

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032124\
 Data File : BF137667.D
 Acq On : 21 Mar 2024 18:26
 Operator : CG\JU
 Sample : P1817-03
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B-148-SB02

Quant Time: Mar 21 18:47:01 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)

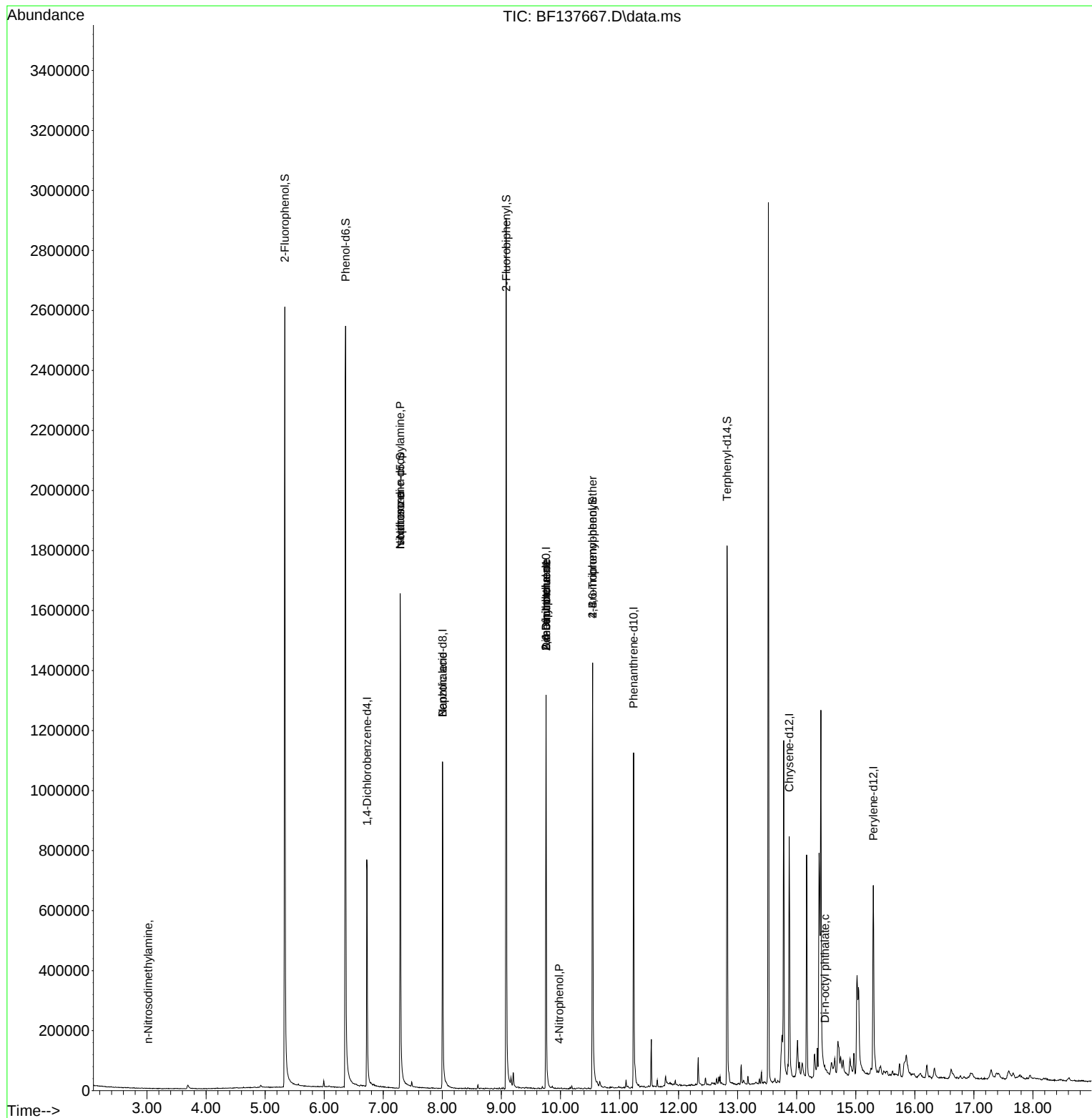
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.728	152	129740	20.000	ng	0.00
21) Naphthalene-d8	8.004	136	498190	20.000	ng	0.00
39) Acenaphthene-d10	9.757	164	260943	20.000	ng	0.00
64) Phenanthrene-d10	11.239	188	395725	20.000	ng	0.00
76) Chrysene-d12	13.874	240	281875	20.000	ng	0.00
86) Perylene-d12	15.298	264	298522	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.334	112	772929	90.229	ng	0.00
7) Phenol-d6	6.363	99	1011974	81.840	ng	0.00
23) Nitrobenzene-d5	7.286	82	603110	56.250	ng	-0.01
42) 2,4,6-Tribromophenol	10.545	330	185071	80.763	ng	0.00
45) 2-Fluorobiphenyl	9.080	172	904756	54.275	ng	0.00
79) Terphenyl-d14	12.821	244	630170	30.742	ng	0.00
Target Compounds						
						Qvalue
4) n-Nitrosodimethylamine	3.022	42	235	3.856	ng	# 1
19) n-Nitroso-di-n-propyla...	7.286	70	75429	9.878	ng	# 78
25) Isophorone	7.286	82	603110	29.608	ng	# 69
32) Benzoic acid	8.004	122	90	6.316	ng	# 1
50) Dimethylphthalate	9.757	163	38762	2.134	ng	# 1
51) 2,6-Dinitrotoluene	9.757	165	34150	8.988	ng	# 20
56) 4-Nitrophenol	9.980	139	139	4.572	ng	# 5
57) 2,4-Dinitrotoluene	9.757	165	34290	7.346	ng	# 21
67) 4-Bromophenyl-phenylether	10.545	248	11995	2.783	ng	# 1
85) Di-n-octyl phthalate	14.480	149	294	5.622	ng	# 54

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032124\
Data File : BF137667.D
Acq On : 21 Mar 2024 18:26
Operator : CG\JU
Sample : P1817-03
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
B-148-SB02

Quant Time: Mar 21 18:47:01 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

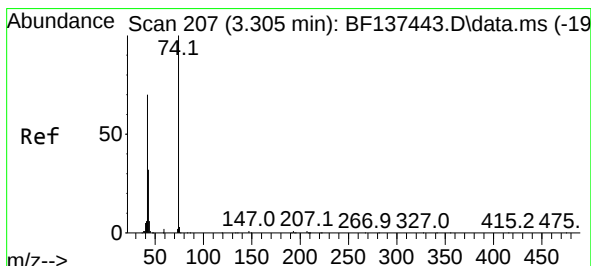
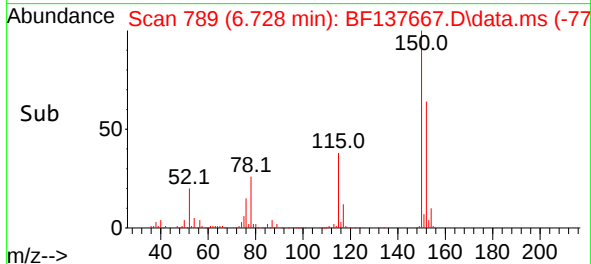
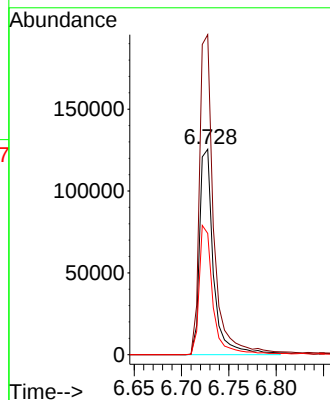
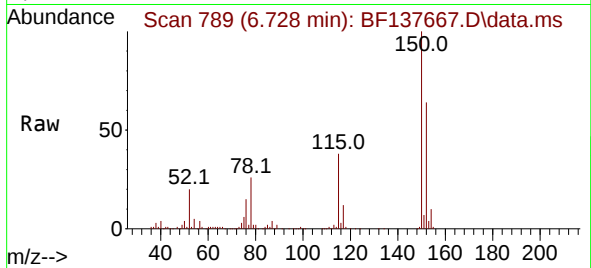




