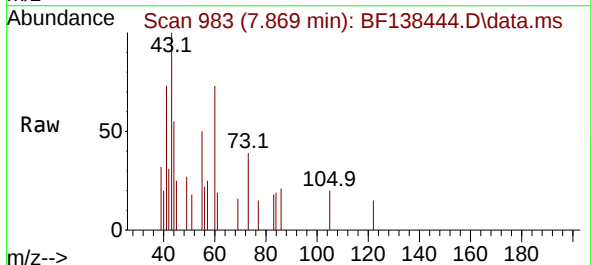
Instrument :
BNA_F
ClientSampleId :
B-140-SB02

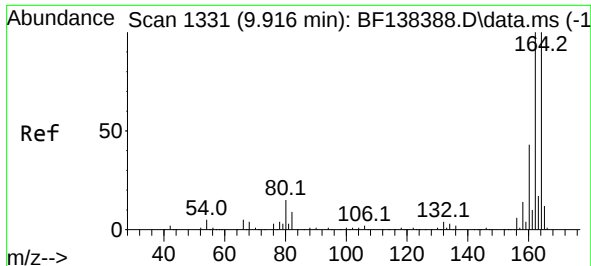
Tgt Ion: 82 Resp: 746624
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 13.4 20.2#



#32
Benzoic acid
Concen: 4.108 ng
RT: 7.869 min Scan# 983
Delta R.T. -0.076 min
Lab File: BF138444.D
Acq: 03 Jul 2024 14:15

Tgt Ion:122 Resp: 55
Ion Ratio Lower Upper
122 100
105 136.3 103.8 143.8
77 102.5 74.3 114.3





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.904 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF138444.D

Acq: 03 Jul 2024 14:15

Instrument :

BNA_F

ClientSampleId :

B-140-SB02

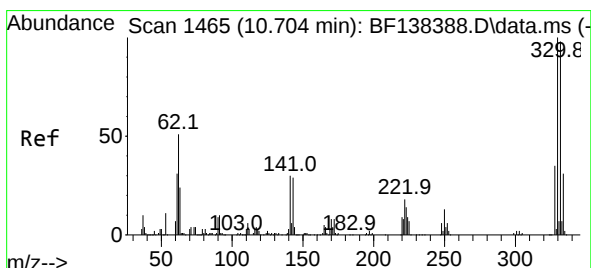
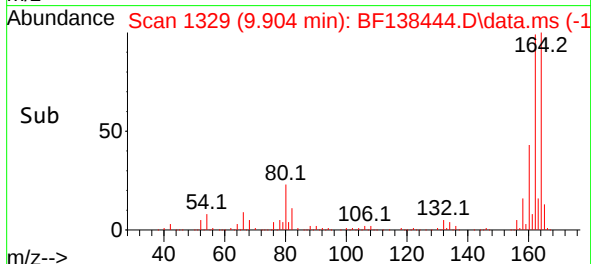
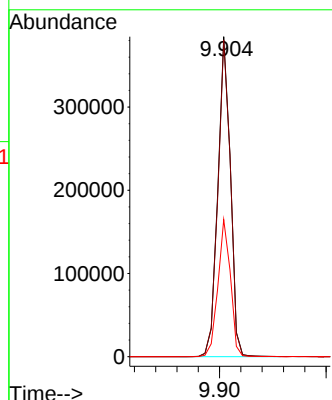
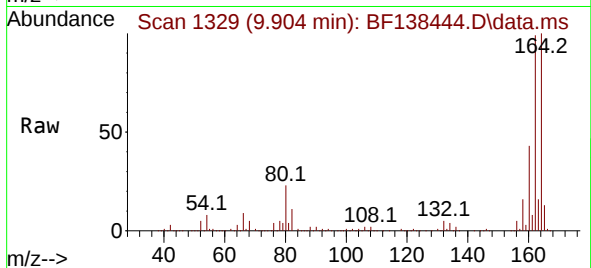
Tgt Ion:164 Resp: 314422

