

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF012524\
 Data File : BF137160.D
 Acq On : 25 Jan 2024 21:26
 Operator : CG\JU
 Sample : P1246-03
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-COMP-012424

Quant Time: Jan 26 11:16:15 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF012524.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 25 23:14:32 2024
 Response via : Initial Calibration

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

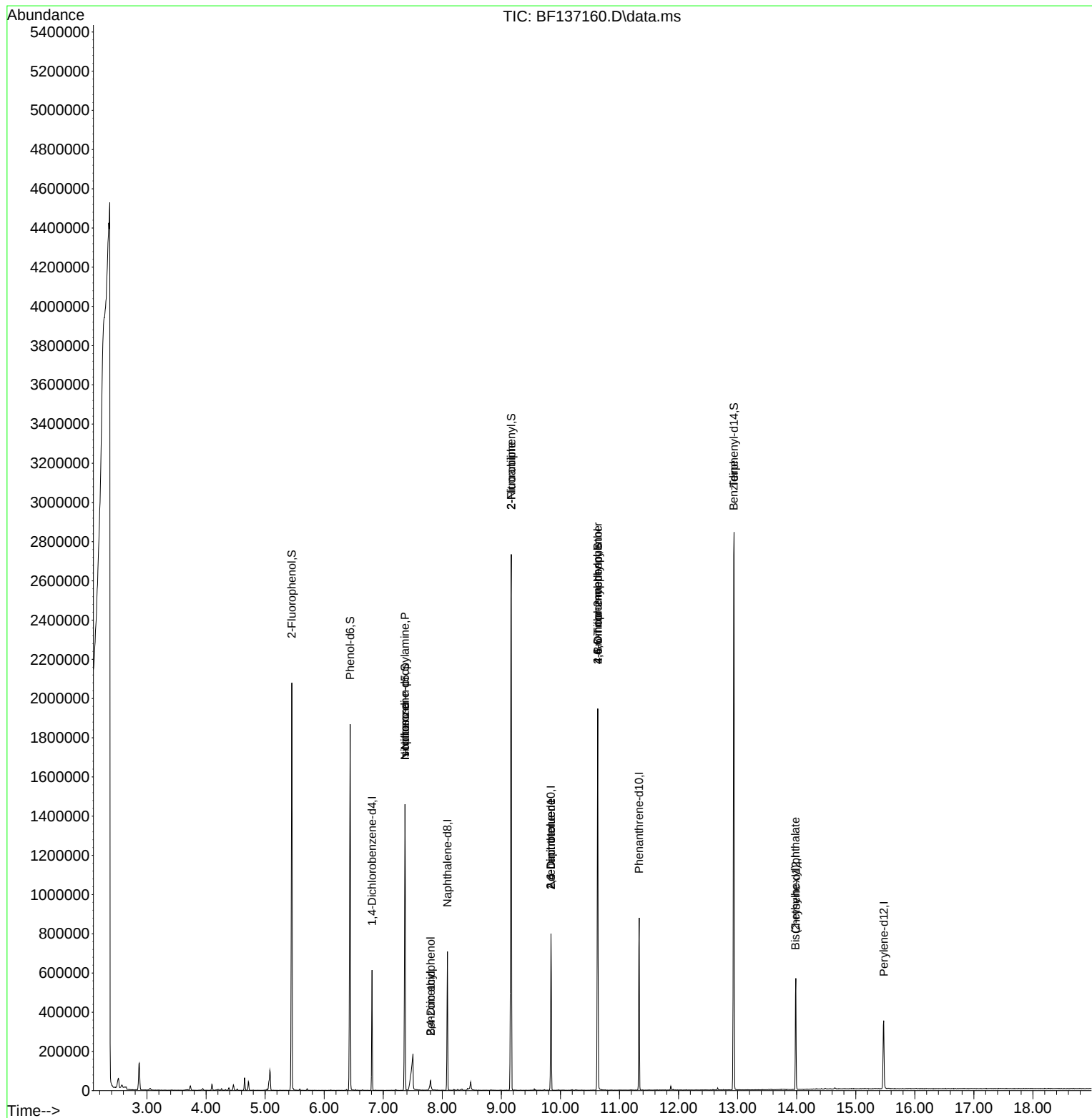
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.810	152	74483	20.000	ng	0.00
21) Naphthalene-d8	8.086	136	274427	20.000	ng	0.00
39) Acenaphthene-d10	9.839	164	157158	20.000	ng	-0.01
64) Phenanthrene-d10	11.333	188	310692	20.000	ng	0.00
76) Chrysene-d12	13.986	240	192029	20.000	ng	0.00
86) Perylene-d12	15.474	264	175969	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.451	112	537222	106.859	ng	0.01
7) Phenol-d6	6.439	99	644223	97.460	ng	0.00
23) Nitrobenzene-d5	7.369	82	507037	86.613	ng	-0.01
42) 2,4,6-Tribromophenol	10.633	330	225859	136.619	ng	0.00
45) 2-Fluorobiphenyl	9.169	172	909661	80.582	ng	0.00
79) Terphenyl-d14	12.939	244	1128102	84.006	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.369	70	67944	15.192	ng	# 80
25) Isophorone	7.369	82	506189	43.790	ng	# 70
27) 2,4-Dimethylphenol	7.804	122	11777	3.369	ng	# 1
32) Benzoic acid	7.804	122	11777	12.231	ng	94
48) 2-Nitroaniline	9.169	65	1909	4.707	ng	# 1
51) 2,6-Dinitrotoluene	9.839	165	20054	11.689	ng	# 14
57) 2,4-Dinitrotoluene	9.839	165	20054	11.028	ng	# 13
65) 4,6-Dinitro-2-methylph...	10.633	198	569	8.590	ng	# 1
67) 4-Bromophenyl-phenylether	10.633	248	15113	4.222	ng	# 1
77) Benzidine	12.933	184	14390	3.864	ng	# 90
84) Bis(2-ethylhexyl)phtha...	13.980	149	279	6.326	ng	# 53

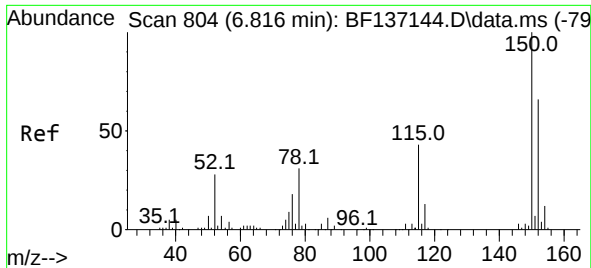
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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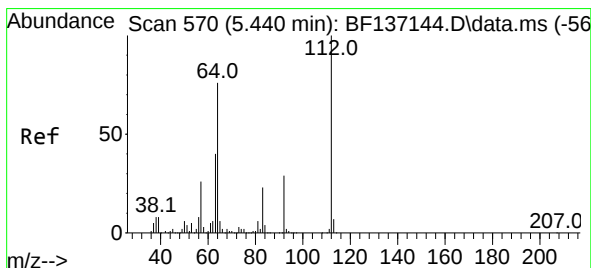
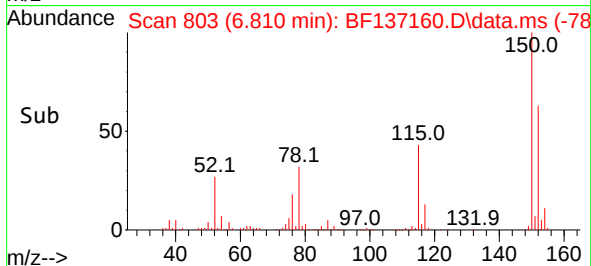
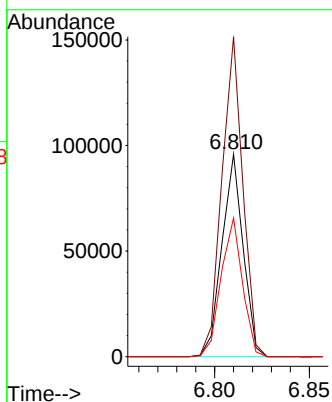
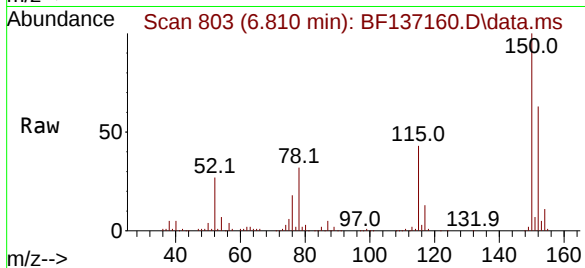




