

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030724\
 Data File : BF137536.D
 Acq On : 07 Mar 2024 18:19
 Operator : CG\JU
 Sample : P1688-05
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 COMP-5

Quant Time: Mar 08 00:32:28 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 00:31:33 2024
 Response via : Initial Calibration

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

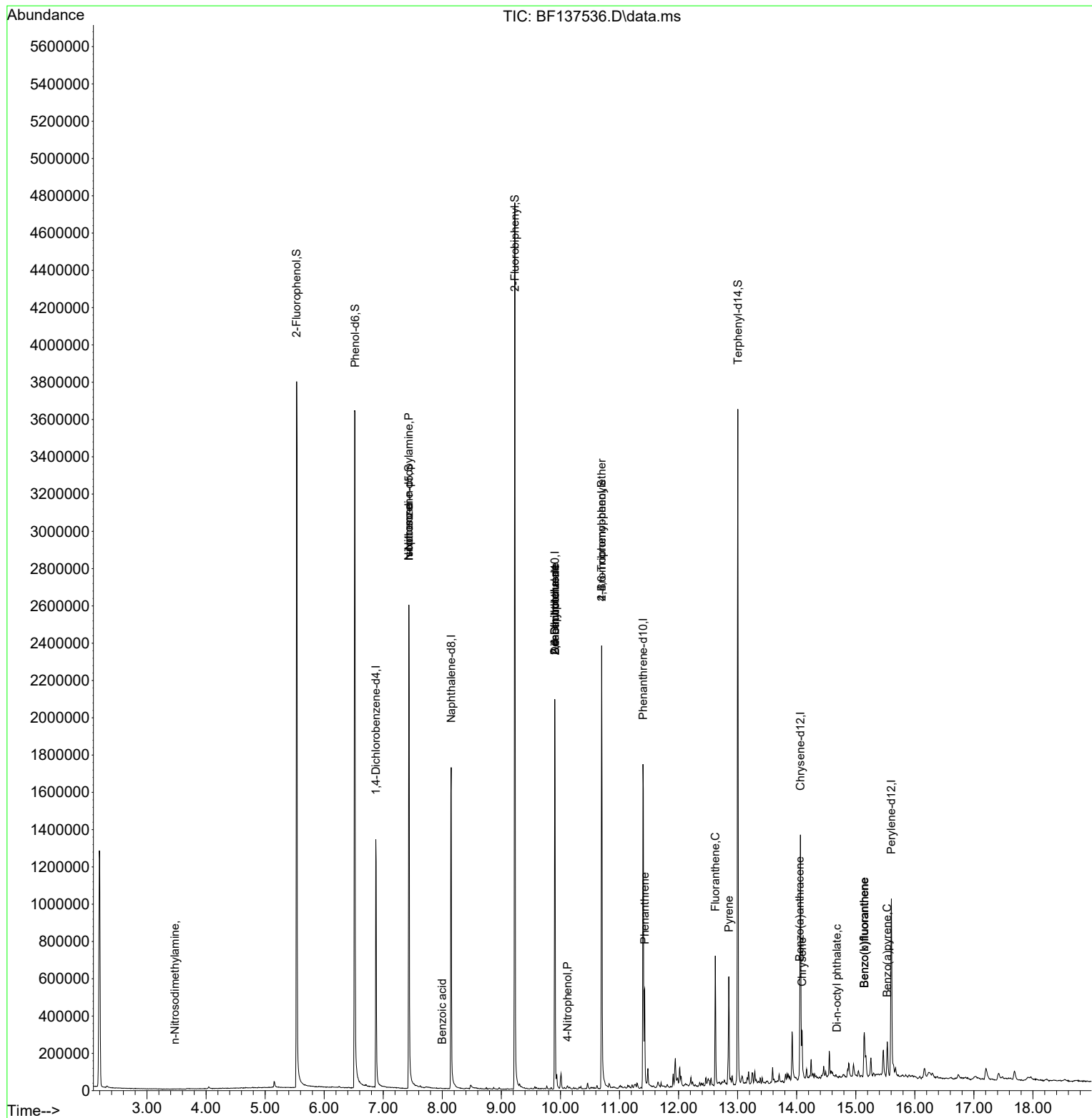
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	204830	20.000	ng	0.01
21) Naphthalene-d8	8.151	136	805932	20.000	ng	0.01
39) Acenaphthene-d10	9.904	164	430659	20.000	ng	0.00
64) Phenanthrene-d10	11.398	188	677472	20.000	ng	0.00
76) Chrysene-d12	14.063	240	381475	20.000	ng	0.00
86) Perylene-d12	15.604	264	459437	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.534	112	1131878	83.692	ng	0.02
7) Phenol-d6	6.522	99	1521001	77.913	ng	0.01
23) Nitrobenzene-d5	7.434	82	907579	52.324	ng	0.00
42) 2,4,6-Tribromophenol	10.698	330	276673	73.157	ng	0.00
45) 2-Fluorobiphenyl	9.228	172	1401440	50.940	ng	0.00
79) Terphenyl-d14	13.004	244	1205407	43.451	ng	0.00
Target Compounds					Qvalue	
4) n-Nitrosodimethylamine	3.475	42	377	3.856	ng	# 1
19) n-Nitroso-di-n-propyla...	7.434	70	116952	9.702	ng	# 83
25) Isophorone	7.434	82	907568	27.541	ng	# 69
32) Benzoic acid	7.998	122	58	6.305	ng	# 1
50) Dimethylphthalate	9.904	163	61565	2.054	ng	# 1
51) 2,6-Dinitrotoluene	9.904	165	54628	8.712	ng	# 20
56) 4-Nitrophenol	10.122	139	3061	5.138	ng	# 5
57) 2,4-Dinitrotoluene	9.904	165	54718	7.103	ng	# 21
67) 4-Bromophenyl-phenylether	10.698	248	19398	2.629	ng	# 1
71) Phenanthrene	11.427	178	208261	5.649	ng	98
75) Fluoranthene	12.621	202	266042	7.382	ng	99
78) Pyrene	12.851	202	225019	6.012	ng	98
81) Benzo(a)anthracene	14.051	228	115757	4.329	ng	99
83) Chrysene	14.092	228	113727	4.209	ng	97
85) Di-n-octyl phthalate	14.680	149	618	5.630	ng	# 1
88) Benzo(b)fluoranthene	15.145	252	192584	7.086	ng	98
89) Benzo(k)fluoranthene	15.145	252	192584	6.597	ng	98
90) Benzo(a)pyrene	15.533	252	99652	3.721	ng	98

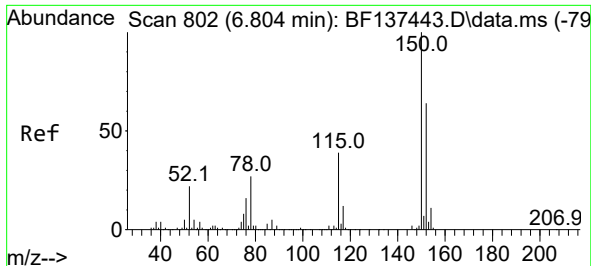
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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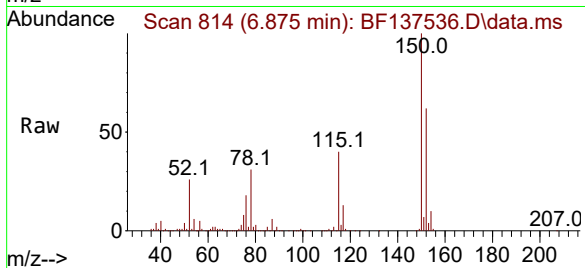
Quant Time: Mar 08 00:32:28 2024
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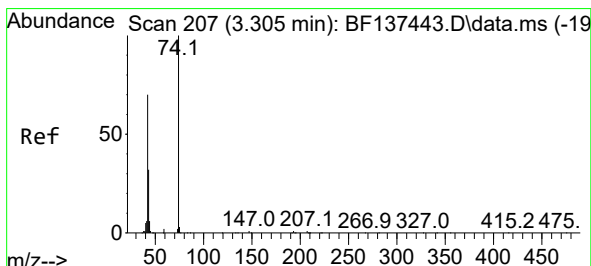
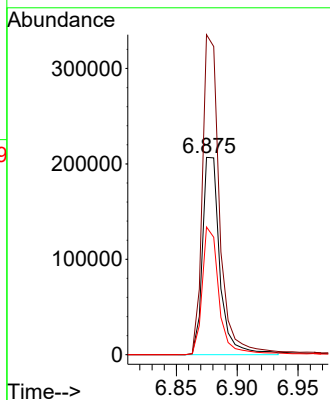
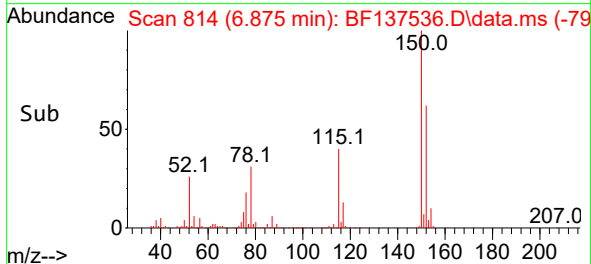


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 814
Delta R.T. 0.012 min
Lab File: BF137536.D
Acq: 07 Mar 2024 18:19

