

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032124\
 Data File : BF137668.D
 Acq On : 21 Mar 2024 18:56
 Operator : CG\JU
 Sample : P1814-01
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-6

Quant Time: Mar 22 01:41:26 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 14 14:45:20 2024
 Response via : Initial Calibration

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

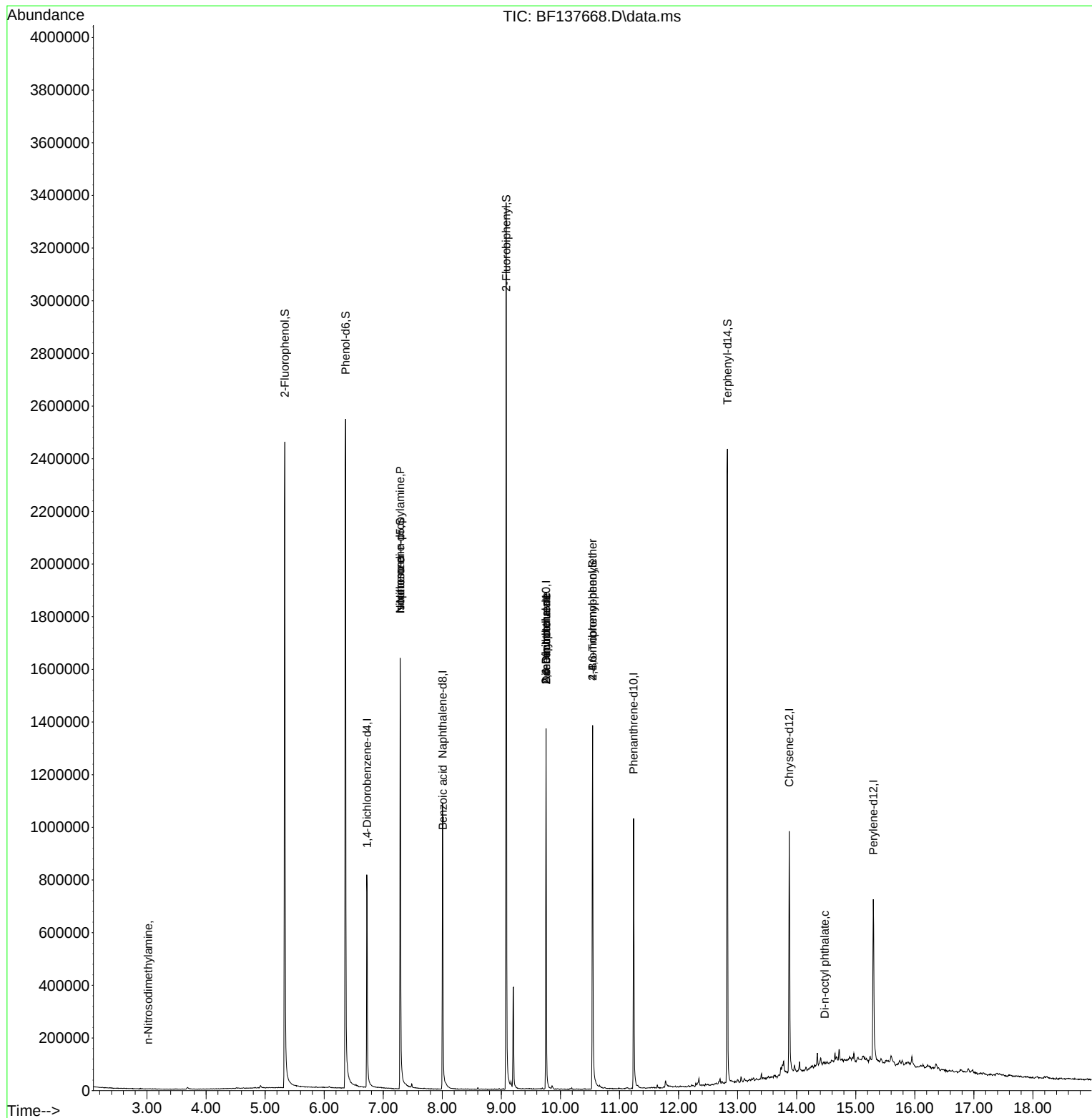
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.728	152	132332	20.000	ng	0.00
21) Naphthalene-d8	8.004	136	505616	20.000	ng	0.00
39) Acenaphthene-d10	9.757	164	260500	20.000	ng	0.00
64) Phenanthrene-d10	11.239	188	378511	20.000	ng	0.00
76) Chrysene-d12	13.874	240	314439	20.000	ng	0.00
86) Perylene-d12	15.298	264	297202	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.334	112	760379	87.025	ng	0.00
7) Phenol-d6	6.363	99	1007869	79.912	ng	0.00
23) Nitrobenzene-d5	7.286	82	586887	53.933	ng	-0.01
42) 2,4,6-Tribromophenol	10.545	330	172790	75.532	ng	0.00
45) 2-Fluorobiphenyl	9.080	172	1036206	62.266	ng	0.00
79) Terphenyl-d14	12.827	244	902136	39.452	ng	0.00
Target Compounds						
						Qvalue
4) n-Nitrosodimethylamine	3.022	42	212	3.850	ng	# 1
19) n-Nitroso-di-n-propyla...	7.286	70	74754	9.598	ng	# 79
25) Isophorone	7.286	82	586887	28.388	ng	# 69
32) Benzoic acid	8.010	122	60	6.310	ng	# 1
50) Dimethylphthalate	9.757	163	38962	2.149	ng	# 1
51) 2,6-Dinitrotoluene	9.757	165	33092	8.725	ng	# 20
57) 2,4-Dinitrotoluene	9.757	165	33092	7.102	ng	# 21
67) 4-Bromophenyl-phenylether	10.545	248	11662	2.829	ng	# 1
85) Di-n-octyl phthalate	14.474	149	832	5.645	ng	# 1

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032124\
Data File : BF137668.D
Acq On : 21 Mar 2024 18:56
Operator : CG\JU
Sample : P1814-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-6

Quant Time: Mar 22 01:41:26 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 14 14:45:20 2024
Response via : Initial Calibration

