

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030824\
 Data File : BF137550.D
 Acq On : 08 Mar 2024 18:41
 Operator : CG\JU
 Sample : P1701-02 5X
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RCA-2-COMP

Quant Time: Mar 08 22:19:29 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)

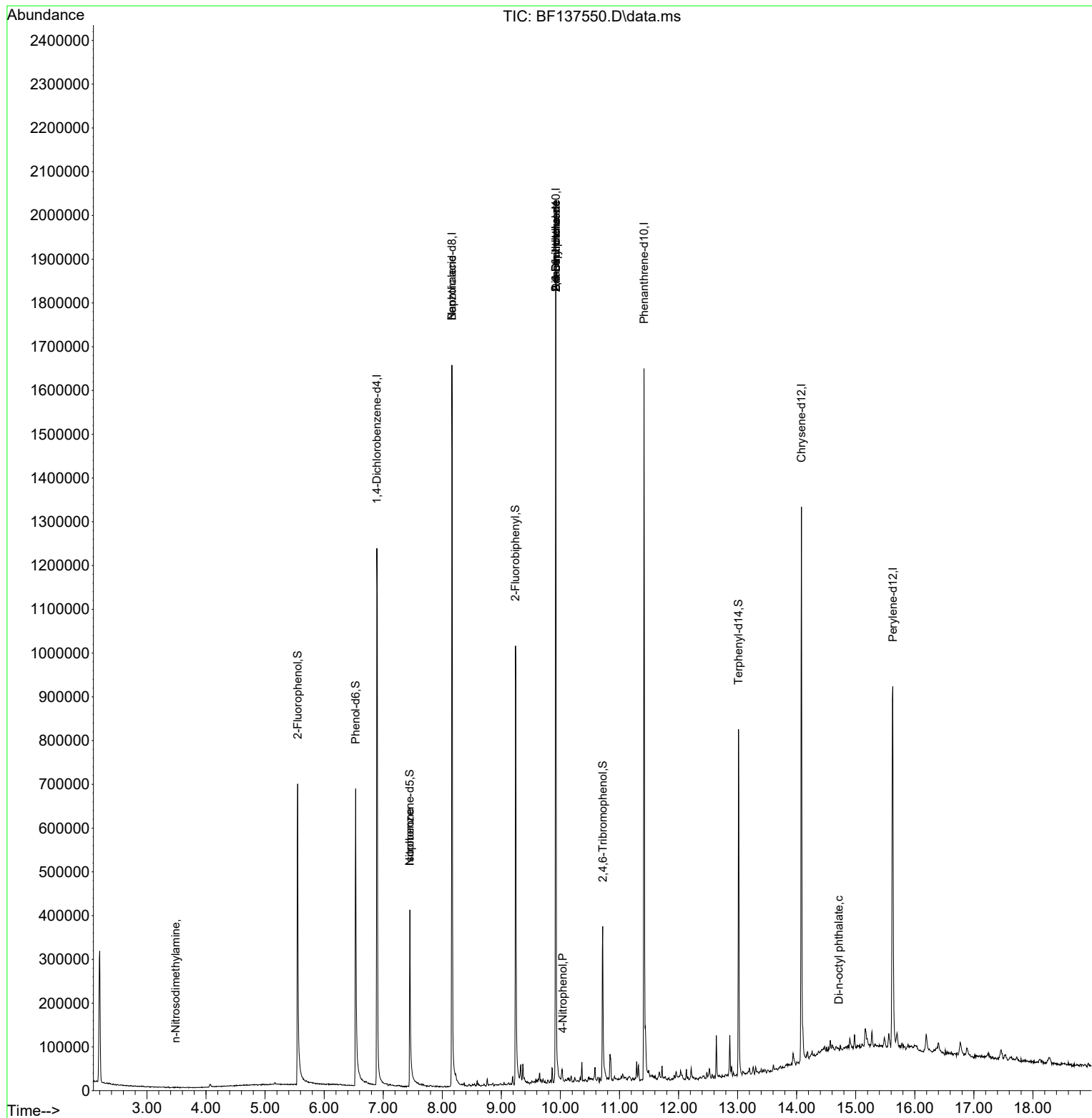
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.893	152	197997	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	773738	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	400833	20.000	ng	0.00
64) Phenanthrene-d10	11.416	188	585003	20.000	ng	0.00
76) Chrysene-d12	14.080	240	416942	20.000	ng	0.00
86) Perylene-d12	15.627	264	428600	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.551	112	241093	18.442	ng	0.00
7) Phenol-d6	6.534	99	321380	17.031	ng	0.00
23) Nitrobenzene-d5	7.451	82	168116	10.096	ng	0.00
42) 2,4,6-Tribromophenol	10.716	330	48696	13.834	ng	0.00
45) 2-Fluorobiphenyl	9.239	172	367072	14.335	ng	0.00
79) Terphenyl-d14	13.016	244	278008	9.169	ng	0.00
Target Compounds						
						Qvalue
4) n-Nitrosodimethylamine	3.487	42	127	3.825	ng	# 1
25) Isophorone	7.451	82	168113	5.314	ng	# 69
32) Benzoic acid	8.163	122	146	6.316	ng	# 1
50) Dimethylphthalate	9.922	163	63661	2.282	ng	# 1
51) 2,6-Dinitrotoluene	9.922	165	50910	8.723	ng	# 20
56) 4-Nitrophenol	10.039	139	86	4.545	ng	# 1
57) 2,4-Dinitrotoluene	9.922	165	50910	7.100	ng	# 21
85) Di-n-octyl phthalate	14.716	149	278	5.616	ng	# 72

