

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030824\
 Data File : BF137549.D
 Acq On : 08 Mar 2024 18:10
 Operator : CG\JU
 Sample : P1701-01 5X
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RCA-1-COMP

Quant Time: Mar 08 22:19:13 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 08 22:10:14 2024
 Response via : Initial Calibration

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

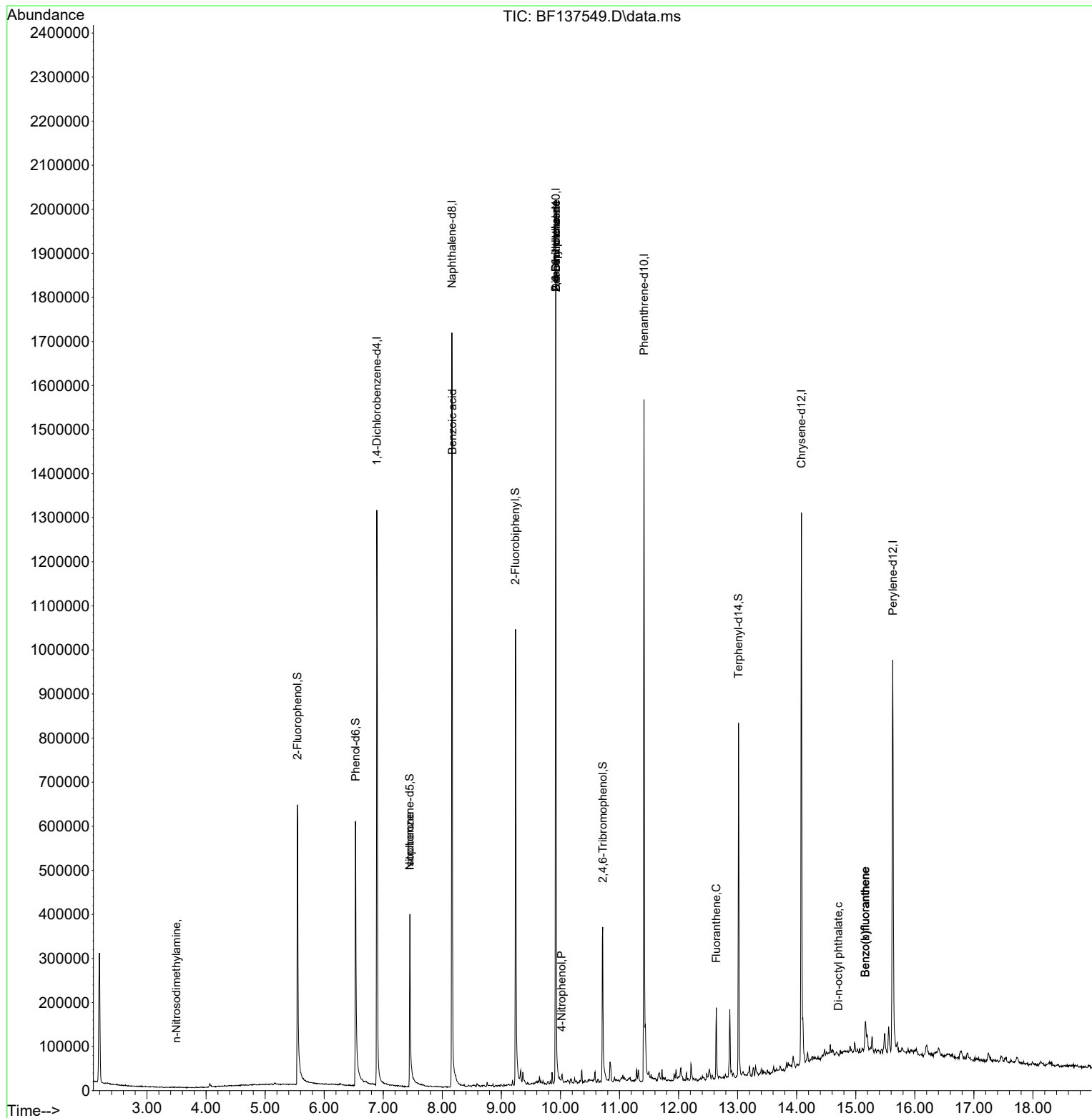
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.892	152	201211	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	769027	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	388804	20.000	ng	0.00
64) Phenanthrene-d10	11.416	188	561795	20.000	ng	0.00
76) Chrysene-d12	14.080	240	411641	20.000	ng	0.00
86) Perylene-d12	15.627	264	437032	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.545	112	232572	17.506	ng	0.00
7) Phenol-d6	6.534	99	314367	16.393	ng	0.00
23) Nitrobenzene-d5	7.451	82	179942	10.872	ng	0.00
42) 2,4,6-Tribromophenol	10.716	330	47093	13.793	ng	0.00
45) 2-Fluorobiphenyl	9.239	172	363533	14.636	ng	0.00
79) Terphenyl-d14	13.016	244	269664	9.008	ng	0.00
Target Compounds						
					Qvalue	
4) n-Nitrosodimethylamine	3.499	42	69	3.817	ng	# 1
25) Isophorone	7.451	82	179942	5.723	ng	# 69
32) Benzoic acid	8.169	122	144	6.316	ng	# 1
50) Dimethylphthalate	9.922	163	62571	2.312	ng	# 1
51) 2,6-Dinitrotoluene	9.922	165	51315	9.065	ng	# 21
56) 4-Nitrophenol	10.022	139	65	4.541	ng	# 31
57) 2,4-Dinitrotoluene	9.922	165	51667	7.429	ng	# 21
75) Fluoranthene	12.639	202	66222	2.216	ng	98
85) Di-n-octyl phthalate	14.704	149	352	5.619	ng	# 1
88) Benzo(b)fluoranthene	15.162	252	55772	2.157	ng	# 94
89) Benzo(k)fluoranthene	15.162	252	55772	2.009	ng	# 93

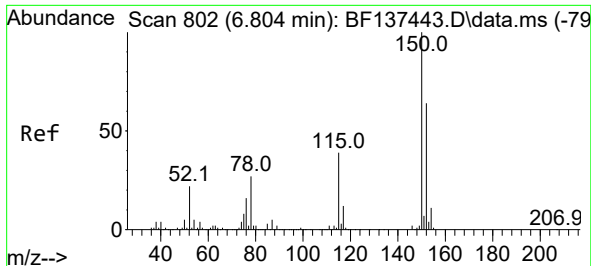
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030824\
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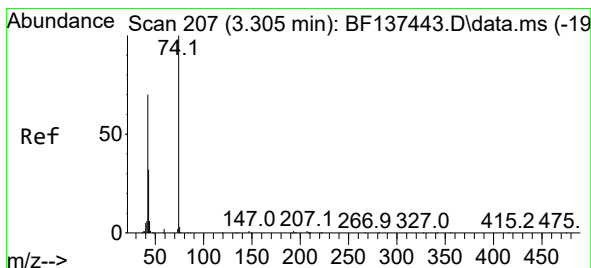
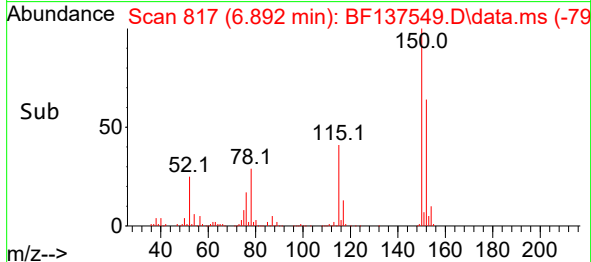
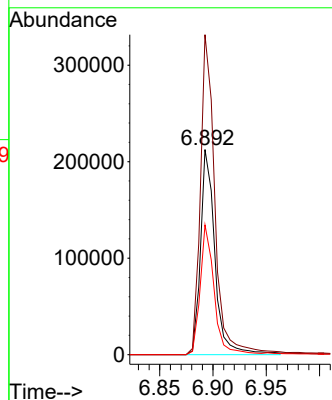
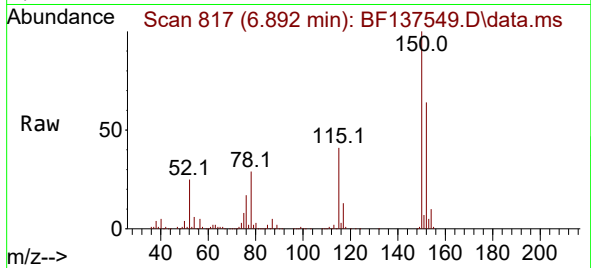