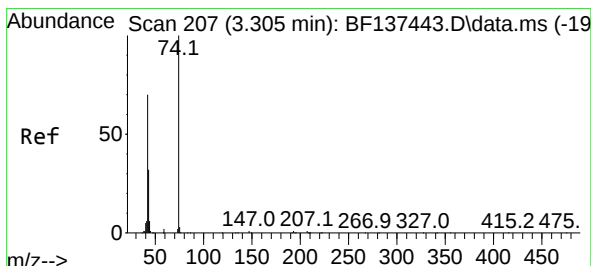
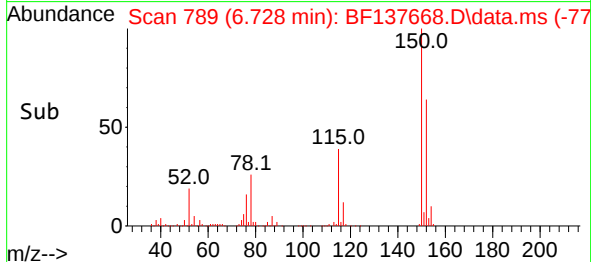
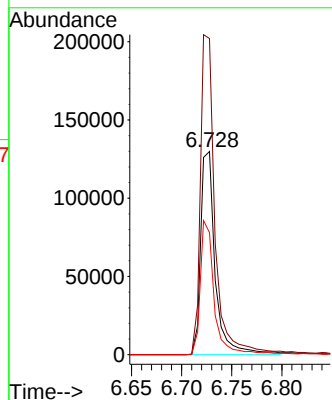
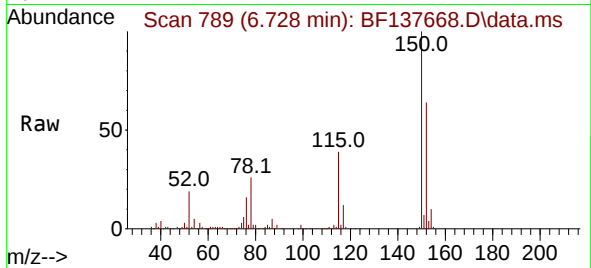




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.728 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF137668.D
Acq: 21 Mar 2024 18:56

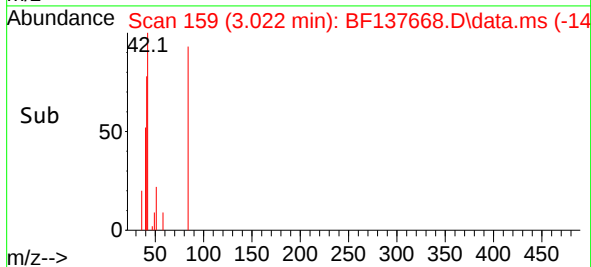
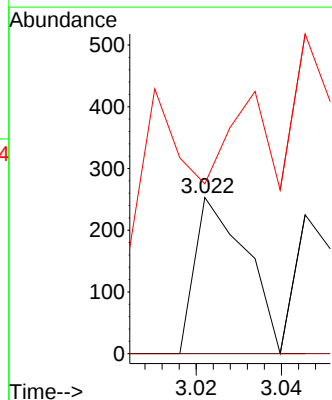
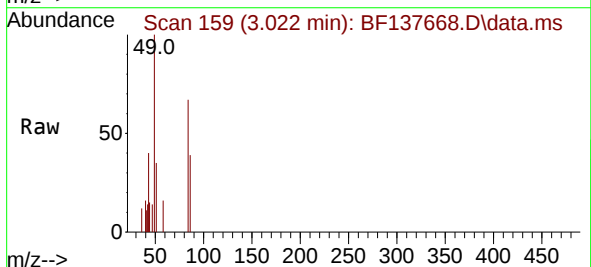
Instrument :
BNA_F
ClientSampleId :
TP-6

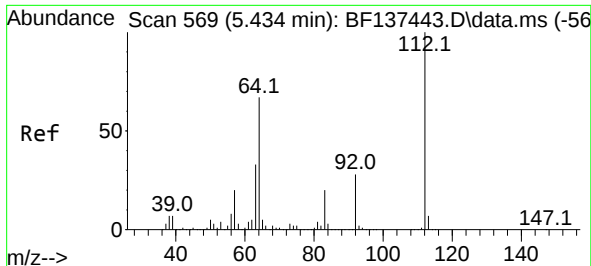
Tgt Ion:152 Resp: 132332
Ion Ratio Lower Upper
152 100
150 155.6 125.8 188.6
115 60.1 48.8 73.2



#4
n-Nitrosodimethylamine
Concen: 3.850 ng
RT: 3.022 min Scan# 159
Delta R.T. -0.018 min
Lab File: BF137668.D
Acq: 21 Mar 2024 18:56

Tgt Ion: 42 Resp: 212
Ion Ratio Lower Upper
42 100
74 0.0 114.0 171.0#
44 108.7 7.0 10.4#

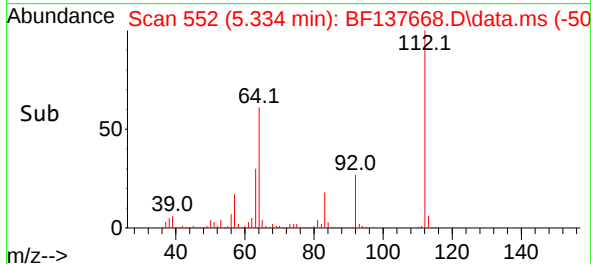
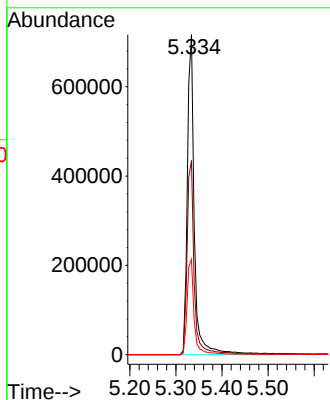
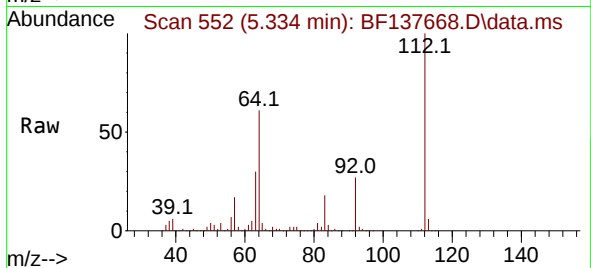




#5
2-Fluorophenol
Concen: 87.025 ng
RT: 5.334 min Scan# 51
Delta R.T. -0.000 min
Lab File: BF137668.D
Acq: 21 Mar 2024 18:56

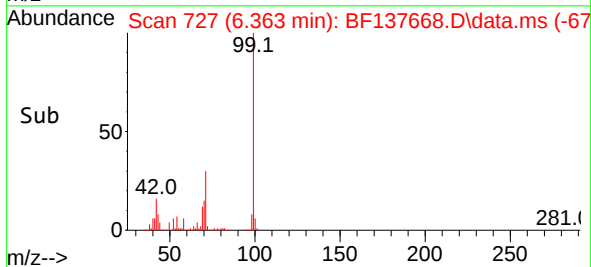
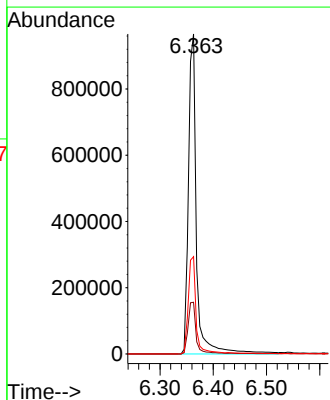
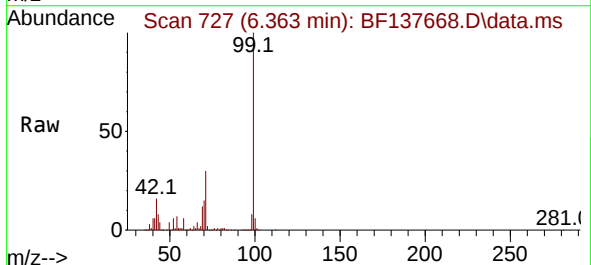
Instrument :
BNA_F
ClientSampleId :
TP-6