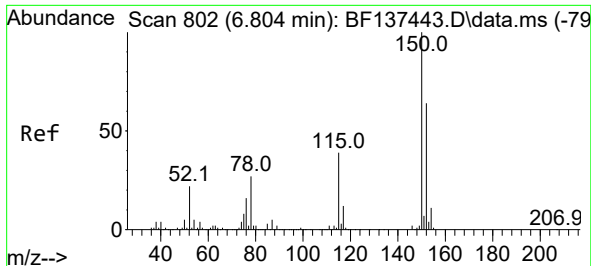
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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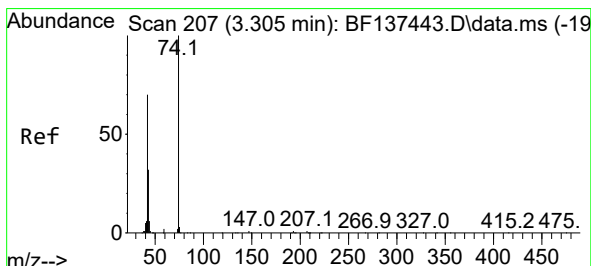
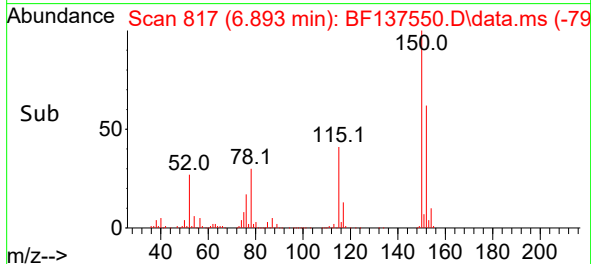
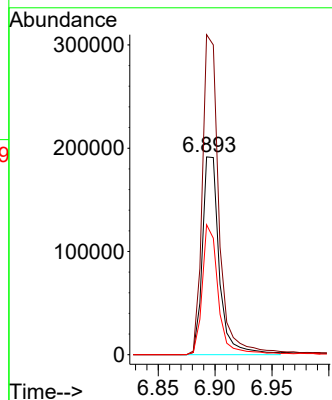
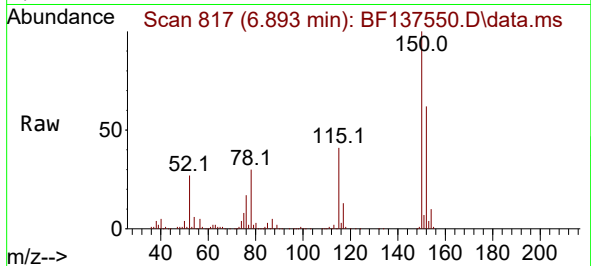




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.893 min Scan# 81
Delta R.T. 0.006 min
Lab File: BF137550.D
Acq: 08 Mar 2024 18:41

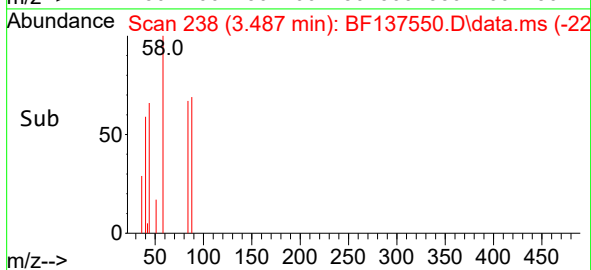
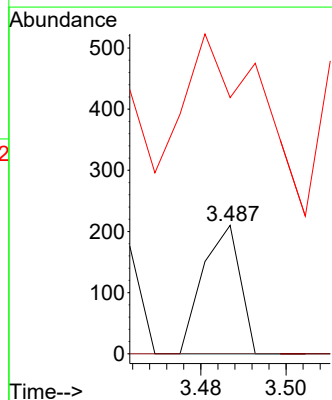
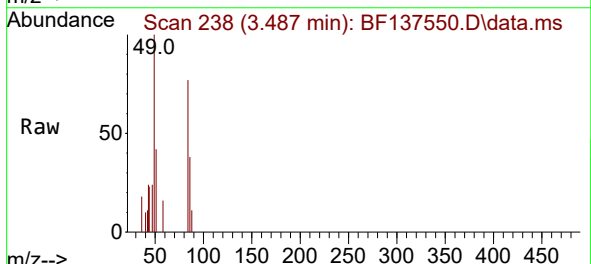
Instrument :
BNA_F
ClientSampleId :
RCA-2-COMP

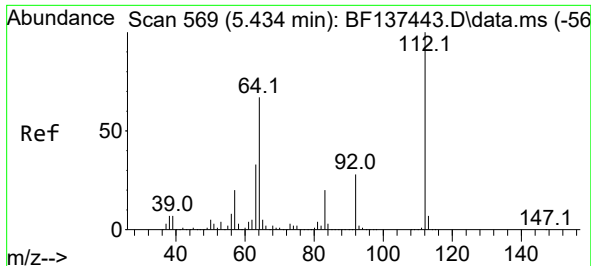
Tgt Ion:152 Resp: 197997
Ion Ratio Lower Upper
152 100
150 161.8 125.8 188.6
115 65.6 48.8 73.2



#4
n-Nitrosodimethylamine
Concen: 3.825 ng
RT: 3.487 min Scan# 238
Delta R.T. -0.029 min
Lab File: BF137550.D
Acq: 08 Mar 2024 18:41

Tgt Ion: 42 Resp: 127
Ion Ratio Lower Upper
42 100
74 0.0 114.0 171.0#
44 199.5 7.0 10.4#

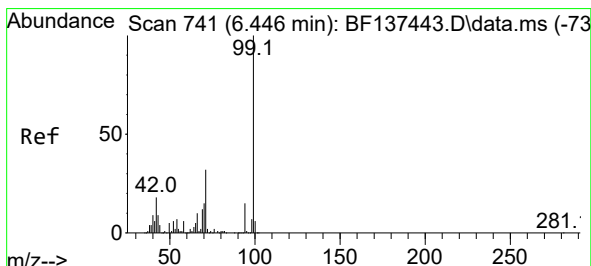
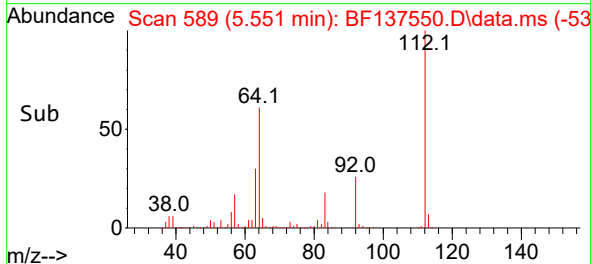
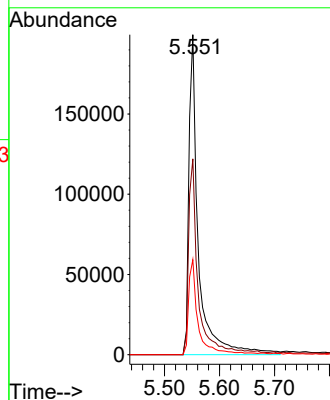
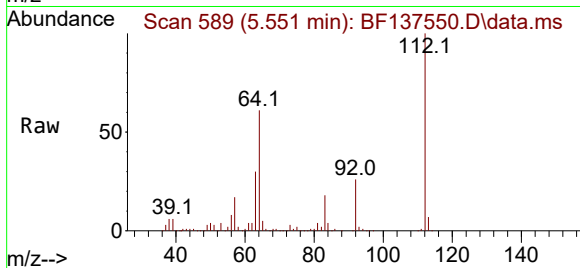




#5
2-Fluorophenol
Concen: 18.442 ng
RT: 5.551 min Scan# 51
Delta R.T. 0.006 min
Lab File: BF137550.D
Acq: 08 Mar 2024 18:41