Ion Ratio Lower Upper

164 100

162 99.0 80.1 120.1

160 42.9 34.1 51.1



#42

2,4,6-Tribromophenol

Concen: 89.481 ng

RT: 10.692 min Scan# 1463

Delta R.T. -0.012 min

Lab File: BF138444.D

Acq: 03 Jul 2024 14:15

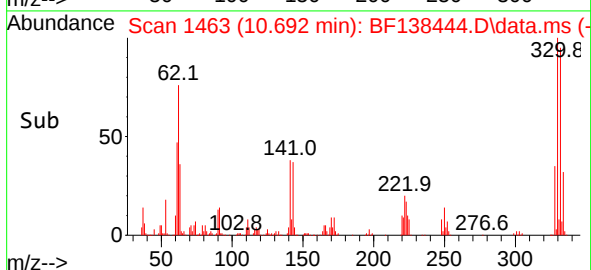
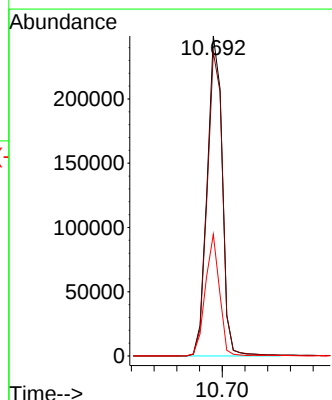
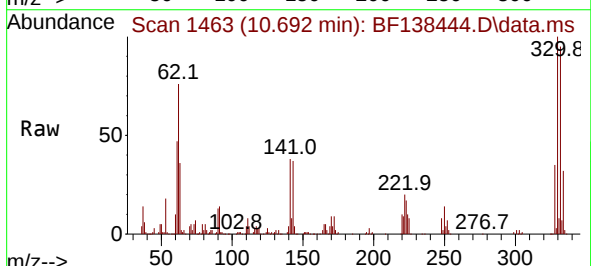
Tgt Ion:330 Resp: 229864

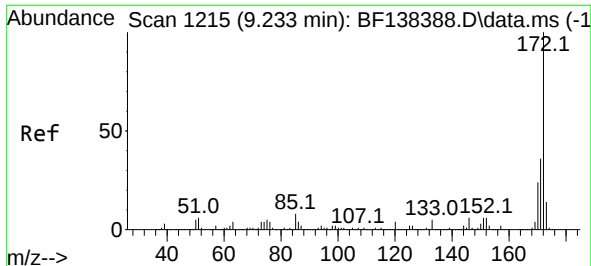
Ion Ratio Lower Upper

330 100

332 96.7 77.0 115.6

141 35.8 28.1 42.1





#45

2-Fluorobiphenyl

Concen: 66.313 ng

RT: 9.227 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF138444.D

Acq: 03 Jul 2024 14:15

Instrument :

BNA_F

ClientSampleId :

B-140-SB02

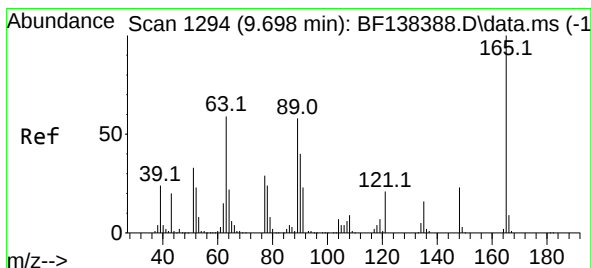
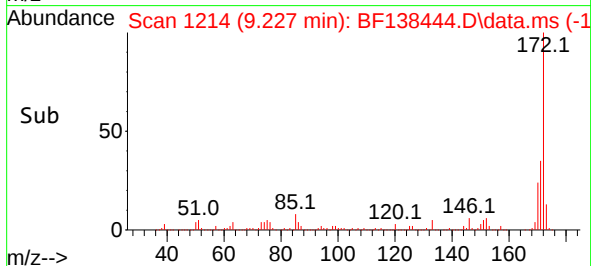
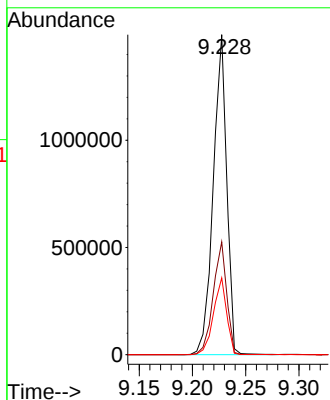
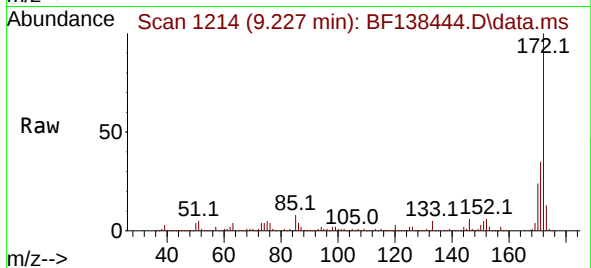
Tgt Ion:172 Resp: 1310131