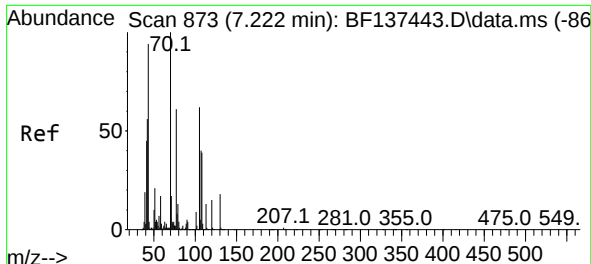
Tgt Ion:112 Resp: 760379
Ion Ratio Lower Upper
112 100
64 60.7 53.4 80.2
63 29.7 26.2 39.2



#7
Phenol-d6
Concen: 79.912 ng
RT: 6.363 min Scan# 727
Delta R.T. -0.006 min
Lab File: BF137668.D
Acq: 21 Mar 2024 18:56

Tgt Ion: 99 Resp: 1007869
Ion Ratio Lower Upper
99 100
42 16.2 14.6 21.8
71 30.4 25.3 37.9

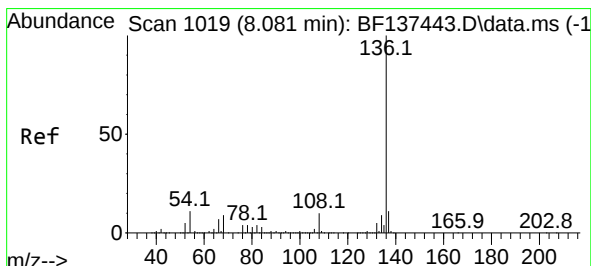
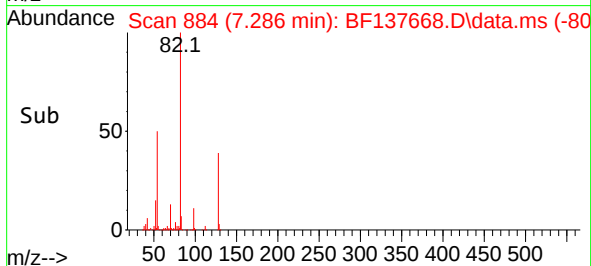
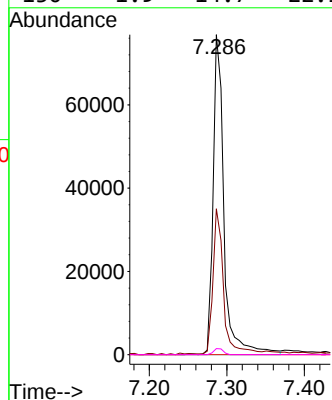
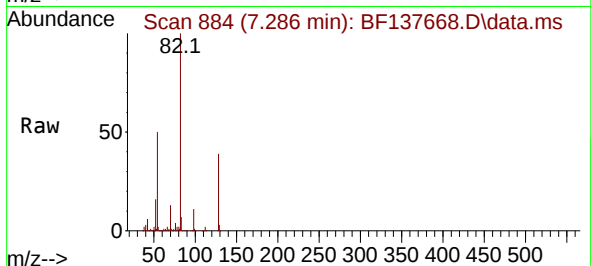




#19
n-Nitroso-di-n-propylamine
Concen: 9.598 ng
RT: 7.286 min Scan# 81
Delta R.T. 0.141 min
Lab File: BF137668.D
Acq: 21 Mar 2024 18:56

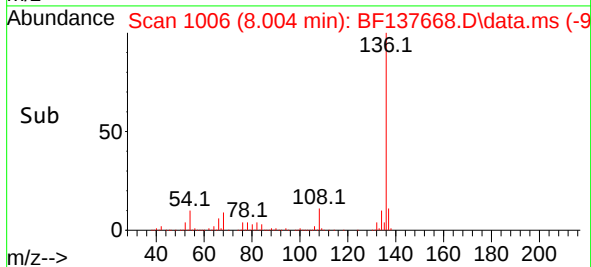
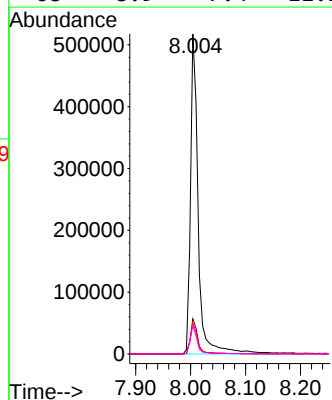
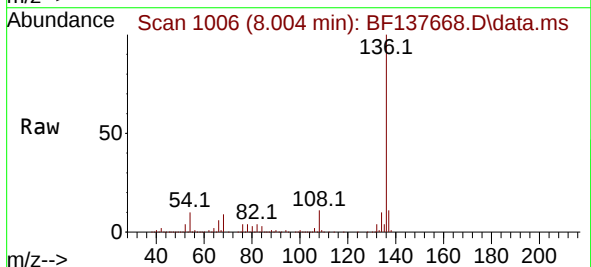
Instrument :
BNA_F
ClientSampleId :
TP-6

Tgt Ion:	70	Resp:	74754
Ion	Ratio	Lower	Upper
70	100		
42	45.6	45.2	67.8
101	0.0	7.3	10.9#
130	1.9	14.7	22.1#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.004 min Scan# 1006
Delta R.T. -0.006 min
Lab File: BF137668.D
Acq: 21 Mar 2024 18:56

Tgt Ion:	136	Resp:	505616
Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.1	13.7
54	9.7	8.5	12.7
68	8.9	7.4	11.2

