

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030624\
 Data File : BF137519.D
 Acq On : 06 Mar 2024 15:25
 Operator : CG\JU
 Sample : P1672-16
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-13

Quant Time: Mar 06 15:54:42 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 06 00:07:28 2024
 Response via : Initial Calibration

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

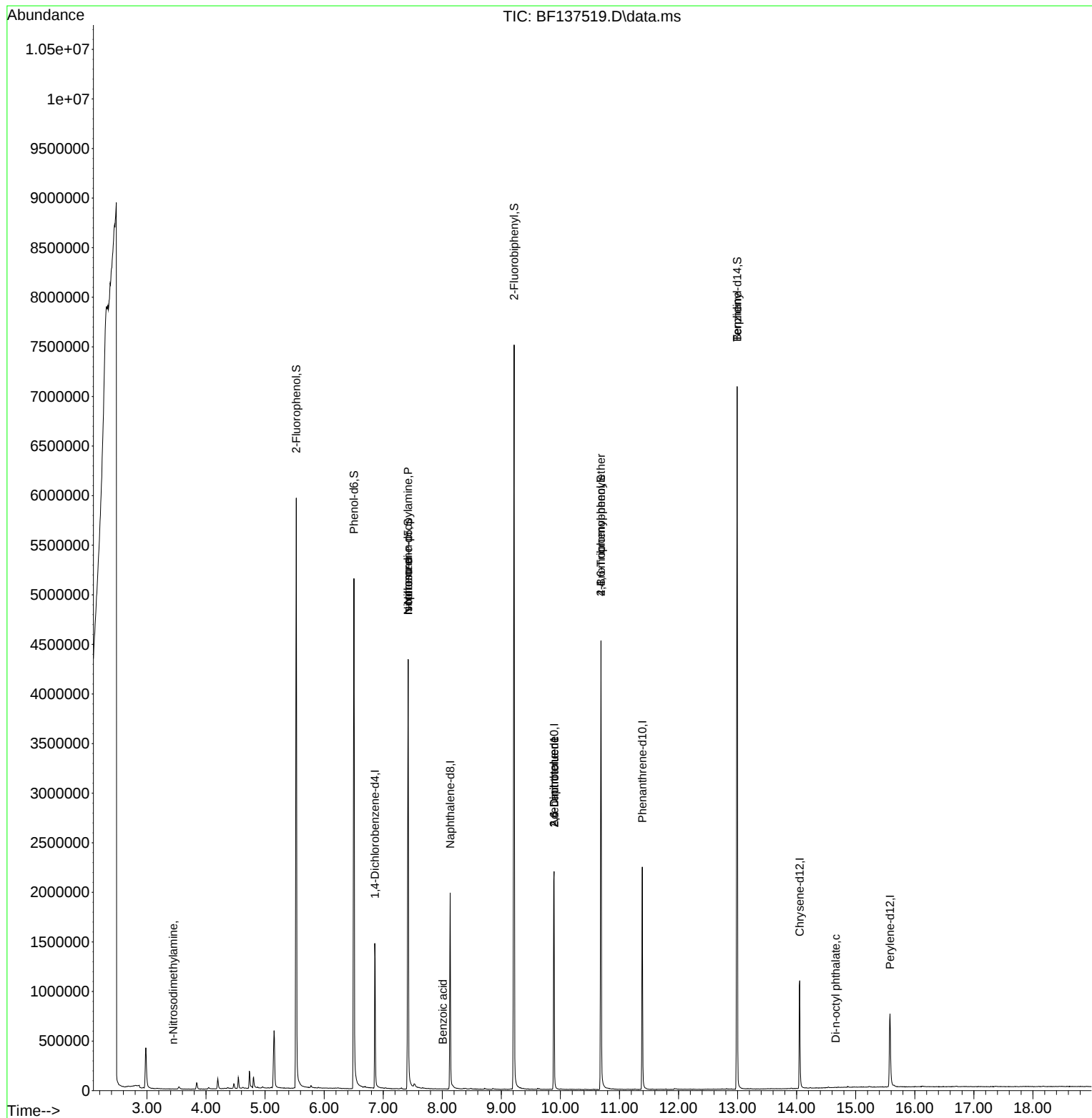
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.857	152	227126	20.000	ng	0.00
21) Naphthalene-d8	8.134	136	889214	20.000	ng	0.00
39) Acenaphthene-d10	9.892	164	484740	20.000	ng	0.00
64) Phenanthrene-d10	11.386	188	794659	20.000	ng	0.00
76) Chrysene-d12	14.051	240	412038	20.000	ng	0.00
86) Perylene-d12	15.580	264	411477	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.528	112	1766780	117.814	ng	0.02
7) Phenol-d6	6.504	99	2197294	101.507	ng	0.00
23) Nitrobenzene-d5	7.422	82	1643947	85.901	ng	0.00
42) 2,4,6-Tribromophenol	10.686	330	572357	134.455	ng	0.00
45) 2-Fluorobiphenyl	9.216	172	2515663	81.238	ng	0.00
79) Terphenyl-d14	12.992	244	2626224	87.646	ng	0.00
Target Compounds						
					Qvalue	
4) n-Nitrosodimethylamine	3.446	42	753	3.895	ng	# 1
19) n-Nitroso-di-n-propyla...	7.422	70	216712	16.212	ng	# 80
25) Isophorone	7.422	82	1643938	45.215	ng	# 69
32) Benzoic acid	8.010	122	54	6.304	ng	# 47
51) 2,6-Dinitrotoluene	9.892	165	63045	8.933	ng	# 20
57) 2,4-Dinitrotoluene	9.892	165	63045	7.271	ng	# 21
67) 4-Bromophenyl-phenylether	10.686	248	37348	4.315	ng	# 1
77) Benzidine	12.992	184	31135	3.088	ng	# 90
85) Di-n-octyl phthalate	14.663	149	331	5.618	ng	# 1

