

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031524\
 Data File : BF137617.D
 Acq On : 15 Mar 2024 19:05
 Operator : CG\JU
 Sample : P1771-01DL 5X
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 COMP-1DL

Quant Time: Mar 15 23:24:00 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)

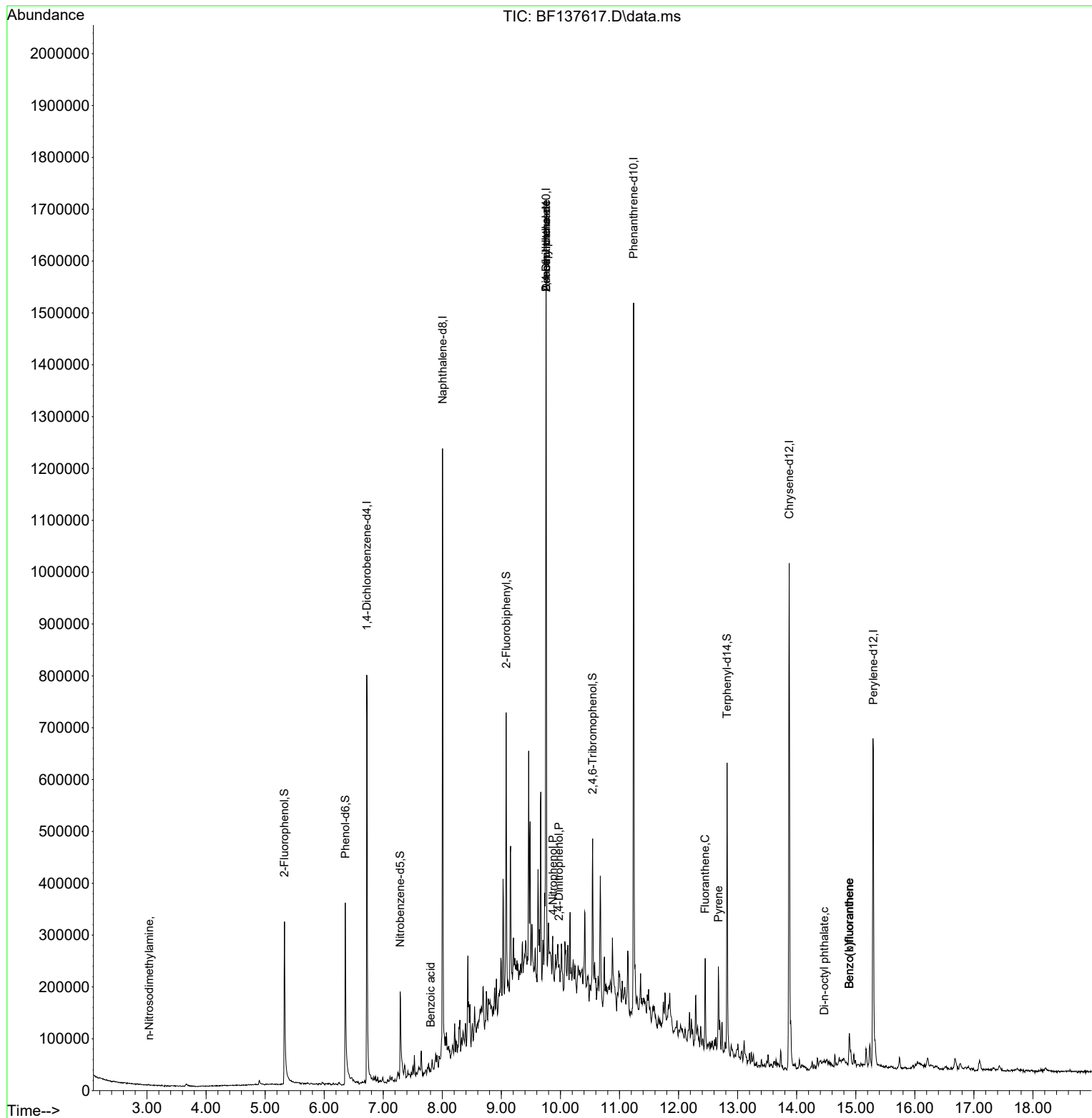
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.722	152	127819	20.000	ng	0.00
21) Naphthalene-d8	8.004	136	502499	20.000	ng	0.00
39) Acenaphthene-d10	9.757	164	278061	20.000	ng	0.00
64) Phenanthrene-d10	11.239	188	499328	20.000	ng	0.00
76) Chrysene-d12	13.874	240	326790	20.000	ng	0.00
86) Perylene-d12	15.298	264	295085	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.328	112	123982	14.691	ng	0.00
7) Phenol-d6	6.357	99	170881	14.027	ng	-0.01
23) Nitrobenzene-d5	7.287	82	91039	8.418	ng	-0.01
42) 2,4,6-Tribromophenol	10.545	330	34573	14.158	ng	0.00
45) 2-Fluorobiphenyl	9.081	172	168545	9.488	ng	0.00
79) Terphenyl-d14	12.822	244	183679	7.729	ng	0.00
Target Compounds						
					Qvalue	
4) n-Nitrosodimethylamine	3.040	42	193	3.848	ng	# 1
32) Benzoic acid	7.804	122	181	6.332	ng	# 1
50) Dimethylphthalate	9.757	163	43902	2.268	ng	# 1
54) 2,4-Dinitrophenol	9.975	184	189	8.311	ng	# 38
56) 4-Nitrophenol	9.875	139	764	4.763	ng	# 1
57) 2,4-Dinitrotoluene	9.757	165	39290	7.899	ng	# 21
75) Fluoranthene	12.451	202	67193	2.530	ng	96
78) Pyrene	12.674	202	69296	2.161	ng	96
85) Di-n-octyl phthalate	14.468	149	755	5.640	ng	# 1
88) Benzo(b)fluoranthene	14.892	252	43790	2.509	ng	96
89) Benzo(k)fluoranthene	14.892	252	43790	2.336	ng	96

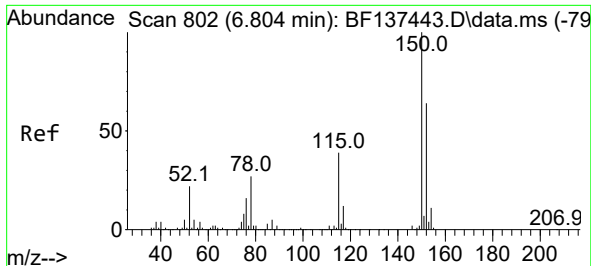
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031524\
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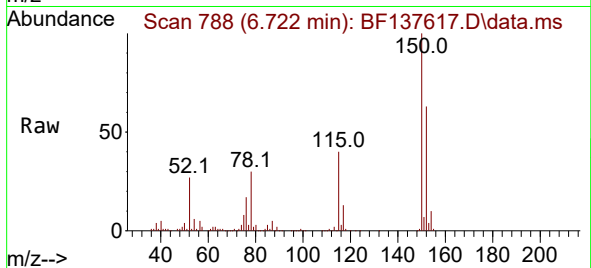
Quant Time: Mar 15 23:24:00 2024
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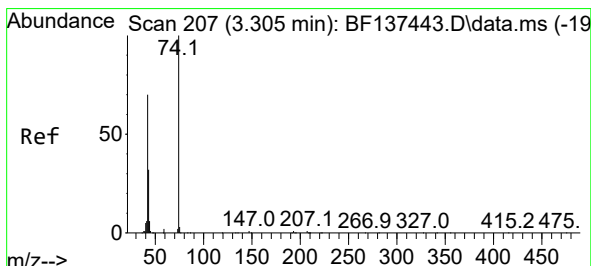
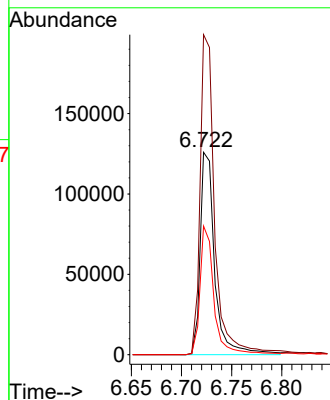
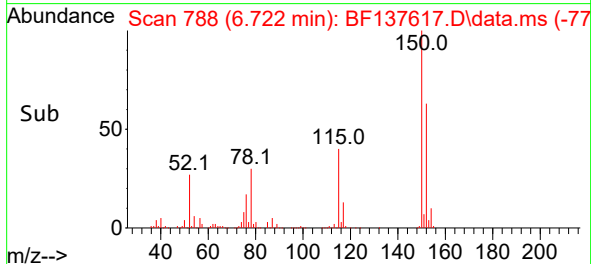