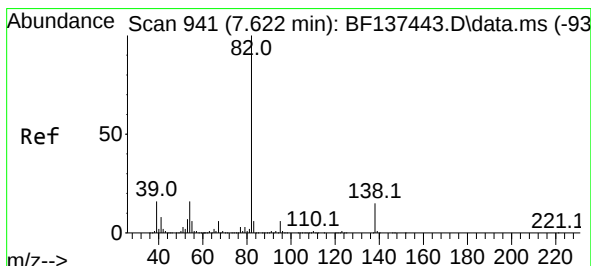
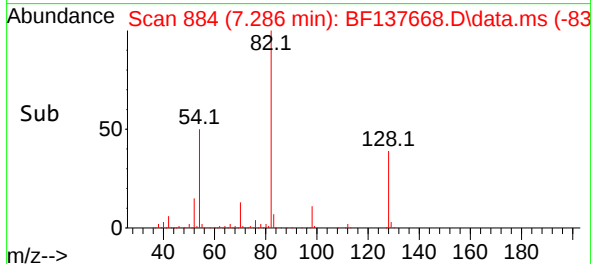
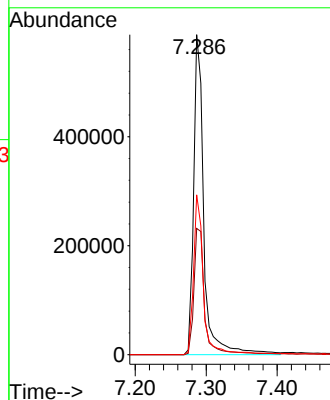
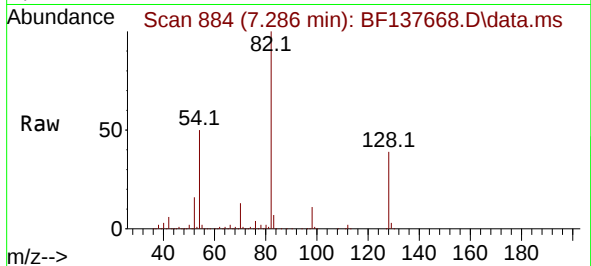




#23
Nitrobenzene-d5
Concen: 53.933 ng
RT: 7.286 min Scan# 884
Delta R.T. -0.012 min
Lab File: BF137668.D
Acq: 21 Mar 2024 18:56

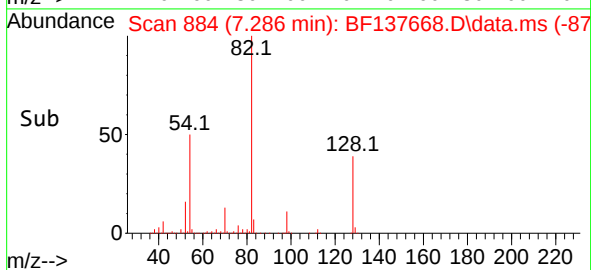
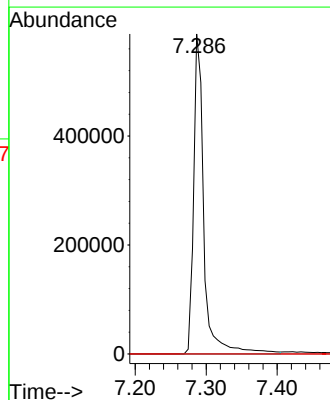
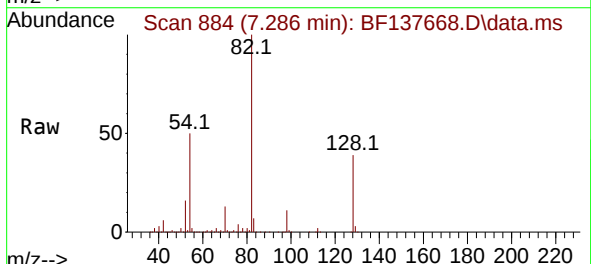
Instrument :
BNA_F
ClientSampleId :
TP-6

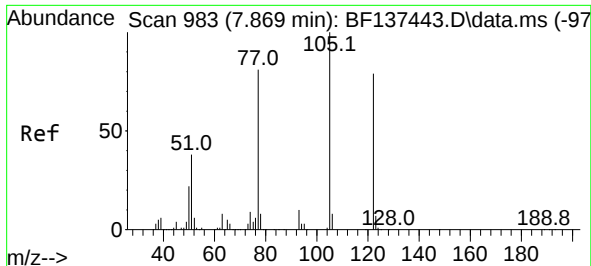
Tgt Ion: 82 Resp: 586887
Ion Ratio Lower Upper
82 100
128 39.4 32.5 48.7
54 50.0 41.5 62.3



#25
Isophorone
Concen: 28.388 ng
RT: 7.286 min Scan# 884
Delta R.T. -0.265 min
Lab File: BF137668.D
Acq: 21 Mar 2024 18:56

Tgt Ion: 82 Resp: 586887
Ion Ratio Lower Upper
82 100
95 0.0 5.1 7.7#
138 0.0 11.8 17.8#

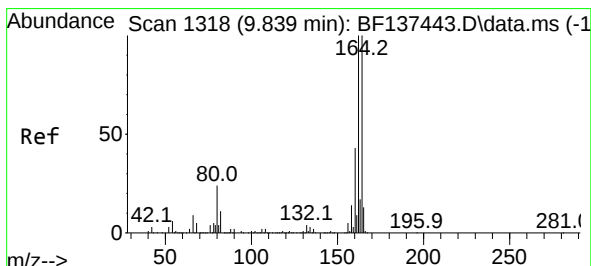
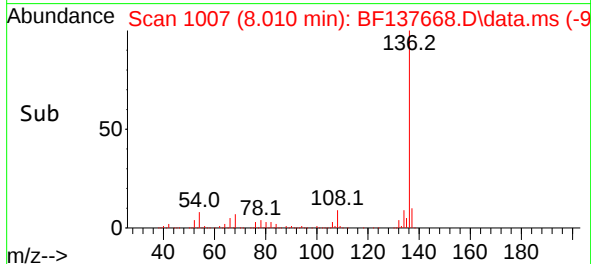
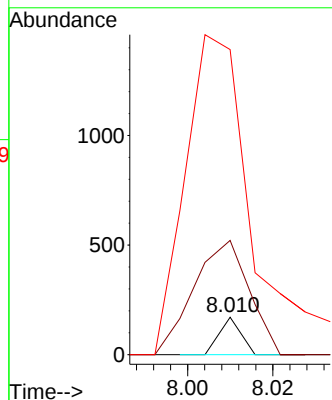
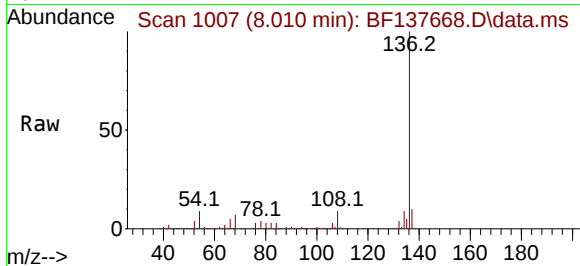




#32
Benzoic acid
Concen: 6.310 ng
RT: 8.010 min Scan# 10
Delta R.T. 0.212 min
Lab File: BF137668.D
Acq: 21 Mar 2024 18:56