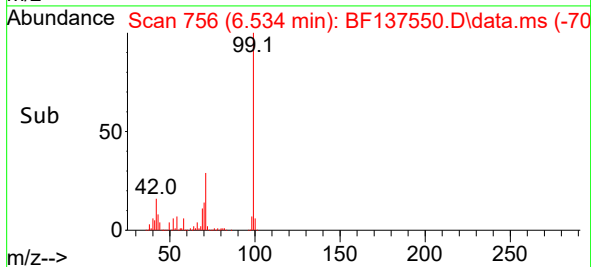
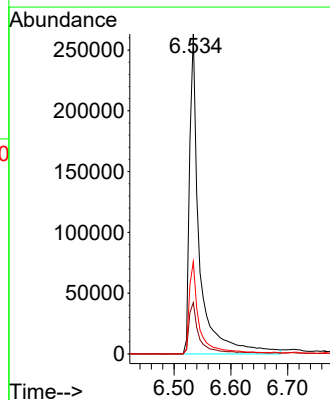
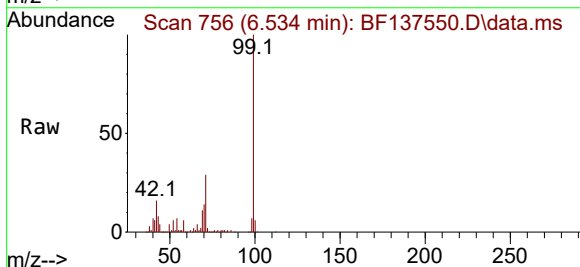
Instrument :
BNA_F
ClientSampleId :
RCA-2-COMP

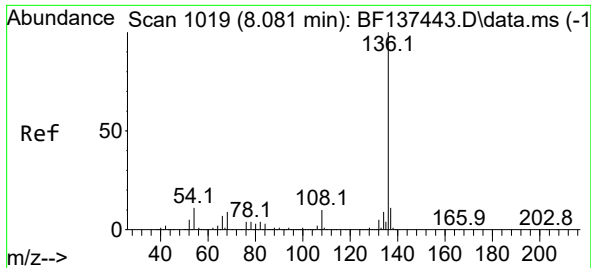
Tgt Ion:112 Resp: 241093
Ion Ratio Lower Upper
112 100
64 61.2 53.4 80.2
63 29.7 26.2 39.2



#7
Phenol-d6
Concen: 17.031 ng
RT: 6.534 min Scan# 756
Delta R.T. 0.000 min
Lab File: BF137550.D
Acq: 08 Mar 2024 18:41

Tgt Ion: 99 Resp: 321380
Ion Ratio Lower Upper
99 100
42 16.1 14.6 21.8
71 28.9 25.3 37.9

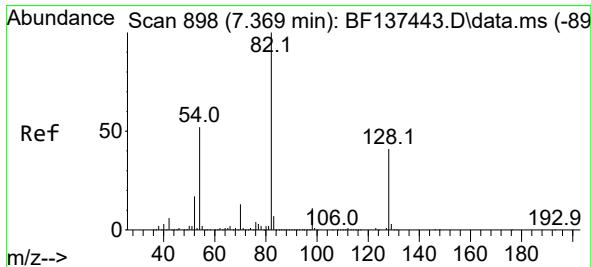
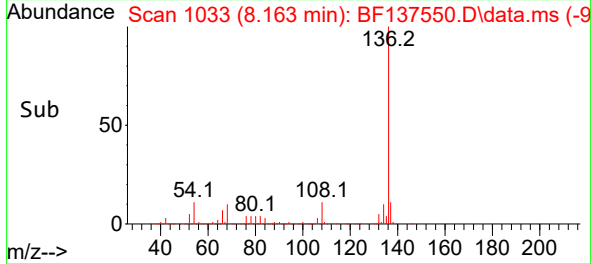
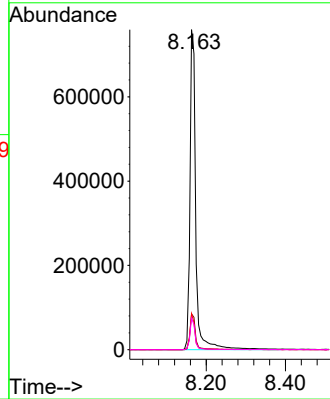
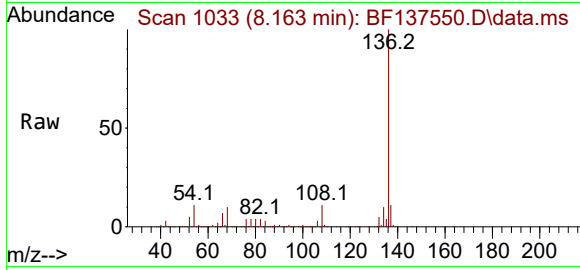




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.163 min Scan# 1019
Delta R.T. 0.006 min
Lab File: BF137550.D
Acq: 08 Mar 2024 18:41

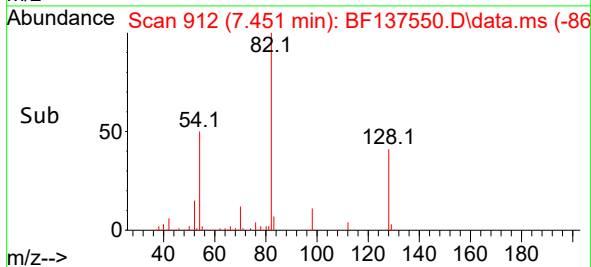
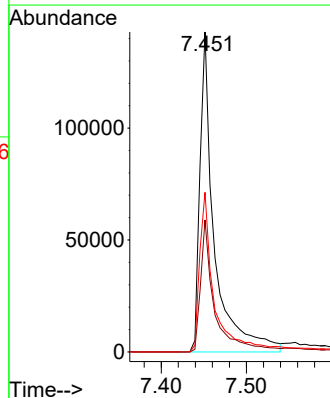
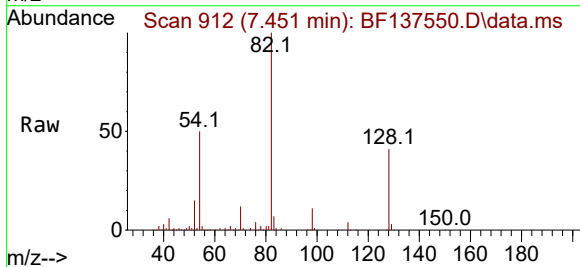
Instrument :
BNA_F
ClientSampleId :
RCA-2-COMP