Instrument :
BNA_F
ClientSampleId :
COMP-5

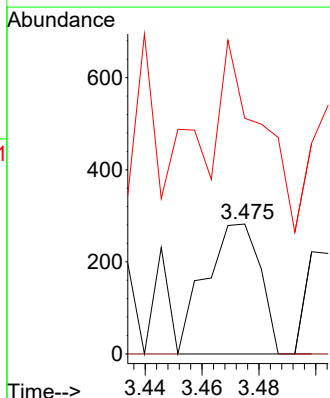
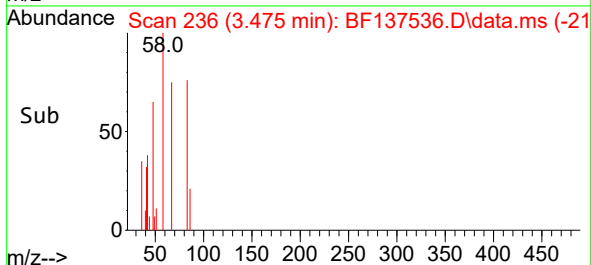
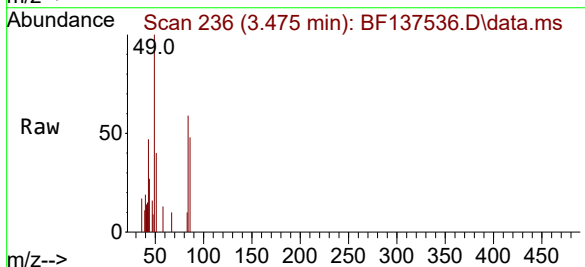


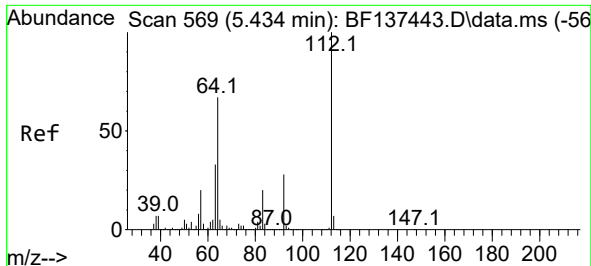
Tgt Ion:152 Resp: 204830
Ion Ratio Lower Upper
152 100
150 162.2 125.8 188.6
115 64.7 48.8 73.2



#4
n-Nitrosodimethylamine
Concen: 3.856 ng
RT: 3.475 min Scan# 236
Delta R.T. 0.006 min
Lab File: BF137536.D
Acq: 07 Mar 2024 18:19

Tgt Ion: 42 Resp: 377
Ion Ratio Lower Upper
42 100
74 0.0 114.0 171.0#
44 181.6 7.0 10.4#

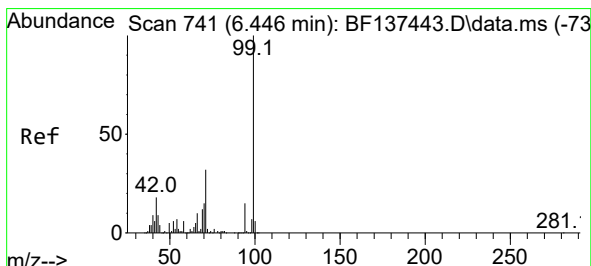
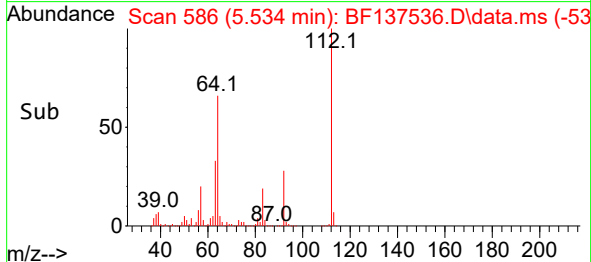
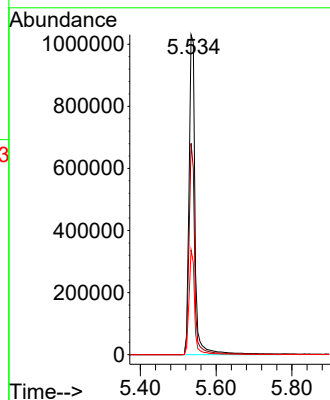
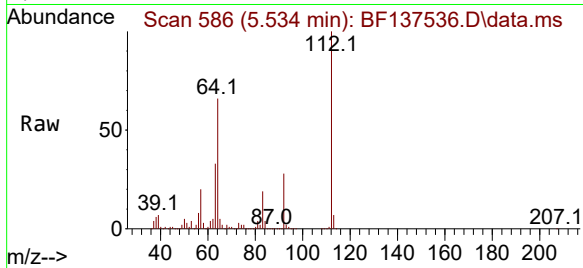




#5
2-Fluorophenol
Concen: 83.692 ng
RT: 5.534 min Scan# 51
Delta R.T. 0.018 min
Lab File: BF137536.D
Acq: 07 Mar 2024 18:19

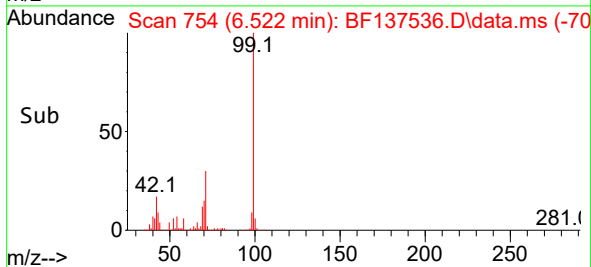
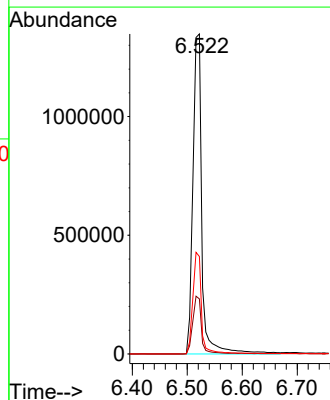
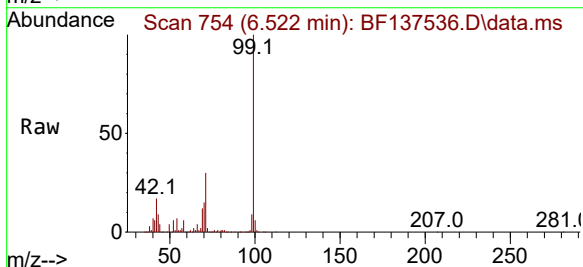
Instrument :
BNA_F
ClientSampleId :
COMP-5

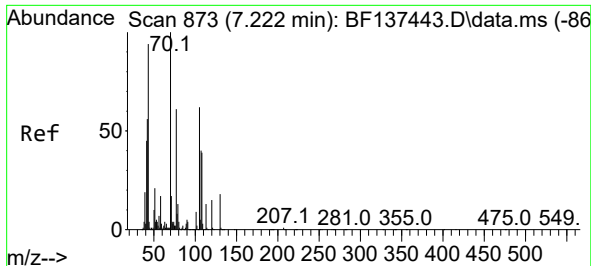
Tgt Ion:112 Resp: 1131878
Ion Ratio Lower Upper
112 100
64 66.1 53.4 80.2
63 32.7 26.2 39.2



#7
Phenol-d6
Concen: 77.913 ng
RT: 6.522 min Scan# 754
Delta R.T. 0.012 min
Lab File: BF137536.D
Acq: 07 Mar 2024 18:19

Tgt Ion: 99 Resp: 1521001
Ion Ratio Lower Upper
99 100
42 17.2 14.6 21.8
71 30.5 25.3 37.9



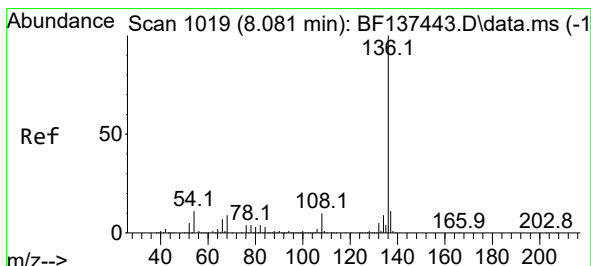
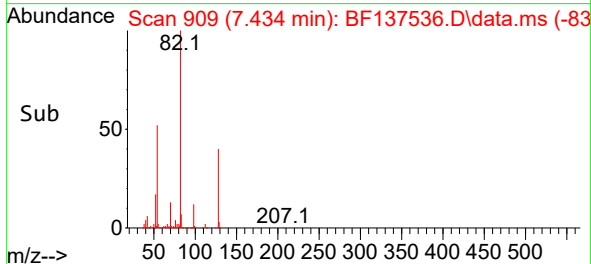
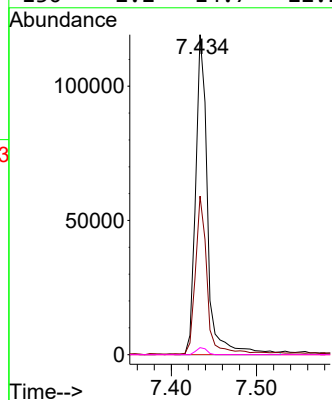
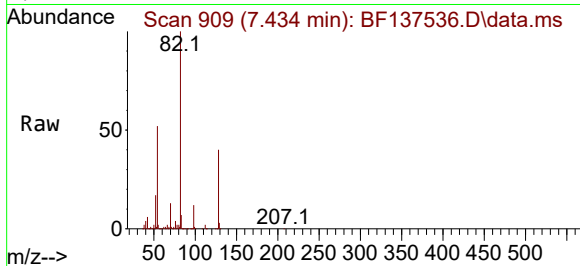


#19
n-Nitroso-di-n-propylamine
Concen: 9.702 ng
RT: 7.434 min Scan# 90
Delta R.T. 0.147 min
Lab File: BF137536.D
Acq: 07 Mar 2024 18:19