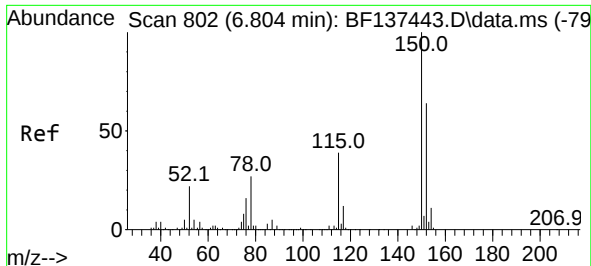
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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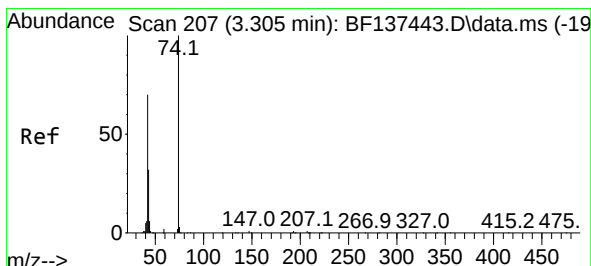
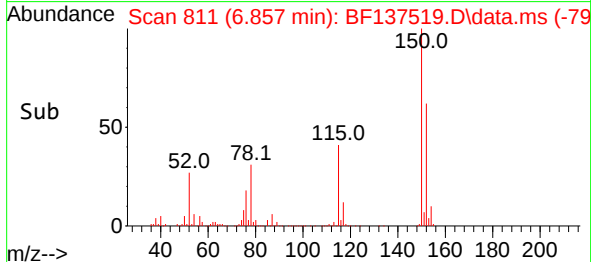
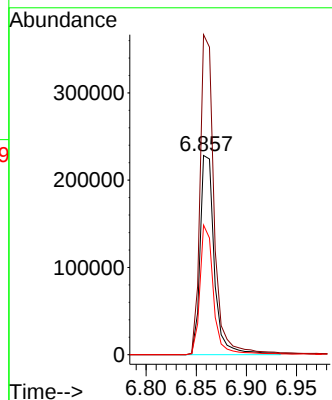
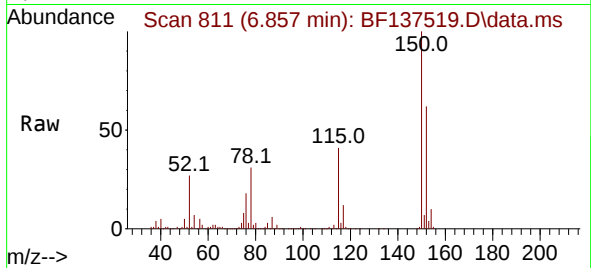