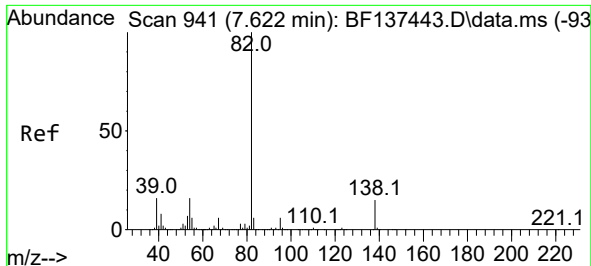
Tgt Ion:136 Resp: 773738
Ion Ratio Lower Upper
136 100
137 11.2 9.1 13.7
54 11.3 8.5 12.7
68 9.9 7.4 11.2



#23
Nitrobenzene-d5
Concen: 10.096 ng
RT: 7.451 min Scan# 912
Delta R.T. 0.000 min
Lab File: BF137550.D
Acq: 08 Mar 2024 18:41

Tgt Ion: 82 Resp: 168116
Ion Ratio Lower Upper
82 100
128 41.3 32.5 48.7
54 49.9 41.5 62.3

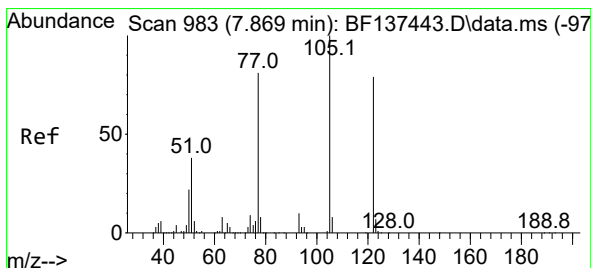
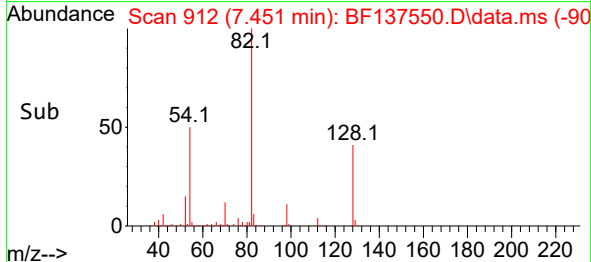
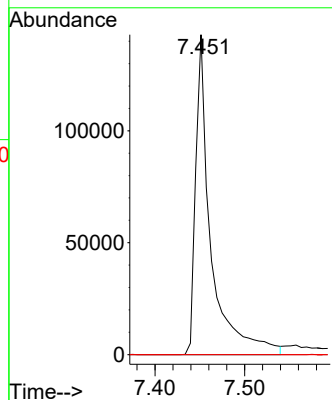
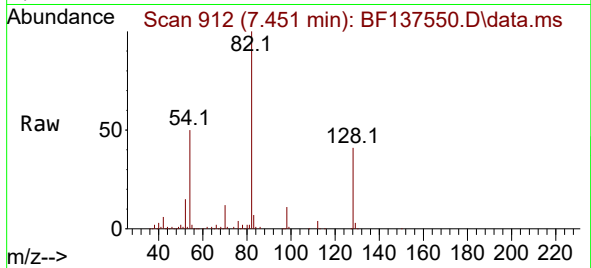




#25
Isophorone
Concen: 5.314 ng
RT: 7.451 min Scan# 91
Delta R.T. -0.253 min
Lab File: BF137550.D
Acq: 08 Mar 2024 18:41

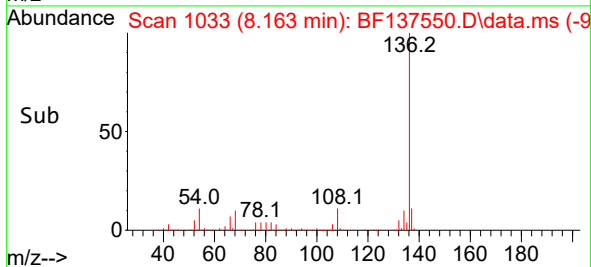
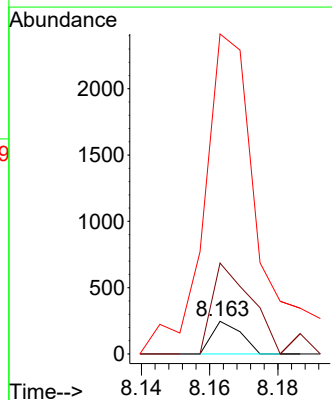
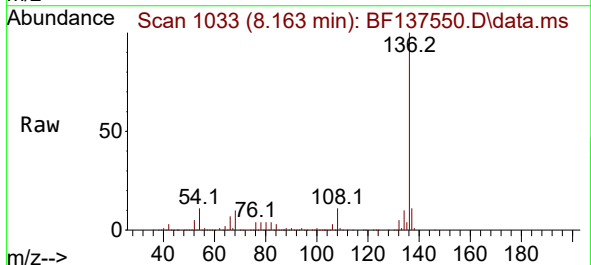
Instrument :
BNA_F
ClientSampleId :
RCA-2-COMP

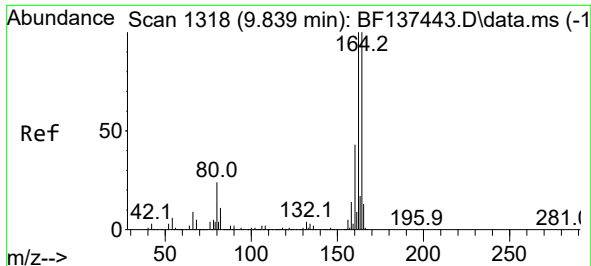
Tgt Ion: 82 Resp: 168113
Ion Ratio Lower Upper
82 100
95 0.0 5.1 7.7#
138 0.0 11.8 17.8#



#32
Benzoic acid
Concen: 6.316 ng
RT: 8.163 min Scan# 1033
Delta R.T. 0.206 min
Lab File: BF137550.D
Acq: 08 Mar 2024 18:41

Tgt Ion:122 Resp: 146
Ion Ratio Lower Upper
122 100
105 277.7 102.4 142.4#
77 976.9 81.1 121.1#