Instrument :
BNA_F
ClientSampleId :
COMP-5

Tgt Ion: 70 Resp: 116952

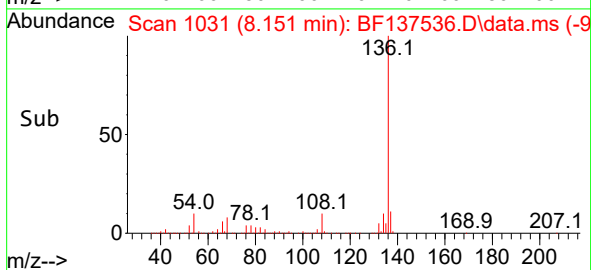
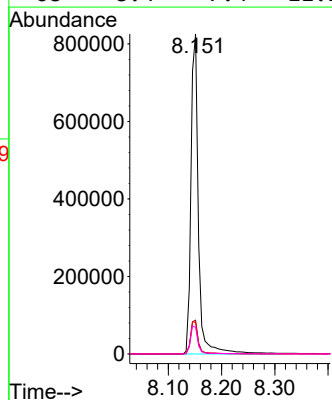
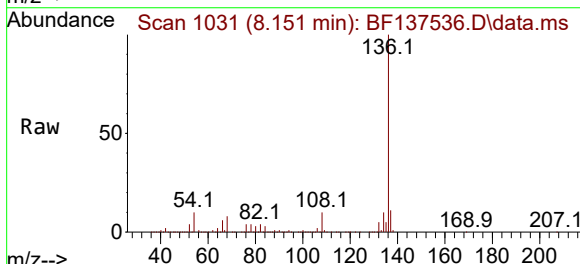
Ion	Ratio	Lower	Upper
70	100		
42	49.6	45.2	67.8
101	0.0	7.3	10.9#
130	2.2	14.7	22.1#

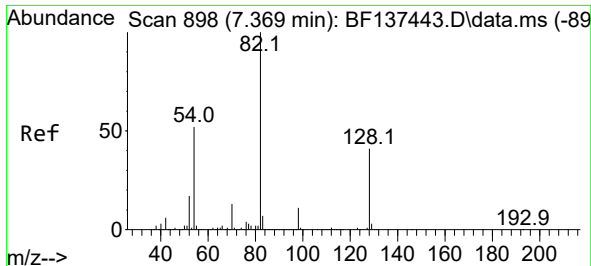


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 1031
Delta R.T. 0.012 min
Lab File: BF137536.D
Acq: 07 Mar 2024 18:19

Tgt Ion: 136 Resp: 805932

Ion	Ratio	Lower	Upper
136	100		
137	10.5	9.1	13.7
54	9.8	8.5	12.7
68	8.4	7.4	11.2

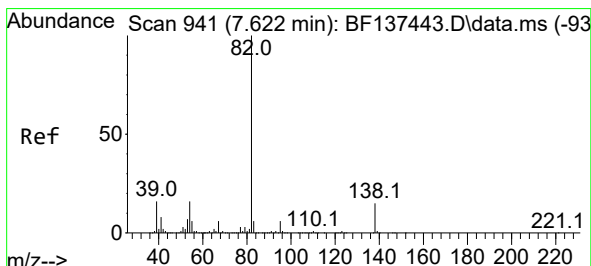
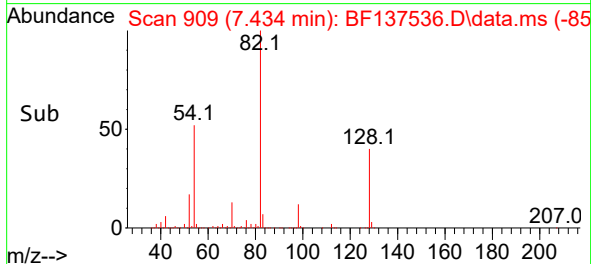
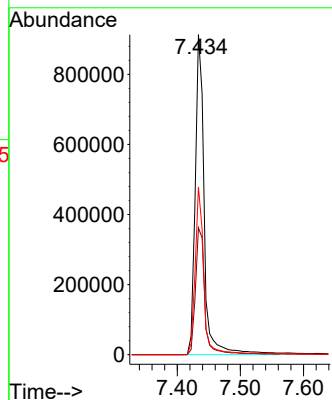
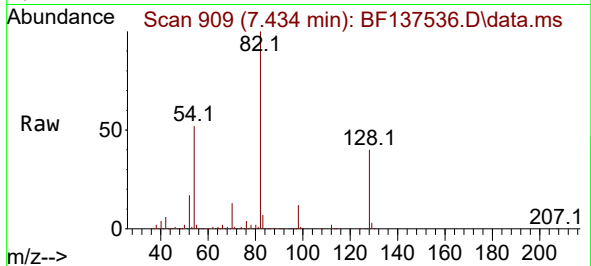




#23
Nitrobenzene-d5
Concen: 52.324 ng
RT: 7.434 min Scan# 909
Delta R.T. 0.006 min
Lab File: BF137536.D
Acq: 07 Mar 2024 18:19

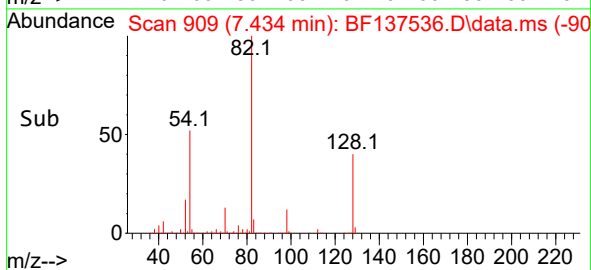
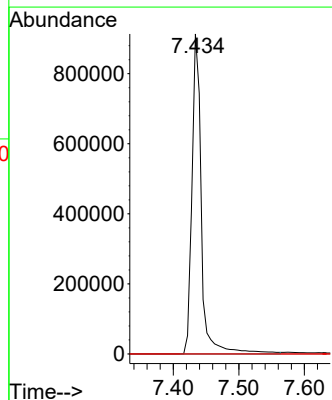
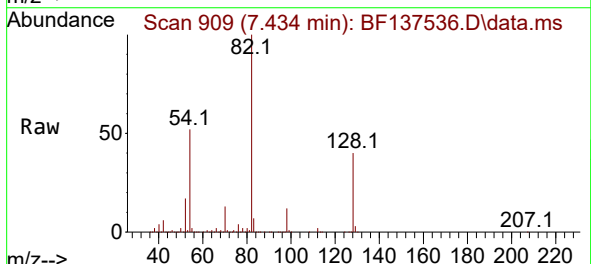
Instrument :
BNA_F
ClientSampleId :
COMP-5

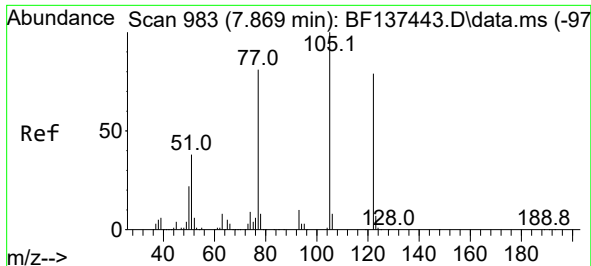
Tgt Ion: 82 Resp: 907579
Ion Ratio Lower Upper
82 100
128 39.6 32.5 48.7
54 52.4 41.5 62.3



#25
Isophorone
Concen: 27.541 ng
RT: 7.434 min Scan# 909
Delta R.T. -0.253 min
Lab File: BF137536.D
Acq: 07 Mar 2024 18:19

Tgt Ion: 82 Resp: 907568
Ion Ratio Lower Upper
82 100
95 0.0 5.1 7.7#
138 0.0 11.8 17.8#

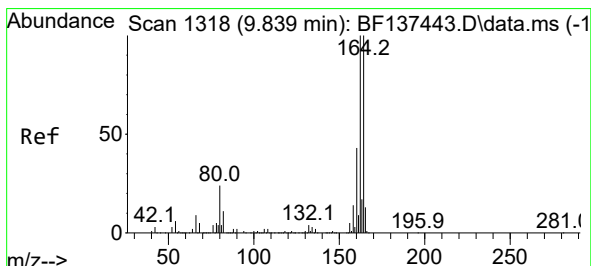
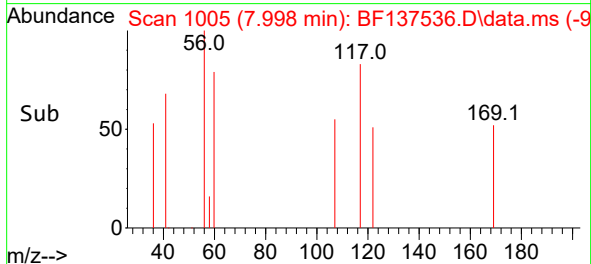
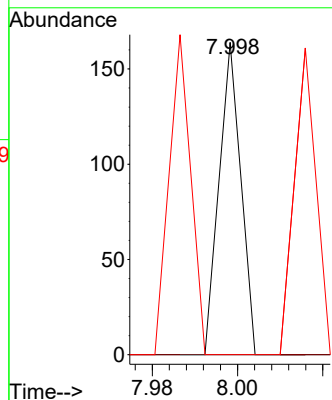
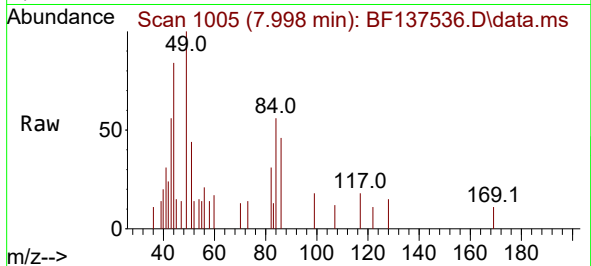




#32
Benzoic acid
Concen: 6.305 ng
RT: 7.998 min Scan# 1005
Delta R.T. 0.059 min
Lab File: BF137536.D
Acq: 07 Mar 2024 18:19