Ion Ratio Lower Upper

172 100

171 35.2 29.0 43.4

170 24.0 19.0 28.6



#51

2,6-Dinitrotoluene

Concen: 8.947 ng

RT: 9.904 min Scan# 1329

Delta R.T. 0.206 min

Lab File: BF138444.D

Acq: 03 Jul 2024 14:15

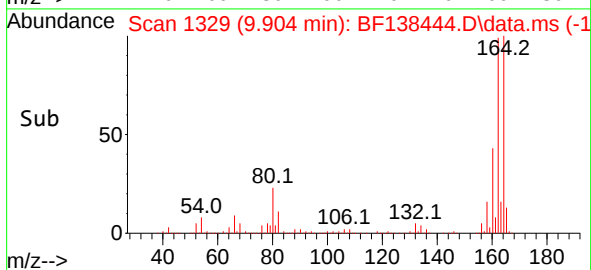
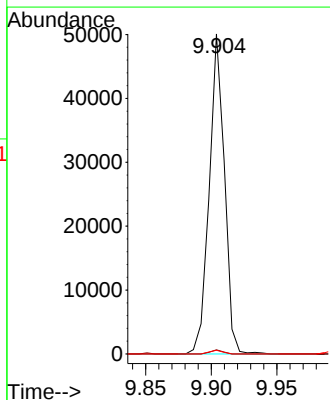
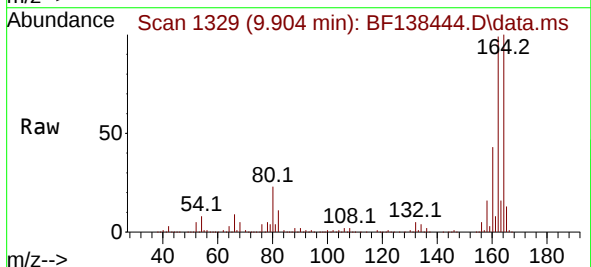
Tgt Ion:165 Resp: 40493