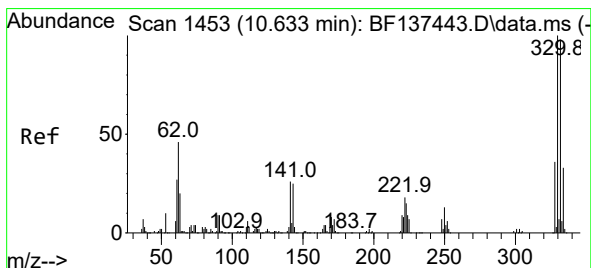
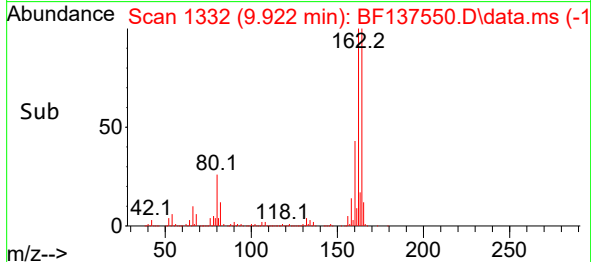
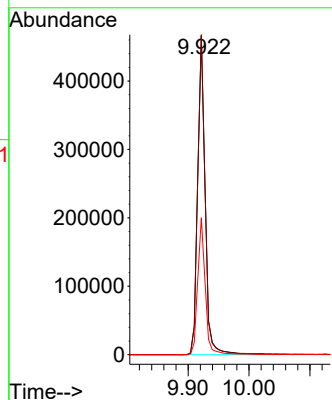
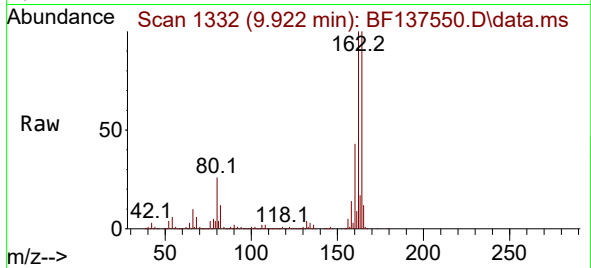




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.922 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF137550.D
Acq: 08 Mar 2024 18:41

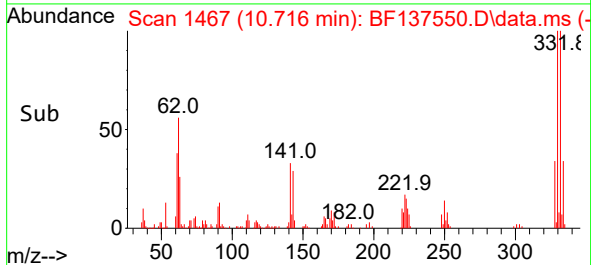
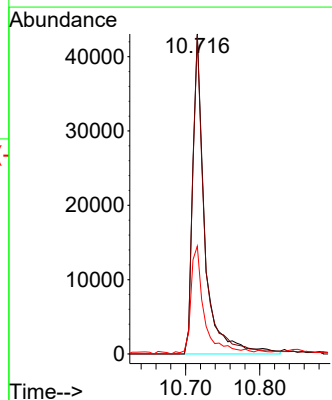
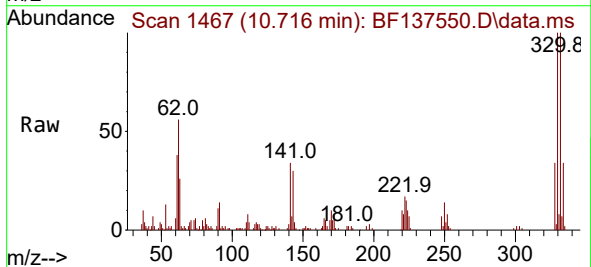
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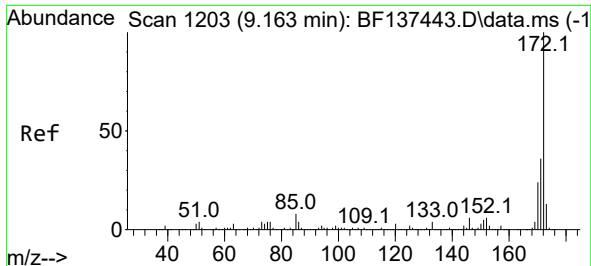
Tgt Ion:164 Resp: 400833
Ion Ratio Lower Upper
164 100
162 100.3 79.8 119.8
160 43.0 34.4 51.6



#42
2,4,6-Tribromophenol
Concen: 13.834 ng
RT: 10.716 min Scan# 1467
Delta R.T. 0.000 min
Lab File: BF137550.D
Acq: 08 Mar 2024 18:41

Tgt Ion:330 Resp: 48696
Ion Ratio Lower Upper
330 100
332 98.2 78.0 117.0
141 38.0 27.3 40.9





#45

2-Fluorobiphenyl

Concen: 14.335 ng

RT: 9.239 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF137550.D

Acq: 08 Mar 2024 18:41

Instrument :

BNA_F

ClientSampleId :

RCA-2-COMP

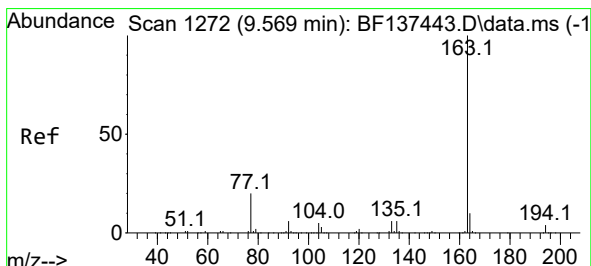
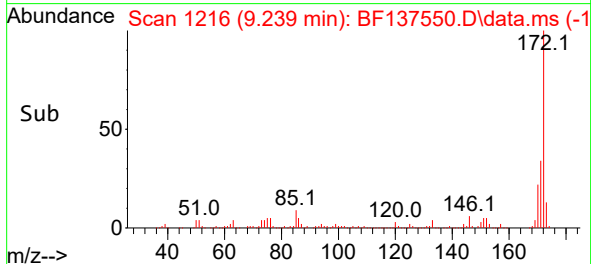
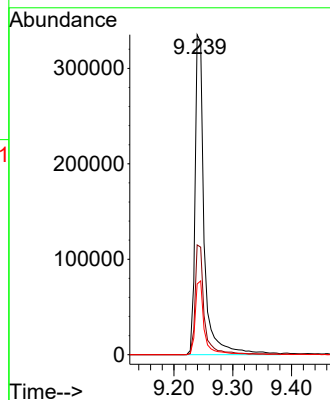
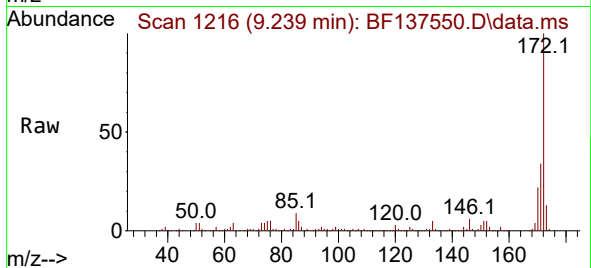
Tgt Ion:172 Resp: 367072