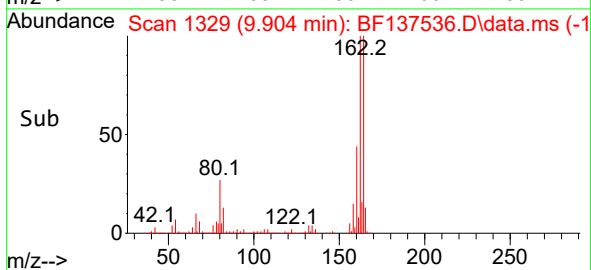
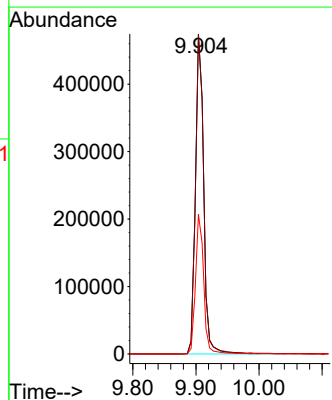
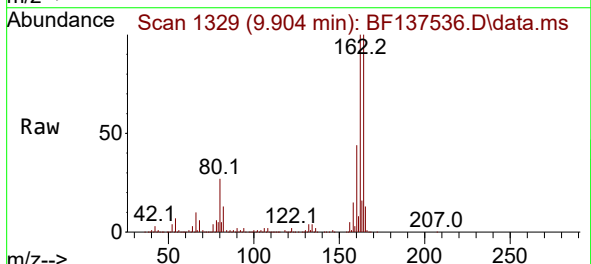
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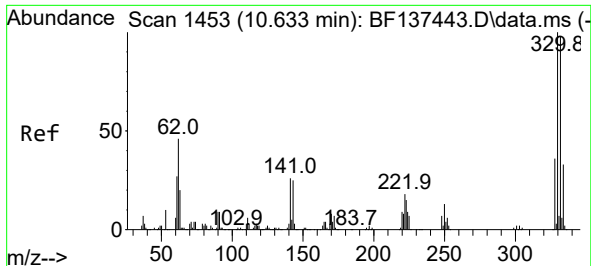
Tgt Ion:122 Resp: 58
Ion Ratio Lower Upper
122 100
105 0.0 102.4 142.4#
77 0.0 81.1 121.1#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.904 min Scan# 1329
Delta R.T. 0.006 min
Lab File: BF137536.D
Acq: 07 Mar 2024 18:19

Tgt Ion:164 Resp: 430659
Ion Ratio Lower Upper
164 100
162 99.8 79.8 119.8
160 43.6 34.4 51.6

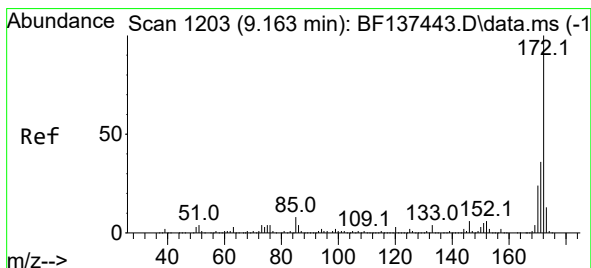
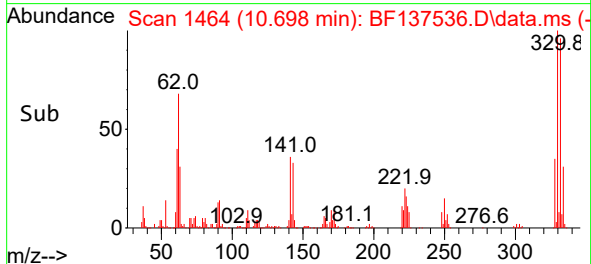
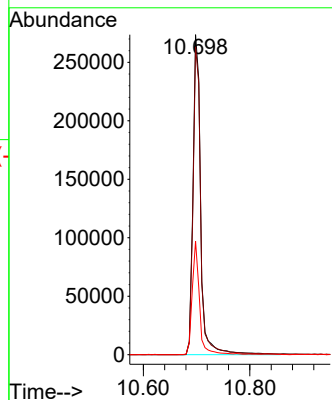
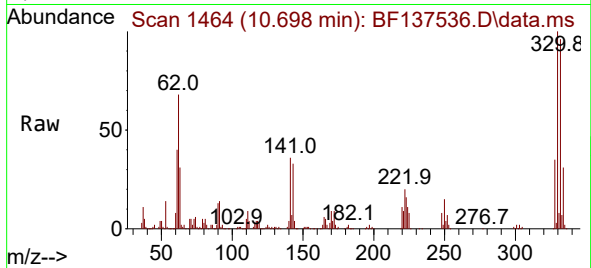




#42
2,4,6-Tribromophenol
Concen: 73.157 ng
RT: 10.698 min Scan# 1453
Delta R.T. 0.006 min
Lab File: BF137536.D
Acq: 07 Mar 2024 18:19

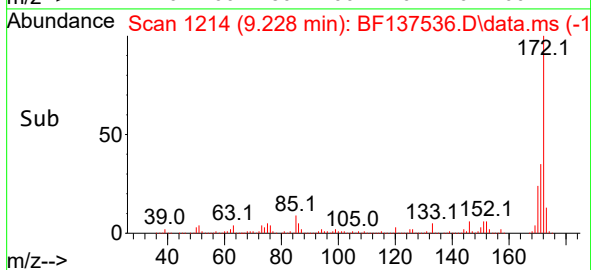
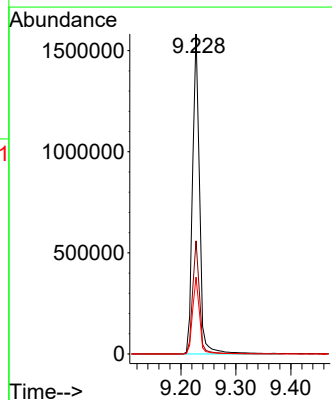
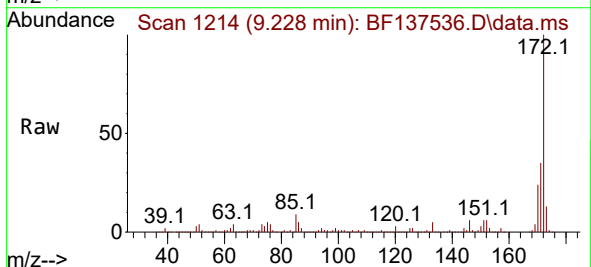
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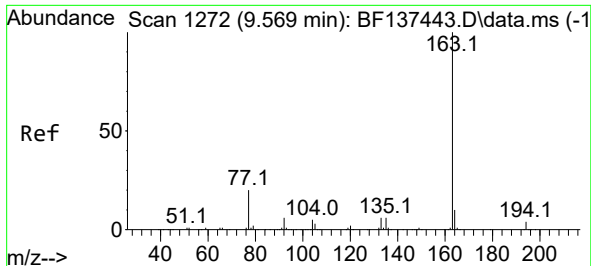
Tgt Ion:330 Resp: 276673
Ion Ratio Lower Upper
330 100
332 96.5 78.0 117.0
141 33.5 27.3 40.9



#45
2-Fluorobiphenyl
Concen: 50.940 ng
RT: 9.228 min Scan# 1214
Delta R.T. 0.006 min
Lab File: BF137536.D
Acq: 07 Mar 2024 18:19

Tgt Ion:172 Resp: 1401440
Ion Ratio Lower Upper
172 100
171 35.4 28.5 42.7
170 24.0 19.0 28.6

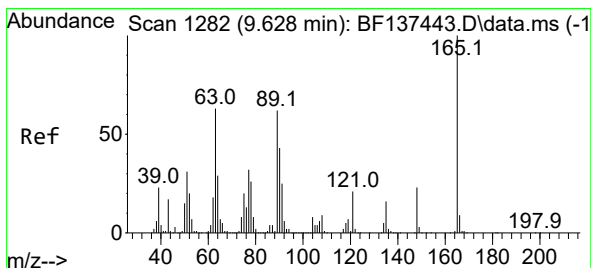
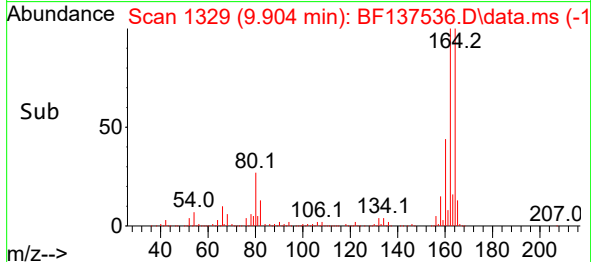
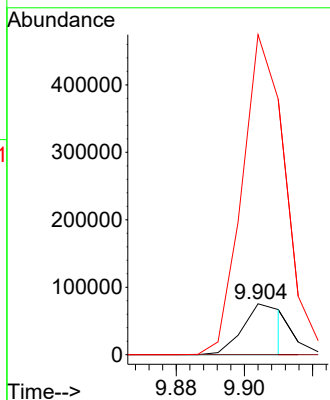
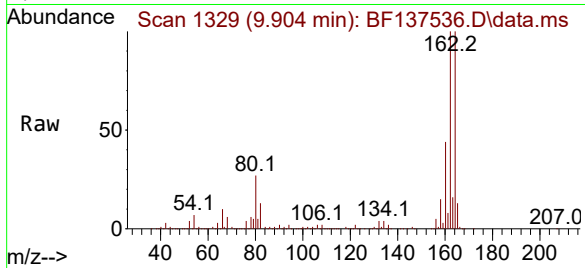




#50
 Dimethylphthalate
 Concen: 2.054 ng
 RT: 9.904 min Scan# 1329
 Delta R.T. 0.277 min
 Lab File: BF137536.D
 Acq: 07 Mar 2024 18:19