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.810 min Scan# 804
 Delta R.T. -0.006 min
 Lab File: BF137160.D
 Acq: 25 Jan 2024 21:26

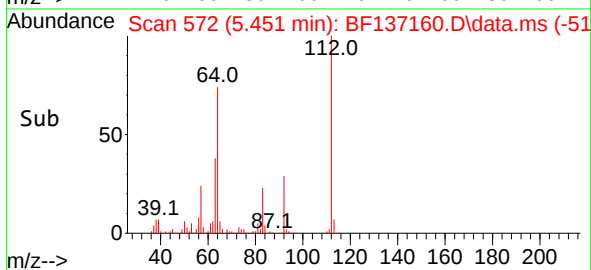
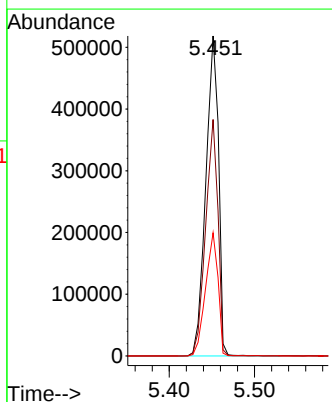
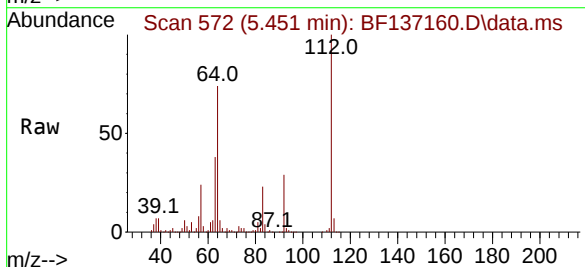
Instrument :
 BNA_F
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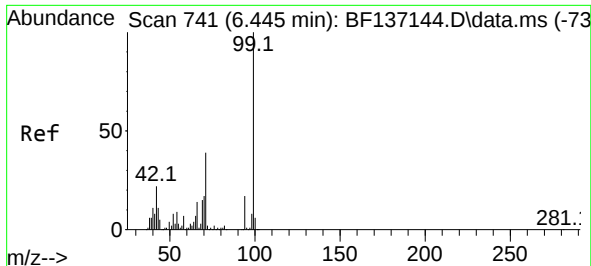
Tgt Ion:152 Resp: 74483
 Ion Ratio Lower Upper
 152 100
 150 157.9 121.2 181.8
 115 68.5 52.5 78.7



#5
 2-Fluorophenol
 Concen: 106.859 ng
 RT: 5.451 min Scan# 572
 Delta R.T. 0.012 min
 Lab File: BF137160.D
 Acq: 25 Jan 2024 21:26

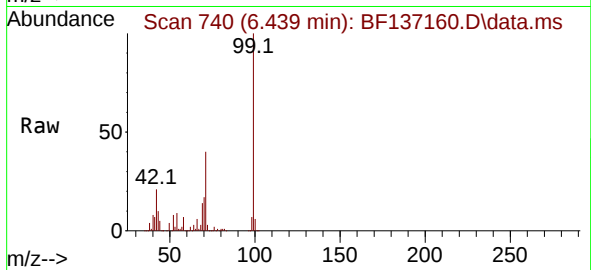
Tgt Ion:112 Resp: 537222
 Ion Ratio Lower Upper
 112 100
 64 73.9 60.8 91.2
 63 38.5 32.1 48.1





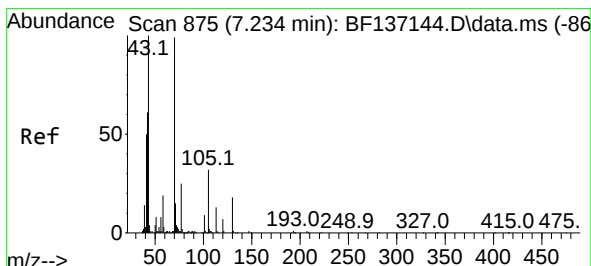
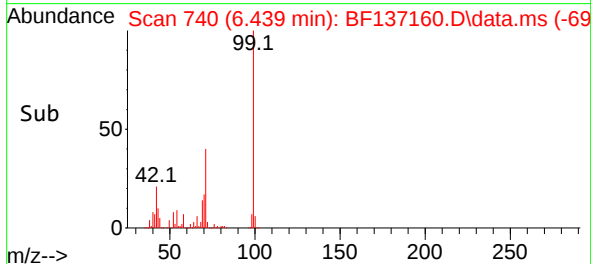
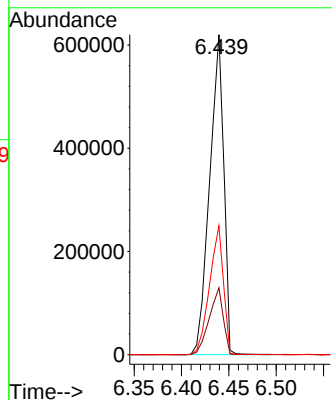
#7
Phenol-d6
Concen: 97.460 ng
RT: 6.439 min Scan# 741
Delta R.T. -0.006 min
Lab File: BF137160.D
Acq: 25 Jan 2024 21:26

Instrument :
BNA_F
ClientSampleId :
TP-COMP-012424



Tgt Ion: 99 Resp: 644223

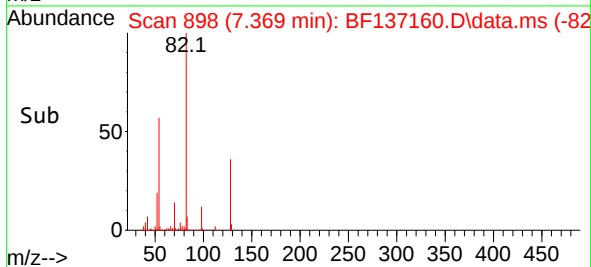
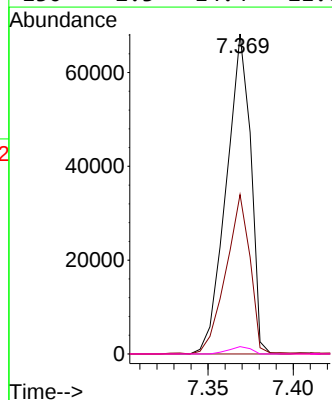
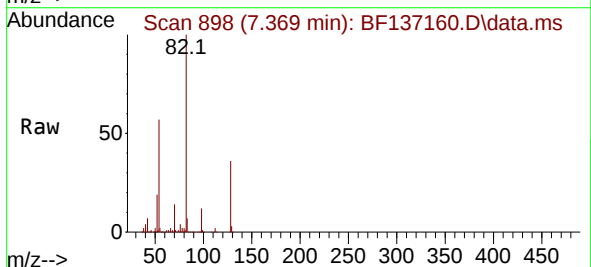
Ion	Ratio	Lower	Upper
99	100		
42	20.9	17.5	26.3
71	40.3	31.2	46.8