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.722 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF137617.D
Acq: 15 Mar 2024 19:05

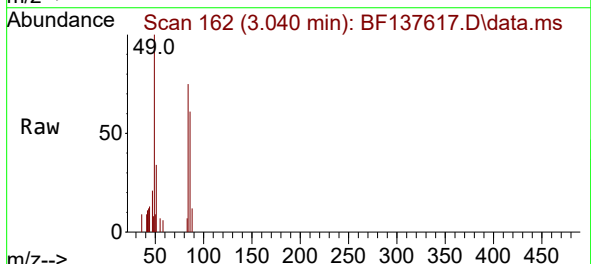
Instrument :
BNA_F
ClientSampleId :
COMP-1DL



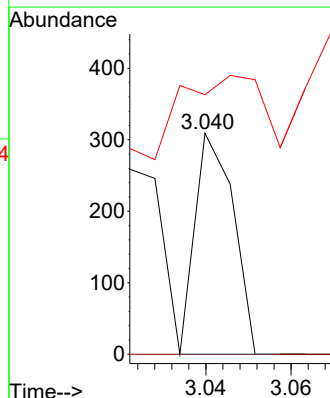
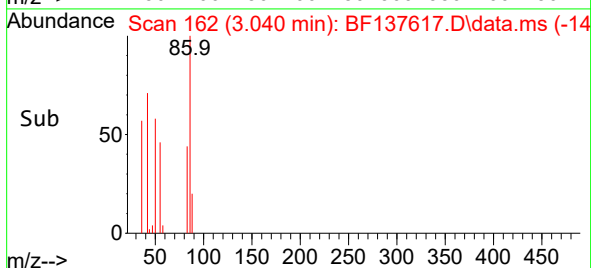
Tgt Ion:152 Resp: 127819
Ion Ratio Lower Upper
152 100
150 158.1 125.8 188.6
115 63.6 48.8 73.2

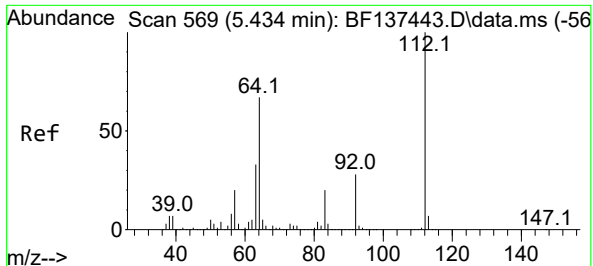


#4
n-Nitrosodimethylamine
Concen: 3.848 ng
RT: 3.040 min Scan# 162
Delta R.T. -0.000 min
Lab File: BF137617.D
Acq: 15 Mar 2024 19:05



Tgt Ion: 42 Resp: 193
Ion Ratio Lower Upper
42 100
74 0.0 114.0 171.0#
44 117.5 7.0 10.4#

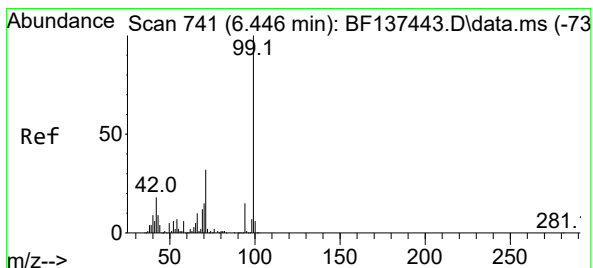
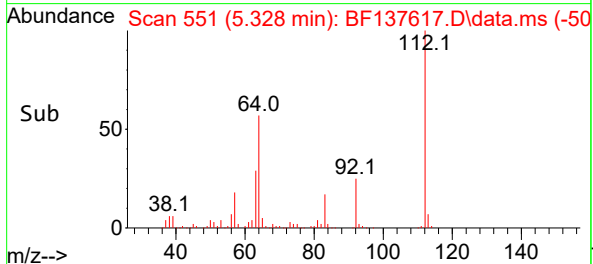
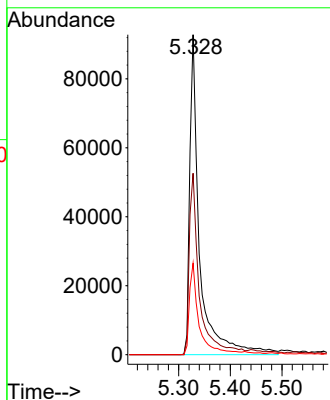
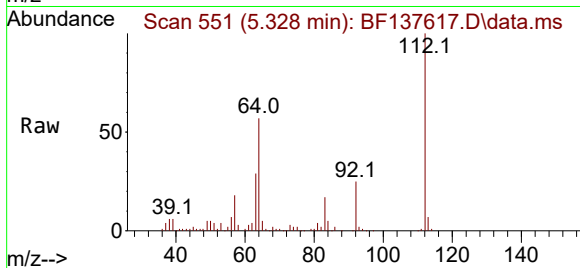




#5
2-Fluorophenol
Concen: 14.691 ng
RT: 5.328 min Scan# 51
Delta R.T. -0.006 min
Lab File: BF137617.D
Acq: 15 Mar 2024 19:05

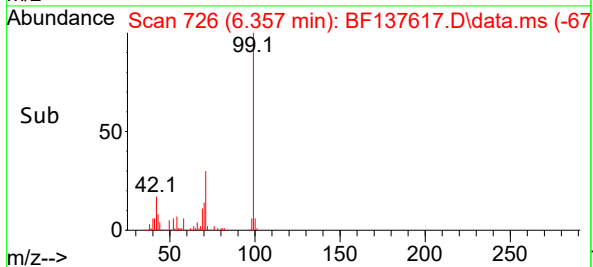
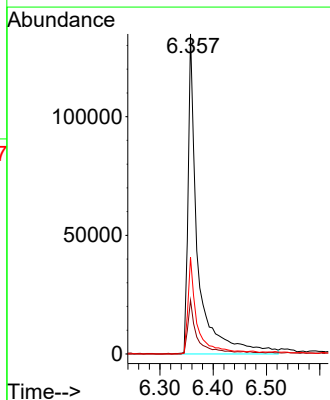
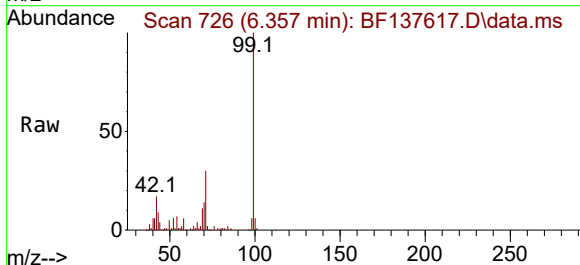
Instrument :
BNA_F
ClientSampleId :
COMP-1DL