Ion Ratio Lower Upper

172 100

171 34.3 28.5 42.7

170 22.1 19.0 28.6



#50

Dimethylphthalate

Concen: 2.282 ng

RT: 9.922 min Scan# 1332

Delta R.T. 0.271 min

Lab File: BF137550.D

Acq: 08 Mar 2024 18:41

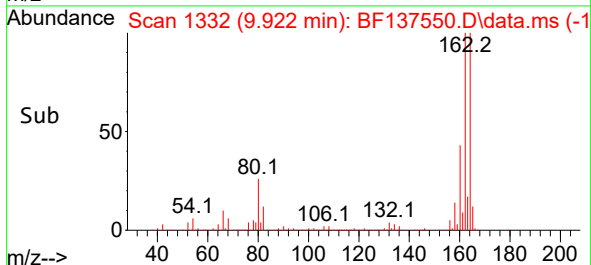
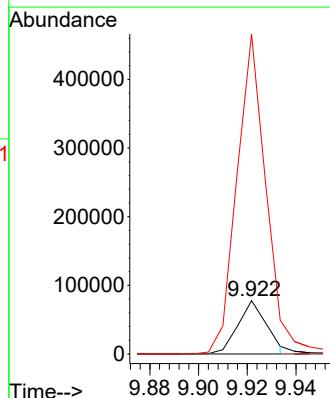
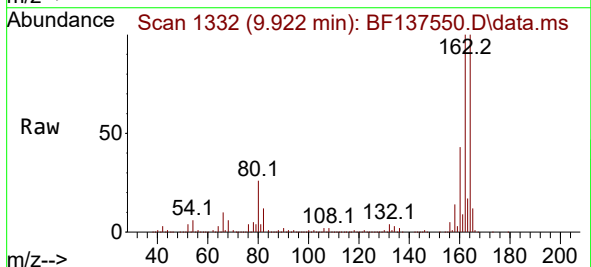
Tgt Ion:163 Resp: 63661

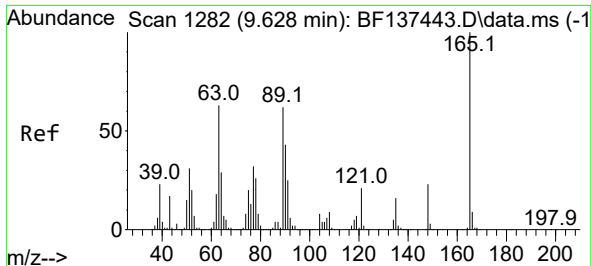
Ion Ratio Lower Upper

163 100

194 0.0 3.3 4.9#

164 601.1 8.1 12.1#

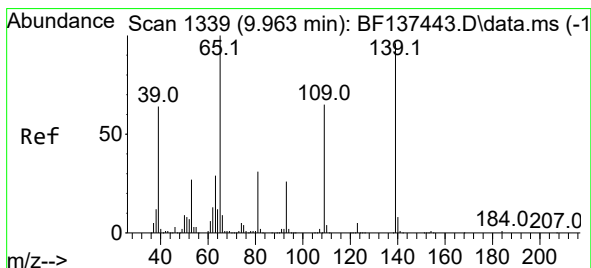
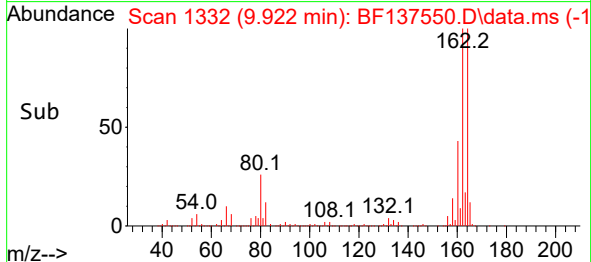
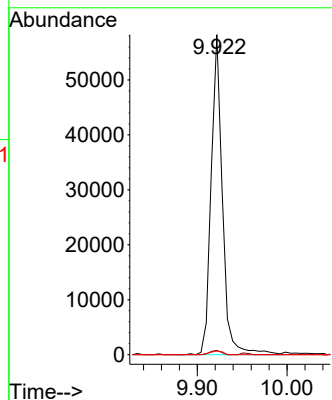
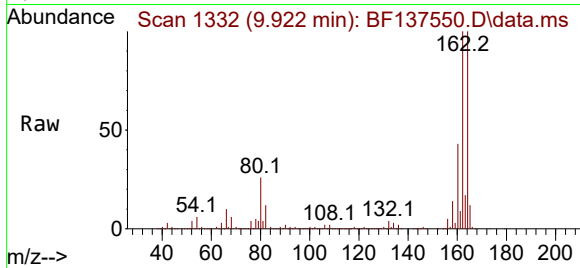




#51
2,6-Dinitrotoluene
Concen: 8.723 ng
RT: 9.922 min Scan# 11
Delta R.T. 0.212 min
Lab File: BF137550.D
Acq: 08 Mar 2024 18:41

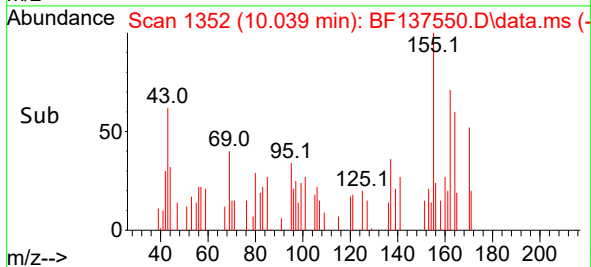
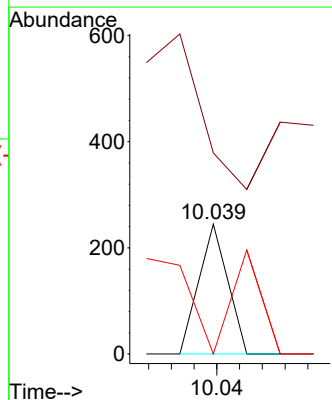
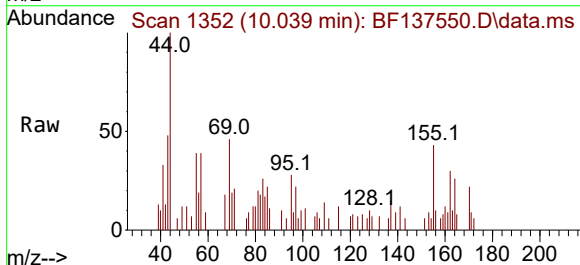
Instrument :
BNA_F
ClientSampleId :
RCA-2-COMP

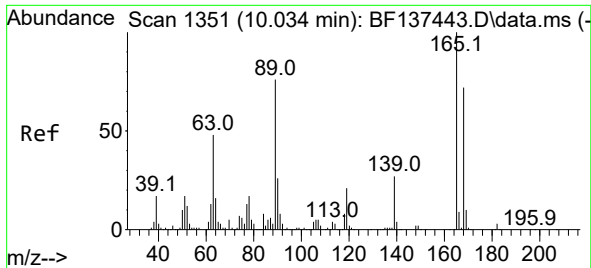
Tgt Ion:165 Resp: 50910
Ion Ratio Lower Upper
165 100
63 1.3 50.7 76.1#
89 1.2 50.0 75.0#