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.728 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF137667.D
Acq: 21 Mar 2024 18:26

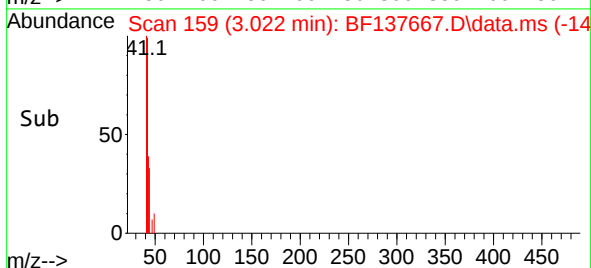
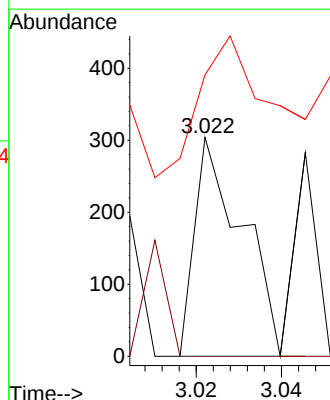
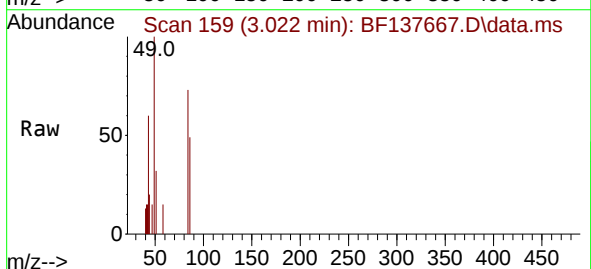
Instrument :
BNA_F
ClientSampleId :
B-148-SB02

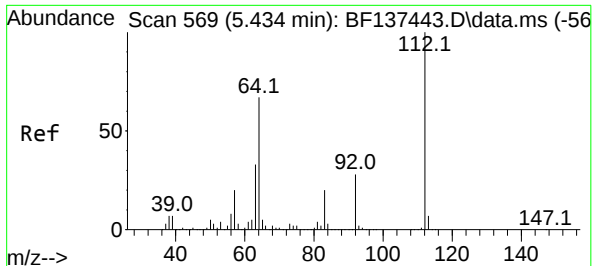
Tgt Ion:152 Resp: 129740
Ion Ratio Lower Upper
152 100
150 155.7 125.8 188.6
115 59.0 48.8 73.2



#4
n-Nitrosodimethylamine
Concen: 3.856 ng
RT: 3.022 min Scan# 159
Delta R.T. -0.018 min
Lab File: BF137667.D
Acq: 21 Mar 2024 18:26

Tgt Ion: 42 Resp: 235
Ion Ratio Lower Upper
42 100
74 0.0 114.0 171.0#
44 128.6 7.0 10.4#

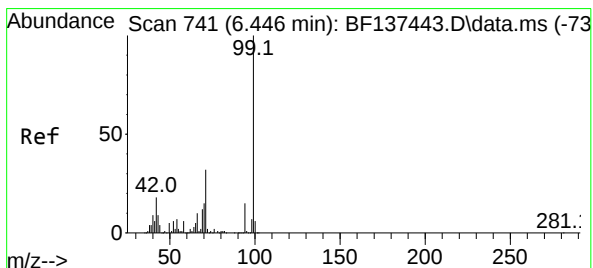
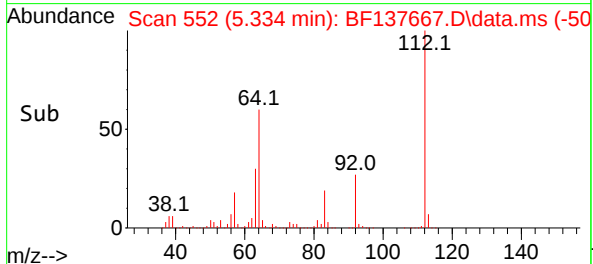
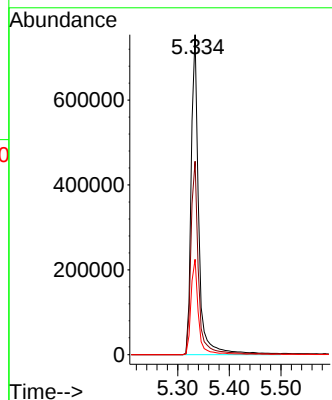
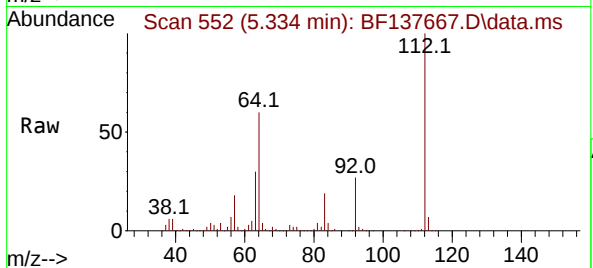




#5
2-Fluorophenol
Concen: 90.229 ng
RT: 5.334 min Scan# 51
Delta R.T. -0.000 min
Lab File: BF137667.D
Acq: 21 Mar 2024 18:26

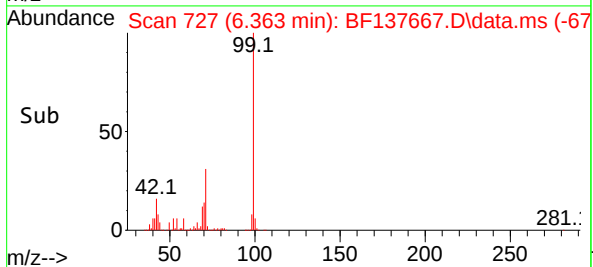
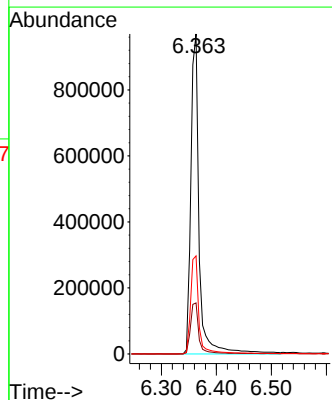
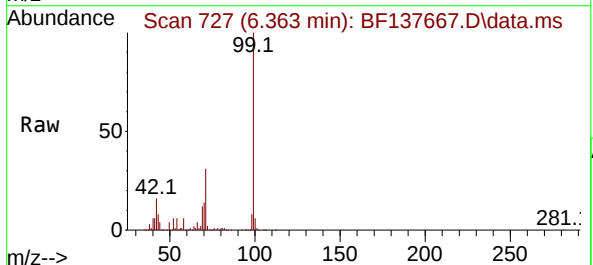
Instrument :
BNA_F
ClientSampleId :
B-148-SB02