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.857 min Scan# 811
Delta R.T. -0.006 min
Lab File: BF137519.D
Acq: 06 Mar 2024 15:25

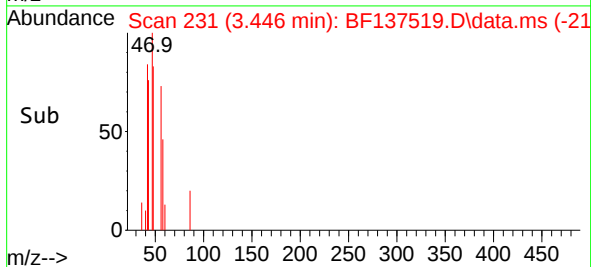
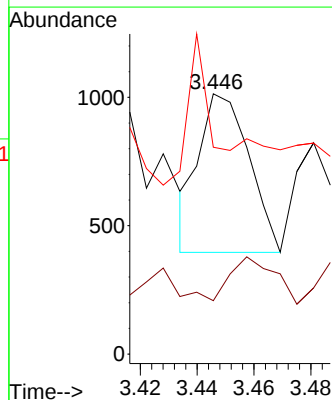
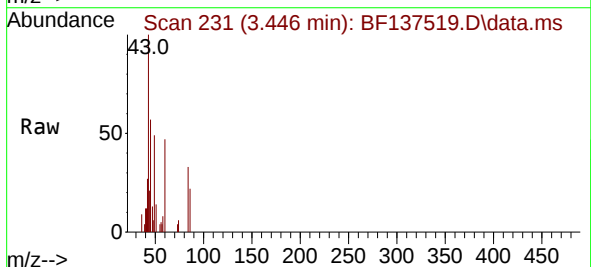
Instrument :
BNA_F
ClientSampleId :
TP-13

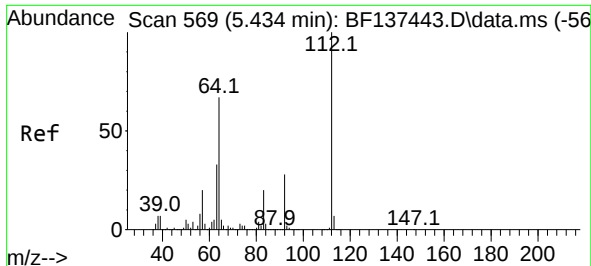
Tgt Ion:152 Resp: 227126
Ion Ratio Lower Upper
152 100
150 160.6 125.8 188.6
115 65.1 48.8 73.2



#4
n-Nitrosodimethylamine
Concen: 3.895 ng
RT: 3.446 min Scan# 231
Delta R.T. 0.000 min
Lab File: BF137519.D
Acq: 06 Mar 2024 15:25

Tgt Ion: 42 Resp: 753
Ion Ratio Lower Upper
42 100
74 20.5 114.0 171.0#
44 79.5 7.0 10.4#