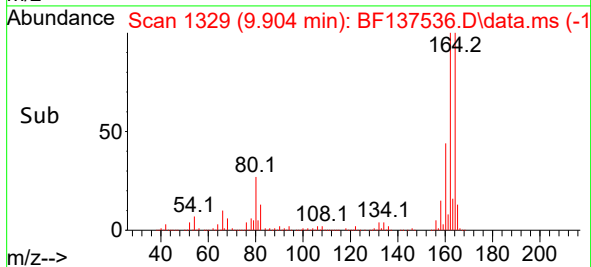
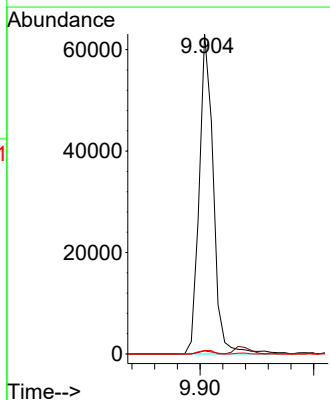
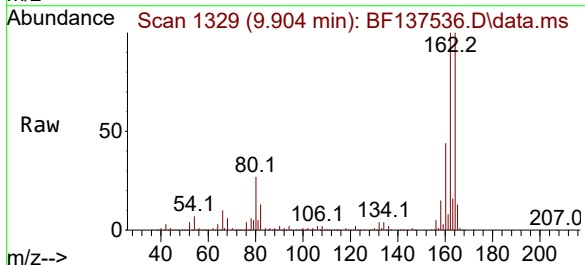
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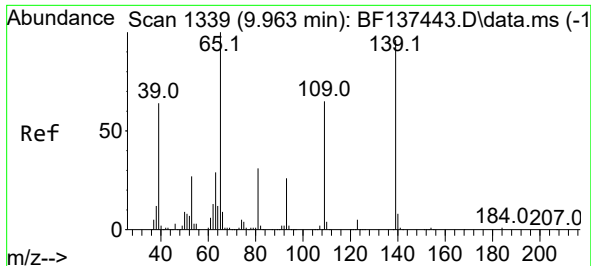
Tgt Ion:163 Resp: 61565
 Ion Ratio Lower Upper
 163 100
 194 0.0 3.3 4.9#
 164 628.0 8.1 12.1#



#51
 2,6-Dinitrotoluene
 Concen: 8.712 ng
 RT: 9.904 min Scan# 1329
 Delta R.T. 0.212 min
 Lab File: BF137536.D
 Acq: 07 Mar 2024 18:19

Tgt Ion:165 Resp: 54628
 Ion Ratio Lower Upper
 165 100
 63 1.0 50.7 76.1#
 89 1.1 50.0 75.0#

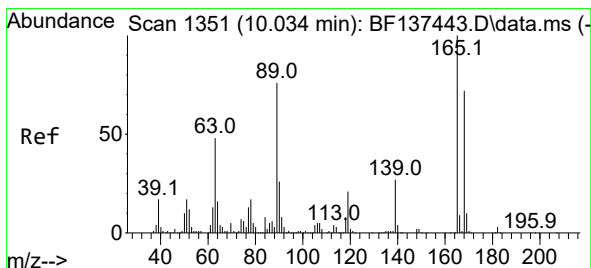
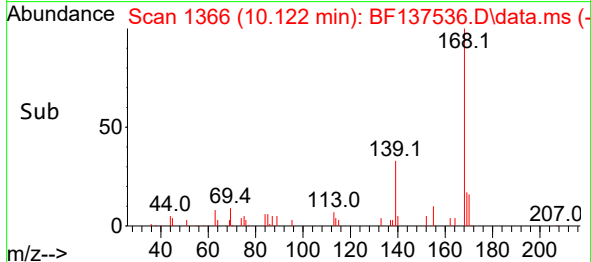
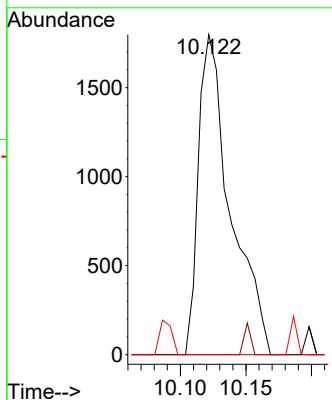
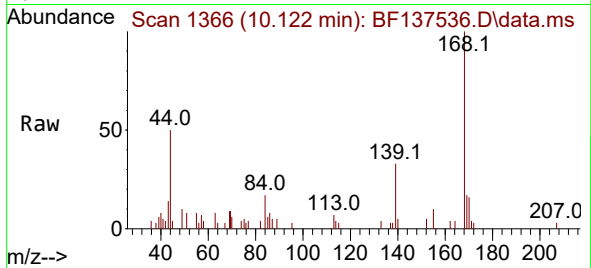




#56
4-Nitrophenol
Concen: 5.138 ng
RT: 10.122 min Scan# 1
Delta R.T. 0.094 min
Lab File: BF137536.D
Acq: 07 Mar 2024 18:19

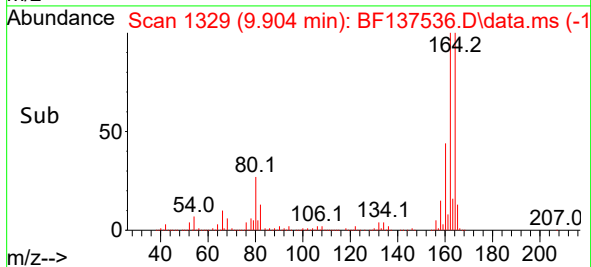
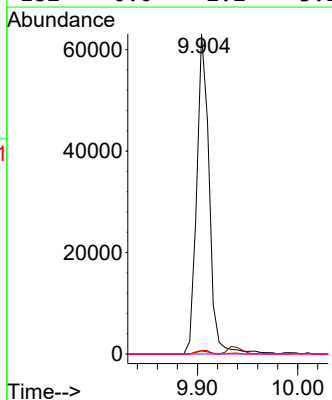
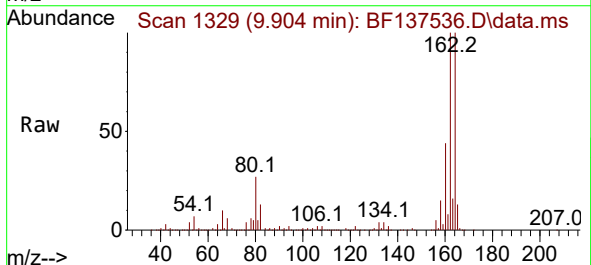
Instrument :
BNA_F
ClientSampleId :
COMP-5

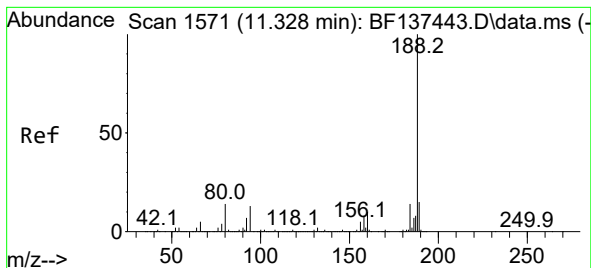
Tgt Ion:139 Resp: 3061
Ion Ratio Lower Upper
139 100
109 0.0 47.1 87.1#
65 0.0 85.1 125.1#



#57
2,4-Dinitrotoluene
Concen: 7.103 ng
RT: 9.904 min Scan# 1329
Delta R.T. -0.194 min
Lab File: BF137536.D
Acq: 07 Mar 2024 18:19

Tgt Ion:165 Resp: 54718
Ion Ratio Lower Upper
165 100
63 1.0 39.0 58.6#
89 1.1 60.9 91.3#
182 0.0 2.2 3.2#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.398 min Scan# 1

Delta R.T. 0.006 min

Lab File: BF137536.D

Acq: 07 Mar 2024 18:19

Instrument :

BNA_F

ClientSampleId :

COMP-5

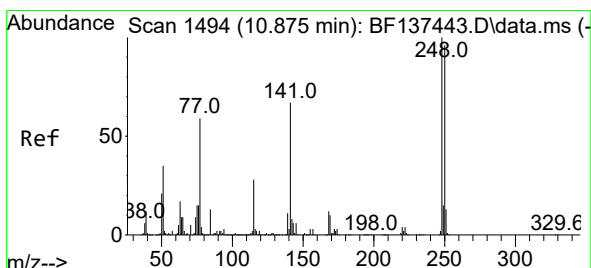
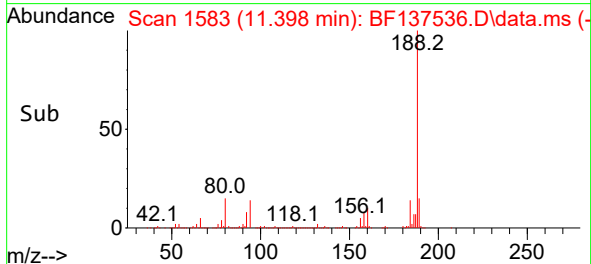
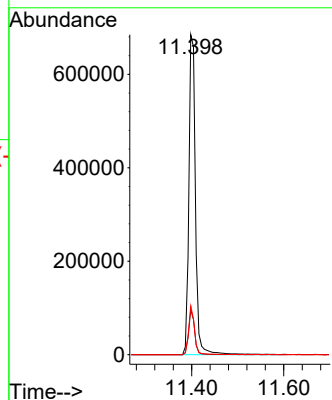
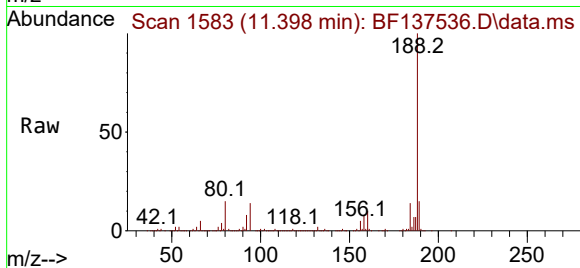
Tgt Ion:188 Resp: 677472