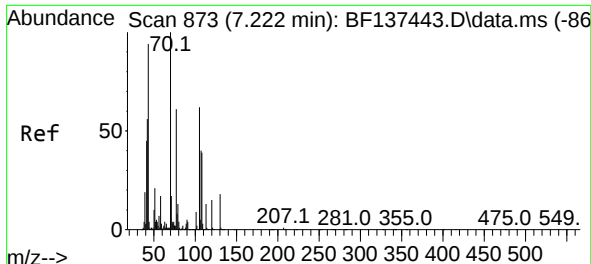
Tgt Ion:112 Resp: 772929
Ion Ratio Lower Upper
112 100
64 60.5 53.4 80.2
63 29.8 26.2 39.2



#7
Phenol-d6
Concen: 81.840 ng
RT: 6.363 min Scan# 727
Delta R.T. -0.006 min
Lab File: BF137667.D
Acq: 21 Mar 2024 18:26

Tgt Ion: 99 Resp: 1011974
Ion Ratio Lower Upper
99 100
42 16.0 14.6 21.8
71 30.6 25.3 37.9

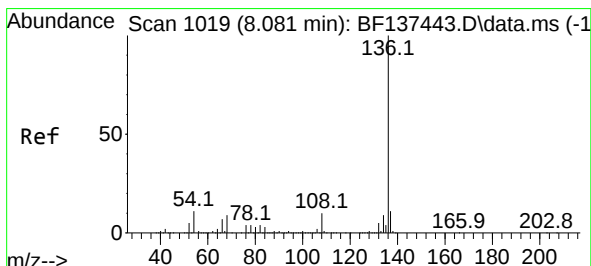
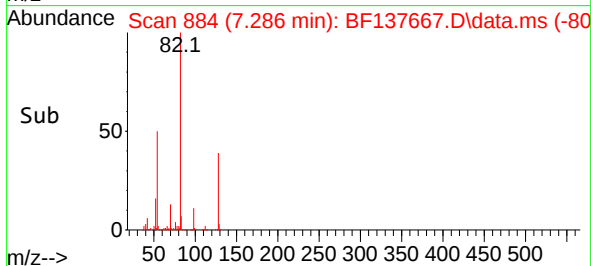
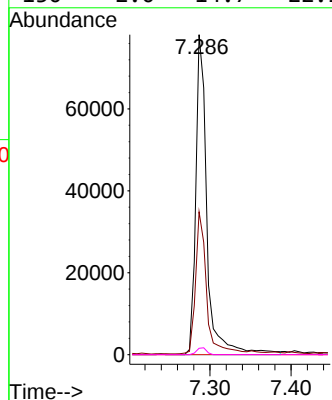
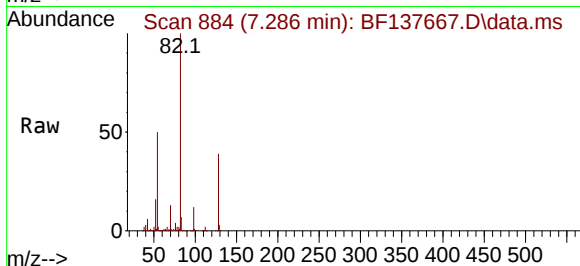




#19
n-Nitroso-di-n-propylamine
Concen: 9.878 ng
RT: 7.286 min Scan# 81
Delta R.T. 0.141 min
Lab File: BF137667.D
Acq: 21 Mar 2024 18:26

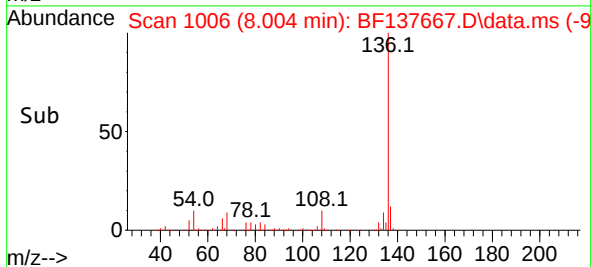
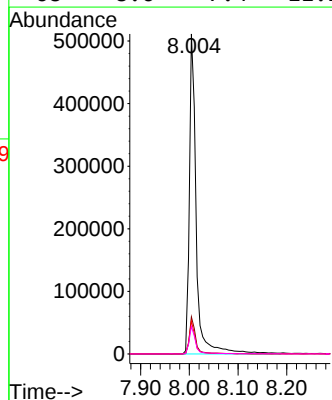
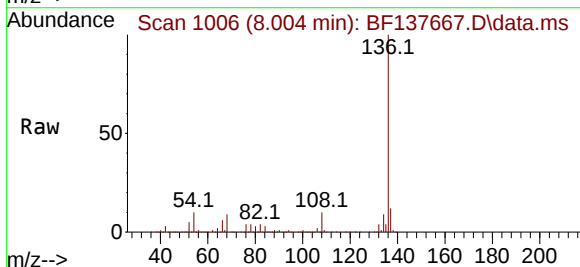
Instrument :
BNA_F
ClientSampleId :
B-148-SB02

Tgt Ion:	70	Resp:	75429
Ion	Ratio	Lower	Upper
70	100		
42	44.6	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: 8.004 min Scan# 1006
Delta R.T. -0.006 min
Lab File: BF137667.D
Acq: 21 Mar 2024 18:26

Tgt Ion:	136	Resp:	498190
Ion	Ratio	Lower	Upper
136	100		
137	11.6	9.1	13.7
54	10.3	8.5	12.7
68	8.6	7.4	11.2





#23

Nitrobenzene-d5

Concen: 56.250 ng

RT: 7.286 min Scan# 884

Delta R.T. -0.012 min

Lab File: BF137667.D

Acq: 21 Mar 2024 18:26

Instrument :

BNA_F

ClientSampleId :