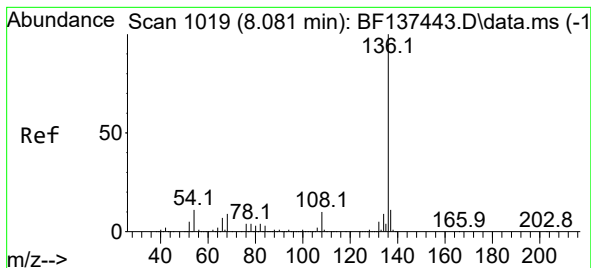
Tgt Ion:112 Resp: 123982
Ion Ratio Lower Upper
112 100
64 56.7 53.4 80.2
63 28.6 26.2 39.2



#7
Phenol-d6
Concen: 14.027 ng
RT: 6.357 min Scan# 726
Delta R.T. -0.012 min
Lab File: BF137617.D
Acq: 15 Mar 2024 19:05

Tgt Ion: 99 Resp: 170881
Ion Ratio Lower Upper
99 100
42 16.8 14.6 21.8
71 30.2 25.3 37.9





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.004 min Scan# 1006

Delta R.T. -0.006 min

Lab File: BF137617.D

Acq: 15 Mar 2024 19:05

Instrument :

BNA_F

ClientSampleId :

COMP-1DL

Tgt Ion:136 Resp: 502499

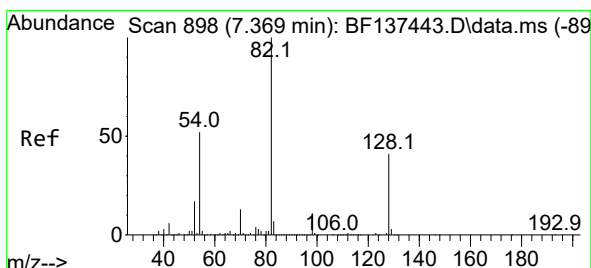
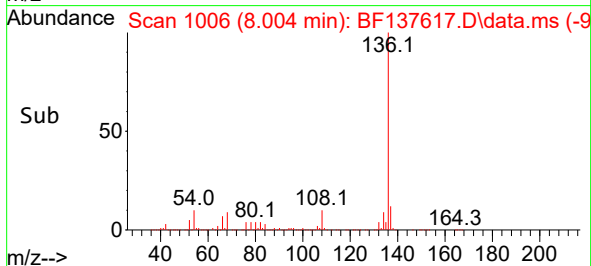
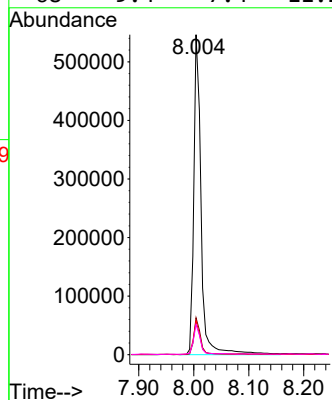
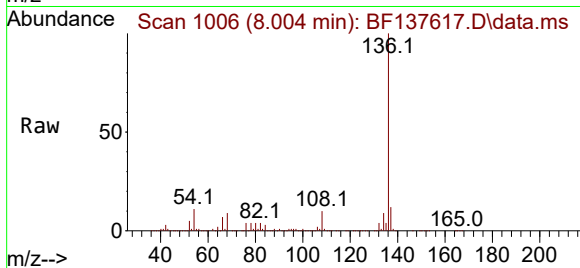
Ion Ratio Lower Upper

136 100

137 11.6 9.1 13.7

54 10.5 8.5 12.7

68 9.4 7.4 11.2



#23

Nitrobenzene-d5

Concen: 8.418 ng

RT: 7.287 min Scan# 884

Delta R.T. -0.012 min

Lab File: BF137617.D

Acq: 15 Mar 2024 19:05

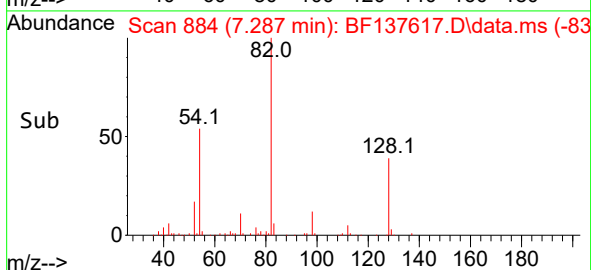
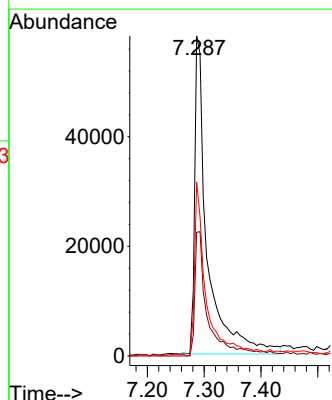
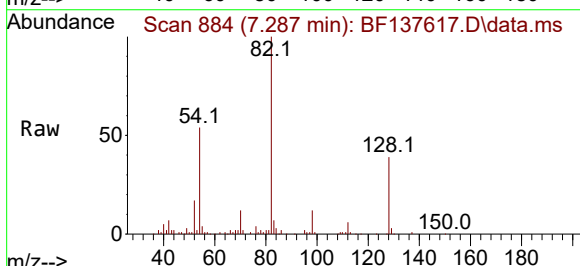
Tgt Ion: 82 Resp: 91039

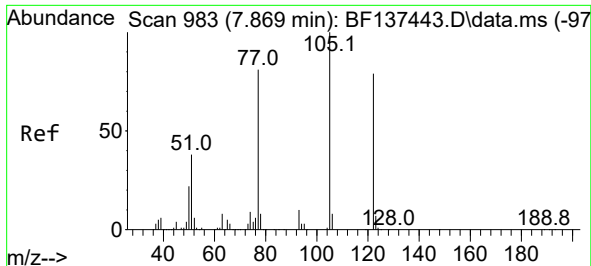
Ion Ratio Lower Upper

82 100

128 38.6 32.5 48.7

54 54.2 41.5 62.3

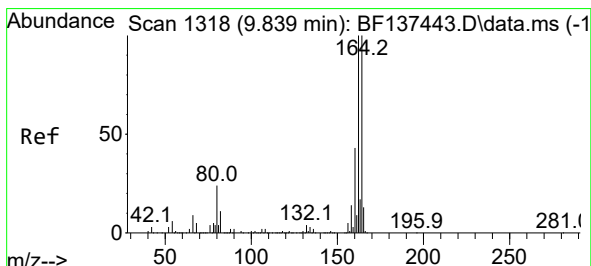
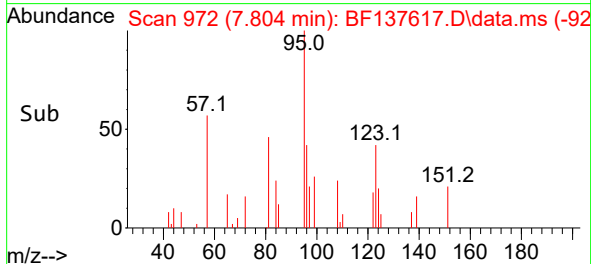
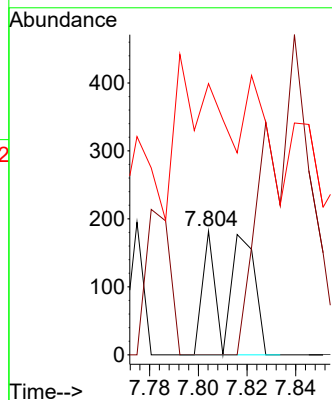
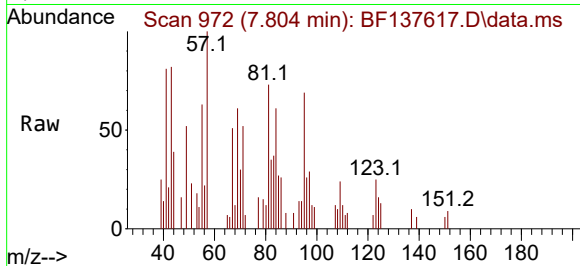