#56
4-Nitrophenol
Concen: 4.545 ng
RT: 10.039 min Scan# 1352
Delta R.T. -0.006 min
Lab File: BF137550.D
Acq: 08 Mar 2024 18:41

Tgt Ion:139 Resp: 86
Ion Ratio Lower Upper
139 100
109 154.7 47.1 87.1#
65 0.0 85.1 125.1#

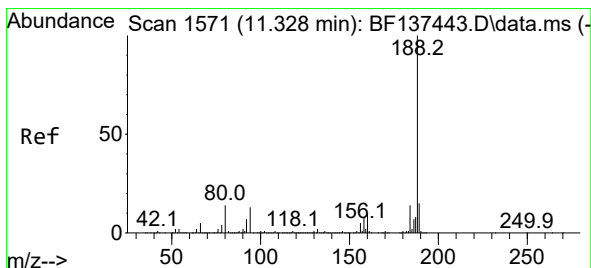
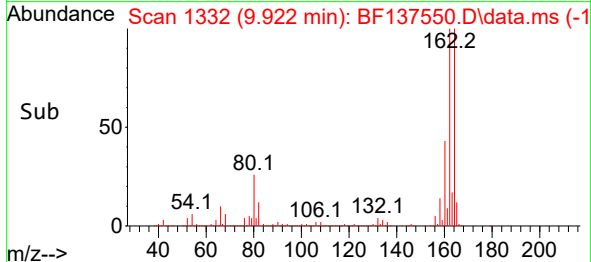
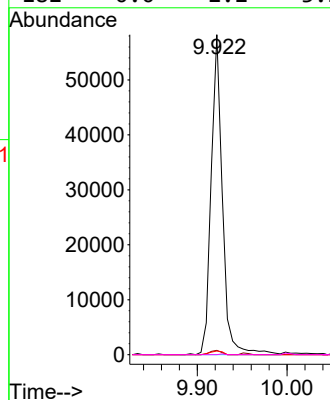
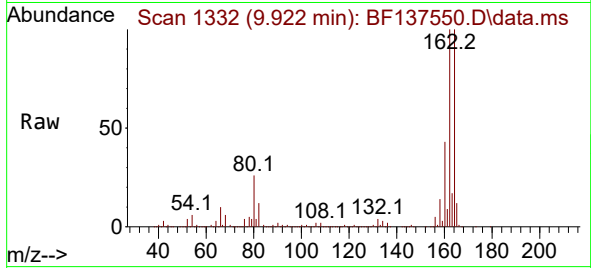




#57
2,4-Dinitrotoluene
Concen: 7.100 ng
RT: 9.922 min Scan# 11
Delta R.T. -0.194 min
Lab File: BF137550.D
Acq: 08 Mar 2024 18:41

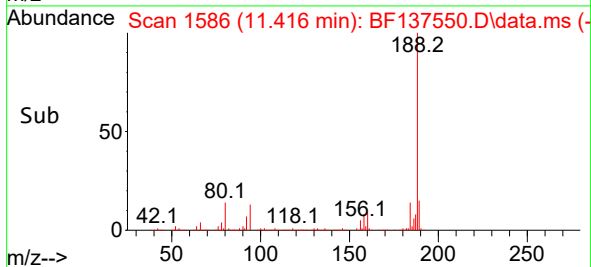
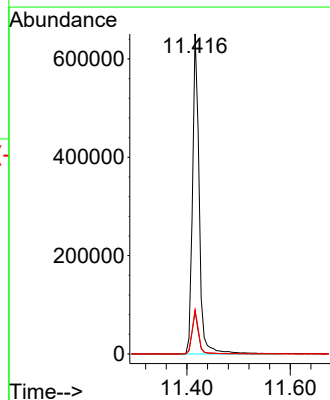
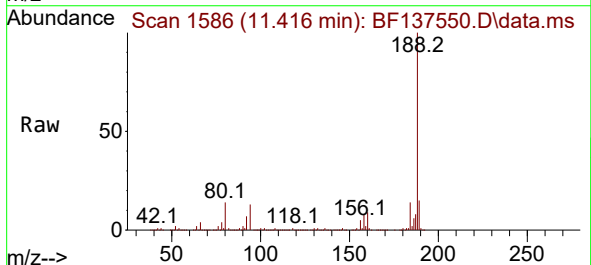
Instrument :
BNA_F
ClientSampleId :
RCA-2-COMP

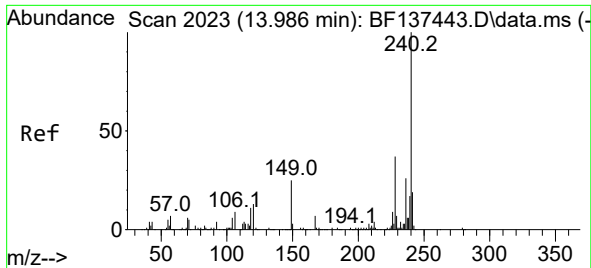
Tgt Ion:165 Resp: 50910
Ion Ratio Lower Upper
165 100
63 1.3 39.0 58.6#
89 1.2 60.9 91.3#
182 0.0 2.2 3.2#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.416 min Scan# 1586
Delta R.T. 0.006 min
Lab File: BF137550.D
Acq: 08 Mar 2024 18:41

Tgt Ion:188 Resp: 585003
Ion Ratio Lower Upper
188 100
94 13.3 10.6 15.8
80 13.9 11.5 17.3

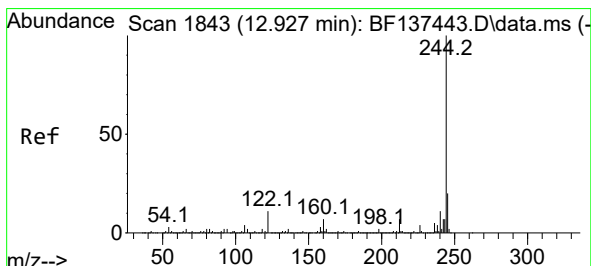
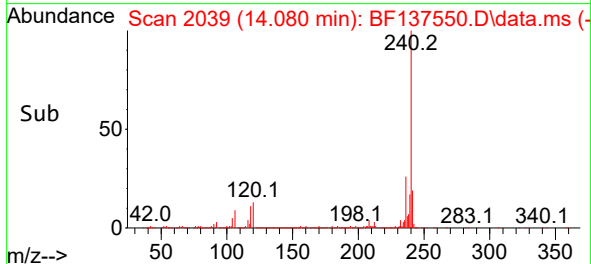
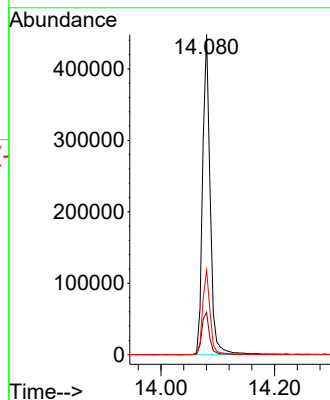
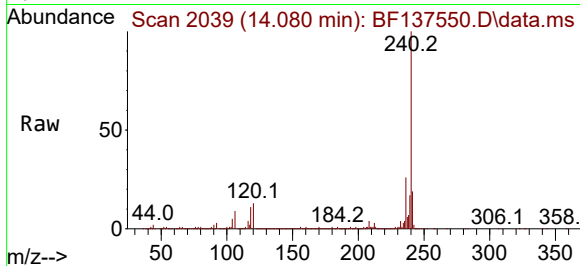