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.892 min Scan# 81
Delta R.T. 0.005 min
Lab File: BF137549.D
Acq: 08 Mar 2024 18:10

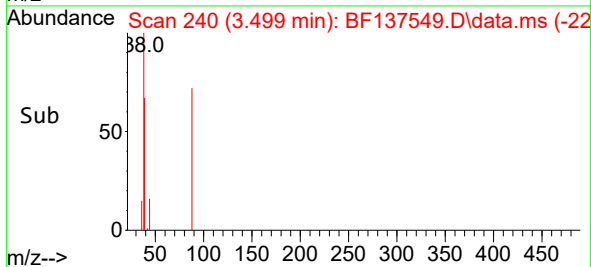
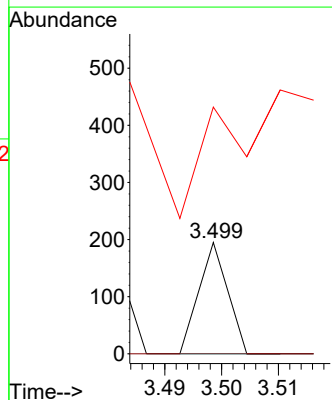
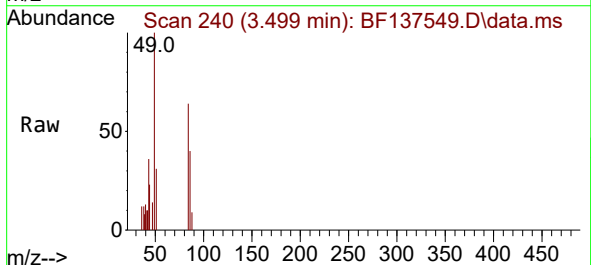
Instrument :
BNA_F
ClientSampleId :
RCA-1-COMP

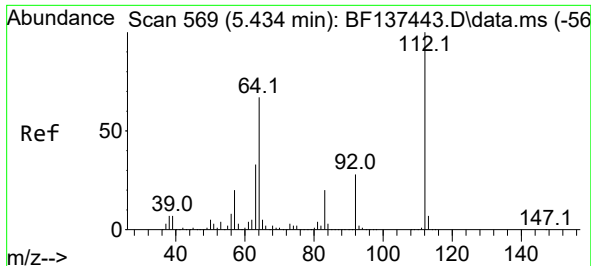
Tgt Ion:152 Resp: 201211
Ion Ratio Lower Upper
152 100
150 156.1 125.8 188.6
115 63.3 48.8 73.2



#4
n-Nitrosodimethylamine
Concen: 3.817 ng
RT: 3.499 min Scan# 240
Delta R.T. -0.018 min
Lab File: BF137549.D
Acq: 08 Mar 2024 18:10

Tgt Ion: 42 Resp: 69
Ion Ratio Lower Upper
42 100
74 0.0 114.0 171.0#
44 221.5 7.0 10.4#

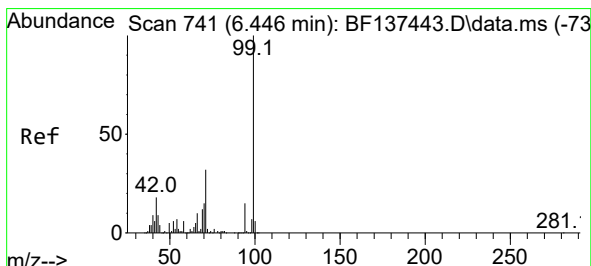
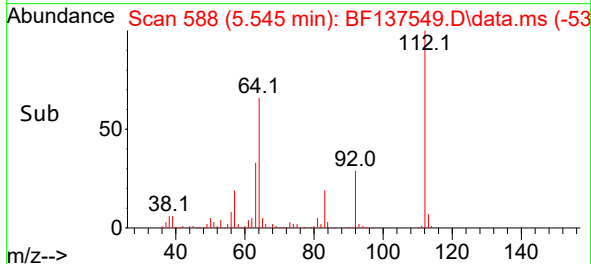
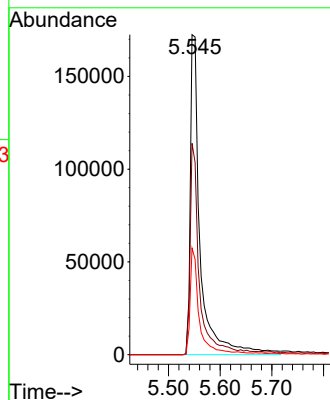
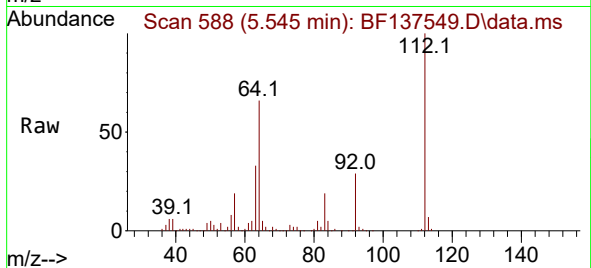




#5
2-Fluorophenol
Concen: 17.506 ng
RT: 5.545 min Scan# 51
Delta R.T. 0.000 min
Lab File: BF137549.D
Acq: 08 Mar 2024 18:10

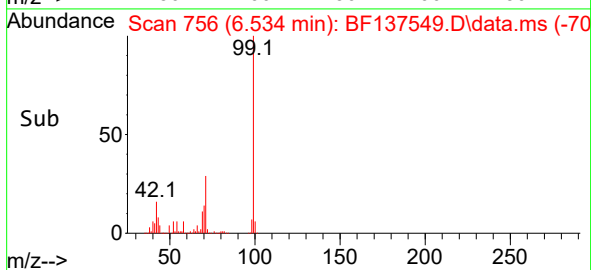
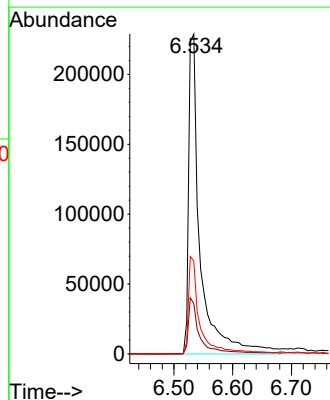
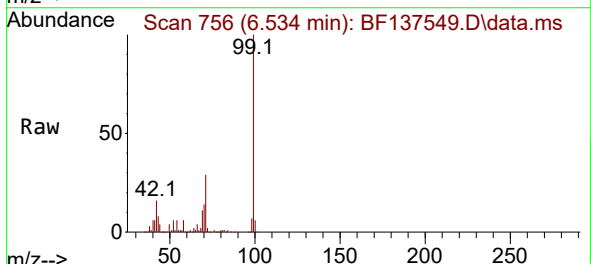
Instrument :
BNA_F
ClientSampleId :
RCA-1-COMP