B-148-SB02

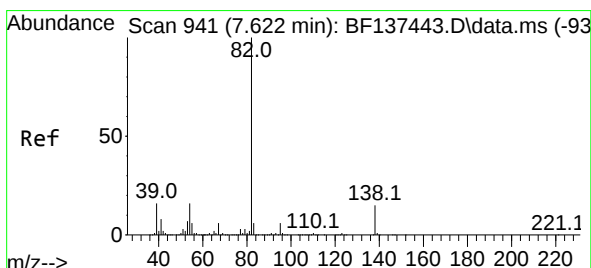
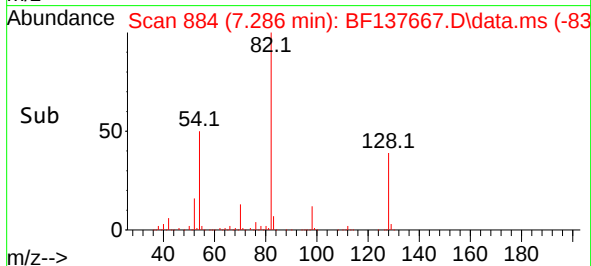
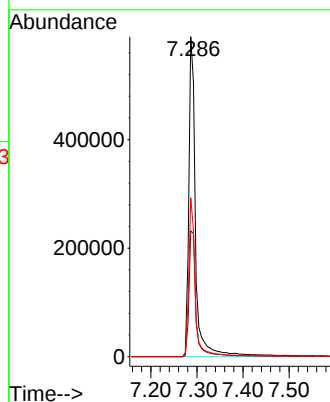
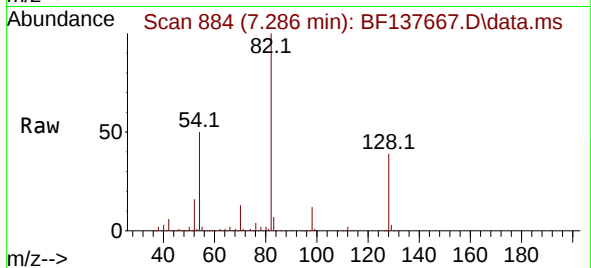
Tgt Ion: 82 Resp: 603110

Ion Ratio Lower Upper

82 100

128 39.3 32.5 48.7

54 49.7 41.5 62.3



#25

Isophorone

Concen: 29.608 ng

RT: 7.286 min Scan# 884

Delta R.T. -0.265 min

Lab File: BF137667.D

Acq: 21 Mar 2024 18:26

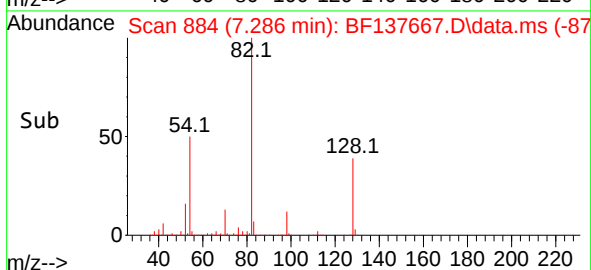
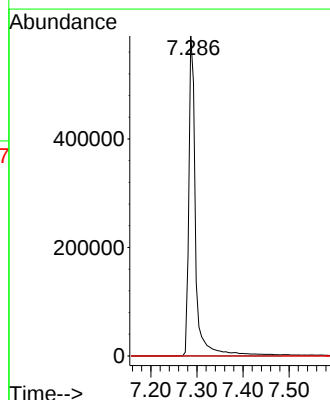
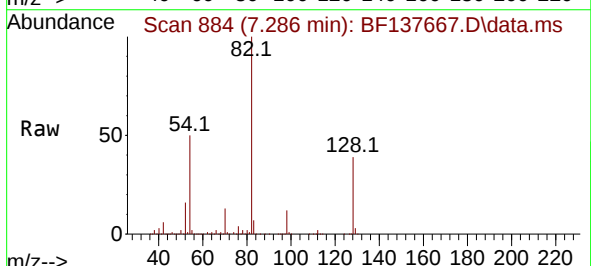
Tgt Ion: 82 Resp: 603110

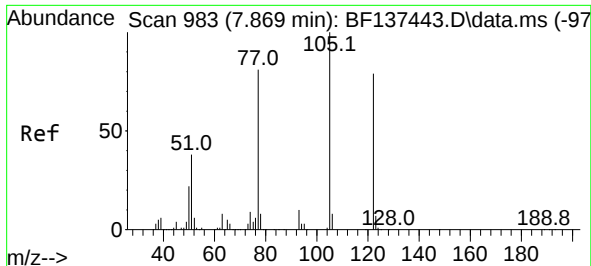
Ion Ratio Lower Upper

82 100

95 0.0 5.1 7.7#

138 0.0 11.8 17.8#

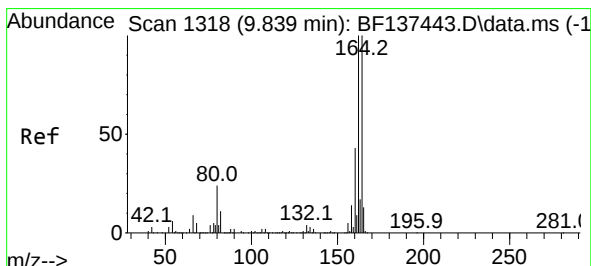
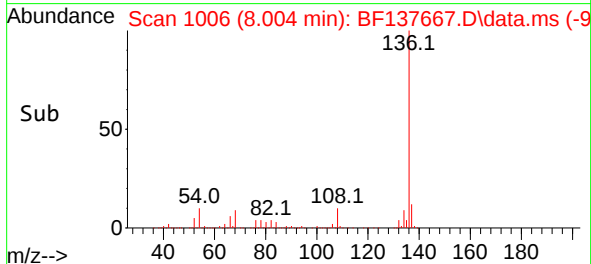
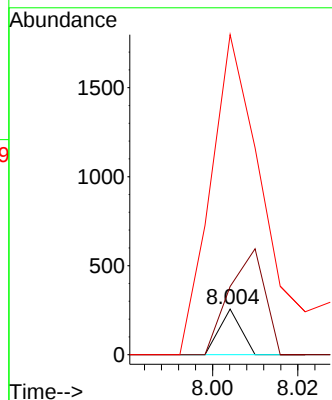
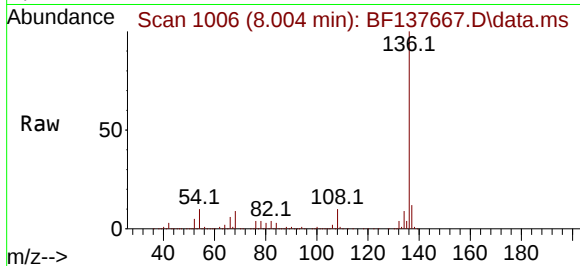




#32
Benzoic acid
Concen: 6.316 ng
RT: 8.004 min Scan# 1006
Delta R.T. 0.206 min
Lab File: BF137667.D
Acq: 21 Mar 2024 18:26

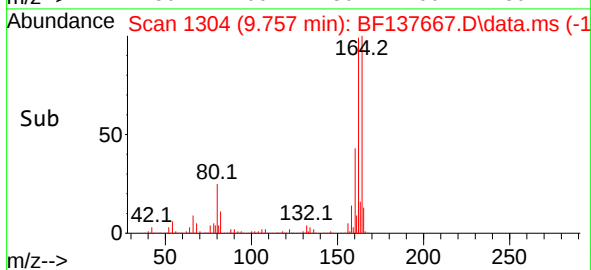
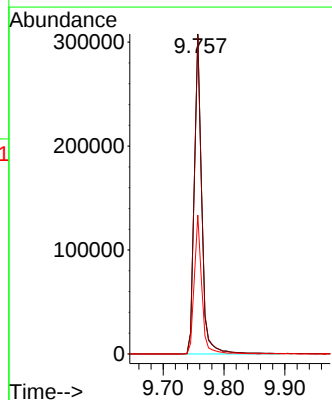
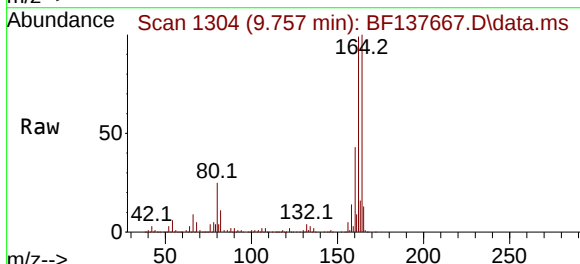
Instrument :
BNA_F
ClientSampleId :
B-148-SB02