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.080 min Scan# 20
Delta R.T. 0.006 min
Lab File: BF137550.D
Acq: 08 Mar 2024 18:41

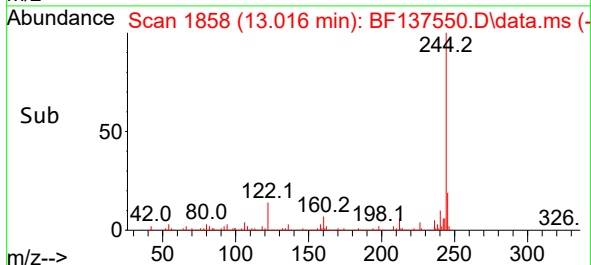
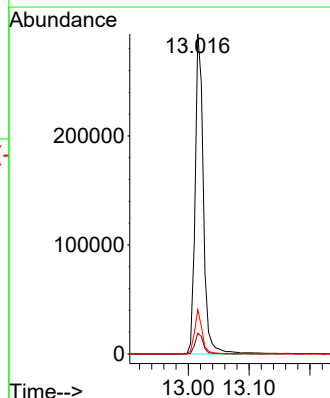
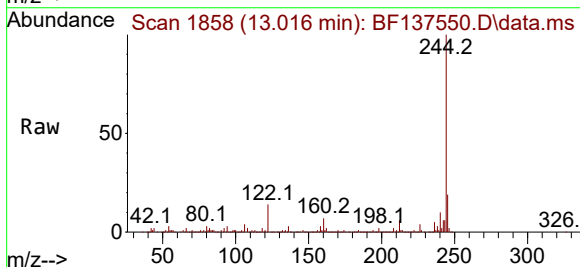
Instrument :
BNA_F
ClientSampleId :
RCA-2-COMP

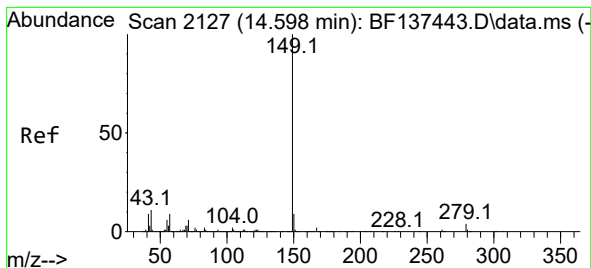
Tgt Ion:240 Resp: 416942
Ion Ratio Lower Upper
240 100
120 13.2 10.4 15.6
236 26.4 20.9 31.3



#79
Terphenyl-d14
Concen: 9.169 ng
RT: 13.016 min Scan# 1858
Delta R.T. 0.000 min
Lab File: BF137550.D
Acq: 08 Mar 2024 18:41

Tgt Ion:244 Resp: 278008
Ion Ratio Lower Upper
244 100
212 6.4 5.4 8.2
122 13.8 9.1 13.7#





#85

Di-n-octyl phthalate

Concen: 5.616 ng

RT: 14.716 min Scan# 2127

Delta R.T. 0.024 min

Lab File: BF137550.D

Acq: 08 Mar 2024 18:41

Instrument :

BNA_F

ClientSampleId :

RCA-2-COMP

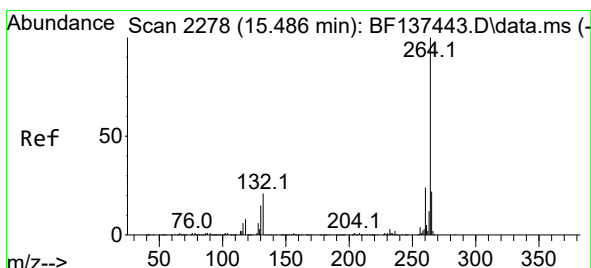
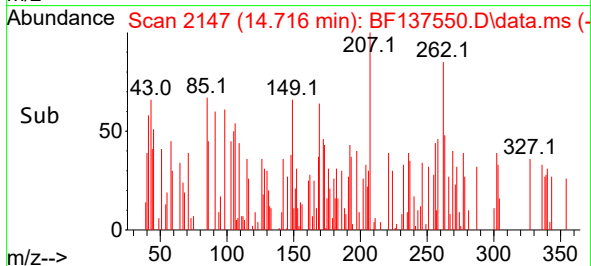
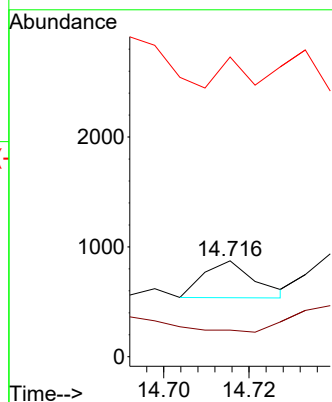
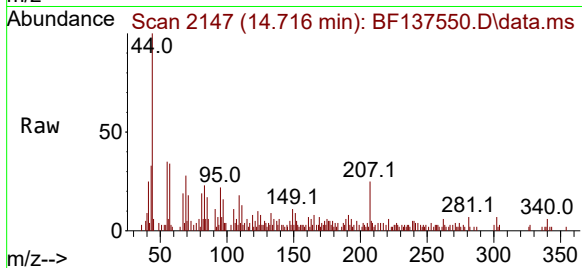
Tgt Ion:149 Resp: 278

Ion Ratio Lower Upper

149 100

167 0.0 1.2 1.8#

43 0.0 9.6 14.4#



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.627 min Scan# 2302

Delta R.T. 0.012 min

Lab File: BF137550.D

Acq: 08 Mar 2024 18:41

Tgt Ion:264 Resp: 428600

Ion Ratio Lower Upper

264 100

260 23.8 19.3 28.9

265 21.0 17.4 26.0