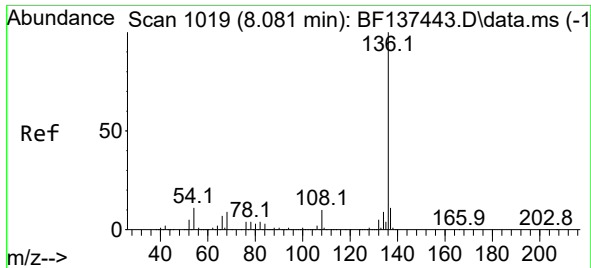
Tgt Ion:112 Resp: 232572
Ion Ratio Lower Upper
112 100
64 66.0 53.4 80.2
63 33.3 26.2 39.2



#7
Phenol-d6
Concen: 16.393 ng
RT: 6.534 min Scan# 756
Delta R.T. 0.000 min
Lab File: BF137549.D
Acq: 08 Mar 2024 18:10

Tgt Ion: 99 Resp: 314367
Ion Ratio Lower Upper
99 100
42 15.8 14.6 21.8
71 29.0 25.3 37.9

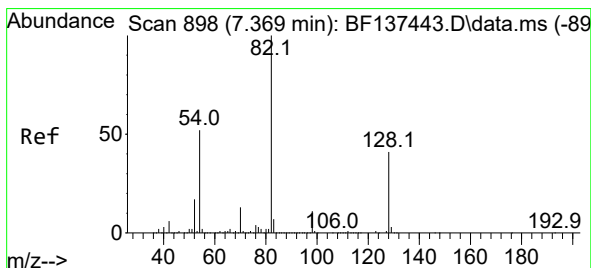
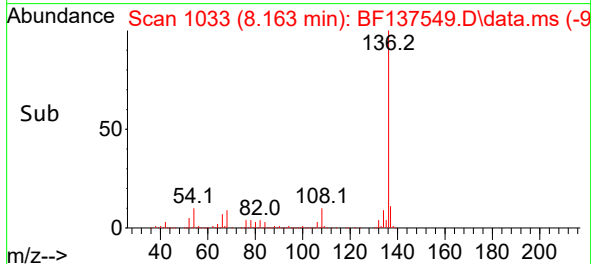
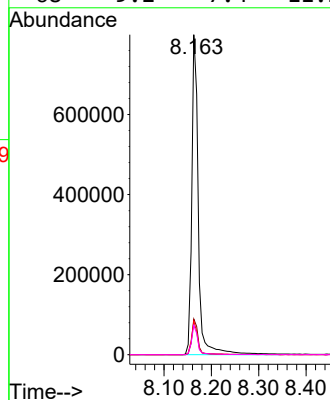
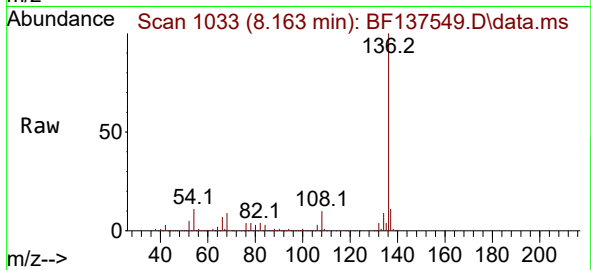




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.163 min Scan# 1019
Delta R.T. 0.006 min
Lab File: BF137549.D
Acq: 08 Mar 2024 18:10

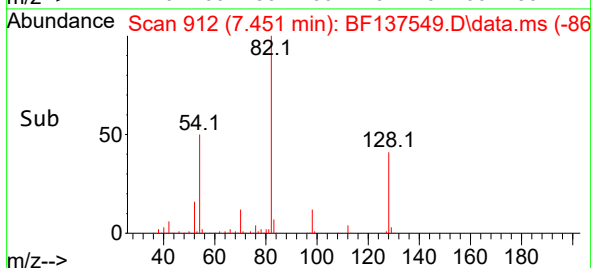
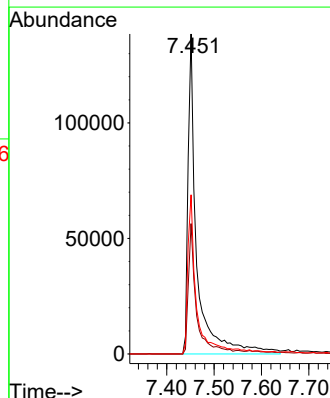
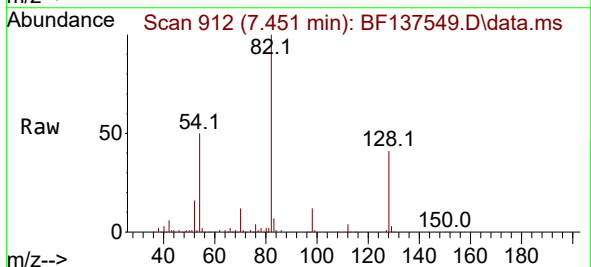
Instrument :
BNA_F
ClientSampleId :
RCA-1-COMP

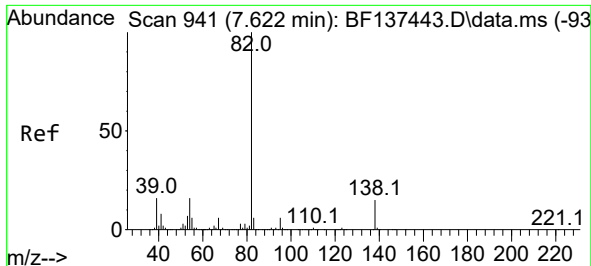
Tgt Ion:136 Resp: 769027
Ion Ratio Lower Upper
136 100
137 11.2 9.1 13.7
54 10.5 8.5 12.7
68 9.2 7.4 11.2



#23
Nitrobenzene-d5
Concen: 10.872 ng
RT: 7.451 min Scan# 912
Delta R.T. 0.000 min
Lab File: BF137549.D
Acq: 08 Mar 2024 18:10

Tgt Ion: 82 Resp: 179942
Ion Ratio Lower Upper
82 100
128 40.8 32.5 48.7
54 49.8 41.5 62.3

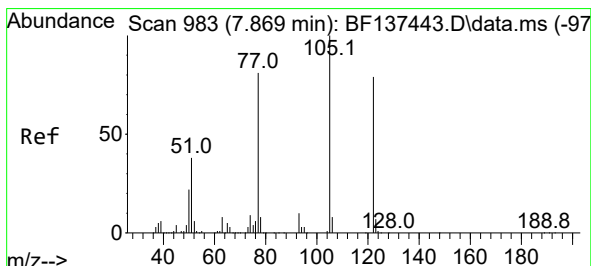
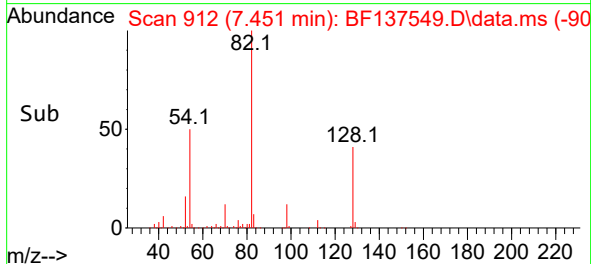
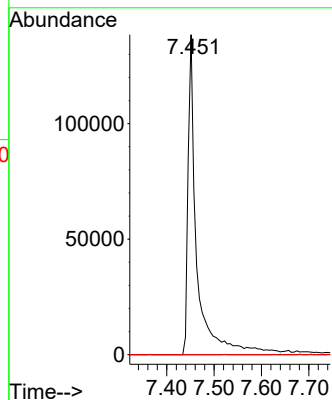
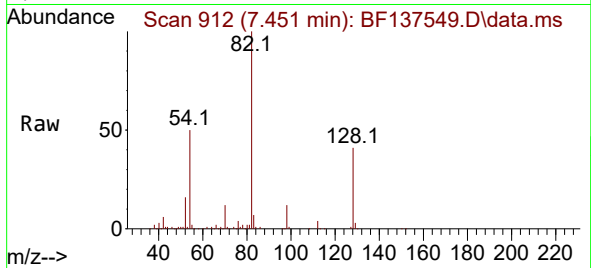