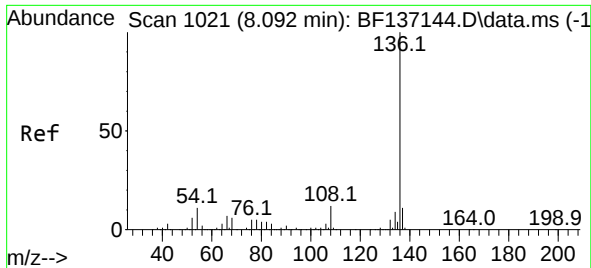


#19
n-Nitroso-di-n-propylamine
Concen: 15.192 ng
RT: 7.369 min Scan# 898
Delta R.T. 0.135 min
Lab File: BF137160.D
Acq: 25 Jan 2024 21:26

Tgt Ion: 70 Resp: 67944

Ion	Ratio	Lower	Upper
70	100		
42	49.8	49.3	73.9
101	0.0	7.4	11.0#
130	2.3	14.4	21.6#

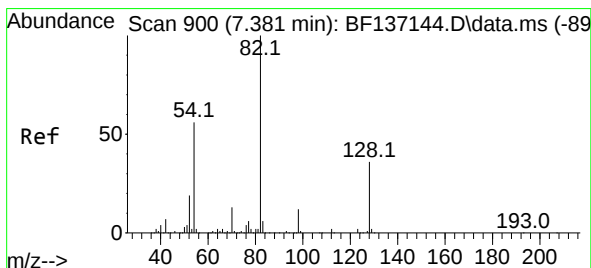
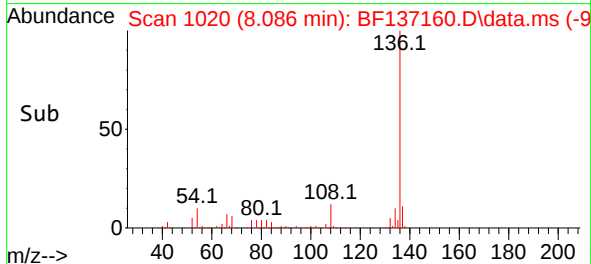
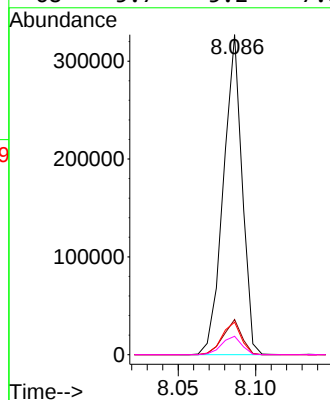
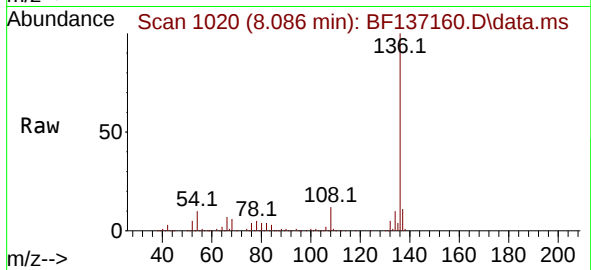




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.086 min Scan# 1021
Delta R.T. -0.006 min
Lab File: BF137160.D
Acq: 25 Jan 2024 21:26

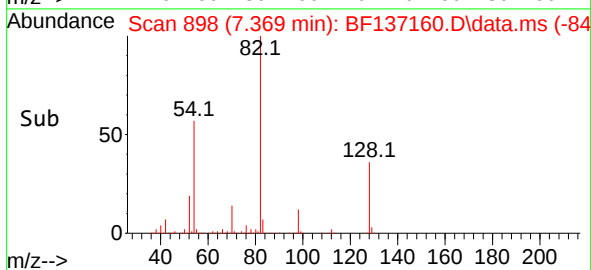
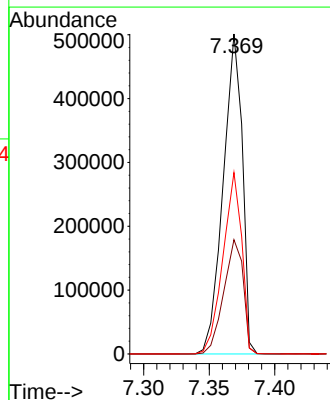
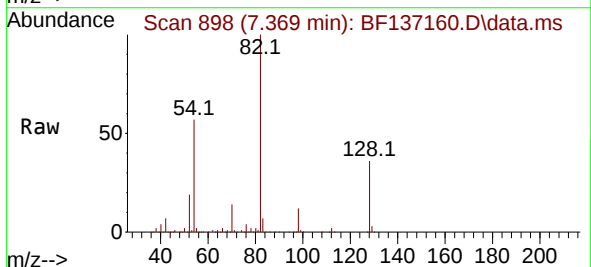
Instrument :
BNA_F
ClientSampleId :
TP-COMP-012424

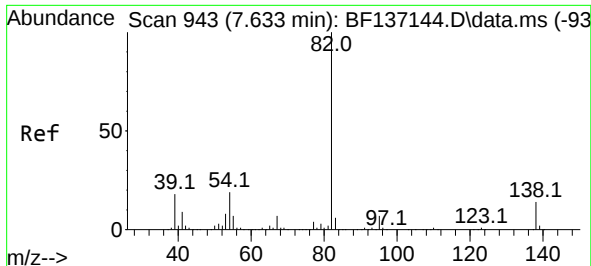
Tgt Ion:136 Resp: 274427
Ion Ratio Lower Upper
136 100
137 11.0 8.7 13.1
54 10.2 8.8 13.2
68 5.7 5.2 7.8



#23
Nitrobenzene-d5
Concen: 86.613 ng
RT: 7.369 min Scan# 898
Delta R.T. -0.012 min
Lab File: BF137160.D
Acq: 25 Jan 2024 21:26

Tgt Ion: 82 Resp: 507037
Ion Ratio Lower Upper
82 100
128 35.7 29.0 43.6
54 56.7 44.6 67.0

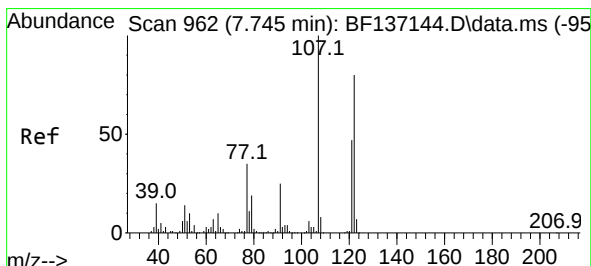
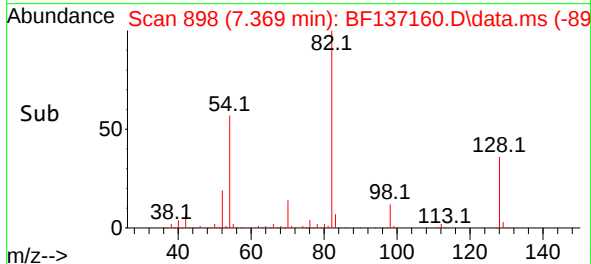
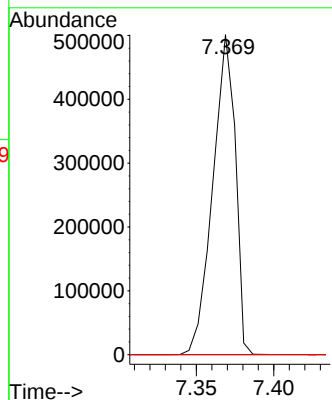
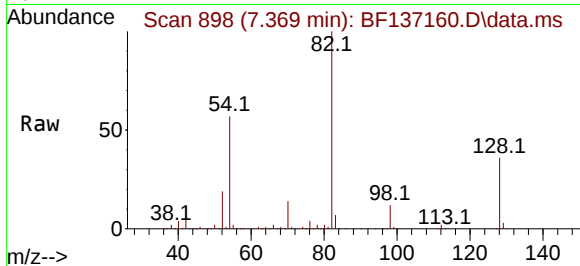