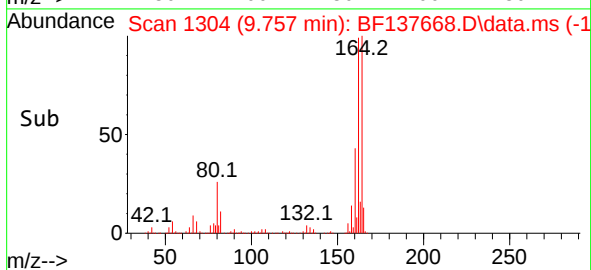
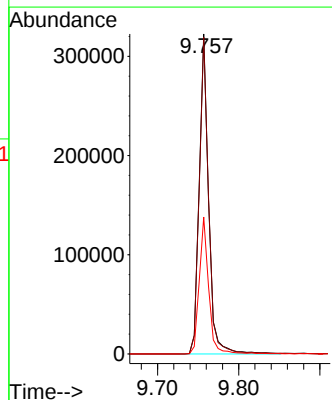
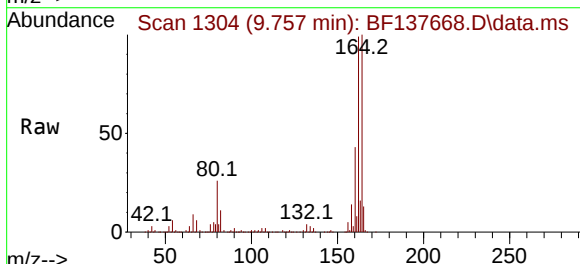
Instrument :
BNA_F
ClientSampleId :
TP-6

Tgt Ion:122 Resp: 60
Ion Ratio Lower Upper
122 100
105 304.7 102.4 142.4#
77 814.0 81.1 121.1#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.757 min Scan# 1304
Delta R.T. -0.006 min
Lab File: BF137668.D
Acq: 21 Mar 2024 18:56

Tgt Ion:164 Resp: 260500
Ion Ratio Lower Upper
164 100
162 99.0 79.8 119.8
160 42.8 34.4 51.6

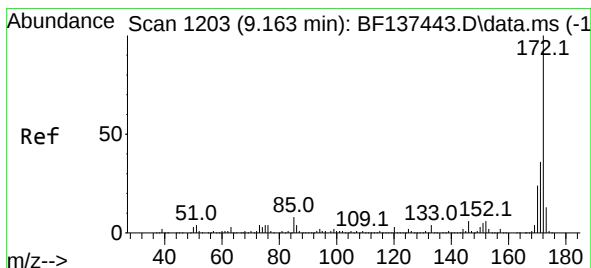
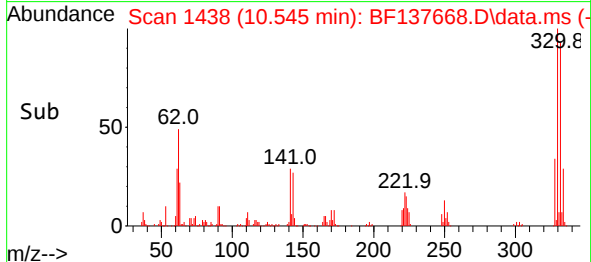
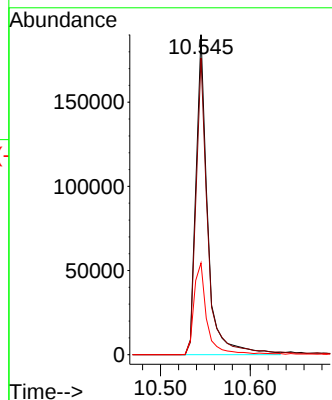
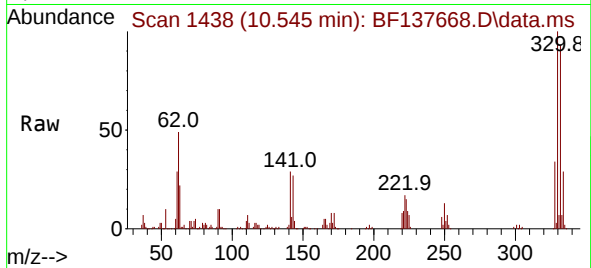




#42
2,4,6-Tribromophenol
Concen: 75.532 ng
RT: 10.545 min Scan# 1453
Delta R.T. -0.006 min
Lab File: BF137668.D
Acq: 21 Mar 2024 18:56

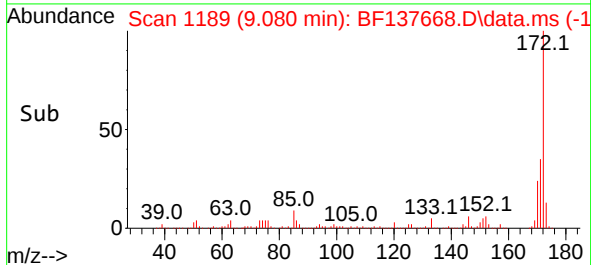
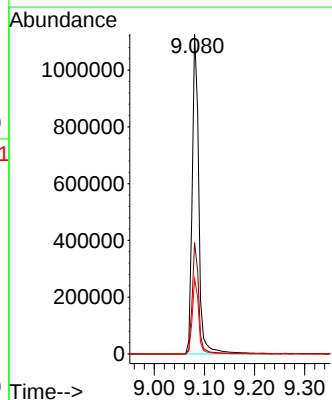
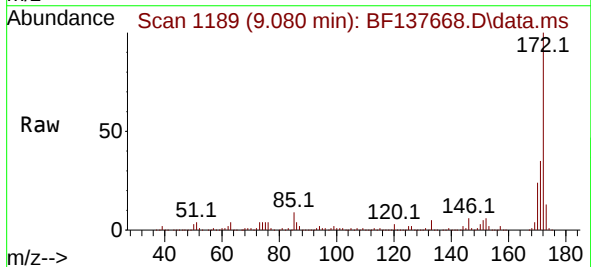
Instrument :
BNA_F
ClientSampleId :
TP-6

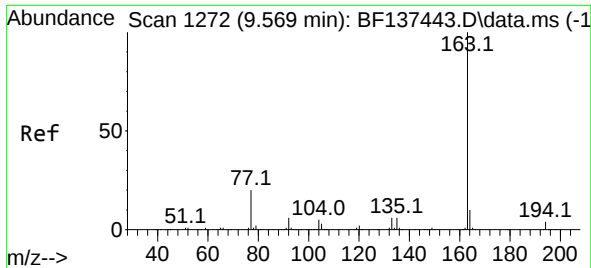
Tgt Ion:330 Resp: 172790
Ion Ratio Lower Upper
330 100
332 94.5 78.0 117.0
141 32.1 27.3 40.9