Tgt Ion:122 Resp: 90
Ion Ratio Lower Upper
122 100
105 149.6 102.4 142.4#
77 702.3 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: BF137667.D
Acq: 21 Mar 2024 18:26

Tgt Ion:164 Resp: 260943
Ion Ratio Lower Upper
164 100
162 99.5 79.8 119.8
160 43.4 34.4 51.6





#42

2,4,6-Tribromophenol

Concen: 80.763 ng

RT: 10.545 min Scan# 1453

Delta R.T. -0.006 min

Lab File: BF137667.D

Acq: 21 Mar 2024 18:26

Instrument :

BNA_F

ClientSampleId :

B-148-SB02

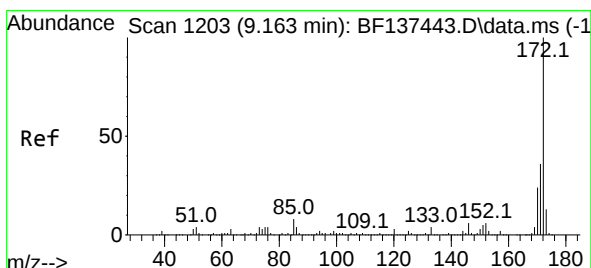
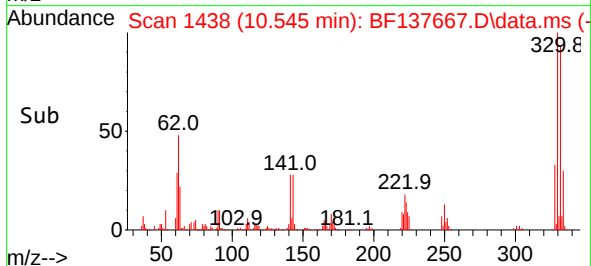
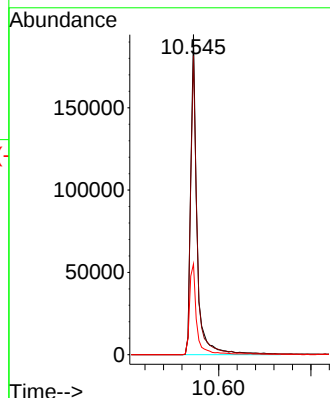
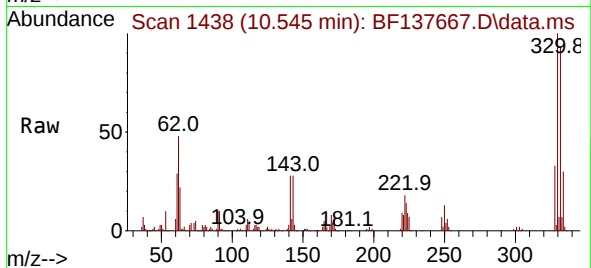
Tgt Ion:330 Resp: 185071

Ion Ratio Lower Upper

330 100

332 95.8 78.0 117.0

141 31.6 27.3 40.9



#45

2-Fluorobiphenyl

Concen: 54.275 ng

RT: 9.080 min Scan# 1189

Delta R.T. -0.006 min

Lab File: BF137667.D

Acq: 21 Mar 2024 18:26

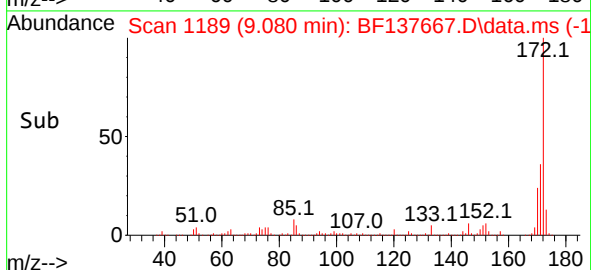
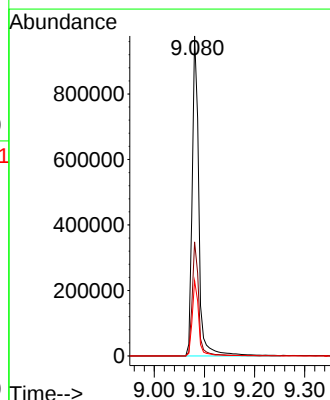
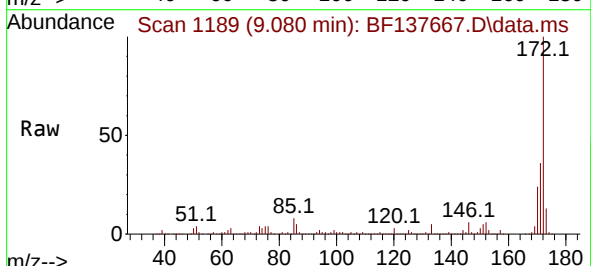
Tgt Ion:172 Resp: 904756

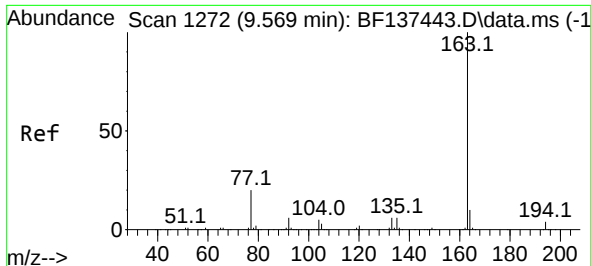
Ion Ratio Lower Upper

172 100

171 35.6 28.5 42.7

170 23.5 19.0 28.6

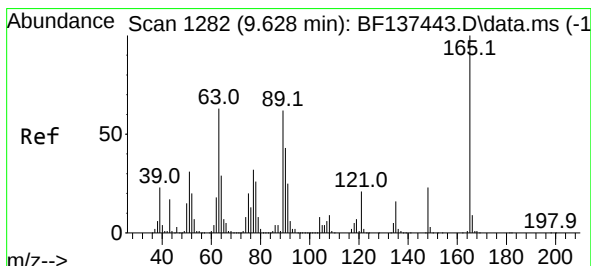
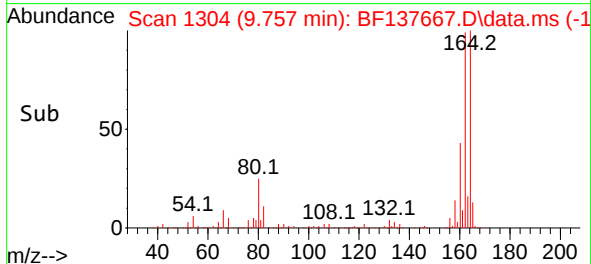
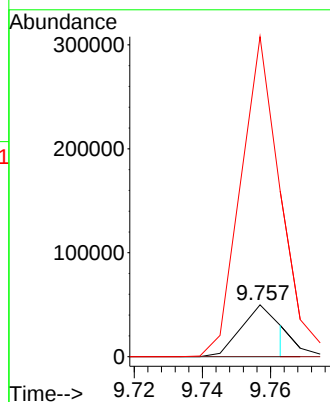
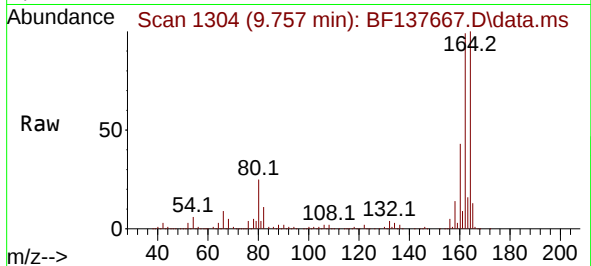