#25
Isophorone
Concen: 43.790 ng
RT: 7.369 min Scan# 89
Delta R.T. -0.264 min
Lab File: BF137160.D
Acq: 25 Jan 2024 21:26

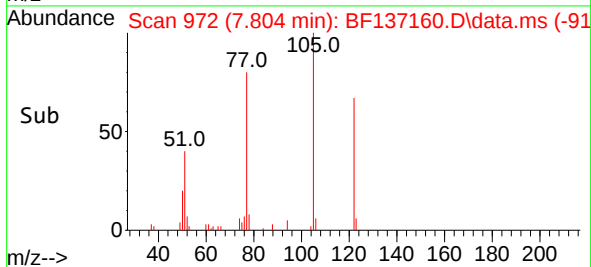
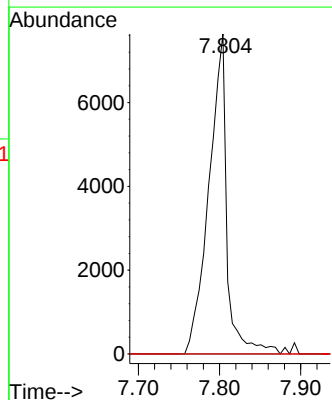
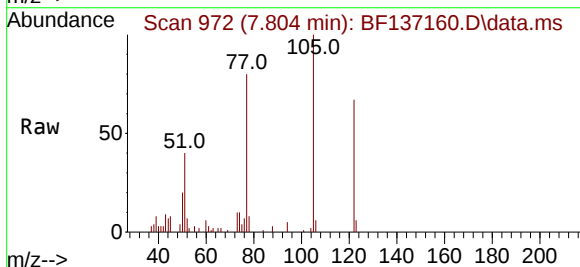
Instrument :
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ClientSampleId :
TP-COMP-012424

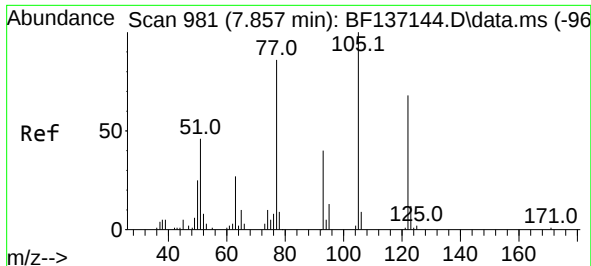
Tgt Ion: 82 Resp: 506189
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 11.5 17.3#



#27
2,4-Dimethylphenol
Concen: 3.369 ng
RT: 7.804 min Scan# 972
Delta R.T. 0.059 min
Lab File: BF137160.D
Acq: 25 Jan 2024 21:26

Tgt Ion:122 Resp: 11777
Ion Ratio Lower Upper
122 100
107 0.0 100.2 150.2#
121 0.0 47.2 70.8#

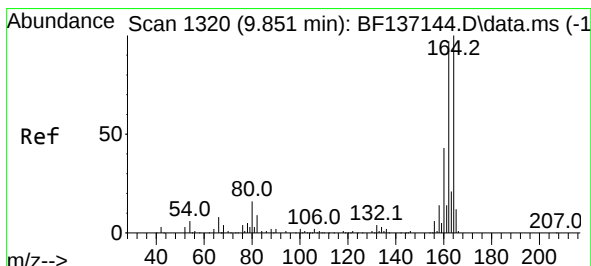
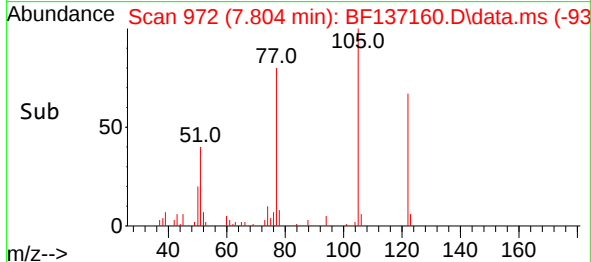
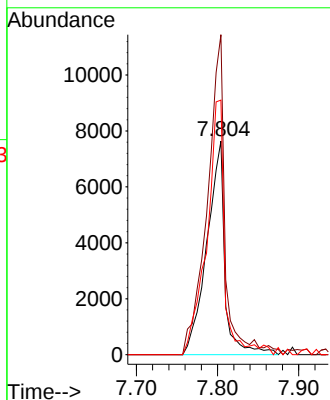
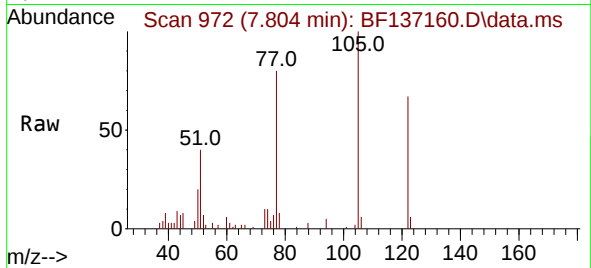




#32
Benzoic acid
Concen: 12.231 ng
RT: 7.804 min Scan# 91
Delta R.T. -0.053 min
Lab File: BF137160.D
Acq: 25 Jan 2024 21:26

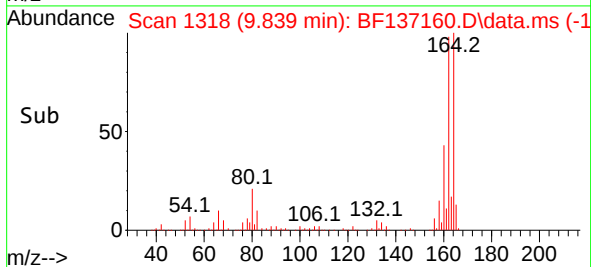
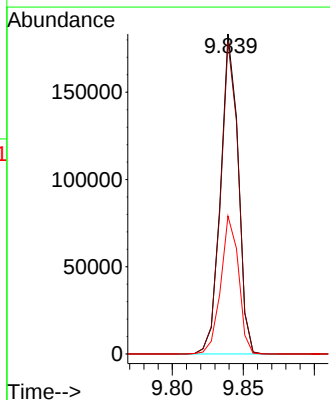
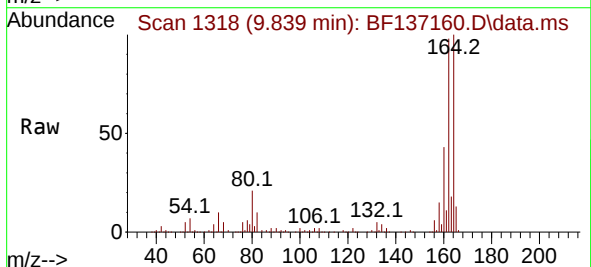
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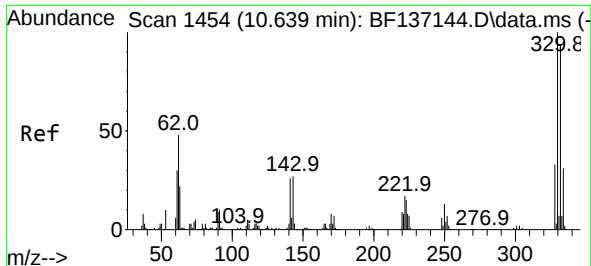
Tgt Ion:122 Resp: 11777
Ion Ratio Lower Upper
122 100
105 149.8 123.2 163.2
77 119.2 107.6 147.6