Ion Ratio Lower Upper

188 100

94 14.0 10.6 15.8

80 15.2 11.5 17.3



#67

4-Bromophenyl-phenylether

Concen: 2.629 ng

RT: 10.698 min Scan# 1464

Delta R.T. -0.241 min

Lab File: BF137536.D

Acq: 07 Mar 2024 18:19

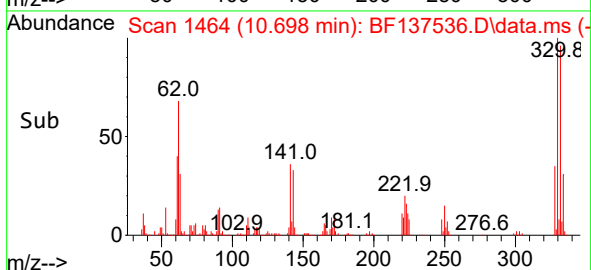
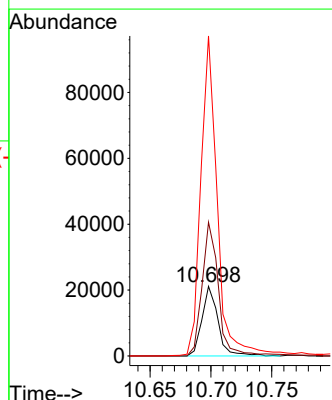
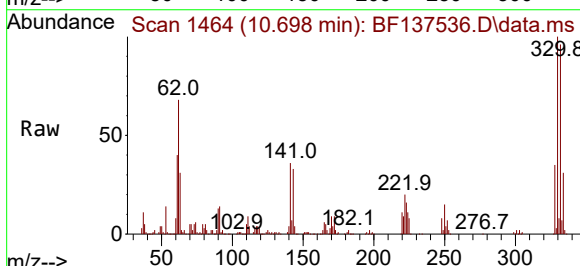
Tgt Ion:248 Resp: 19398

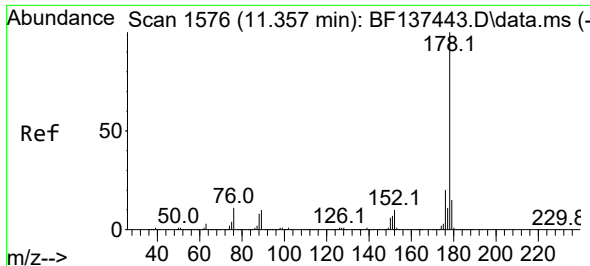
Ion Ratio Lower Upper

248 100

250 192.2 76.8 115.2#

141 459.8 53.4 80.0#

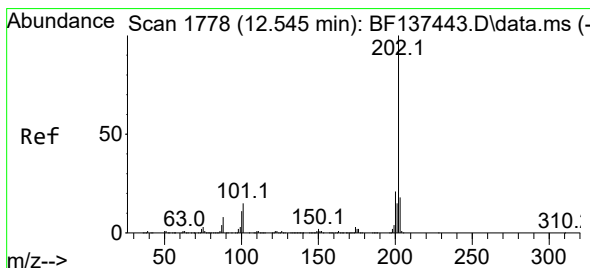
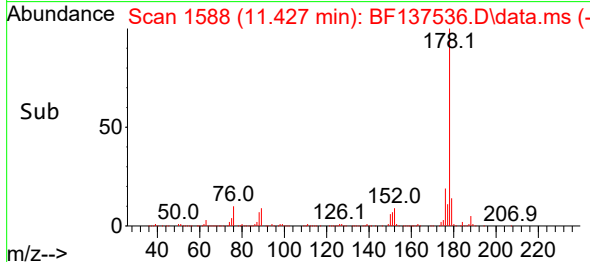
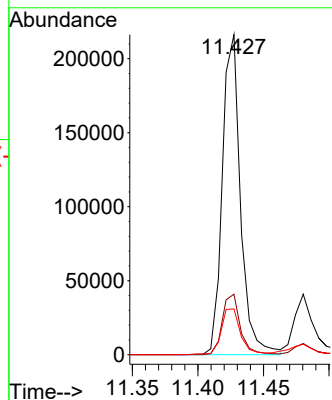
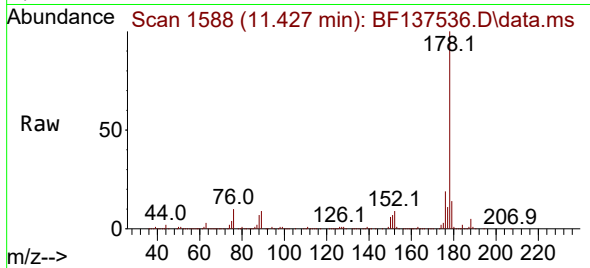




#71
Phenanthrene
Concen: 5.649 ng
RT: 11.427 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF137536.D
Acq: 07 Mar 2024 18:19

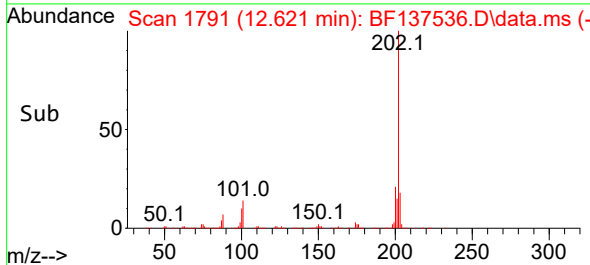
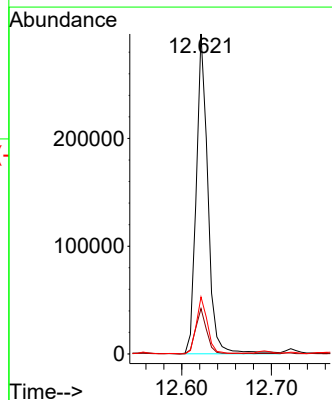
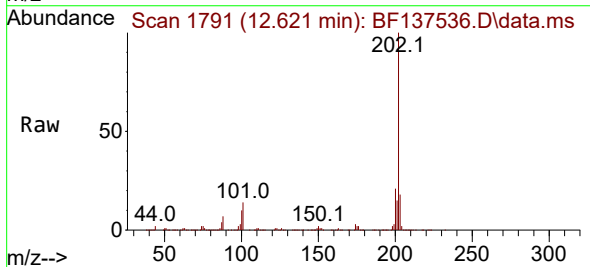
Instrument :
BNA_F
ClientSampleId :
COMP-5

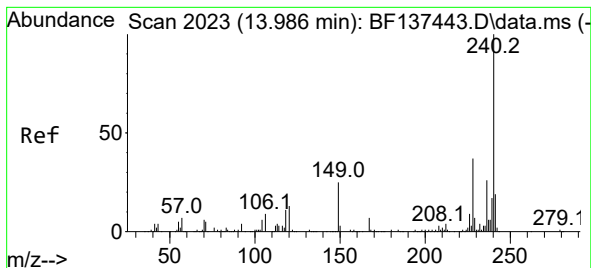
Tgt Ion:178 Resp: 208261
Ion Ratio Lower Upper
178 100
176 18.9 15.8 23.8
179 14.3 12.2 18.2



#75
Fluoranthene
Concen: 7.382 ng
RT: 12.621 min Scan# 1791
Delta R.T. 0.006 min
Lab File: BF137536.D
Acq: 07 Mar 2024 18:19

Tgt Ion:202 Resp: 266042
Ion Ratio Lower Upper
202 100
101 14.2 0.0 35.0
203 17.8 0.0 37.7





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.063 min Scan# 20

Delta R.T. 0.006 min

Lab File: BF137536.D

Acq: 07 Mar 2024 18:19

Instrument :

BNA_F

ClientSampleId :

COMP-5

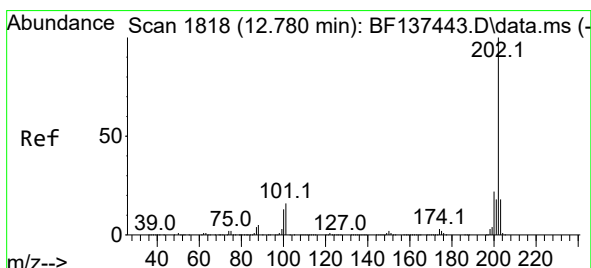
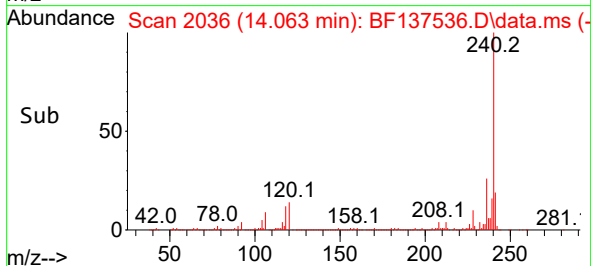
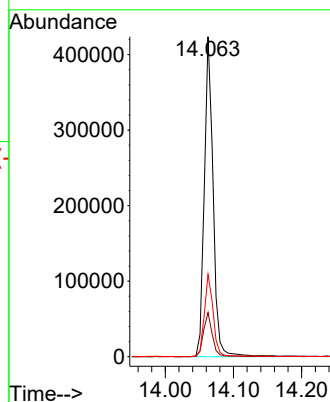
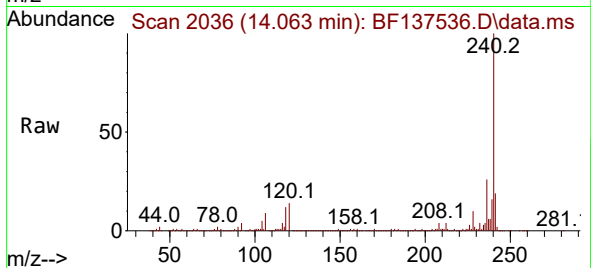
Tgt Ion:240 Resp: 381475