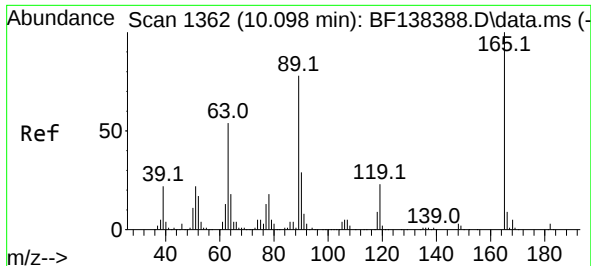
Ion Ratio Lower Upper

165 100

63 1.3 53.8 80.8#

89 1.1 46.4 69.6#

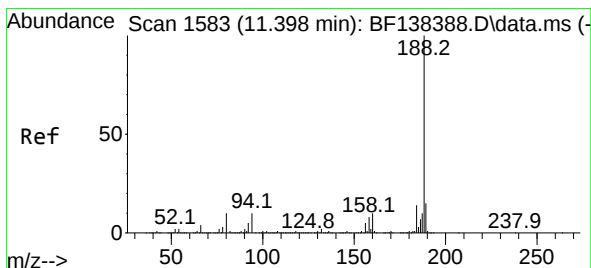
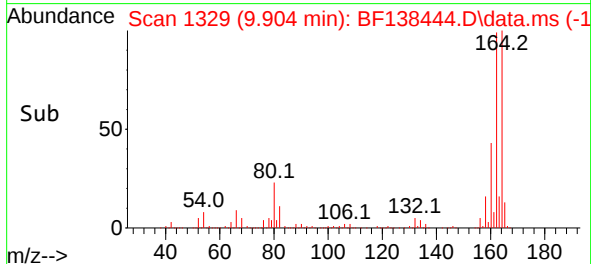
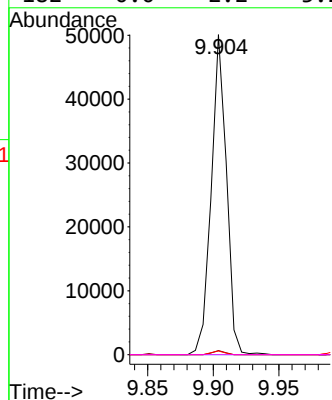
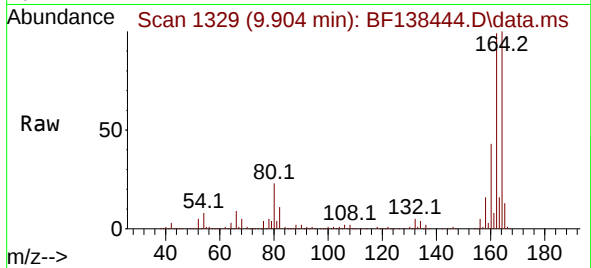




#57
2,4-Dinitrotoluene
Concen: 7.267 ng
RT: 9.904 min Scan# 11
Delta R.T. -0.194 min
Lab File: BF138444.D
Acq: 03 Jul 2024 14:15

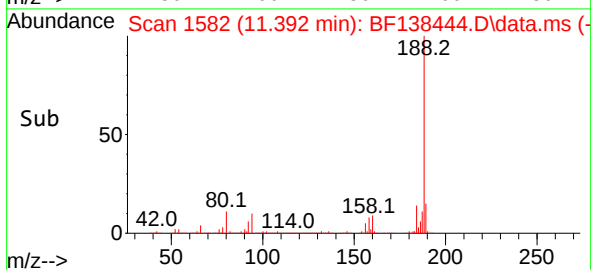
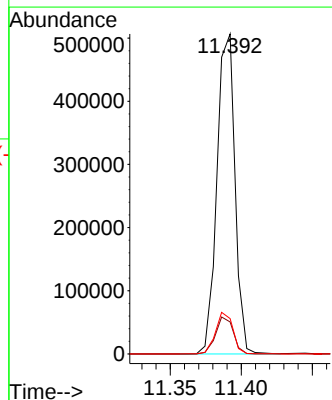
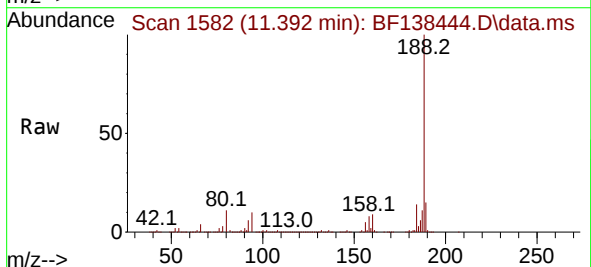
Instrument :
BNA_F
ClientSampleId :
B-140-SB02

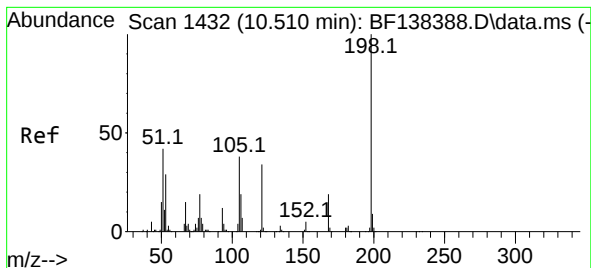
Tgt Ion:165	Resp:	40493
Ion Ratio	Lower	Upper
165	100	
63	1.3	43.4 65.2#
89	1.1	62.6 93.8#
182	0.0	2.2 3.2#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.392 min Scan# 1582
Delta R.T. -0.006 min
Lab File: BF138444.D
Acq: 03 Jul 2024 14:15

Tgt Ion:188	Resp:	446294
Ion Ratio	Lower	Upper
188	100	
94	10.0	8.0 12.0
80	11.1	8.2 12.4