#32
Benzoic acid
Concen: 6.332 ng
RT: 7.804 min Scan# 91
Delta R.T. 0.006 min
Lab File: BF137617.D
Acq: 15 Mar 2024 19:05

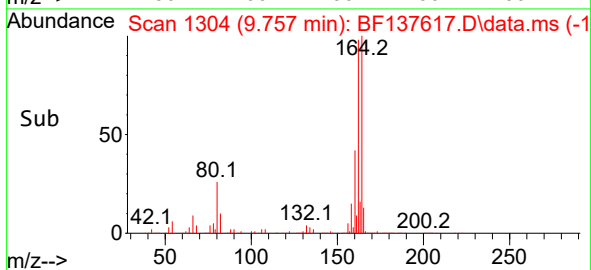
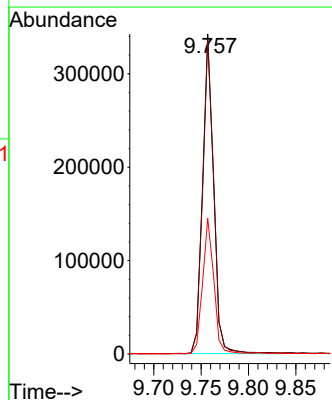
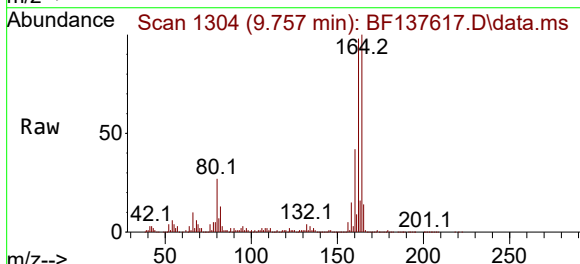
Instrument :
BNA_F
ClientSampleId :
COMP-1DL

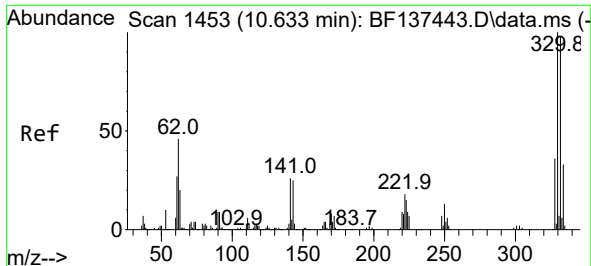
Tgt Ion:122 Resp: 181
Ion Ratio Lower Upper
122 100
105 0.0 102.4 142.4#
77 219.2 81.1 121.1#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.757 min Scan# 1304
Delta R.T. -0.006 min
Lab File: BF137617.D
Acq: 15 Mar 2024 19:05

Tgt Ion:164 Resp: 278061
Ion Ratio Lower Upper
164 100
162 98.2 79.8 119.8
160 42.4 34.4 51.6

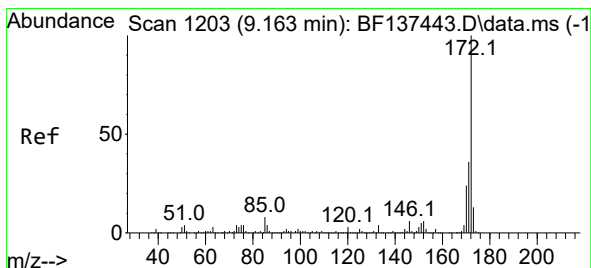
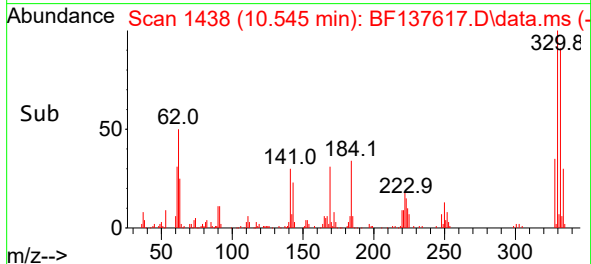
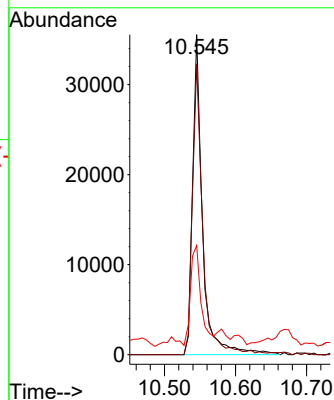
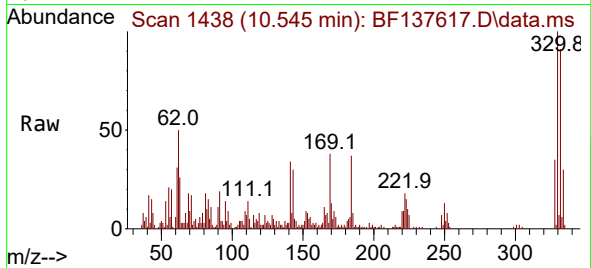




#42
2,4,6-Tribromophenol
Concen: 14.158 ng
RT: 10.545 min Scan# 1453
Delta R.T. -0.006 min
Lab File: BF137617.D
Acq: 15 Mar 2024 19:05

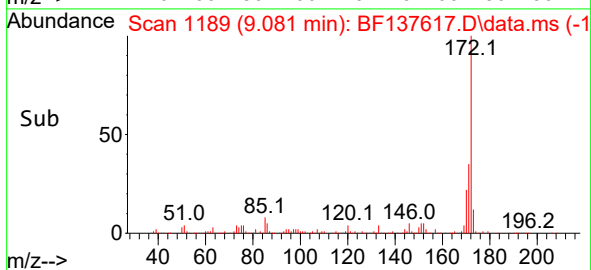
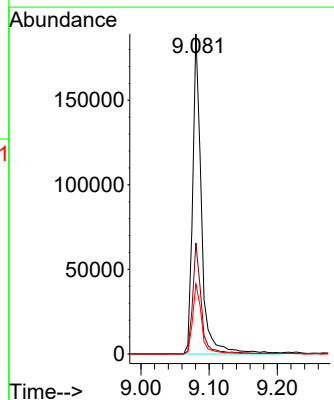
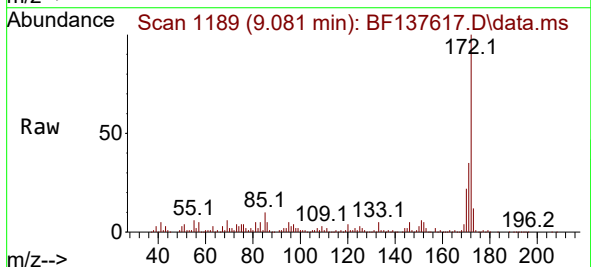
Instrument :
BNA_F
ClientSampleId :
COMP-1DL

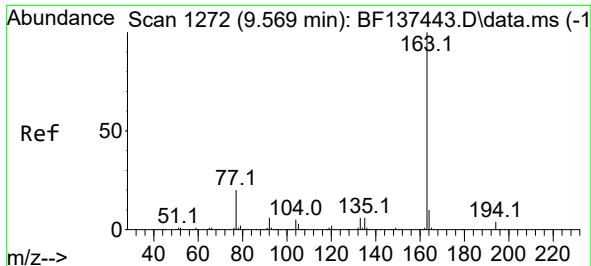
Tgt Ion:330 Resp: 34573
Ion Ratio Lower Upper
330 100
332 94.5 78.0 117.0
141 33.2 27.3 40.9