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.839 min Scan# 1318
Delta R.T. -0.012 min
Lab File: BF137160.D
Acq: 25 Jan 2024 21:26

Tgt Ion:164 Resp: 157158
Ion Ratio Lower Upper
164 100
162 97.6 77.5 116.3
160 43.1 34.7 52.1





#42

2,4,6-Tribromophenol

Concen: 136.619 ng

RT: 10.633 min Scan# 1454

Delta R.T. -0.006 min

Lab File: BF137160.D

Acq: 25 Jan 2024 21:26

Instrument :

BNA_F

ClientSampleId :

TP-COMP-012424

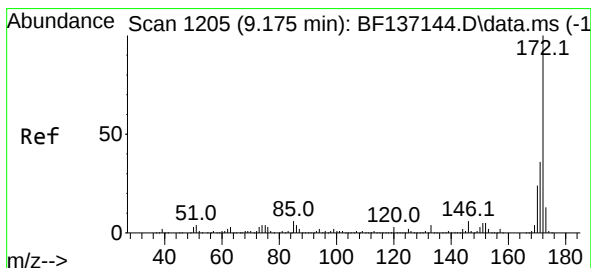
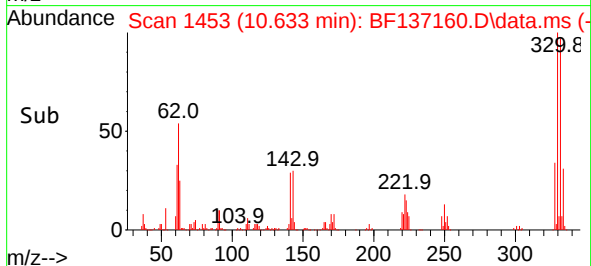
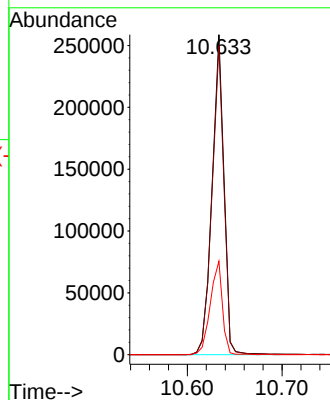
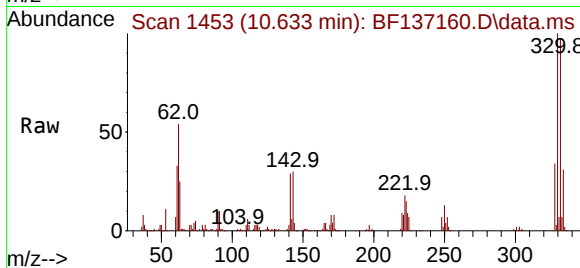
Tgt Ion:330 Resp: 225859

Ion Ratio Lower Upper

330 100

332 97.0 75.4 113.0

141 29.7 24.8 37.2



#45

2-Fluorobiphenyl

Concen: 80.582 ng

RT: 9.169 min Scan# 1204

Delta R.T. -0.006 min

Lab File: BF137160.D

Acq: 25 Jan 2024 21:26

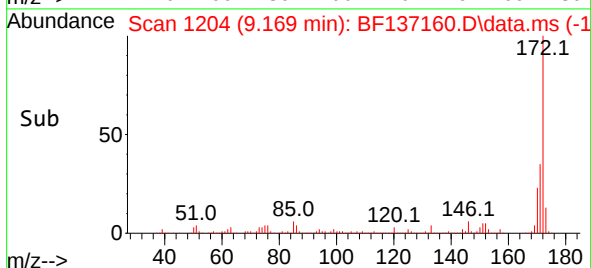
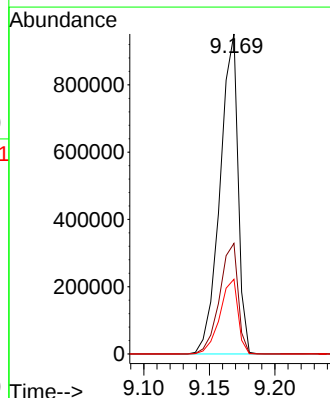
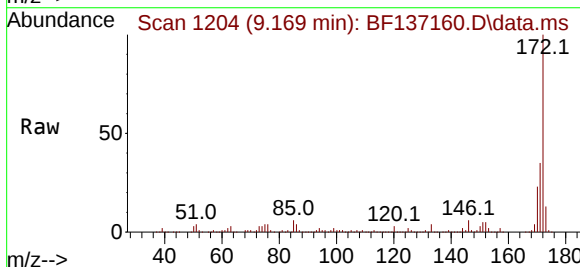
Tgt Ion:172 Resp: 909661

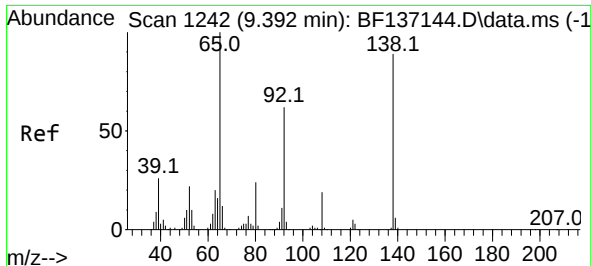
Ion Ratio Lower Upper

172 100

171 34.5 28.6 43.0

170 23.3 18.8 28.2





#48

2-Nitroaniline

Concen: 4.707 ng

RT: 9.169 min Scan# 11

Delta R.T. -0.223 min

Lab File: BF137160.D

Acq: 25 Jan 2024 21:26

Instrument :

BNA_F

ClientSampleId :

TP-COMP-012424

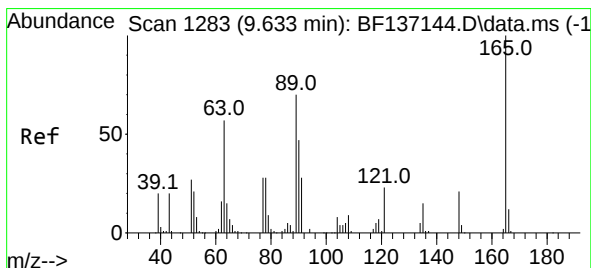
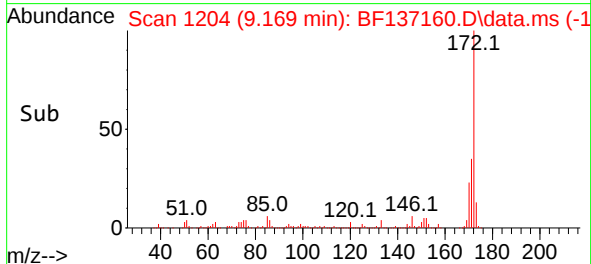
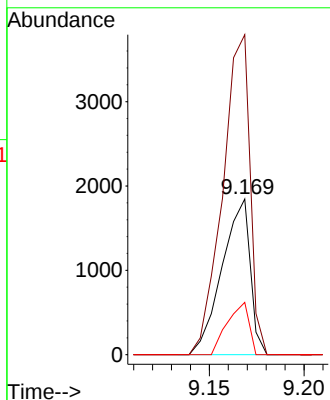
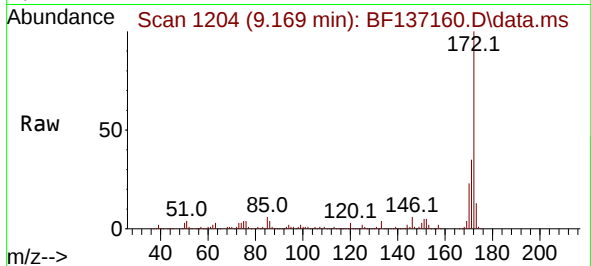
Tgt Ion: 65 Resp: 1909