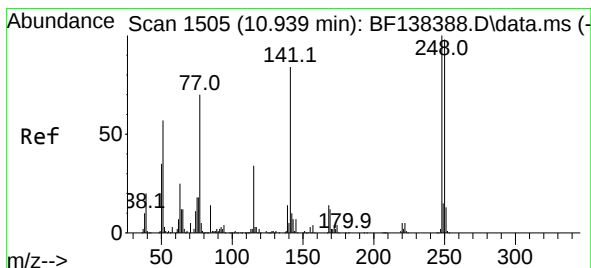
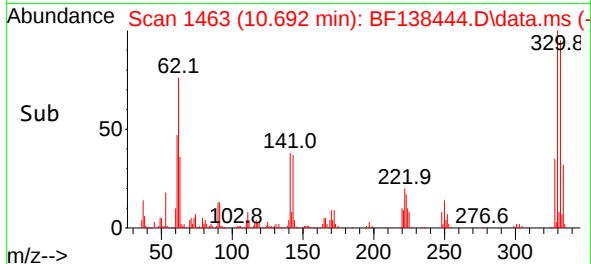
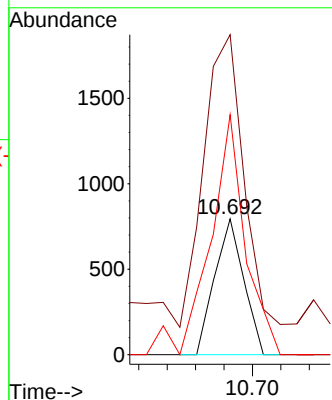
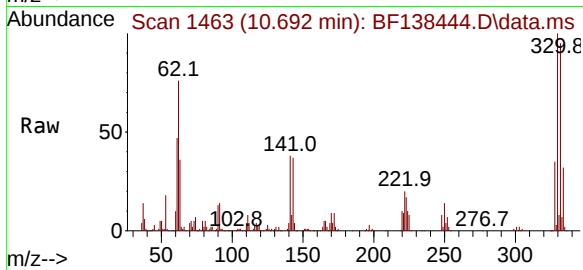




#65
4,6-Dinitro-2-methylphenol
Concen: 6.007 ng
RT: 10.692 min Scan# 1463
Delta R.T. 0.182 min
Lab File: BF138444.D
Acq: 03 Jul 2024 14:15

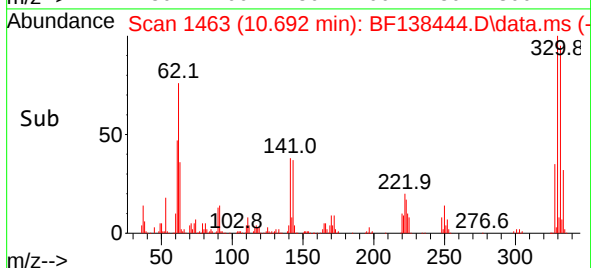
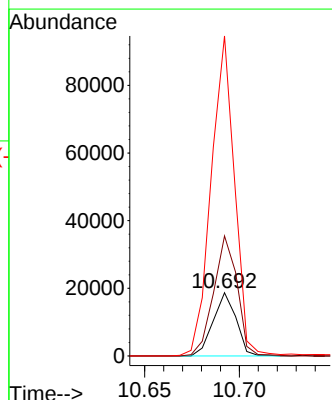
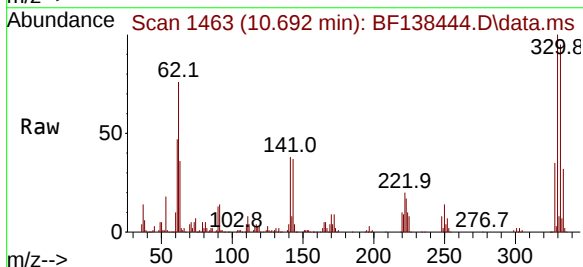
Instrument :
BNA_F
ClientSampleId :
B-140-SB02

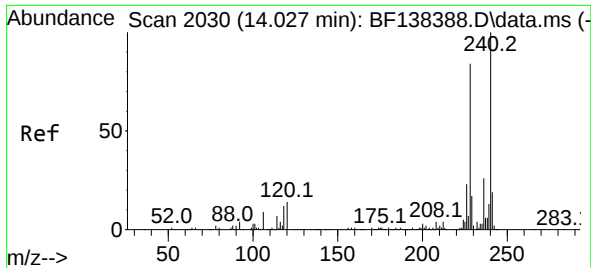
Tgt Ion:198 Resp: 562
Ion Ratio Lower Upper
198 100
51 235.5 27.9 67.9#
105 176.6 18.2 58.2#