#45
2-Fluorobiphenyl
Concen: 9.488 ng
RT: 9.081 min Scan# 1189
Delta R.T. -0.006 min
Lab File: BF137617.D
Acq: 15 Mar 2024 19:05

Tgt Ion:172 Resp: 168545
Ion Ratio Lower Upper
172 100
171 34.7 28.5 42.7
170 21.9 19.0 28.6

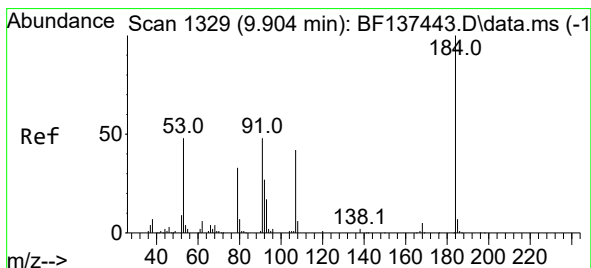
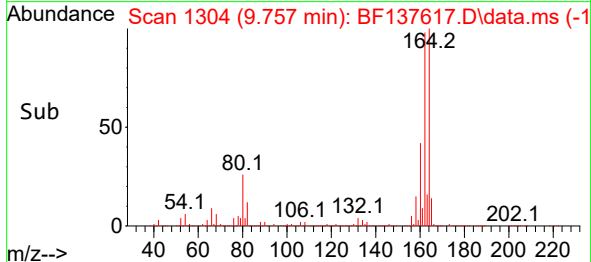
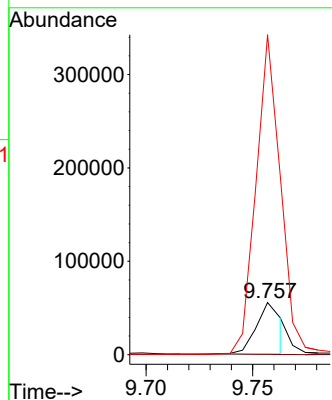
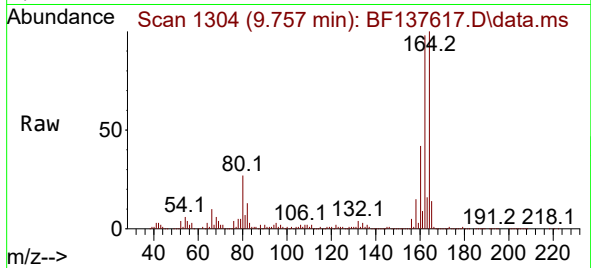




#50
Dimethylphthalate
Concen: 2.268 ng
RT: 9.757 min Scan# 11
Delta R.T. 0.265 min
Lab File: BF137617.D
Acq: 15 Mar 2024 19:05

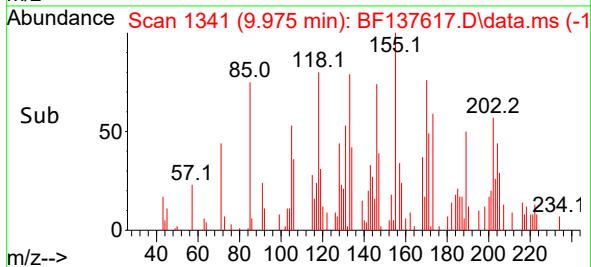
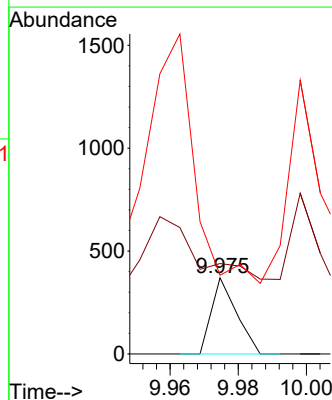
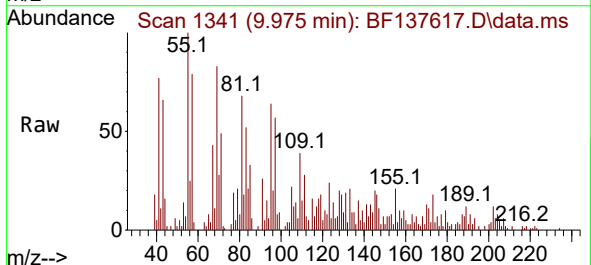
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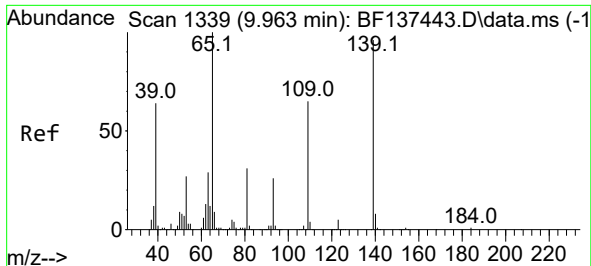
Tgt Ion:163 Resp: 43902
Ion Ratio Lower Upper
163 100
194 0.7 3.3 4.9#
164 613.1 8.1 12.1#



#54
2,4-Dinitrophenol
Concen: 8.311 ng
RT: 9.975 min Scan# 1341
Delta R.T. 0.147 min
Lab File: BF137617.D
Acq: 15 Mar 2024 19:05

Tgt Ion:184 Resp: 189
Ion Ratio Lower Upper
184 100
63 118.6 53.3 79.9#
154 103.2 47.4 71.0#

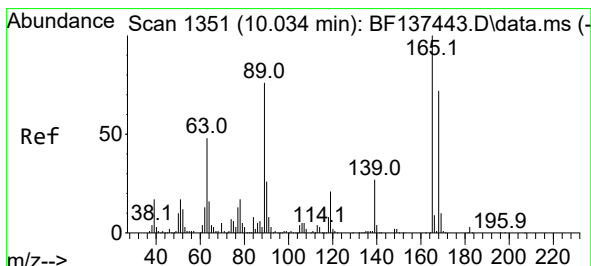
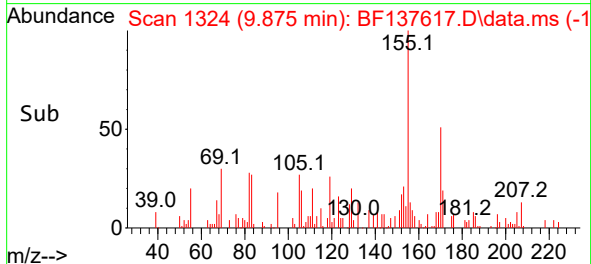
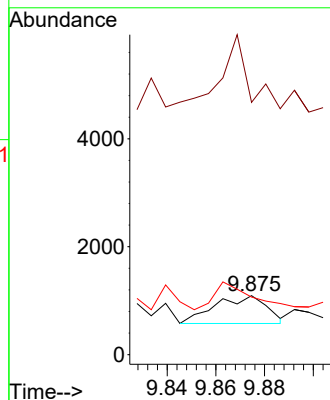
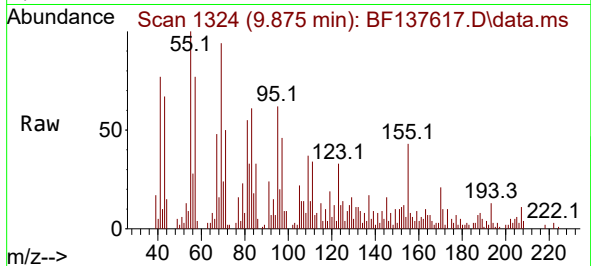




#56
4-Nitrophenol
Concen: 4.763 ng
RT: 9.875 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF137617.D
Acq: 15 Mar 2024 19:05