#50
Dimethylphthalate
Concen: 2.134 ng
RT: 9.757 min Scan# 11
Delta R.T. 0.265 min
Lab File: BF137667.D
Acq: 21 Mar 2024 18:26

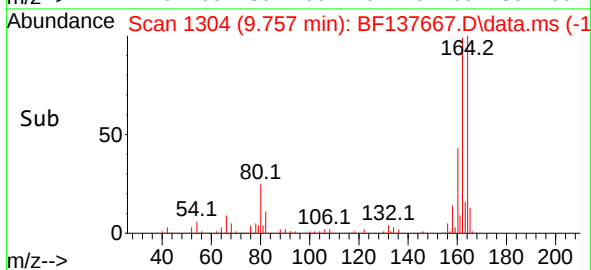
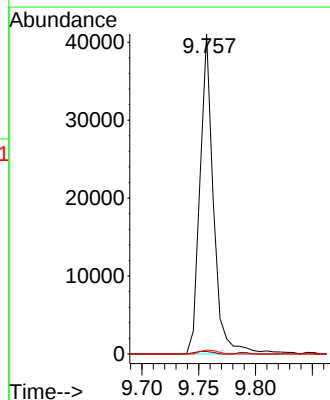
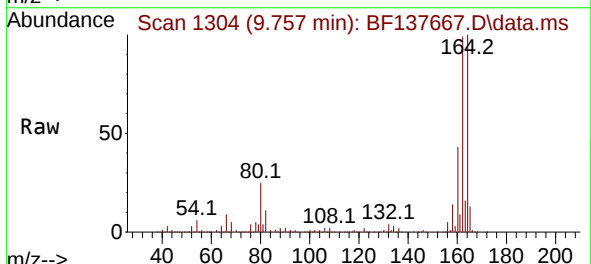
Instrument :
BNA_F
ClientSampleId :
B-148-SB02

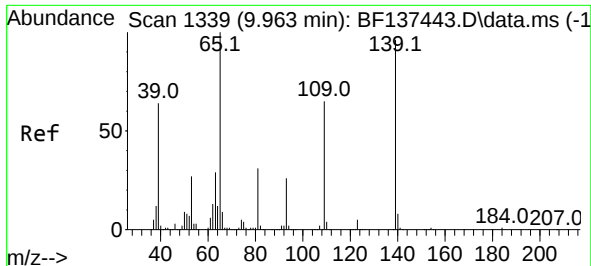
Tgt Ion:163 Resp: 38762
Ion Ratio Lower Upper
163 100
194 0.0 3.3 4.9#
164 617.7 8.1 12.1#



#51
2,6-Dinitrotoluene
Concen: 8.988 ng
RT: 9.757 min Scan# 1304
Delta R.T. 0.206 min
Lab File: BF137667.D
Acq: 21 Mar 2024 18:26

Tgt Ion:165 Resp: 34150
Ion Ratio Lower Upper
165 100
63 0.7 50.7 76.1#
89 1.2 50.0 75.0#

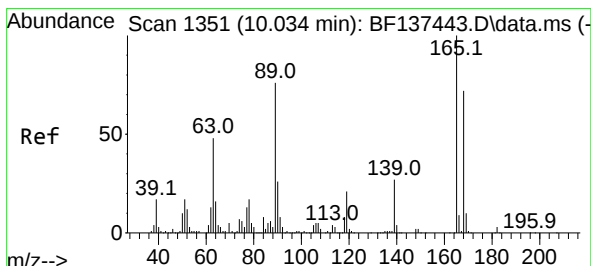
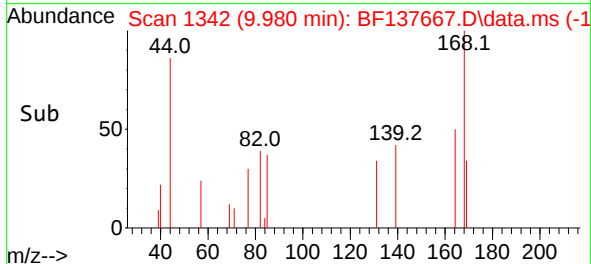
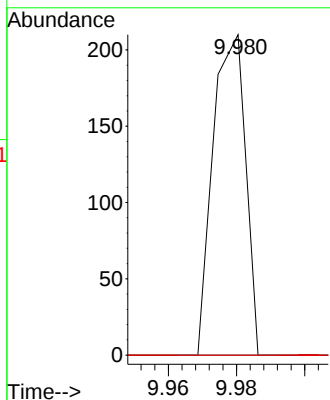
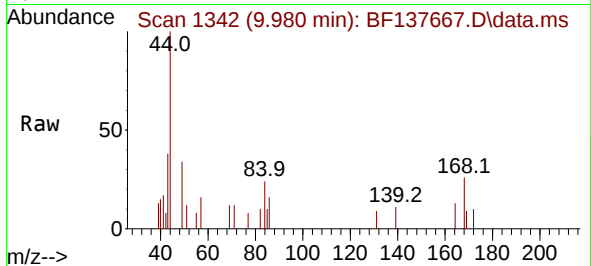




#56
4-Nitrophenol
Concen: 4.572 ng
RT: 9.980 min Scan# 11
Delta R.T. 0.094 min
Lab File: BF137667.D
Acq: 21 Mar 2024 18:26

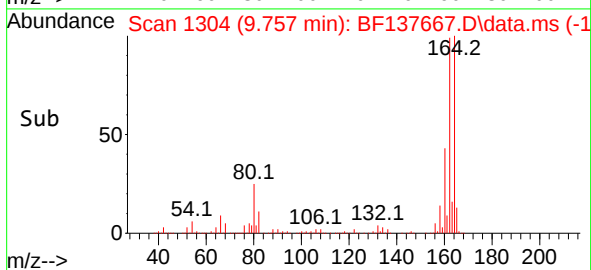
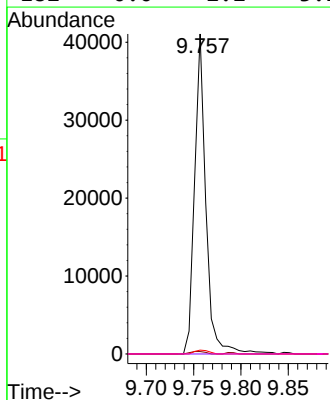
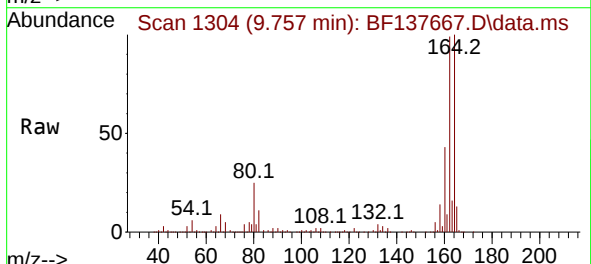
Instrument :
BNA_F
ClientSampleId :
B-148-SB02