#67
4-Bromophenyl-phenylether
Concen: 3.307 ng
RT: 10.692 min Scan# 1463
Delta R.T. -0.247 min
Lab File: BF138444.D
Acq: 03 Jul 2024 14:15

Tgt Ion:248 Resp: 15864
Ion Ratio Lower Upper
248 100
250 189.9 78.2 117.4#
141 506.0 67.6 101.4#

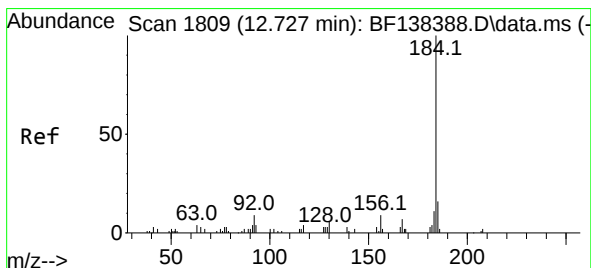
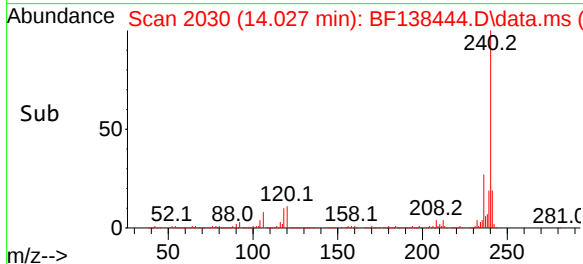
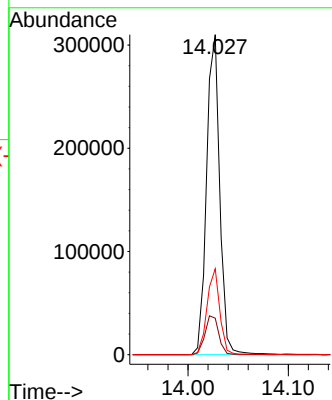
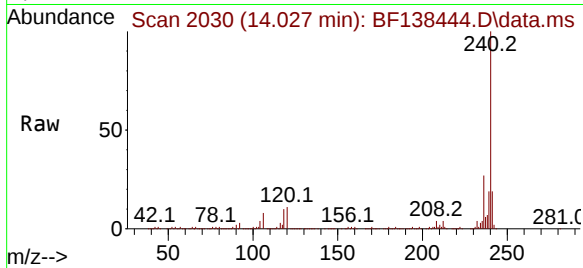




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.027 min Scan# 2030
Delta R.T. -0.000 min
Lab File: BF138444.D
Acq: 03 Jul 2024 14:15

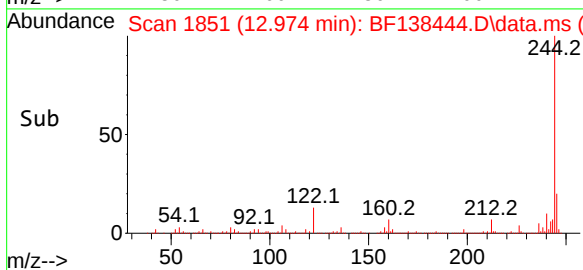
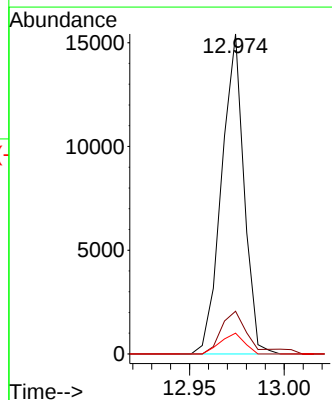
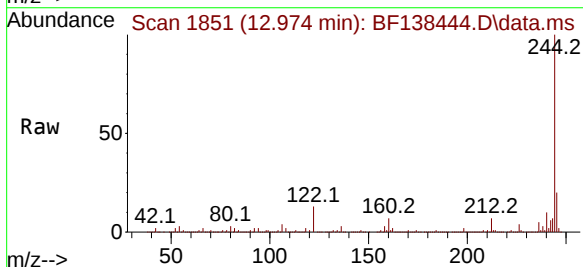
Instrument :
BNA_F
ClientSampleId :
B-140-SB02