#25
Isophorone
Concen: 5.723 ng
RT: 7.451 min Scan# 91
Delta R.T. -0.253 min
Lab File: BF137549.D
Acq: 08 Mar 2024 18:10

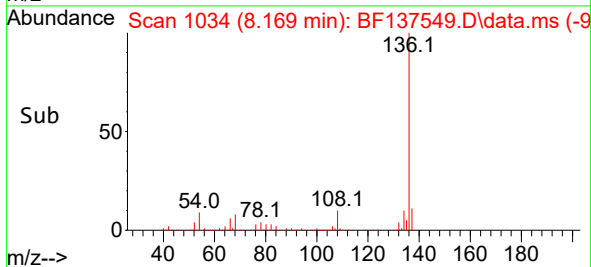
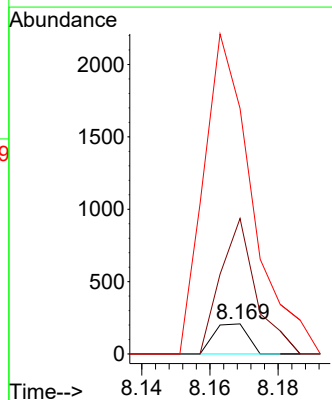
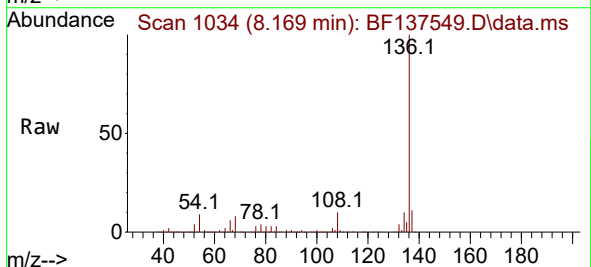
Instrument :
BNA_F
ClientSampleId :
RCA-1-COMP

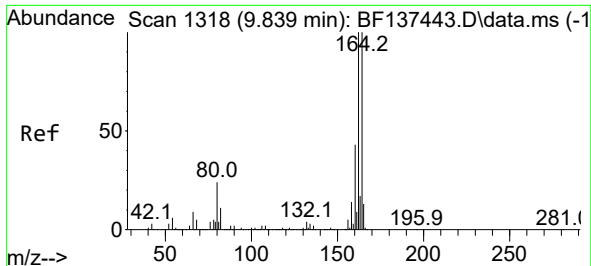
Tgt Ion: 82 Resp: 179942
Ion Ratio Lower Upper
82 100
95 0.0 5.1 7.7#
138 0.0 11.8 17.8#



#32
Benzoic acid
Concen: 6.316 ng
RT: 8.169 min Scan# 1034
Delta R.T. 0.212 min
Lab File: BF137549.D
Acq: 08 Mar 2024 18:10

Tgt Ion: 122 Resp: 144
Ion Ratio Lower Upper
122 100
105 450.5 102.4 142.4#
77 815.9 81.1 121.1#

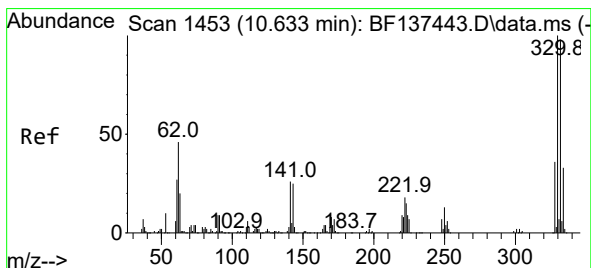
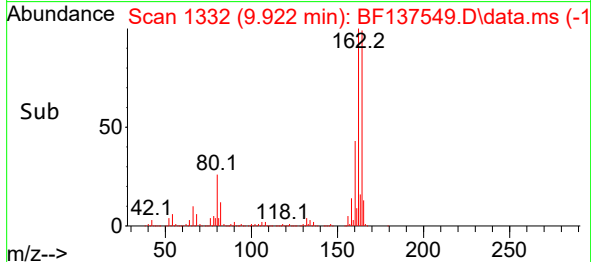
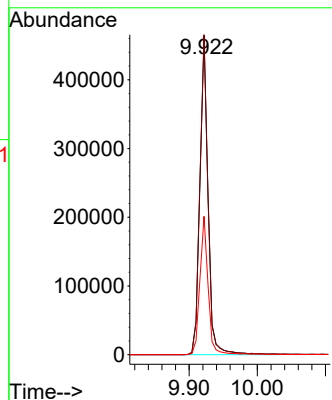
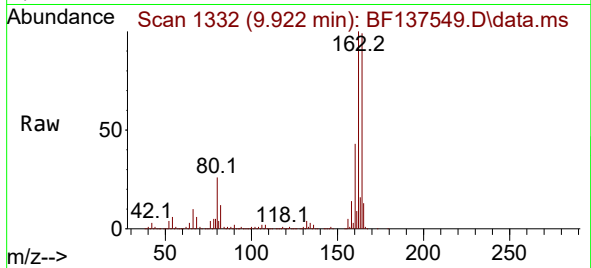




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.922 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF137549.D
Acq: 08 Mar 2024 18:10

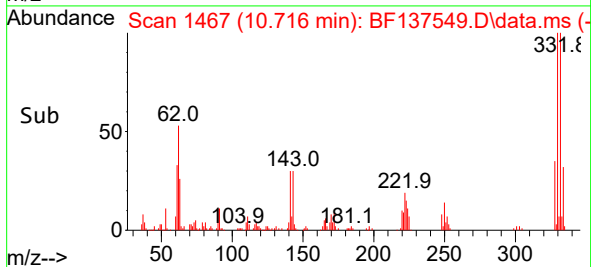
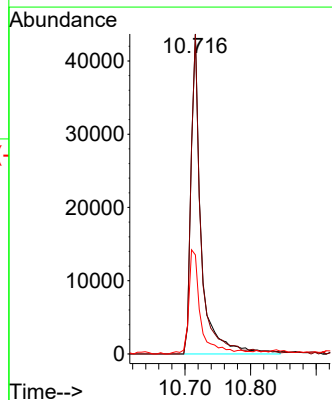
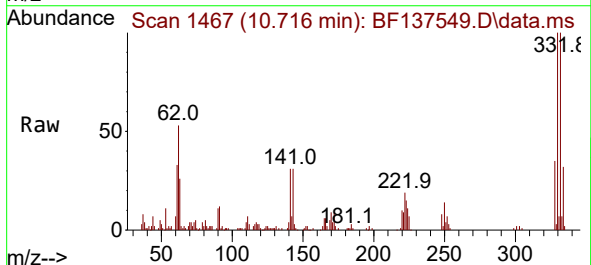
Instrument :
BNA_F
ClientSampleId :
RCA-1-COMP

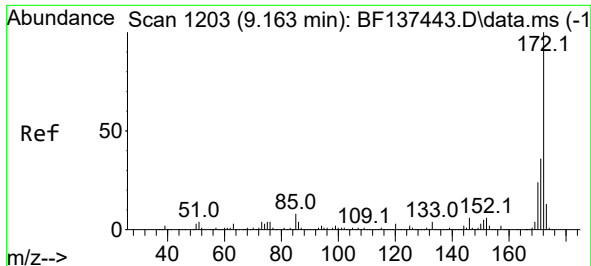
Tgt Ion:164 Resp: 388804
Ion Ratio Lower Upper
164 100
162 100.6 79.8 119.8
160 43.5 34.4 51.6