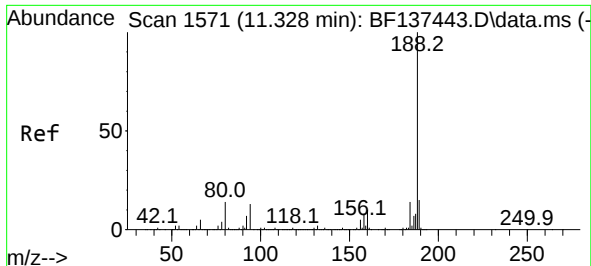
Tgt Ion:139 Resp: 139
Ion Ratio Lower Upper
139 100
109 0.0 47.1 87.1#
65 0.0 85.1 125.1#



#57
2,4-Dinitrotoluene
Concen: 7.346 ng
RT: 9.757 min Scan# 1304
Delta R.T. -0.200 min
Lab File: BF137667.D
Acq: 21 Mar 2024 18:26

Tgt Ion:165 Resp: 34290
Ion Ratio Lower Upper
165 100
63 0.7 39.0 58.6#
89 1.2 60.9 91.3#
182 0.0 2.2 3.2#

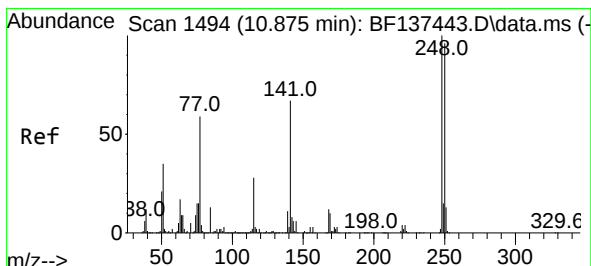
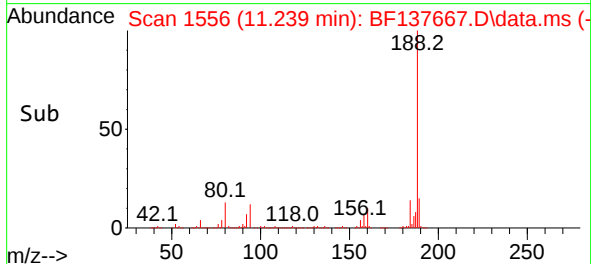
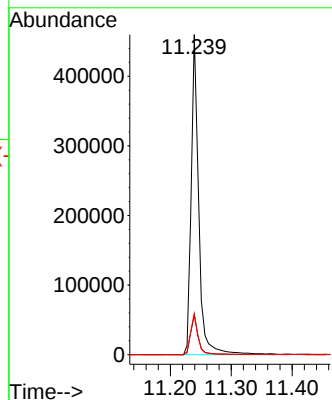
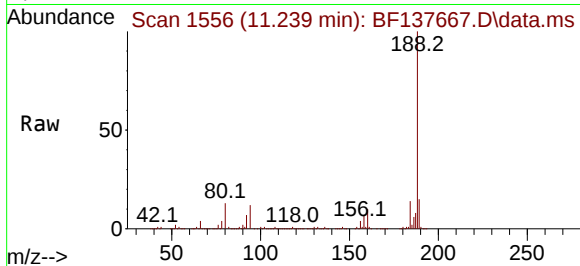




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.239 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF137667.D
Acq: 21 Mar 2024 18:26

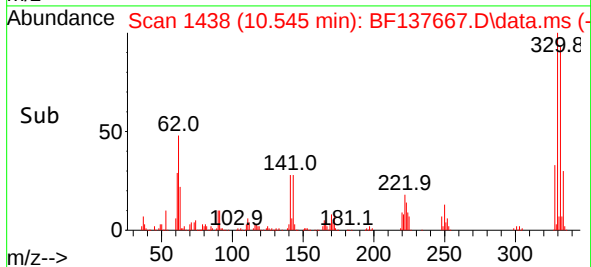
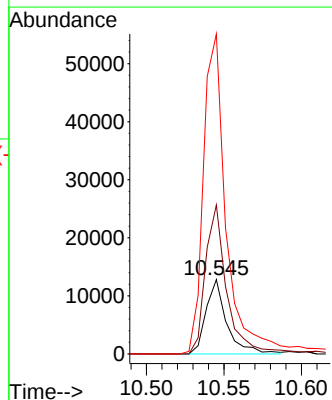
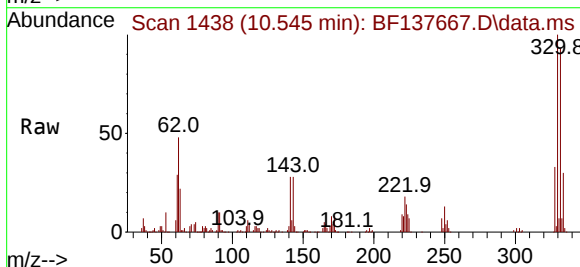
Instrument :
BNA_F
ClientSampleId :
B-148-SB02

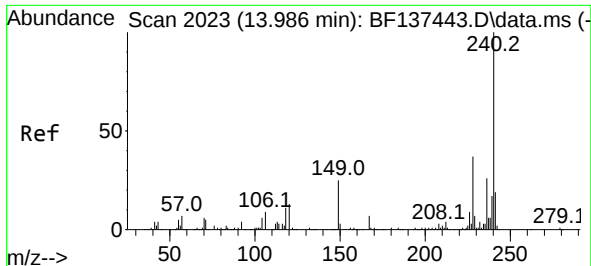
Tgt Ion:188 Resp: 395725
Ion Ratio Lower Upper
188 100
94 12.3 10.6 15.8
80 12.9 11.5 17.3



#67
4-Bromophenyl-phenylether
Concen: 2.783 ng
RT: 10.545 min Scan# 1438
Delta R.T. -0.247 min
Lab File: BF137667.D
Acq: 21 Mar 2024 18:26

Tgt Ion:248 Resp: 11995
Ion Ratio Lower Upper
248 100
250 199.9 76.8 115.2#
141 429.7 53.4 80.0#