Ion Ratio Lower Upper

65 100

92 205.5 49.4 74.2#

138 33.6 70.8 106.2#



#51

2,6-Dinitrotoluene

Concen: 11.689 ng

RT: 9.839 min Scan# 1318

Delta R.T. 0.206 min

Lab File: BF137160.D

Acq: 25 Jan 2024 21:26

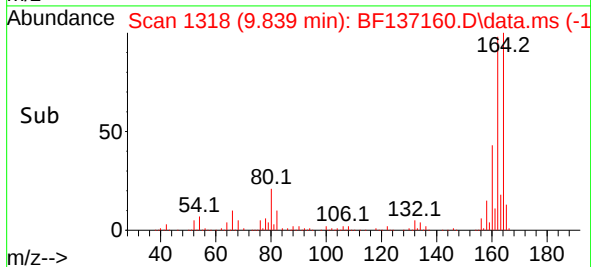
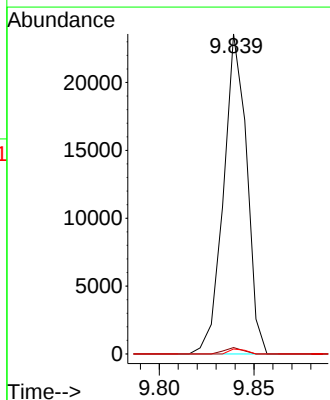
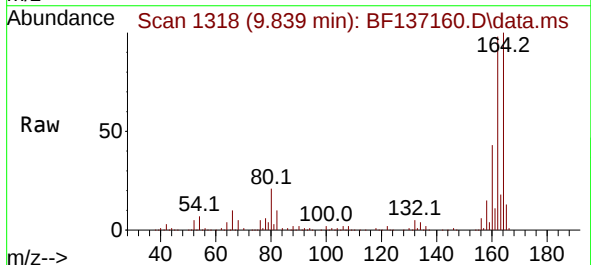
Tgt Ion: 165 Resp: 20054

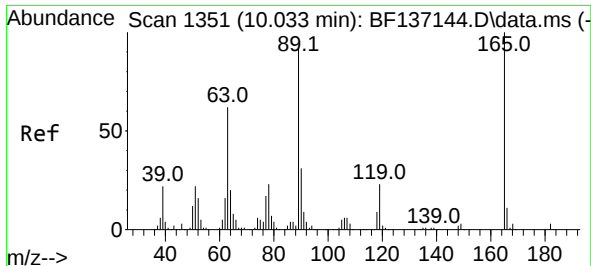
Ion Ratio Lower Upper

165 100

63 2.0 64.4 96.6#

89 1.6 55.7 83.5#

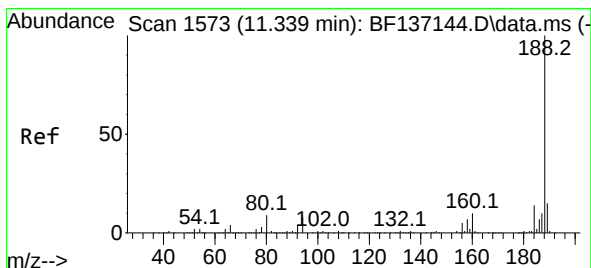
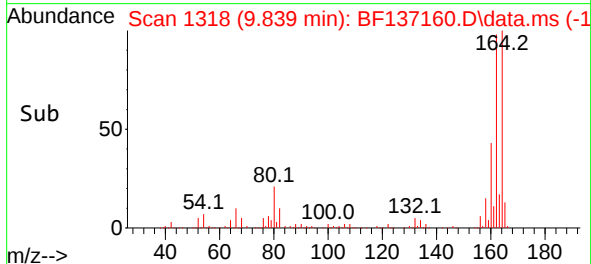
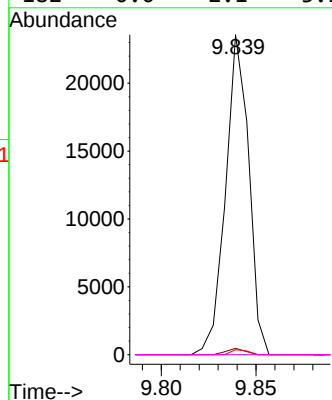
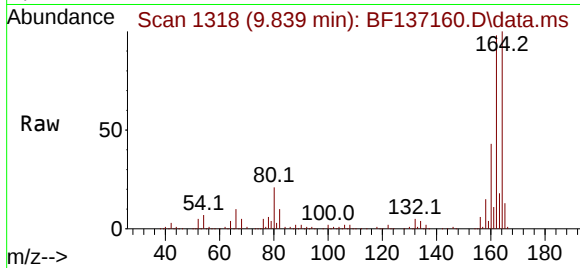




#57
2,4-Dinitrotoluene
Concen: 11.028 ng
RT: 9.839 min Scan# 11
Delta R.T. -0.194 min
Lab File: BF137160.D
Acq: 25 Jan 2024 21:26

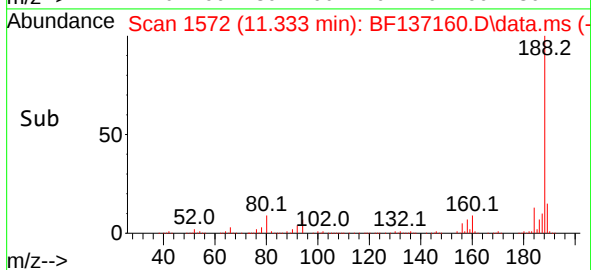
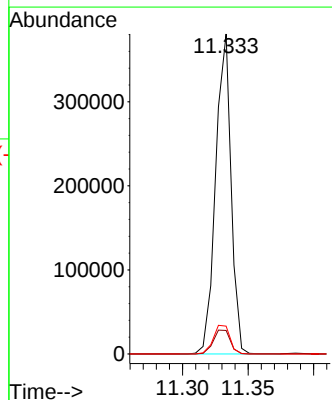
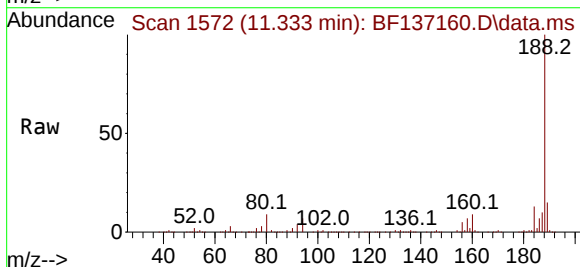
Instrument :
BNA_F
ClientSampleId :
TP-COMP-012424

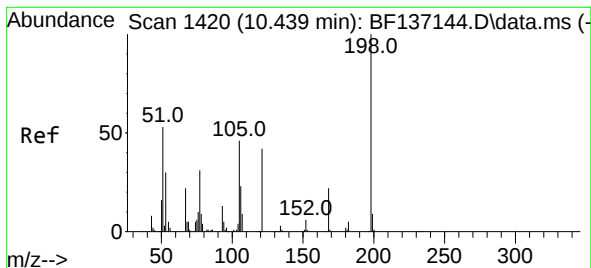
Tgt Ion:165 Resp: 20054
Ion Ratio Lower Upper
165 100
63 2.0 49.4 74.2#
89 1.6 73.5 110.3#
182 0.0 2.1 3.1#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.333 min Scan# 1572
Delta R.T. -0.006 min
Lab File: BF137160.D
Acq: 25 Jan 2024 21:26

Tgt Ion:188 Resp: 310692
Ion Ratio Lower Upper
188 100
94 7.3 6.4 9.6
80 8.7 7.4 11.0