#42
2,4,6-Tribromophenol
Concen: 13.793 ng
RT: 10.716 min Scan# 1467
Delta R.T. 0.000 min
Lab File: BF137549.D
Acq: 08 Mar 2024 18:10

Tgt Ion:330 Resp: 47093
Ion Ratio Lower Upper
330 100
332 95.7 78.0 117.0
141 38.4 27.3 40.9





#45

2-Fluorobiphenyl

Concen: 14.636 ng

RT: 9.239 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF137549.D

Acq: 08 Mar 2024 18:10

Instrument :

BNA_F

ClientSampleId :

RCA-1-COMP

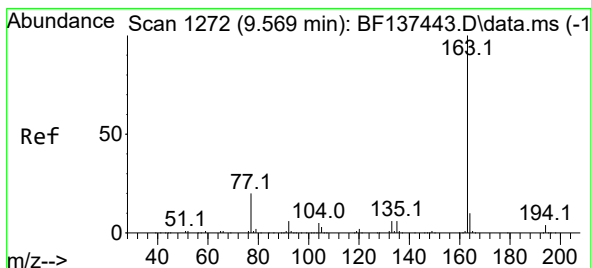
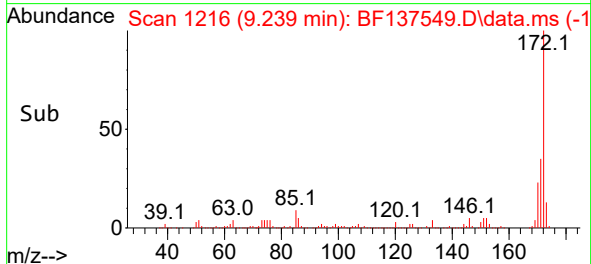
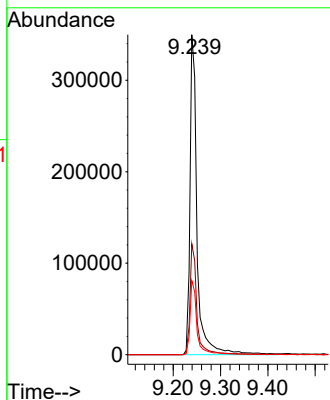
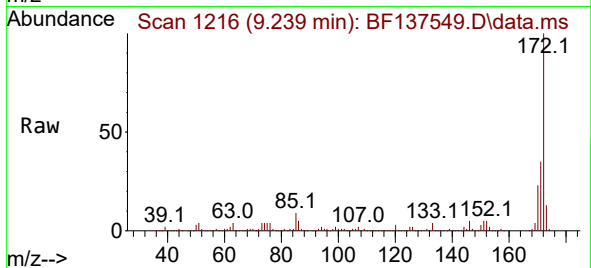
Tgt Ion:172 Resp: 363533

Ion Ratio Lower Upper

172 100

171 34.6 28.5 42.7

170 23.1 19.0 28.6



#50

Dimethylphthalate

Concen: 2.312 ng

RT: 9.922 min Scan# 1332

Delta R.T. 0.271 min

Lab File: BF137549.D

Acq: 08 Mar 2024 18:10

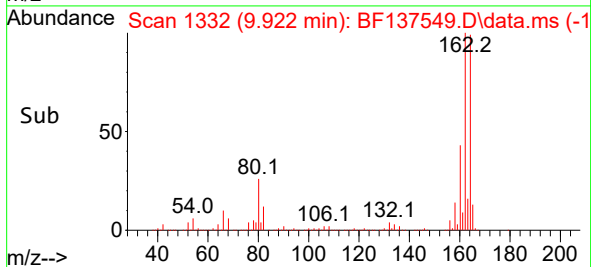
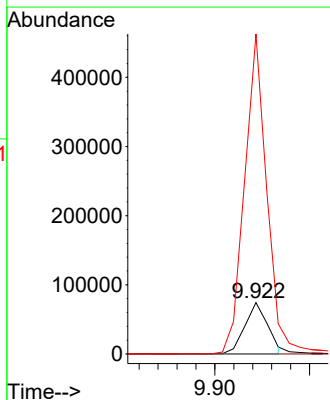
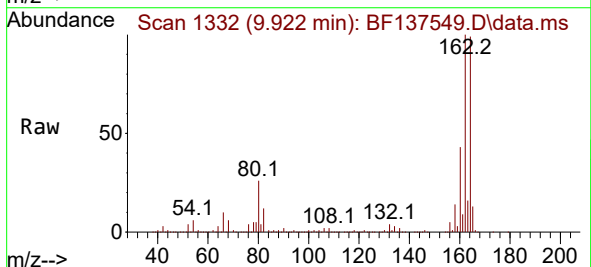
Tgt Ion:163 Resp: 62571

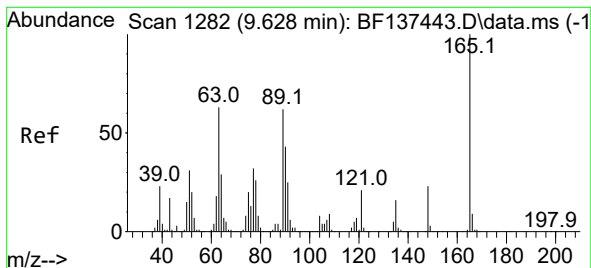
Ion Ratio Lower Upper

163 100

194 0.0 3.3 4.9#

164 622.4 8.1 12.1#





#51

2,6-Dinitrotoluene

Concen: 9.065 ng

RT: 9.922 min Scan# 1332

Delta R.T. 0.212 min

Lab File: BF137549.D

Acq: 08 Mar 2024 18:10

Instrument :

BNA_F

ClientSampleId :

RCA-1-COMP

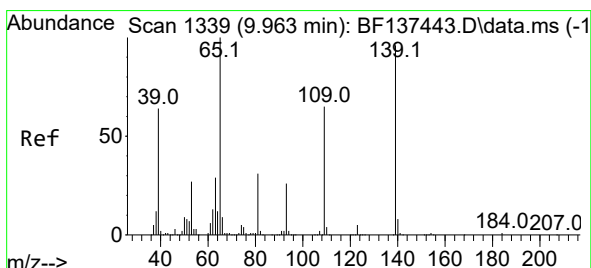
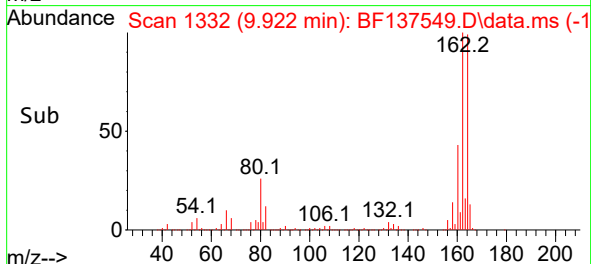
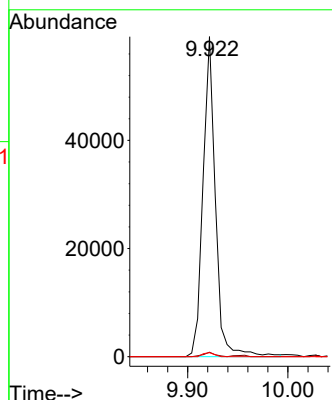
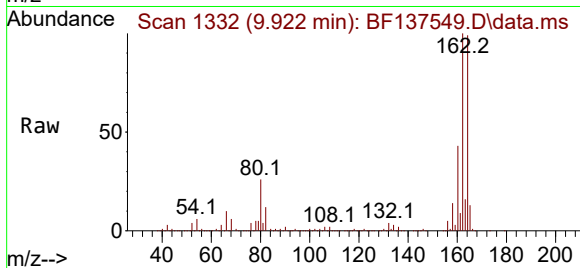
Tgt Ion:165 Resp: 51315