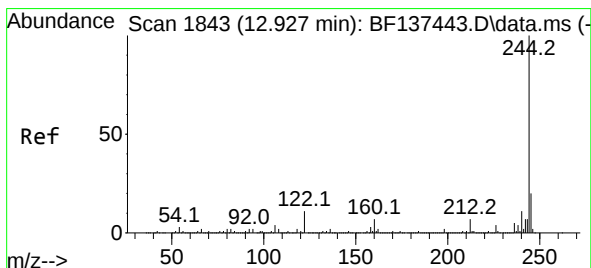
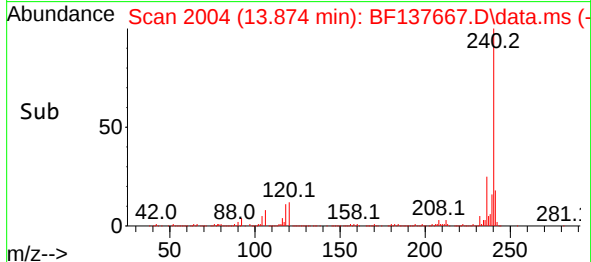
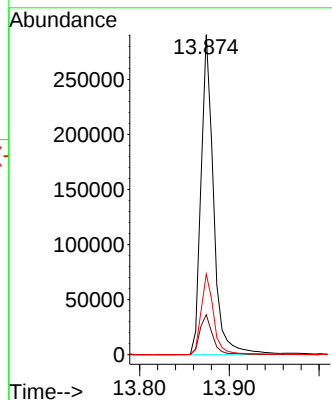
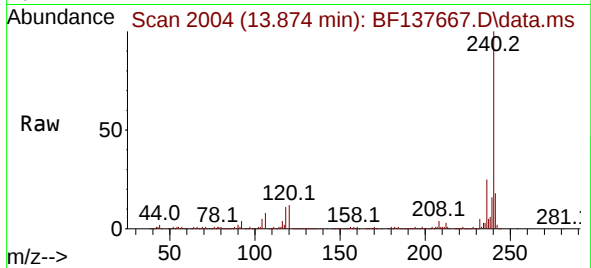




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.874 min Scan# 20
Delta R.T. -0.000 min
Lab File: BF137667.D
Acq: 21 Mar 2024 18:26

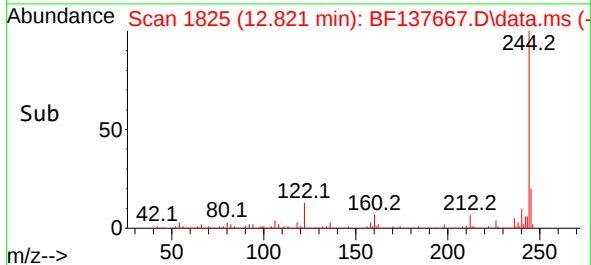
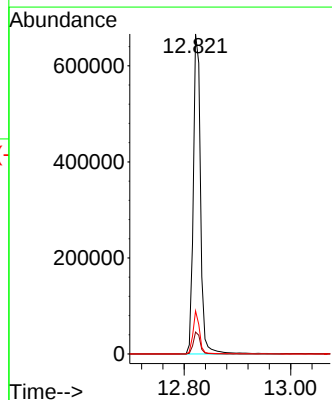
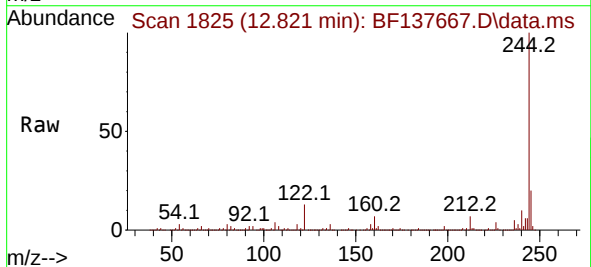
Instrument :
BNA_F
ClientSampleId :
B-148-SB02

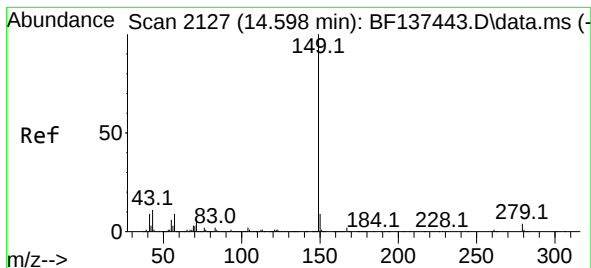
Tgt Ion:240 Resp: 281875
Ion Ratio Lower Upper
240 100
120 12.5 10.4 15.6
236 25.2 20.9 31.3



#79
Terphenyl-d14
Concen: 30.742 ng
RT: 12.821 min Scan# 1825
Delta R.T. -0.006 min
Lab File: BF137667.D
Acq: 21 Mar 2024 18:26

Tgt Ion:244 Resp: 630170
Ion Ratio Lower Upper
244 100
212 6.9 5.4 8.2
122 13.4 9.1 13.7





#85

Di-n-octyl phthalate

Concen: 5.622 ng

RT: 14.480 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF137667.D

Acq: 21 Mar 2024 18:26

Instrument :

BNA_F

ClientSampleId :

B-148-SB02

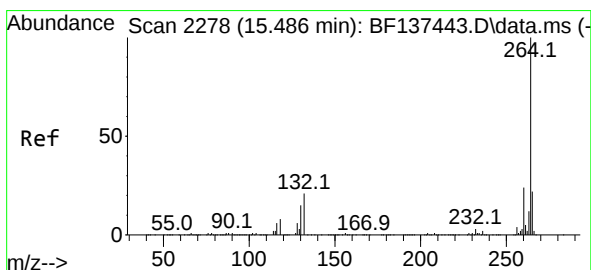
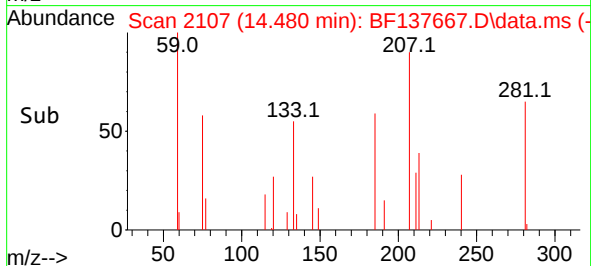
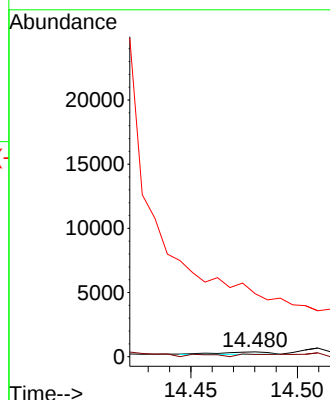
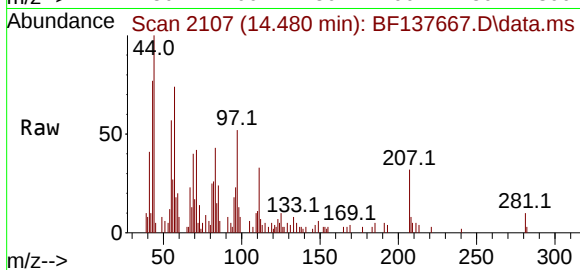
Tgt Ion:149 Resp: 294

Ion Ratio Lower Upper

149 100

167 66.7 1.2 1.8#

43 0.0 9.6 14.4#



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.298 min Scan# 2246

Delta R.T. -0.000 min

Lab File: BF137667.D

Acq: 21 Mar 2024 18:26

Tgt Ion:264 Resp: 298522

Ion Ratio Lower Upper

264 100

260 23.9 19.3 28.9

265 21.2 17.4 26.0