#45
2-Fluorobiphenyl
Concen: 62.266 ng
RT: 9.080 min Scan# 1189
Delta R.T. -0.006 min
Lab File: BF137668.D
Acq: 21 Mar 2024 18:56

Tgt Ion:172 Resp: 1036206
Ion Ratio Lower Upper
172 100
171 34.8 28.5 42.7
170 23.5 19.0 28.6

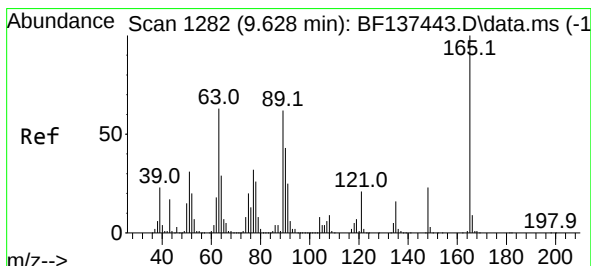
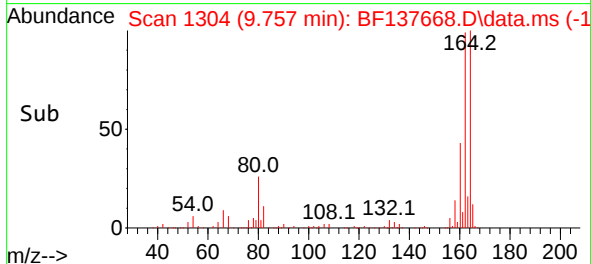
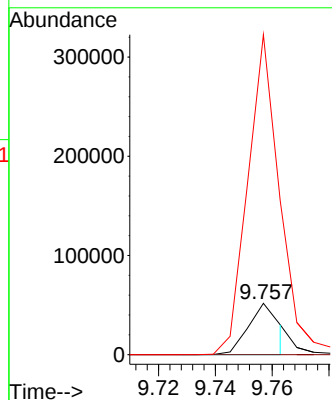
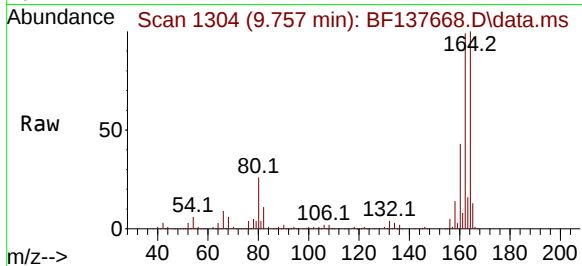




#50
Dimethylphthalate
Concen: 2.149 ng
RT: 9.757 min Scan# 11
Delta R.T. 0.265 min
Lab File: BF137668.D
Acq: 21 Mar 2024 18:56

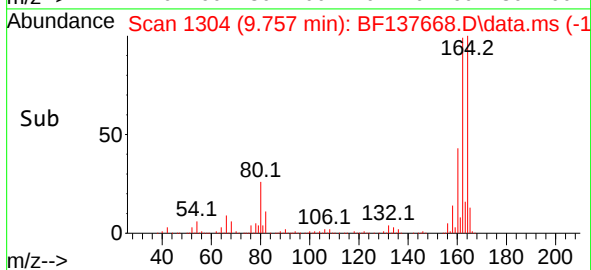
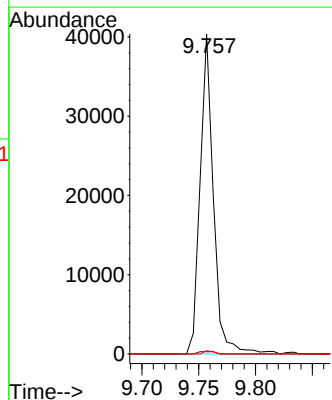
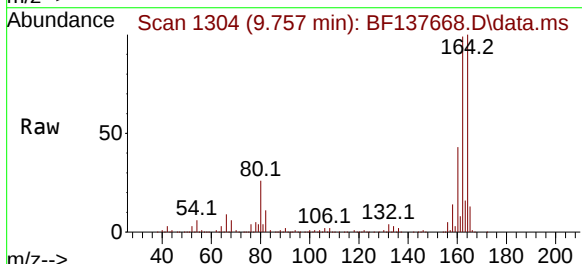
Instrument :
BNA_F
ClientSampleId :
TP-6

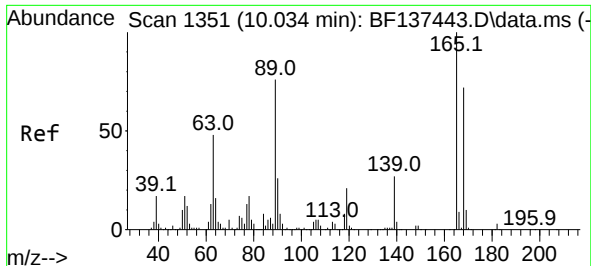
Tgt Ion:163 Resp: 38962
Ion Ratio Lower Upper
163 100
194 0.0 3.3 4.9#
164 623.9 8.1 12.1#



#51
2,6-Dinitrotoluene
Concen: 8.725 ng
RT: 9.757 min Scan# 1304
Delta R.T. 0.206 min
Lab File: BF137668.D
Acq: 21 Mar 2024 18:56

Tgt Ion:165 Resp: 33092
Ion Ratio Lower Upper
165 100
63 0.7 50.7 76.1#
89 1.0 50.0 75.0#

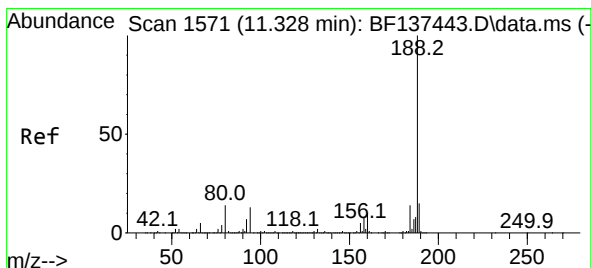
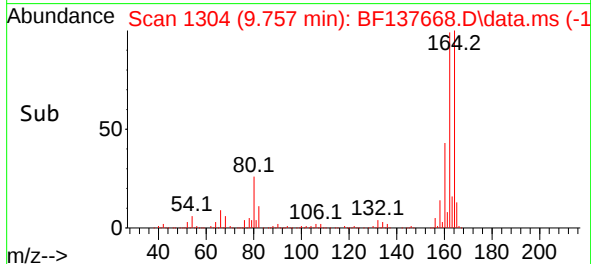
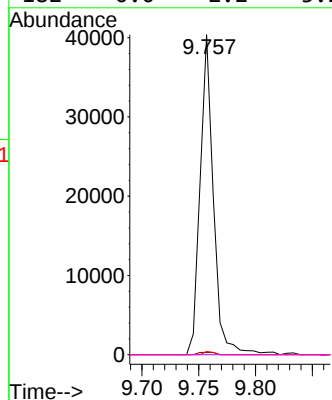
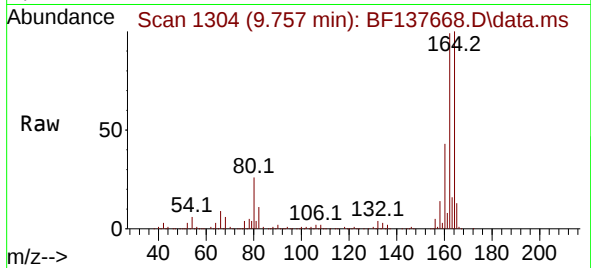