Ion Ratio Lower Upper

240 100

120 13.8 10.4 15.6

236 25.7 20.9 31.3



#78

Pyrene

Concen: 6.012 ng

RT: 12.851 min Scan# 1830

Delta R.T. 0.006 min

Lab File: BF137536.D

Acq: 07 Mar 2024 18:19

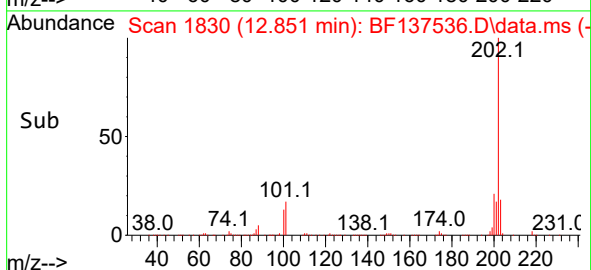
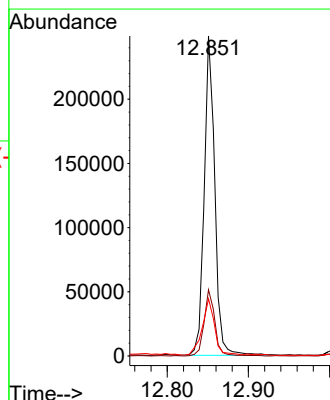
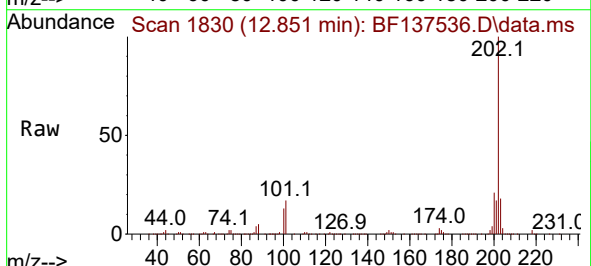
Tgt Ion:202 Resp: 225019

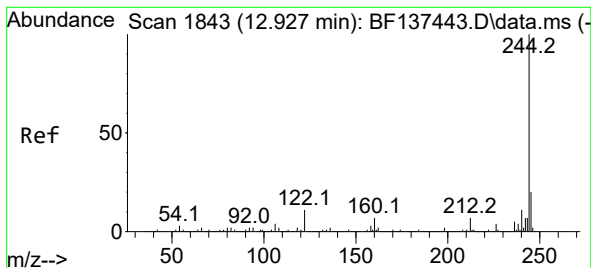
Ion Ratio Lower Upper

202 100

200 20.7 17.4 26.2

203 17.8 14.1 21.1





#79

Terphenyl-d14

Concen: 43.451 ng

RT: 13.004 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF137536.D

Acq: 07 Mar 2024 18:19

Instrument :

BNA_F

ClientSampleId :

COMP-5

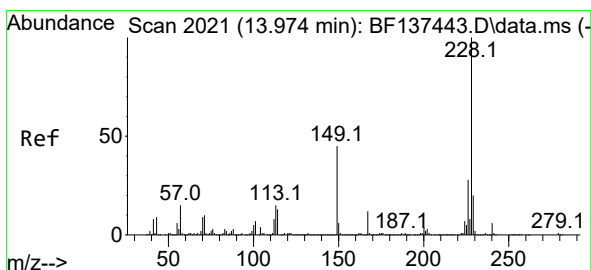
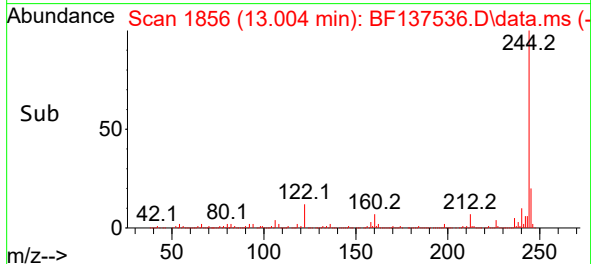
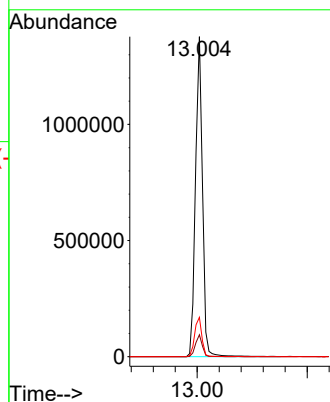
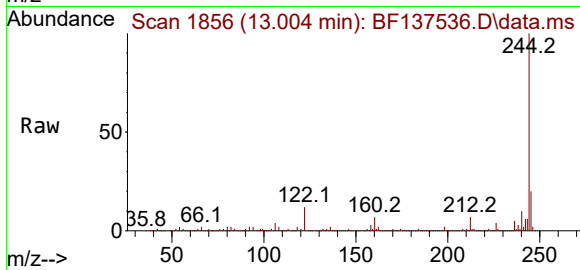
Tgt Ion:244 Resp: 1205407

Ion Ratio Lower Upper

244 100

212 6.8 5.4 8.2

122 12.3 9.1 13.7



#81

Benzo(a)anthracene

Concen: 4.329 ng

RT: 14.051 min Scan# 2034

Delta R.T. 0.006 min

Lab File: BF137536.D

Acq: 07 Mar 2024 18:19

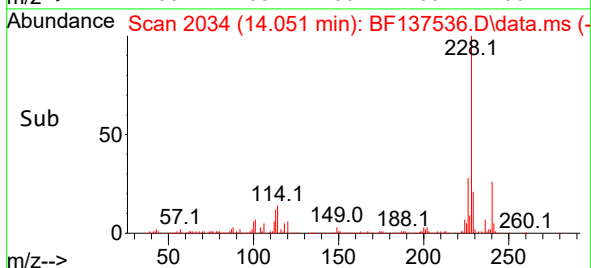
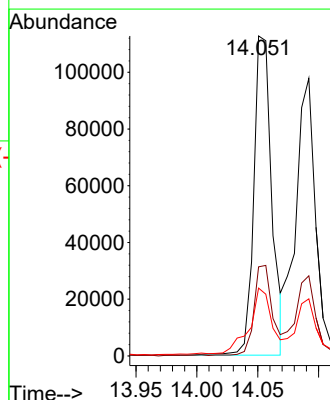
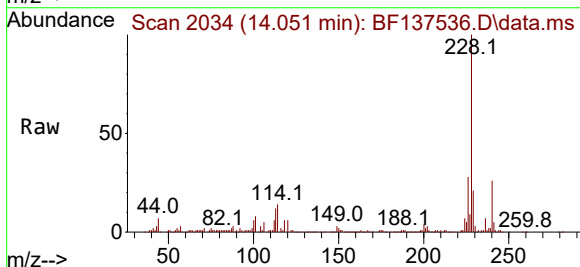
Tgt Ion:228 Resp: 115757

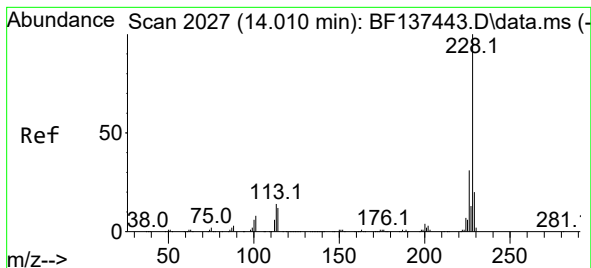
Ion Ratio Lower Upper

228 100

226 27.8 22.3 33.5

229 21.2 16.3 24.5





#83

Chrysene

Concen: 4.209 ng

RT: 14.092 min Scan# 2027

Delta R.T. 0.006 min

Lab File: BF137536.D

Acq: 07 Mar 2024 18:19

Instrument :

BNA_F

ClientSampleId :

COMP-5

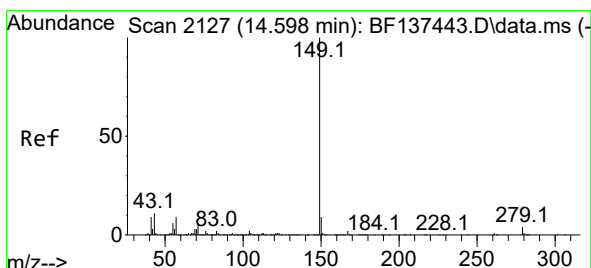
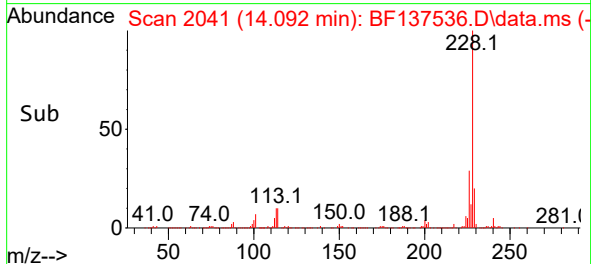
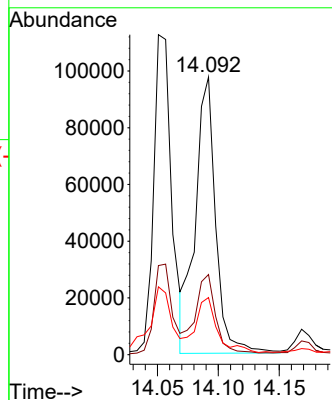
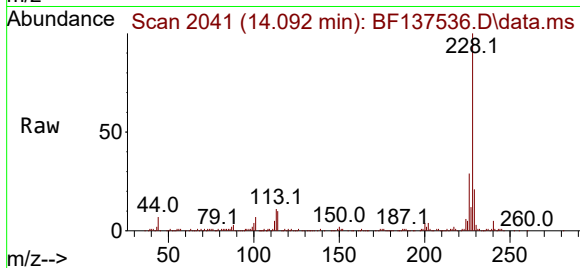
Tgt Ion:228 Resp: 113727