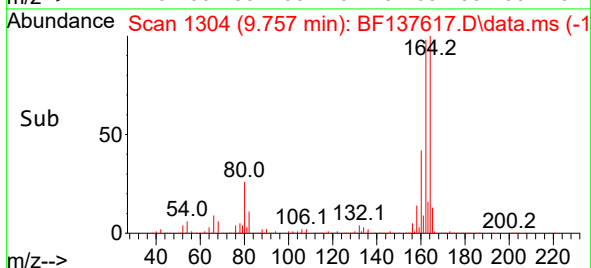
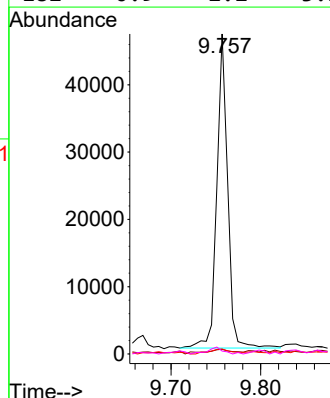
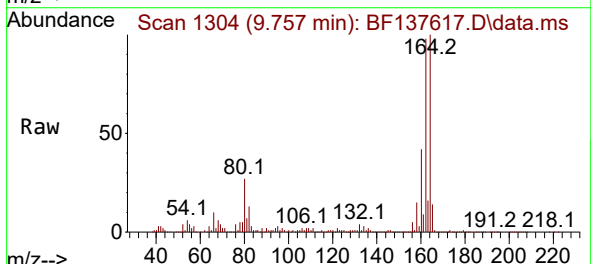
Instrument :
BNA_F
ClientSampleId :
COMP-1DL

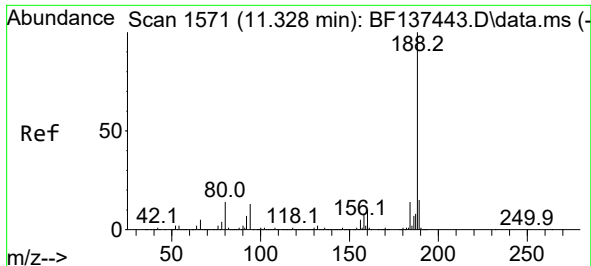
Tgt Ion:139 Resp: 764
Ion Ratio Lower Upper
139 100
109 427.7 47.1 87.1#
65 97.6 85.1 125.1



#57
2,4-Dinitrotoluene
Concen: 7.899 ng
RT: 9.757 min Scan# 1304
Delta R.T. -0.200 min
Lab File: BF137617.D
Acq: 15 Mar 2024 19:05

Tgt Ion:165 Resp: 39290
Ion Ratio Lower Upper
165 100
63 1.5 39.0 58.6#
89 1.5 60.9 91.3#
182 0.9 2.2 3.2#

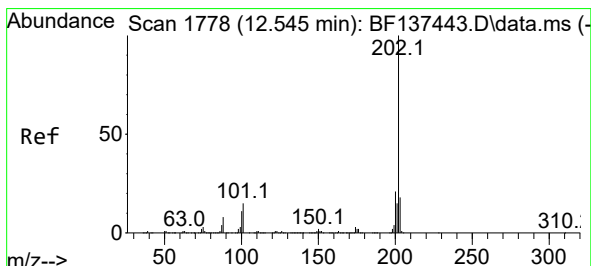
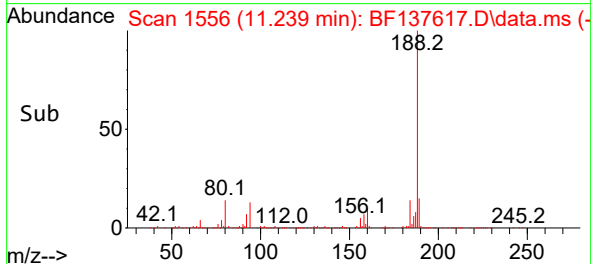
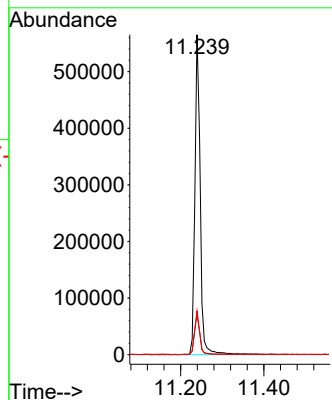
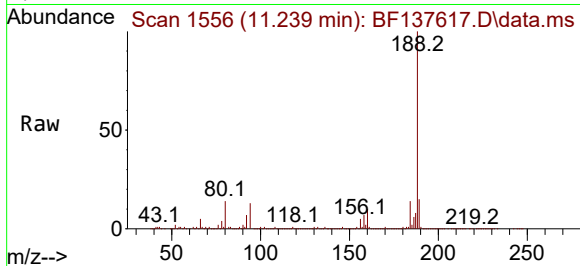




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.239 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF137617.D
Acq: 15 Mar 2024 19:05

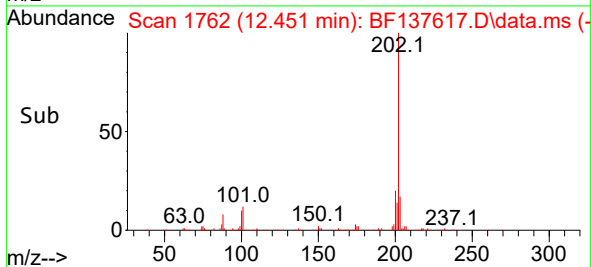
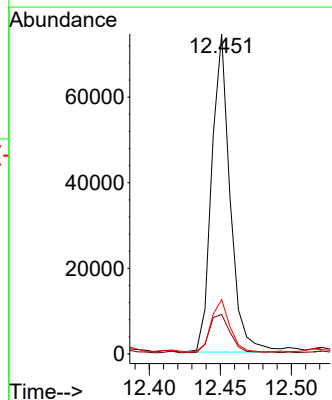
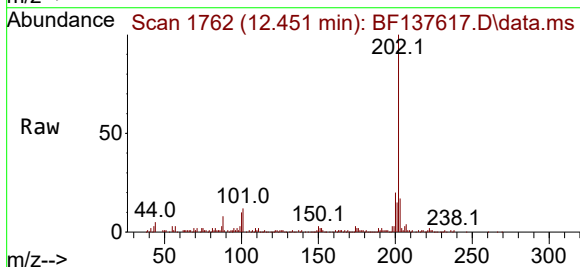
Instrument :
BNA_F
ClientSampleId :
COMP-1DL

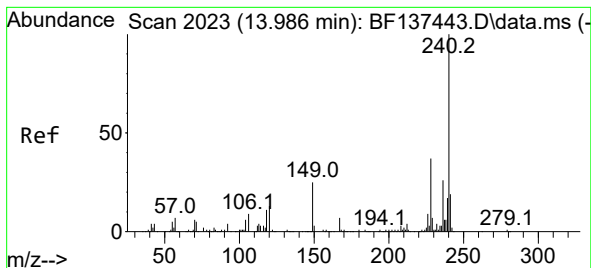
Tgt Ion:188 Resp: 499328
Ion Ratio Lower Upper
188 100
94 12.7 10.6 15.8
80 13.7 11.5 17.3



#75
Fluoranthene
Concen: 2.530 ng
RT: 12.451 min Scan# 1762
Delta R.T. -0.000 min
Lab File: BF137617.D
Acq: 15 Mar 2024 19:05

Tgt Ion:202 Resp: 67193
Ion Ratio Lower Upper
202 100
101 12.3 0.0 35.0
203 17.0 0.0 37.7





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.874 min Scan# 20

Delta R.T. -0.000 min

Lab File: BF137617.D

Acq: 15 Mar 2024 19:05

Instrument :

BNA_F

ClientSampleId :