Ion Ratio Lower Upper

165 100

63 1.4 50.7 76.1#

89 1.3 50.0 75.0#



#56

4-Nitrophenol

Concen: 4.541 ng

RT: 10.022 min Scan# 1349

Delta R.T. -0.024 min

Lab File: BF137549.D

Acq: 08 Mar 2024 18:10

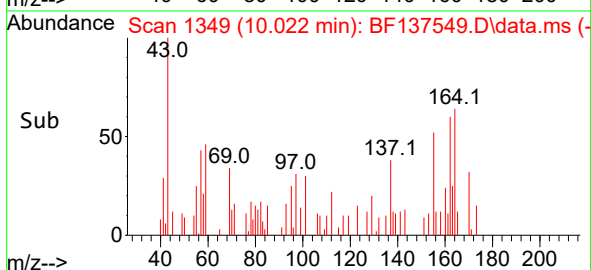
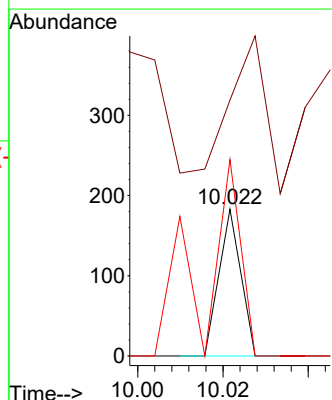
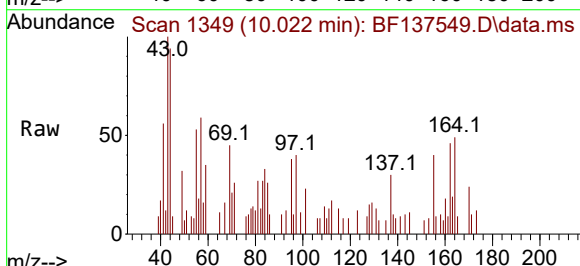
Tgt Ion:139 Resp: 65

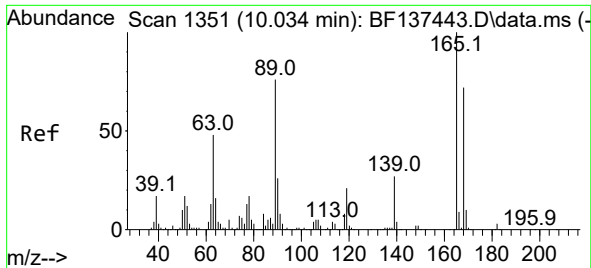
Ion Ratio Lower Upper

139 100

109 174.3 47.1 87.1#

65 133.9 85.1 125.1#

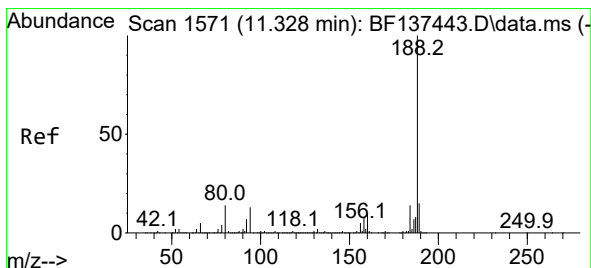
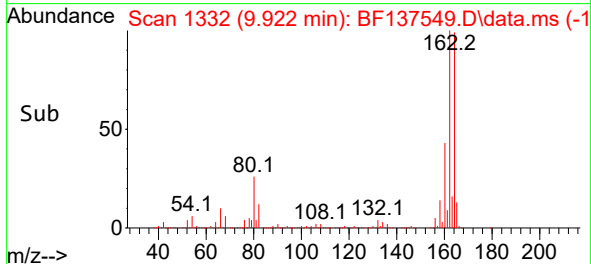
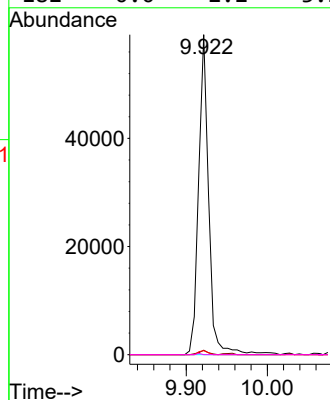
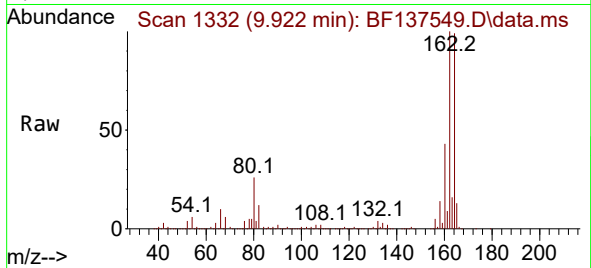




#57
2,4-Dinitrotoluene
Concen: 7.429 ng
RT: 9.922 min Scan# 11
Delta R.T. -0.194 min
Lab File: BF137549.D
Acq: 08 Mar 2024 18:10

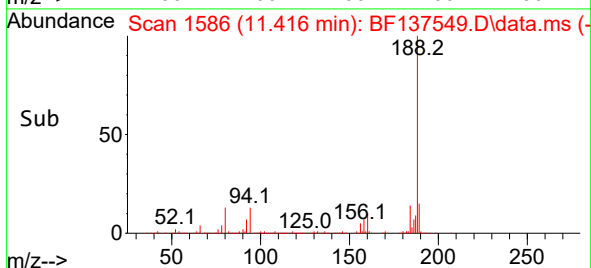
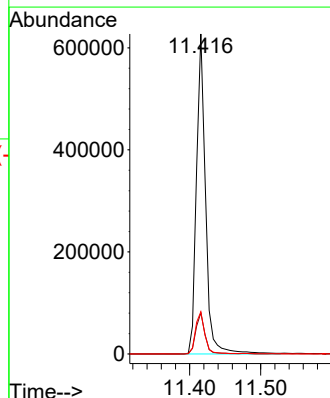
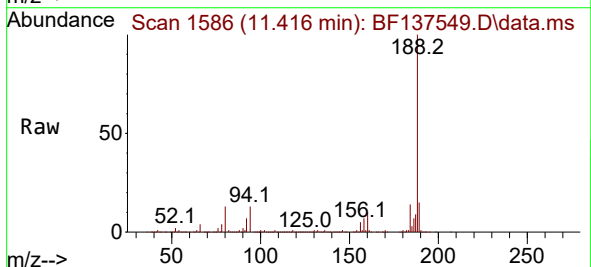
Instrument :
BNA_F
ClientSampleId :
RCA-1-COMP

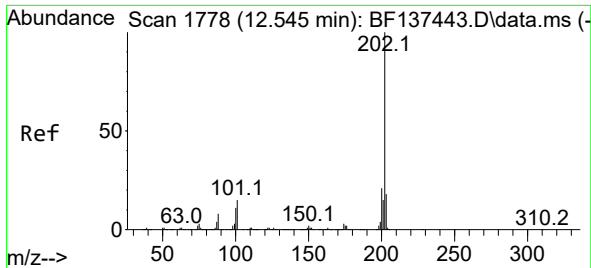
Tgt Ion:165 Resp: 51667
Ion Ratio Lower Upper
165 100
63 1.4 39.0 58.6#
89 1.3 60.9 91.3#
182 0.0 2.2 3.2#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.416 min Scan# 1586
Delta R.T. 0.006 min
Lab File: BF137549.D
Acq: 08 Mar 2024 18:10

Tgt Ion:188 Resp: 561795
Ion Ratio Lower Upper
188 100
94 12.9 10.6 15.8
80 13.2 11.5 17.3