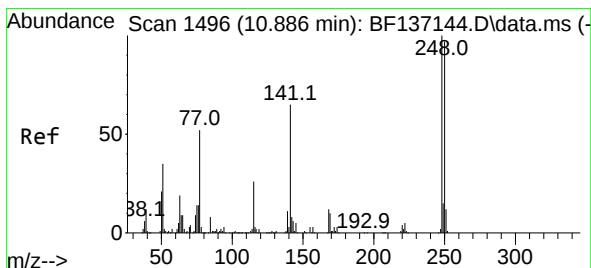
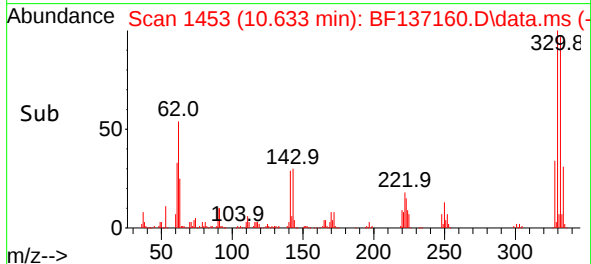
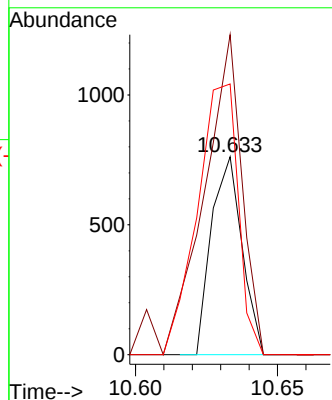
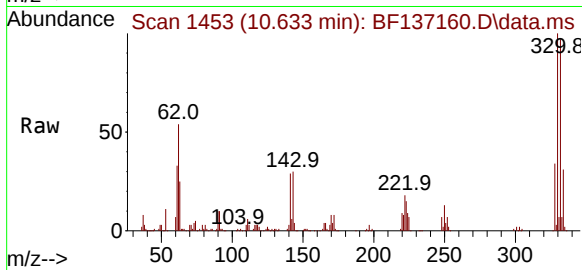




#65
4,6-Dinitro-2-methylphenol
Concen: 8.590 ng
RT: 10.633 min Scan# 1420
Delta R.T. 0.194 min
Lab File: BF137160.D
Acq: 25 Jan 2024 21:26

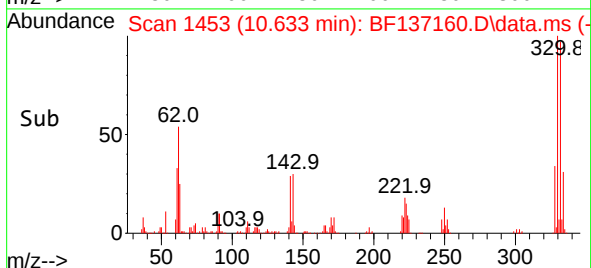
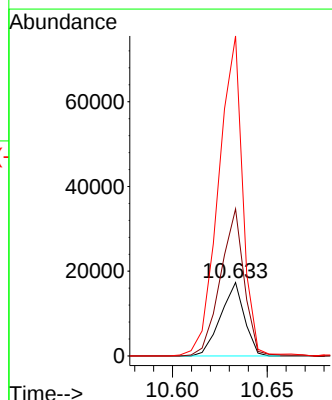
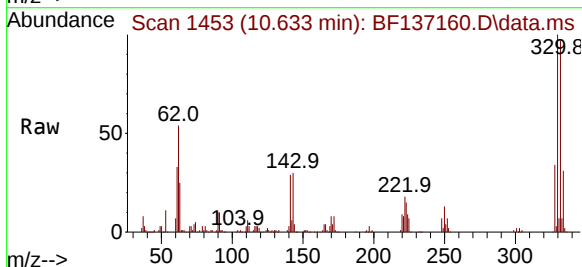
Instrument :
BNA_F
ClientSampleId :
TP-COMP-012424

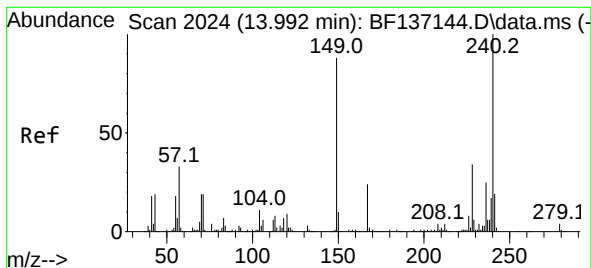
Tgt Ion:198 Resp: 569
Ion Ratio Lower Upper
198 100
51 161.7 44.7 84.7#
105 136.7 28.2 68.2#



#67
4-Bromophenyl-phenylether
Concen: 4.222 ng
RT: 10.633 min Scan# 1453
Delta R.T. -0.253 min
Lab File: BF137160.D
Acq: 25 Jan 2024 21:26

Tgt Ion:248 Resp: 15113
Ion Ratio Lower Upper
248 100
250 200.1 77.7 116.5#
141 435.7 52.3 78.5#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.986 min Scan# 20

Delta R.T. -0.006 min

Lab File: BF137160.D

Acq: 25 Jan 2024 21:26

Instrument :

BNA_F

ClientSampleId :

TP-COMP-012424

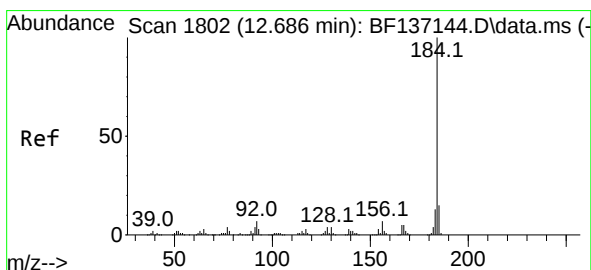
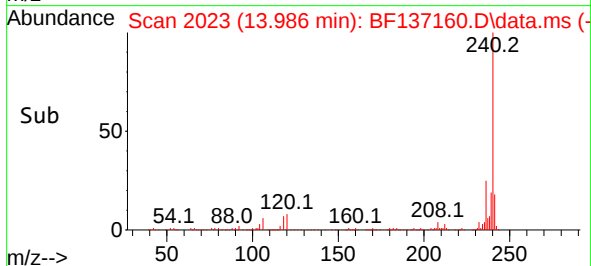
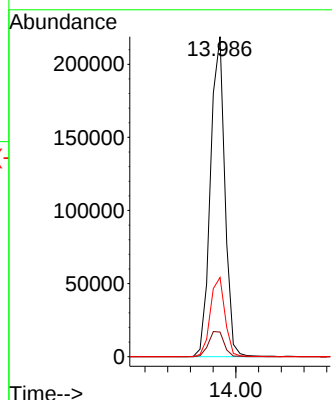
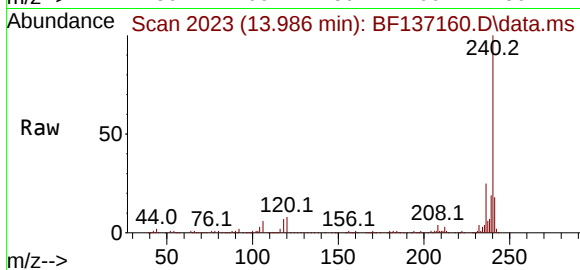
Tgt Ion:240 Resp: 192029