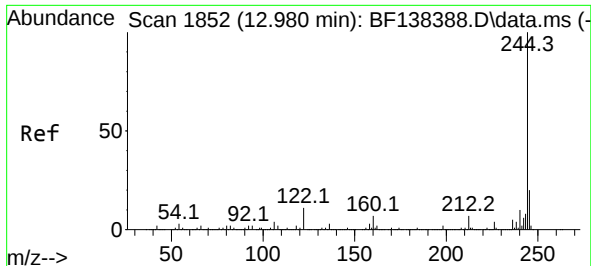
Tgt Ion:240 Resp: 284436
Ion Ratio Lower Upper
240 100
120 11.4 10.9 16.3
236 26.9 20.6 30.8



#77
Benzidine
Concen: 5.582 ng
RT: 12.974 min Scan# 1851
Delta R.T. 0.247 min
Lab File: BF138444.D
Acq: 03 Jul 2024 14:15

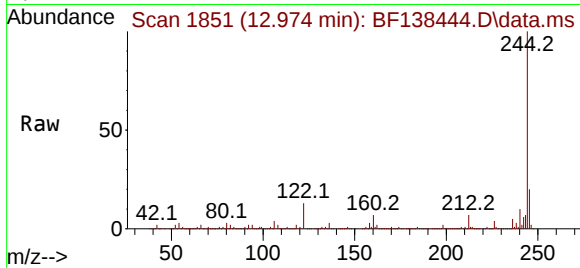
Tgt Ion:184 Resp: 12695
Ion Ratio Lower Upper
184 100
185 13.3 13.0 19.4
183 6.5 9.0 13.6#



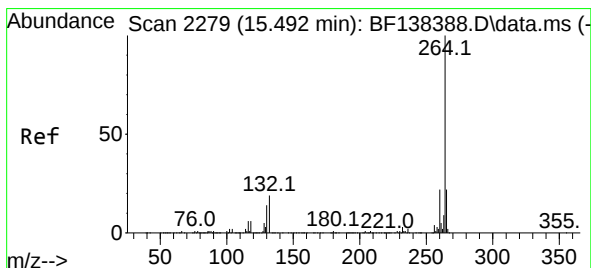
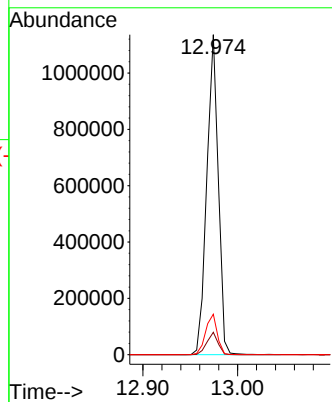
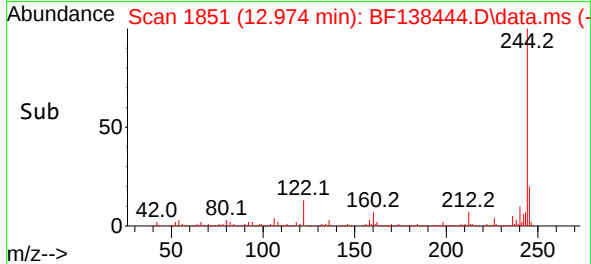


#79
 Terphenyl-d14
 Concen: 45.898 ng
 RT: 12.974 min Scan# 1851
 Delta R.T. -0.006 min
 Lab File: BF138444.D
 Acq: 03 Jul 2024 14:15

Instrument :
 BNA_F
 ClientSampleId :
 B-140-SB02



Tgt Ion:244 Resp: 952622
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.6 8.4
 122 12.6 9.0 13.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.492 min Scan# 2279
 Delta R.T. -0.000 min
 Lab File: BF138444.D
 Acq: 03 Jul 2024 14:15

Tgt Ion:264 Resp: 251802
 Ion Ratio Lower Upper
 264 100
 260 24.0 17.8 26.6
 265 21.1 17.5 26.3