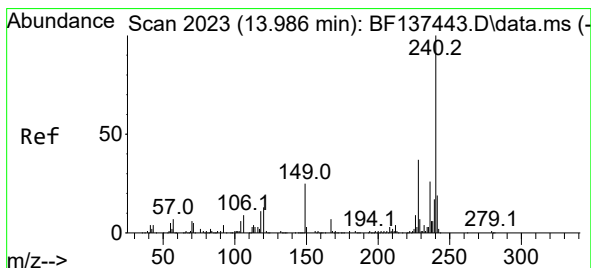
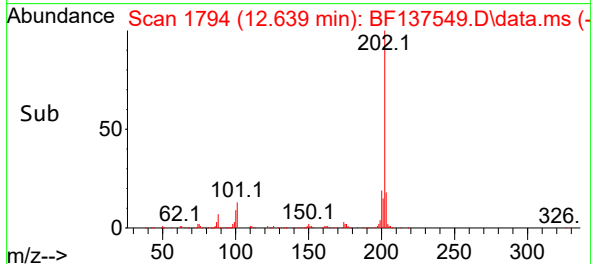
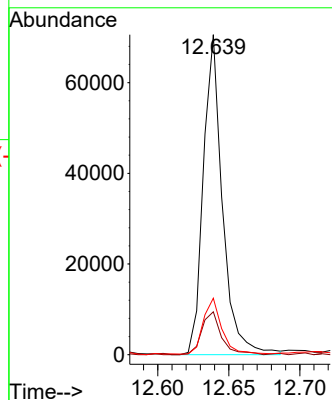
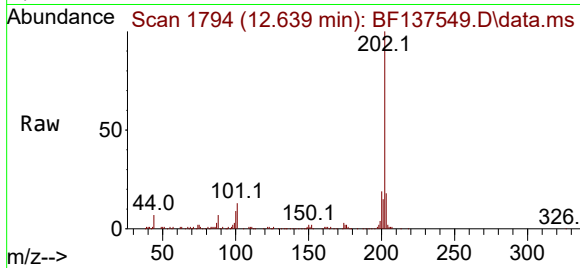




#75
Fluoranthene
Concen: 2.216 ng
RT: 12.639 min Scan# 1778
Delta R.T. 0.006 min
Lab File: BF137549.D
Acq: 08 Mar 2024 18:10

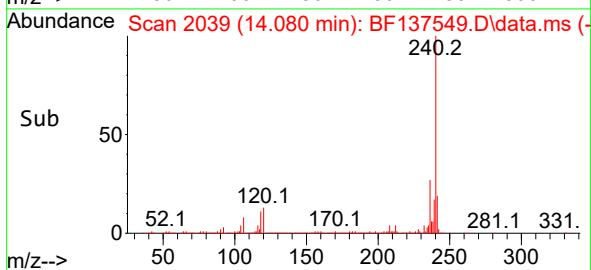
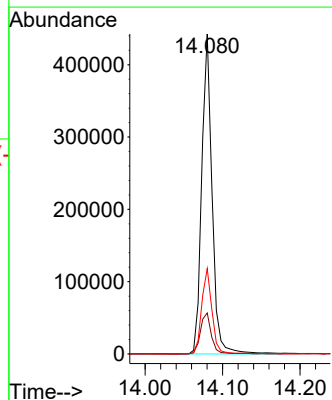
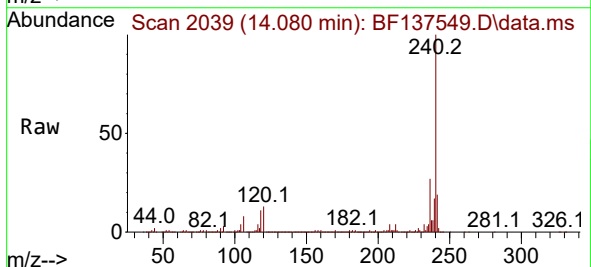
Instrument :
BNA_F
ClientSampleId :
RCA-1-COMP

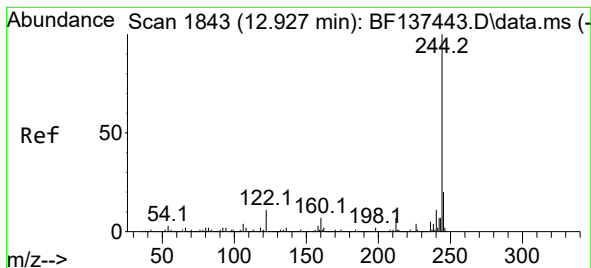
Tgt Ion:202 Resp: 66222
Ion Ratio Lower Upper
202 100
101 13.4 0.0 35.0
203 17.7 0.0 37.7



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.080 min Scan# 2039
Delta R.T. 0.006 min
Lab File: BF137549.D
Acq: 08 Mar 2024 18:10

Tgt Ion:240 Resp: 411641
Ion Ratio Lower Upper
240 100
120 12.8 10.4 15.6
236 26.7 20.9 31.3





#79

Terphenyl-d14

Concen: 9.008 ng

RT: 13.016 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF137549.D

Acq: 08 Mar 2024 18:10

Instrument :

BNA_F

ClientSampleId :

RCA-1-COMP

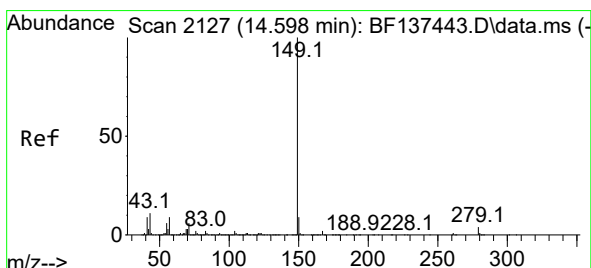
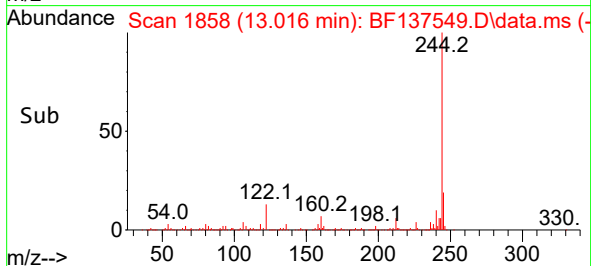
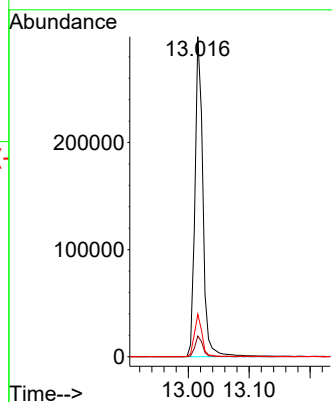
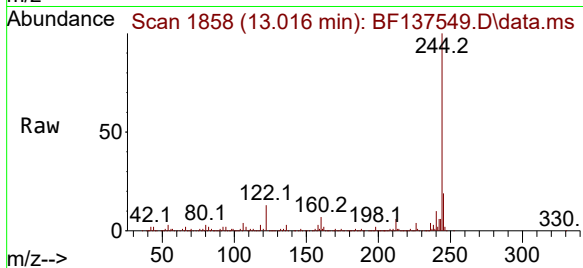
Tgt Ion:244 Resp: 269664