COMP-1DL

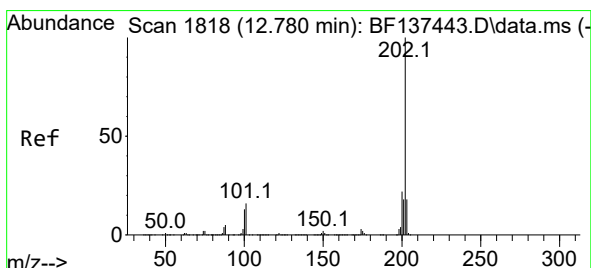
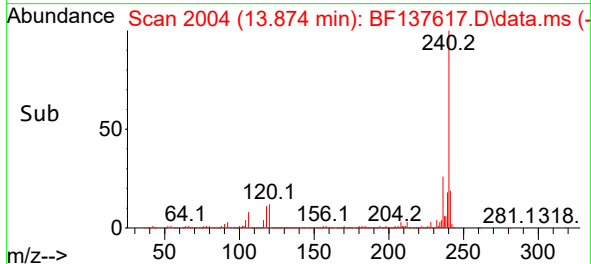
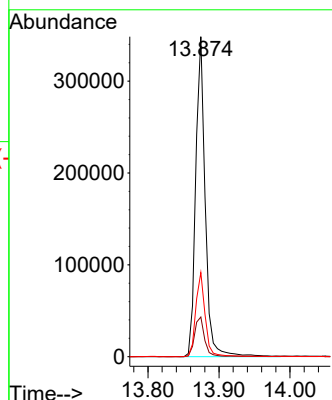
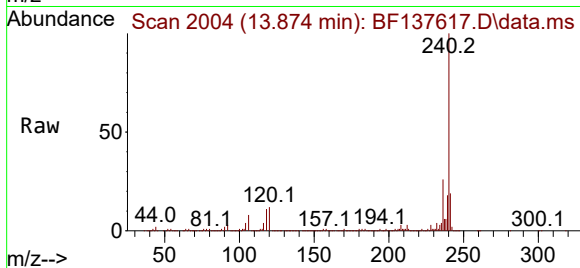
Tgt Ion:240 Resp: 326790

Ion Ratio Lower Upper

240 100

120 12.4 10.4 15.6

236 26.3 20.9 31.3



#78

Pyrene

Concen: 2.161 ng

RT: 12.674 min Scan# 1800

Delta R.T. -0.006 min

Lab File: BF137617.D

Acq: 15 Mar 2024 19:05

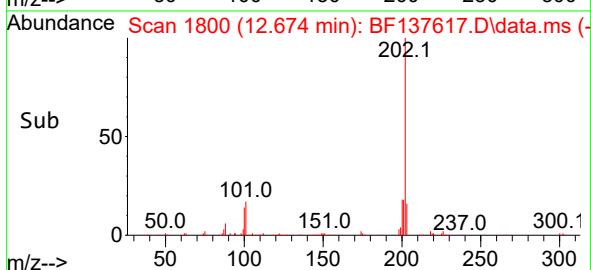
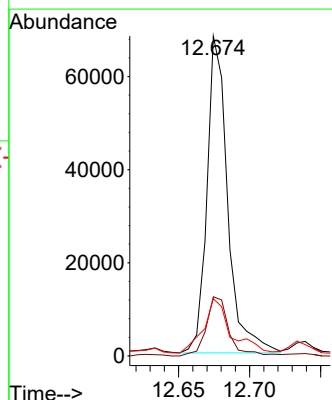
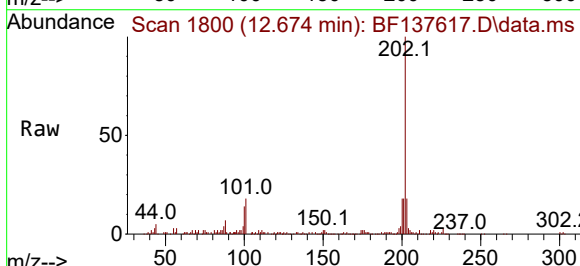
Tgt Ion:202 Resp: 69296

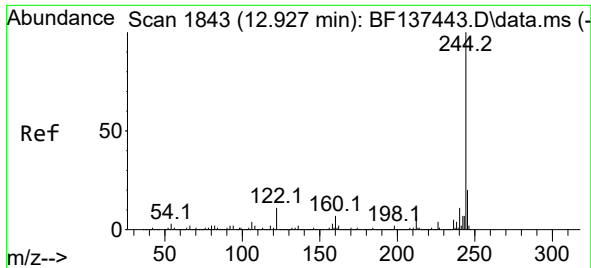
Ion Ratio Lower Upper

202 100

200 18.5 17.4 26.2

203 17.9 14.1 21.1

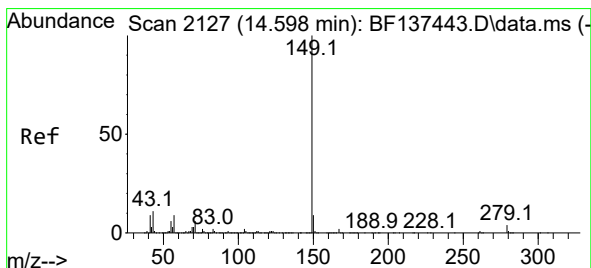
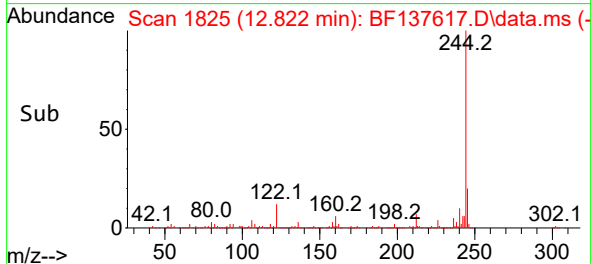
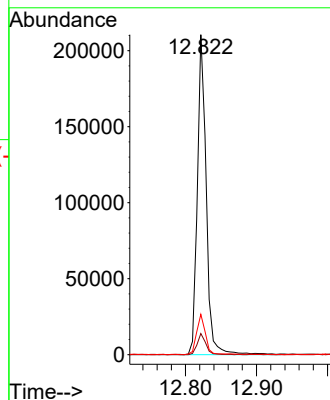
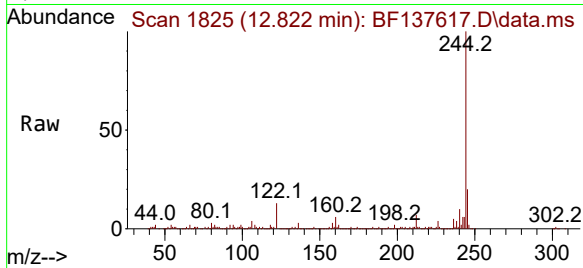




#79
 Terphenyl-d14
 Concen: 7.729 ng
 RT: 12.822 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF137617.D
 Acq: 15 Mar 2024 19:05

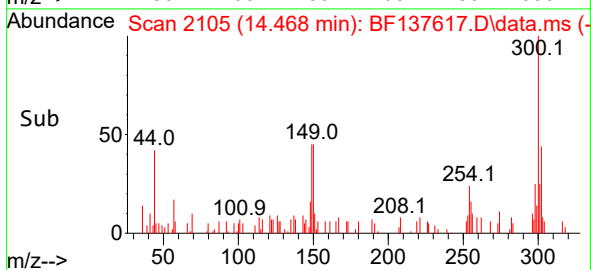
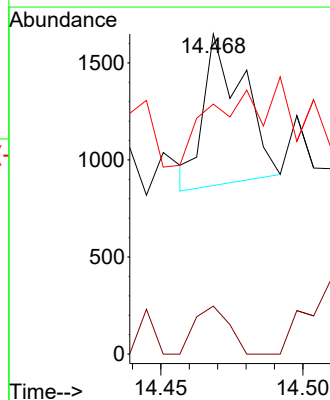
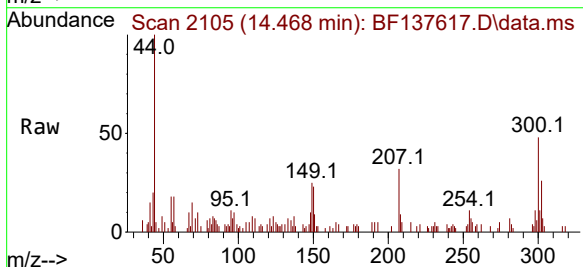
Instrument :
 BNA_F
 ClientSampleId :
 COMP-1DL