Ion Ratio Lower Upper

240 100

120 7.7 6.9 10.3

236 24.7 20.4 30.6



#77

Benzidine

Concen: 3.864 ng

RT: 12.933 min Scan# 1844

Delta R.T. 0.247 min

Lab File: BF137160.D

Acq: 25 Jan 2024 21:26

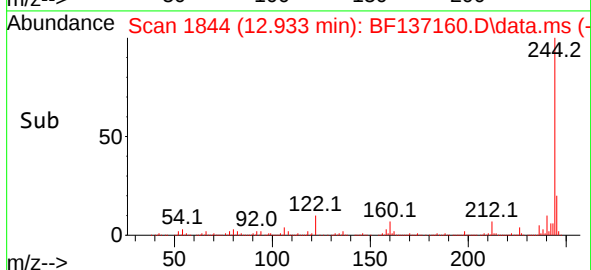
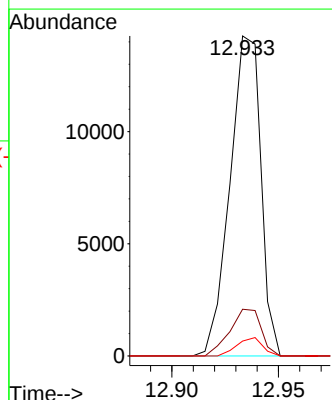
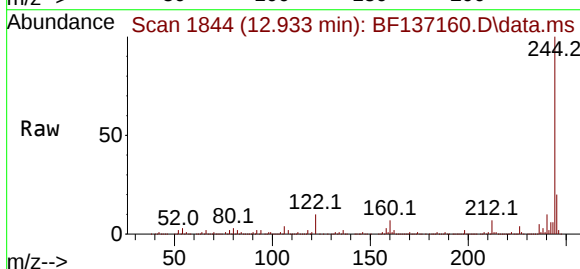
Tgt Ion:184 Resp: 14390

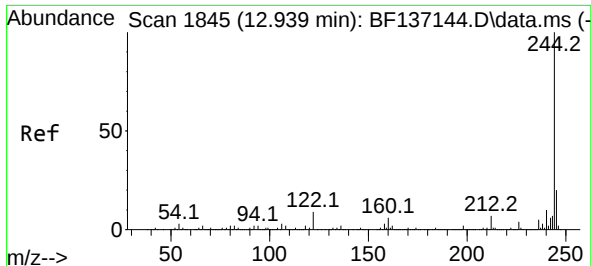
Ion Ratio Lower Upper

184 100

185 14.6 12.2 18.4

183 4.7 10.0 15.0#

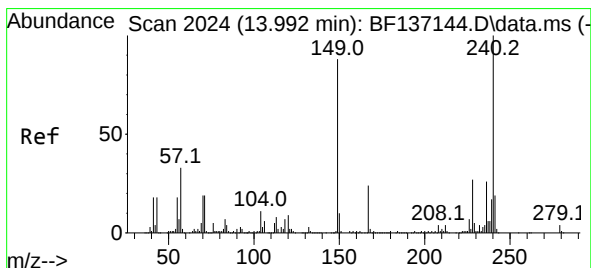
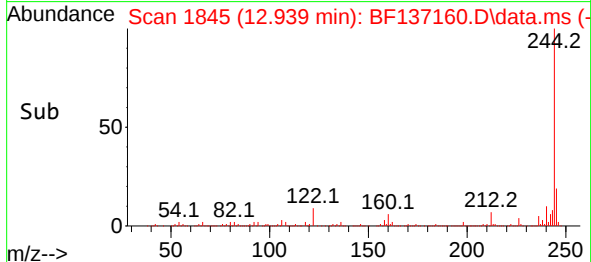
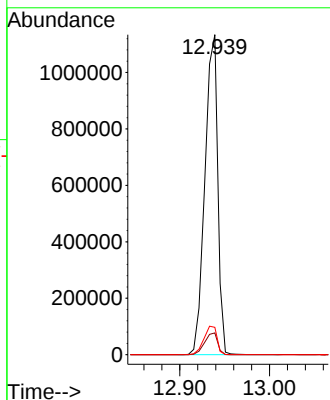
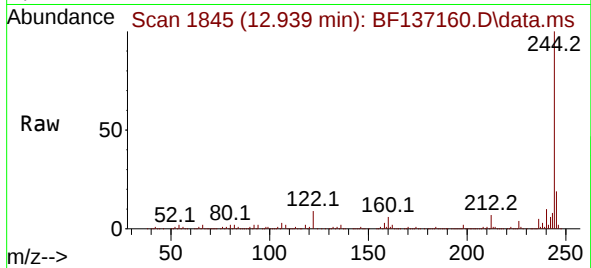




#79
 Terphenyl-d14
 Concen: 84.006 ng
 RT: 12.939 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: BF137160.D
 Acq: 25 Jan 2024 21:26

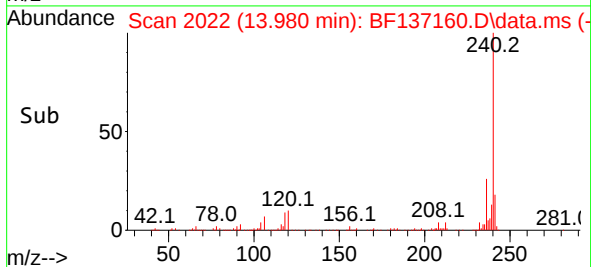
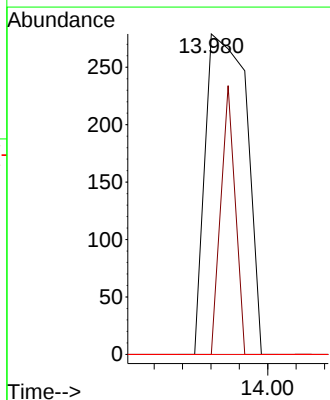
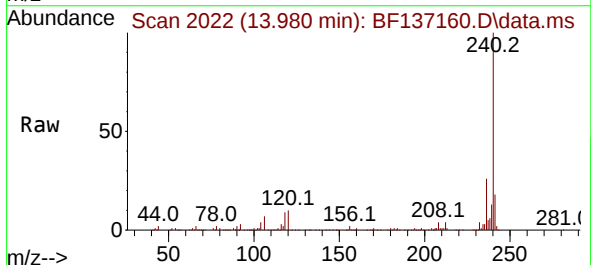
Instrument :
 BNA_F
 ClientSampleId :
 TP-COMP-012424

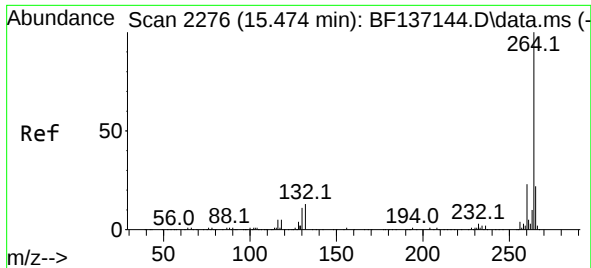
Tgt Ion:244 Resp: 1128102
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.7 8.5
 122 8.5 7.3 10.9



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 6.326 ng
 RT: 13.980 min Scan# 2022
 Delta R.T. -0.012 min
 Lab File: BF137160.D
 Acq: 25 Jan 2024 21:26

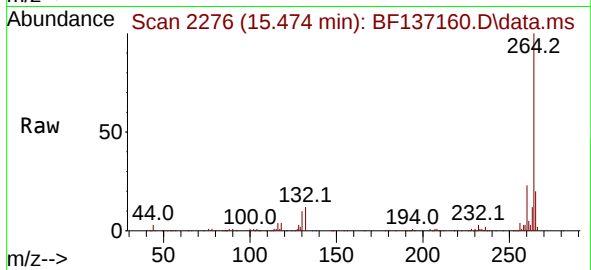
Tgt Ion:149 Resp: 279
 Ion Ratio Lower Upper
 149 100
 167 0.0 21.7 32.5#
 279 0.0 3.6 5.4#





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.474 min Scan# 21
Delta R.T. 0.000 min
Lab File: BF137160.D
Acq: 25 Jan 2024 21:26

Instrument :
BNA_F
ClientSampleId :
TP-COMP-012424



Tgt Ion:264 Resp: 175969

Ion	Ratio	Lower	Upper
264	100		
260	23.2	18.5	27.7
265	19.5	17.2	25.8