#57
2,4-Dinitrotoluene
Concen: 7.102 ng
RT: 9.757 min Scan# 11
Delta R.T. -0.200 min
Lab File: BF137668.D
Acq: 21 Mar 2024 18:56

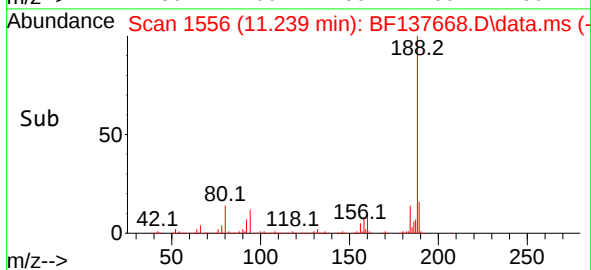
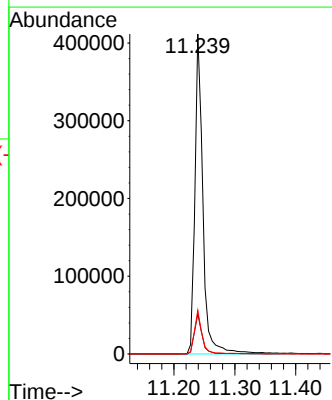
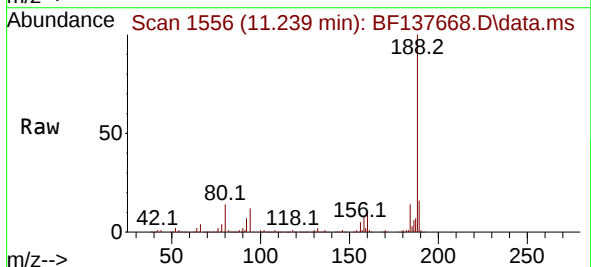
Instrument :
BNA_F
ClientSampleId :
TP-6

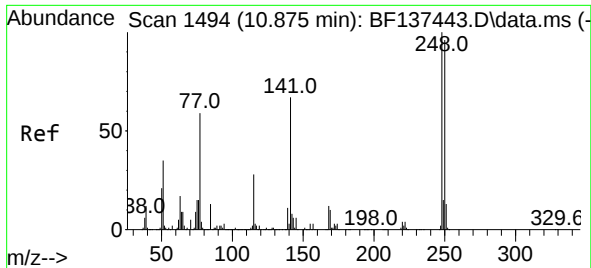
Tgt Ion:165 Resp: 33092
Ion Ratio Lower Upper
165 100
63 0.7 39.0 58.6#
89 1.0 60.9 91.3#
182 0.0 2.2 3.2#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.239 min Scan# 1556
Delta R.T. -0.000 min
Lab File: BF137668.D
Acq: 21 Mar 2024 18:56

Tgt Ion:188 Resp: 378511
Ion Ratio Lower Upper
188 100
94 12.5 10.6 15.8
80 13.6 11.5 17.3

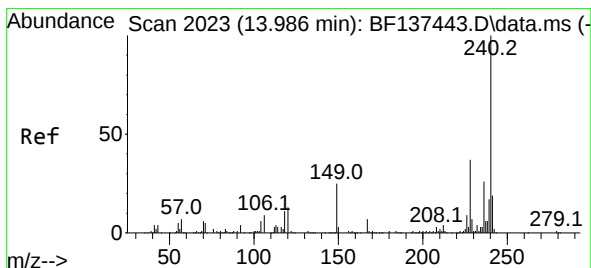
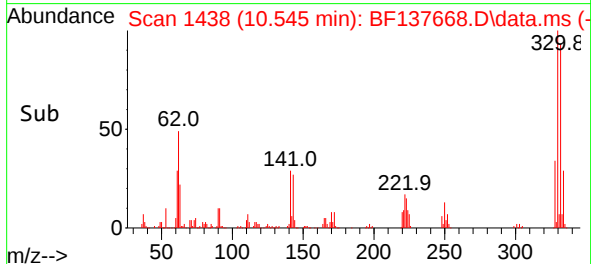
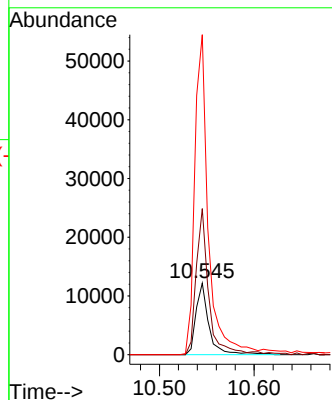
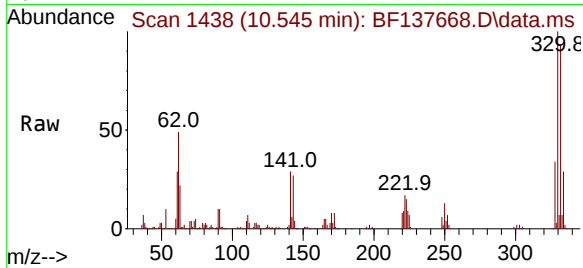




#67
4-Bromophenyl-phenylether
Concen: 2.829 ng
RT: 10.545 min Scan# 14
Delta R.T. -0.247 min
Lab File: BF137668.D
Acq: 21 Mar 2024 18:56

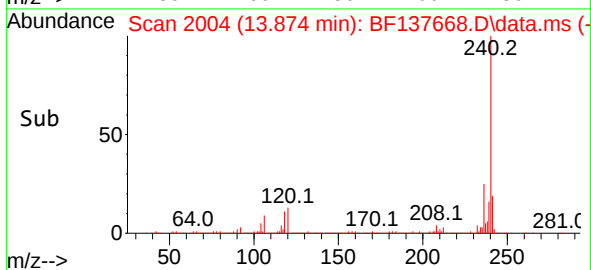
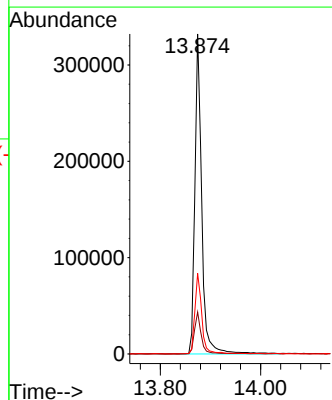
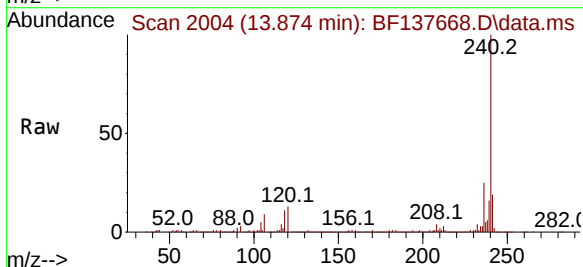
Instrument :
BNA_F
ClientSampleId :
TP-6