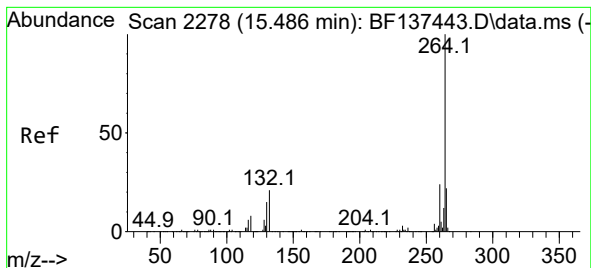
Tgt Ion:244 Resp: 183679
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.4 8.2
 122 12.6 9.1 13.7



#85
 Di-n-octyl phthalate
 Concen: 5.640 ng
 RT: 14.468 min Scan# 2105
 Delta R.T. -0.006 min
 Lab File: BF137617.D
 Acq: 15 Mar 2024 19:05

Tgt Ion:149 Resp: 755
 Ion Ratio Lower Upper
 149 100
 167 27.5 1.2 1.8#
 43 67.8 9.6 14.4#





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.298 min Scan# 21

Delta R.T. -0.000 min

Lab File: BF137617.D

Acq: 15 Mar 2024 19:05

Instrument :

BNA_F

ClientSampleId :

COMP-1DL

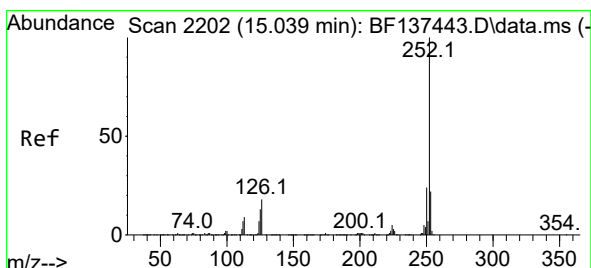
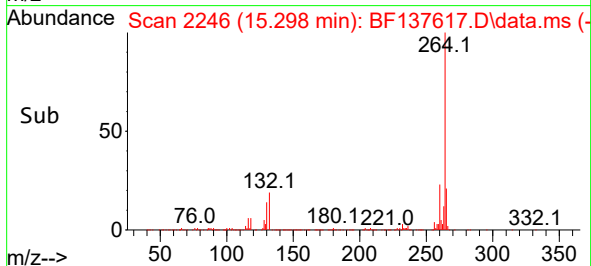
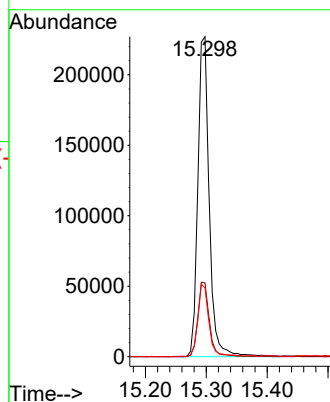
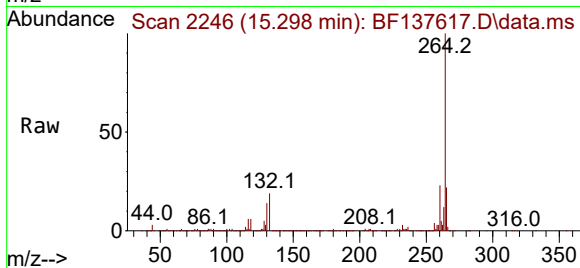
Tgt Ion:264 Resp: 295085

Ion Ratio Lower Upper

264 100

260 23.1 19.3 28.9

265 21.5 17.4 26.0



#88

Benzo(b)fluoranthene

Concen: 2.509 ng

RT: 14.892 min Scan# 2177

Delta R.T. -0.000 min

Lab File: BF137617.D

Acq: 15 Mar 2024 19:05

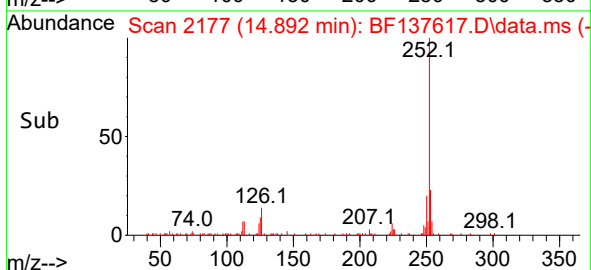
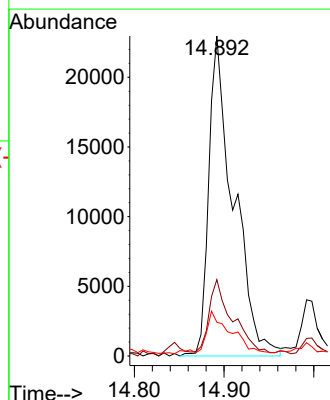
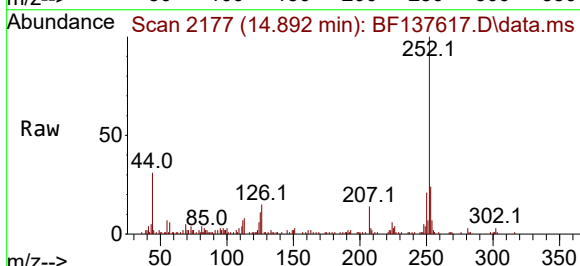
Tgt Ion:252 Resp: 43790

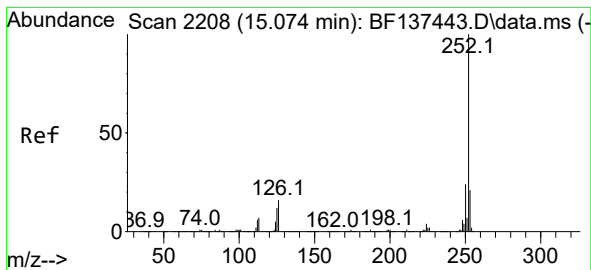
Ion Ratio Lower Upper

252 100

253 23.8 17.8 26.8

125 10.5 10.1 15.1





#89

Benzo(k)fluoranthene

Concen: 2.336 ng

RT: 14.892 min Scan# 21

Delta R.T. -0.029 min

Lab File: BF137617.D

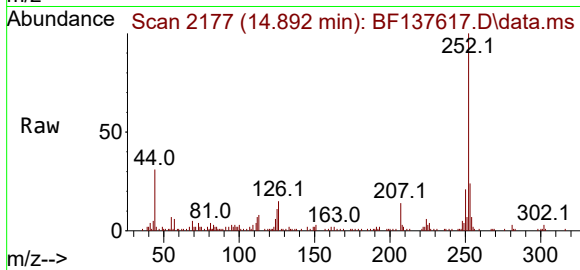
Acq: 15 Mar 2024 19:05

Instrument :

BNA_F

ClientSampleId :

COMP-1DL



Tgt Ion:252 Resp: 43790

Ion Ratio Lower Upper

252 100

253 23.8 17.3 25.9

125 10.5 9.6 14.4