Ion Ratio Lower Upper

228 100

226 28.9 24.7 37.1

229 20.6 15.9 23.9



#85

Di-n-octyl phthalate

Concen: 5.630 ng

RT: 14.680 min Scan# 2141

Delta R.T. 0.012 min

Lab File: BF137536.D

Acq: 07 Mar 2024 18:19

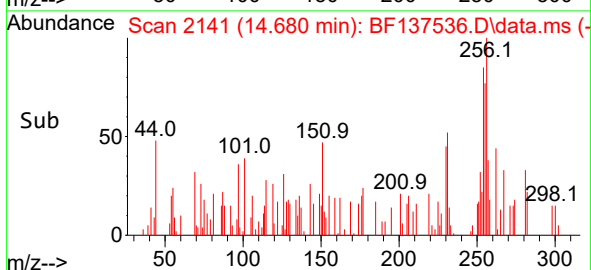
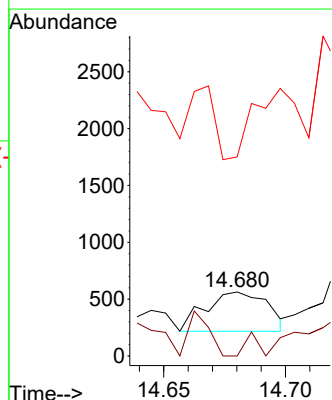
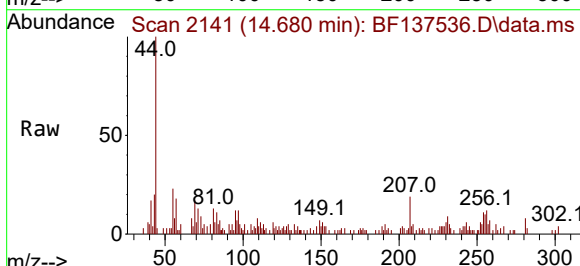
Tgt Ion:149 Resp: 618

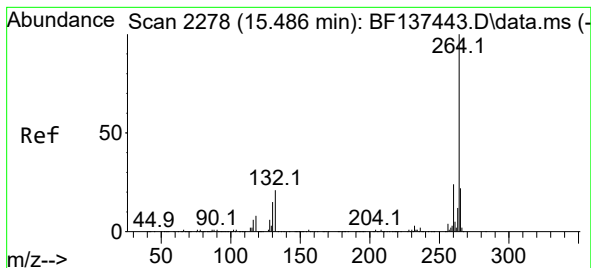
Ion Ratio Lower Upper

149 100

167 12.0 1.2 1.8#

43 125.4 9.6 14.4#





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.604 min Scan# 2298

Delta R.T. 0.018 min

Lab File: BF137536.D

Acq: 07 Mar 2024 18:19

Instrument :

BNA_F

ClientSampleId :

COMP-5

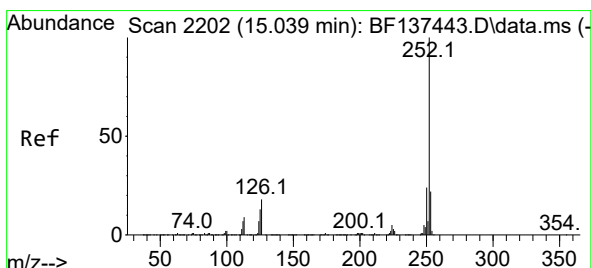
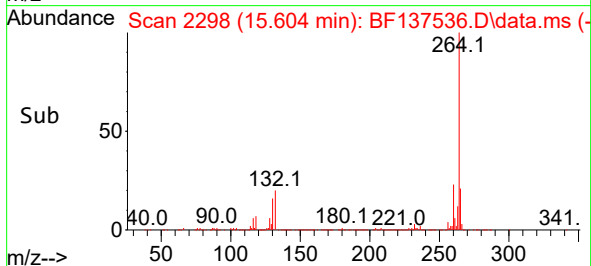
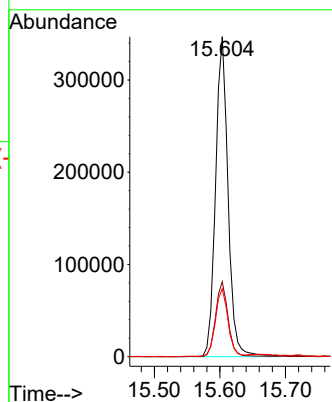
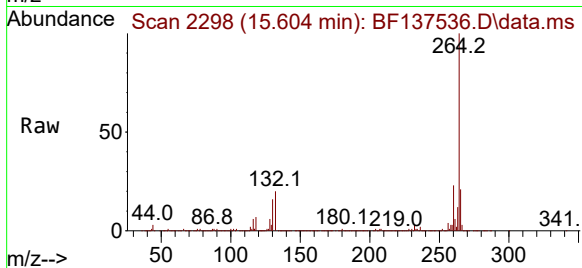
Tgt Ion:264 Resp: 459437

Ion Ratio Lower Upper

264 100

260 23.4 19.3 28.9

265 21.2 17.4 26.0



#88

Benzo(b)fluoranthene

Concen: 7.086 ng

RT: 15.145 min Scan# 2220

Delta R.T. 0.012 min

Lab File: BF137536.D

Acq: 07 Mar 2024 18:19

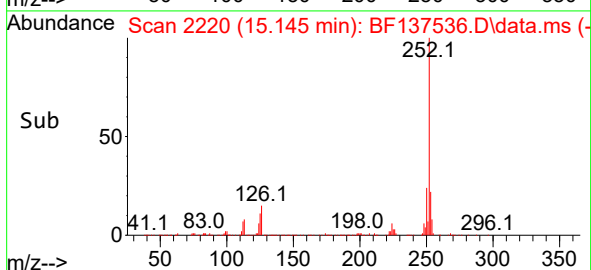
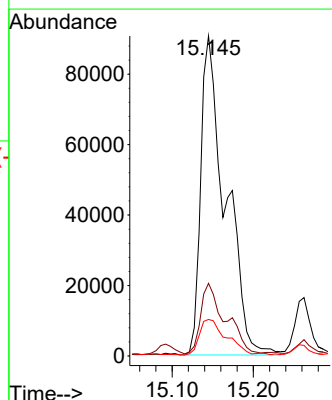
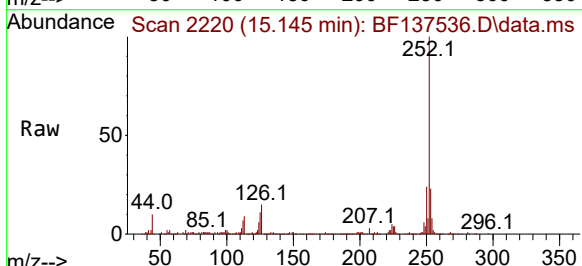
Tgt Ion:252 Resp: 192584

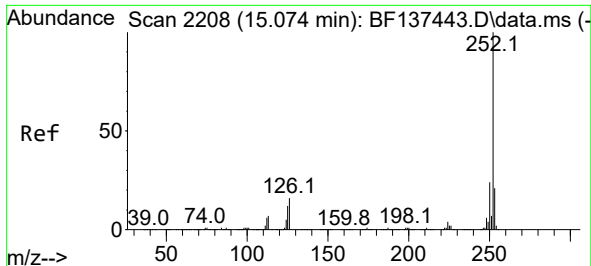
Ion Ratio Lower Upper

252 100

253 22.7 17.8 26.8

125 11.4 10.1 15.1

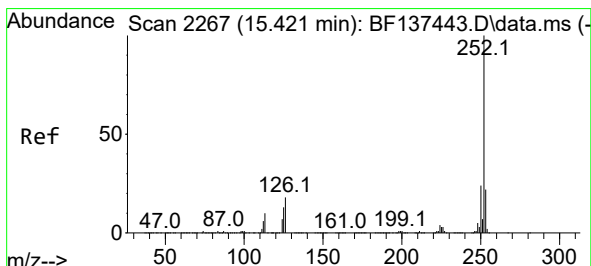
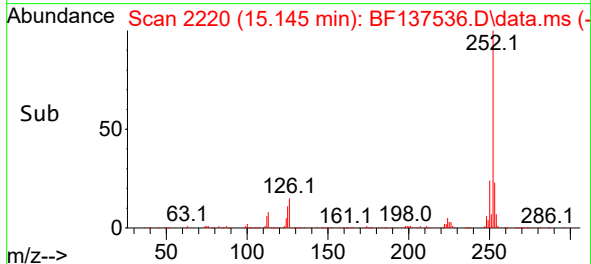
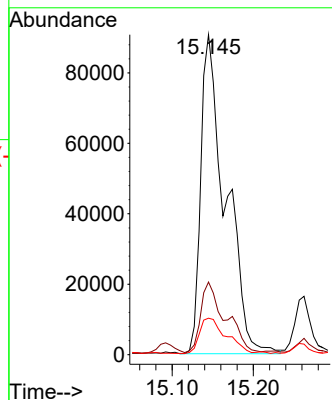
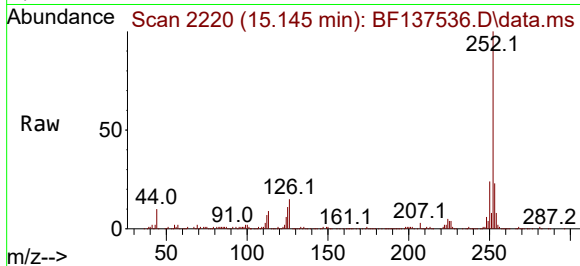




#89
Benzo(k)fluoranthene
Concen: 6.597 ng
RT: 15.145 min Scan# 211
Delta R.T. -0.018 min
Lab File: BF137536.D
Acq: 07 Mar 2024 18:19

Instrument :
BNA_F
ClientSampleId :
COMP-5

Tgt Ion:252 Resp: 192584
Ion Ratio Lower Upper
252 100
253 22.7 17.3 25.9
125 11.4 9.6 14.4



#90
Benzo(a)pyrene
Concen: 3.721 ng
RT: 15.533 min Scan# 2286
Delta R.T. 0.012 min
Lab File: BF137536.D
Acq: 07 Mar 2024 18:19

Tgt Ion:252 Resp: 99652
Ion Ratio Lower Upper
252 100
253 23.2 17.4 26.2
125 12.5 10.4 15.6