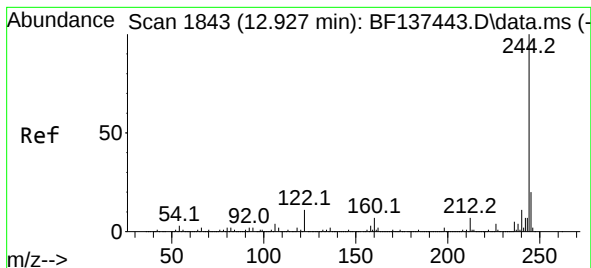
Tgt Ion:248 Resp: 11662
Ion Ratio Lower Upper
248 100
250 204.1 76.8 115.2#
141 447.0 53.4 80.0#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.874 min Scan# 2004
Delta R.T. -0.000 min
Lab File: BF137668.D
Acq: 21 Mar 2024 18:56

Tgt Ion:240 Resp: 314439
Ion Ratio Lower Upper
240 100
120 13.1 10.4 15.6
236 25.2 20.9 31.3





#79

Terphenyl-d14

Concen: 39.452 ng

RT: 12.827 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF137668.D

Acq: 21 Mar 2024 18:56

Instrument :

BNA_F

ClientSampleId :

TP-6

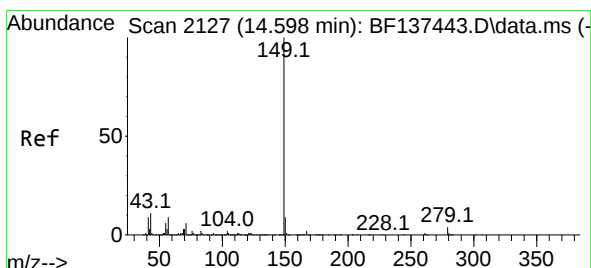
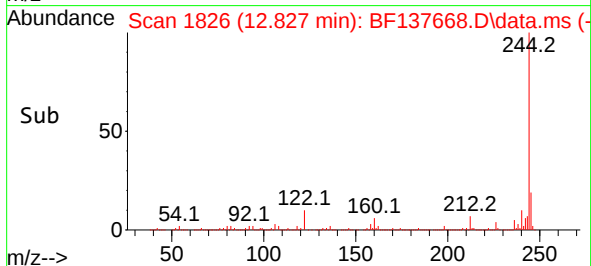
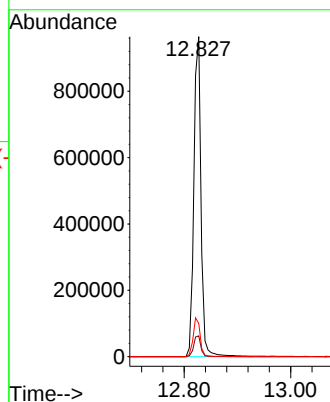
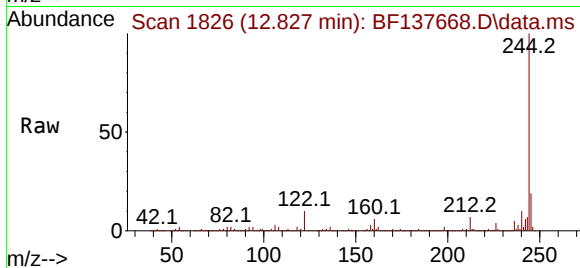
Tgt Ion:244 Resp: 902136

Ion Ratio Lower Upper

244 100

212 6.5 5.4 8.2

122 10.4 9.1 13.7



#85

Di-n-octyl phthalate

Concen: 5.645 ng

RT: 14.474 min Scan# 2106

Delta R.T. -0.000 min

Lab File: BF137668.D

Acq: 21 Mar 2024 18:56

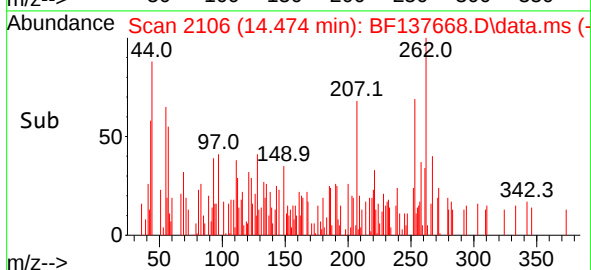
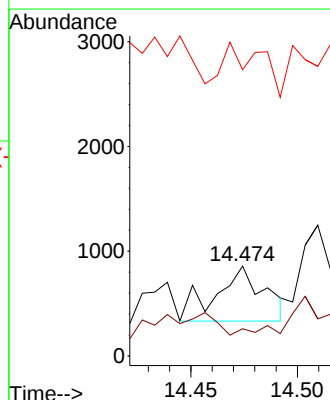
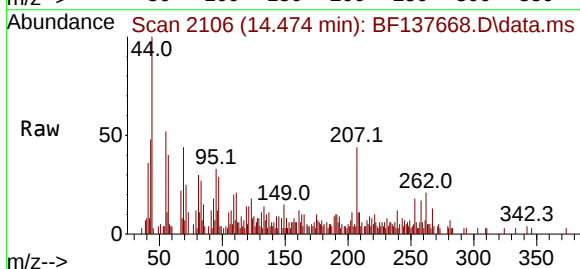
Tgt Ion:149 Resp: 832

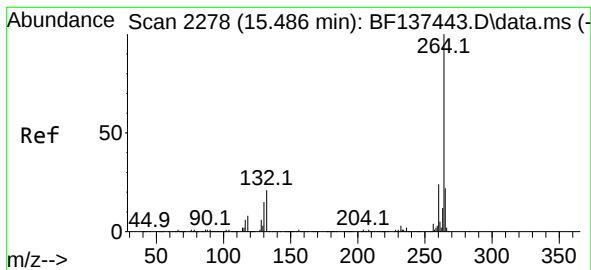
Ion Ratio Lower Upper

149 100

167 0.0 1.2 1.8#

43 70.3 9.6 14.4#





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.298 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BF137668.D
 Acq: 21 Mar 2024 18:56

Instrument :
 BNA_F
 ClientSampleId :
 TP-6

Tgt Ion:264 Resp: 297202
 Ion Ratio Lower Upper
 264 100
 260 24.3 19.3 28.9
 265 21.6 17.4 26.0