Ion Ratio Lower Upper

244 100

212 6.5 5.4 8.2

122 13.3 9.1 13.7



#85

Di-n-octyl phthalate

Concen: 5.619 ng

RT: 14.704 min Scan# 2145

Delta R.T. 0.012 min

Lab File: BF137549.D

Acq: 08 Mar 2024 18:10

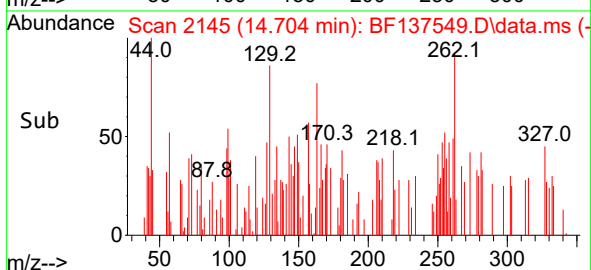
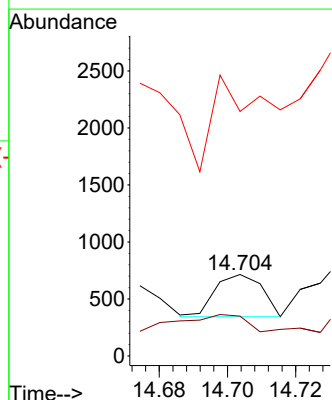
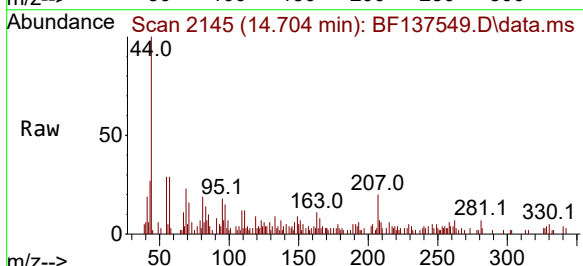
Tgt Ion:149 Resp: 352

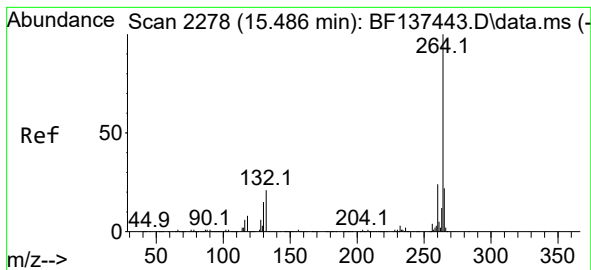
Ion Ratio Lower Upper

149 100

167 133.5 1.2 1.8#

43 259.1 9.6 14.4#





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.627 min Scan# 21

Delta R.T. 0.012 min

Lab File: BF137549.D

Acq: 08 Mar 2024 18:10

Instrument :

BNA_F

ClientSampleId :

RCA-1-COMP

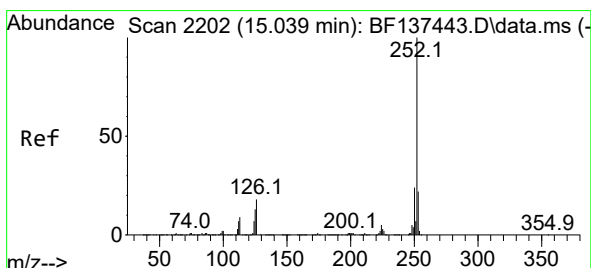
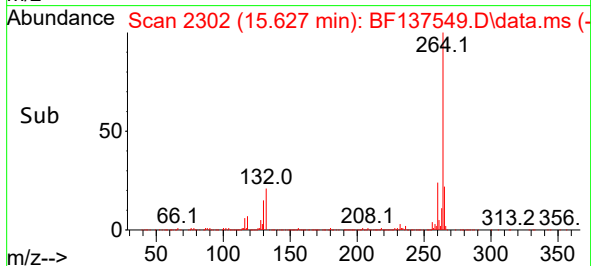
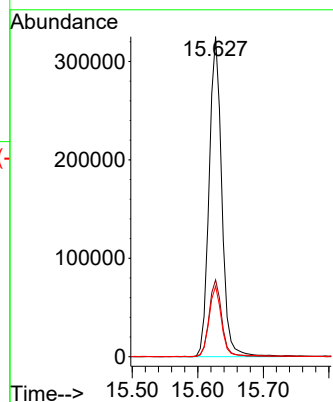
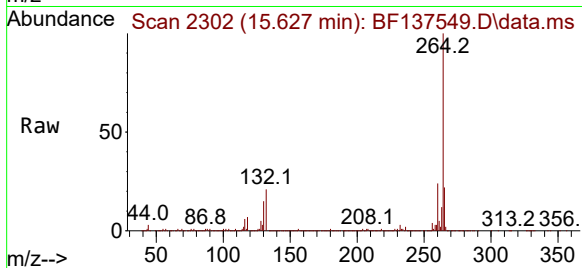
Tgt Ion:264 Resp: 437032

Ion Ratio Lower Upper

264 100

260 24.0 19.3 28.9

265 22.0 17.4 26.0



#88

Benzo(b)fluoranthene

Concen: 2.157 ng

RT: 15.162 min Scan# 2223

Delta R.T. 0.006 min

Lab File: BF137549.D

Acq: 08 Mar 2024 18:10

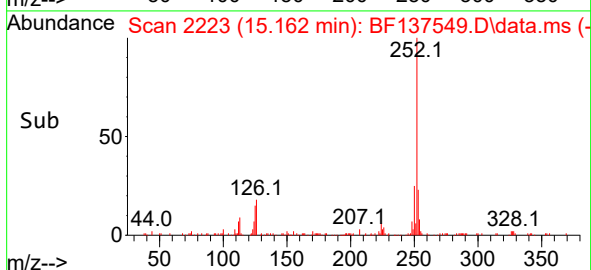
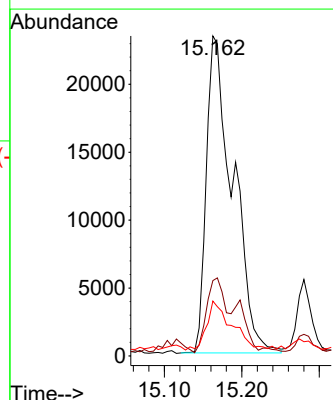
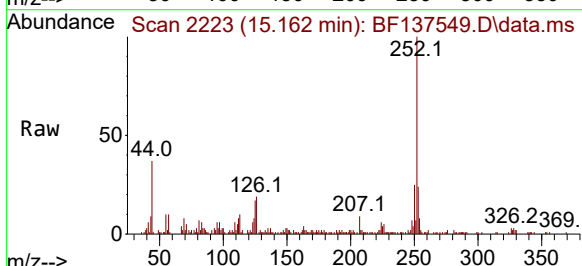
Tgt Ion:252 Resp: 55772

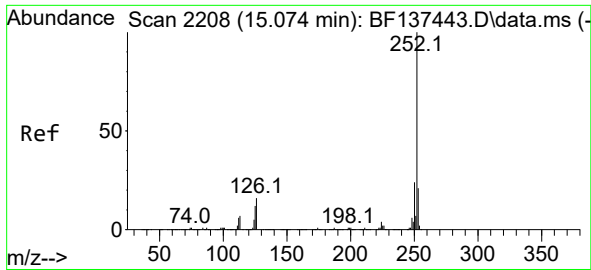
Ion Ratio Lower Upper

252 100

253 23.6 17.8 26.8

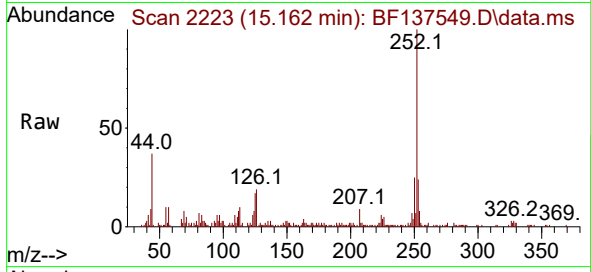
125 17.2 10.1 15.1#





#89
Benzo(k)fluoranthene
Concen: 2.009 ng
RT: 15.162 min Scan# 21
Delta R.T. -0.029 min
Lab File: BF137549.D
Acq: 08 Mar 2024 18:10

Instrument :
BNA_F
ClientSampleId :
RCA-1-COMP



Tgt Ion:252 Resp: 55772
Ion Ratio Lower Upper
252 100
253 23.6 17.3 25.9
125 17.2 9.6 14.4#