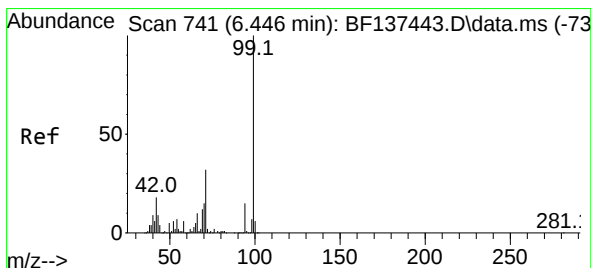
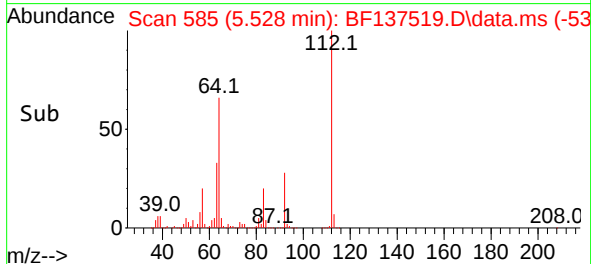
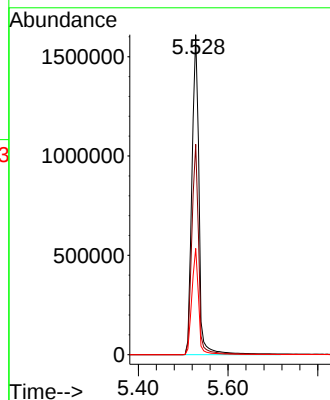
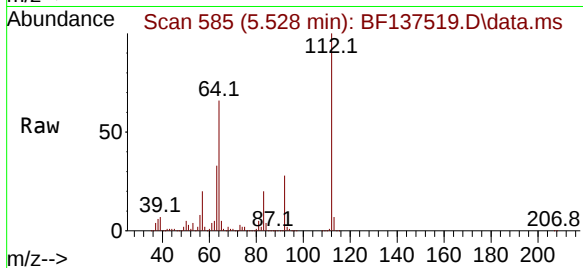




#5
2-Fluorophenol
Concen: 117.814 ng
RT: 5.528 min Scan# 51
Delta R.T. 0.018 min
Lab File: BF137519.D
Acq: 06 Mar 2024 15:25

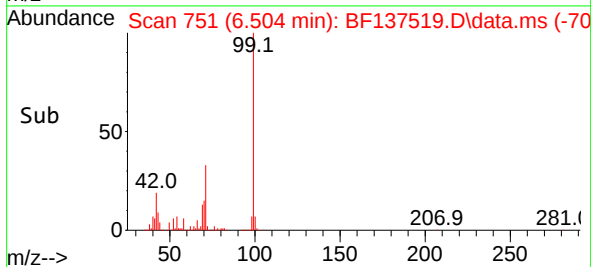
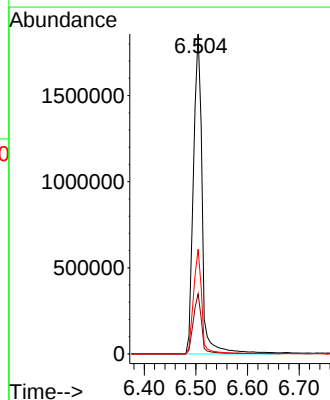
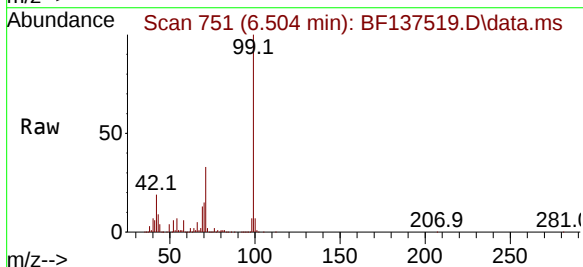
Instrument :
BNA_F
ClientSampleId :
TP-13

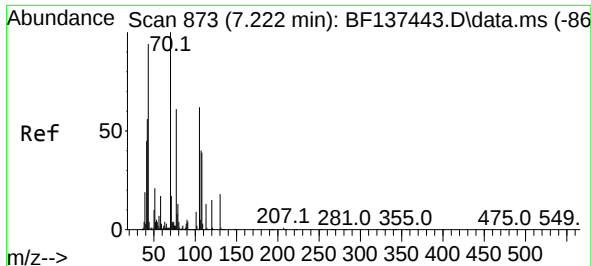
Tgt Ion:112 Resp: 1766780
Ion Ratio Lower Upper
112 100
64 65.8 53.4 80.2
63 33.2 26.2 39.2



#7
Phenol-d6
Concen: 101.507 ng
RT: 6.504 min Scan# 751
Delta R.T. 0.000 min
Lab File: BF137519.D
Acq: 06 Mar 2024 15:25

Tgt Ion: 99 Resp: 2197294
Ion Ratio Lower Upper
99 100
42 18.8 14.6 21.8
71 32.7 25.3 37.9



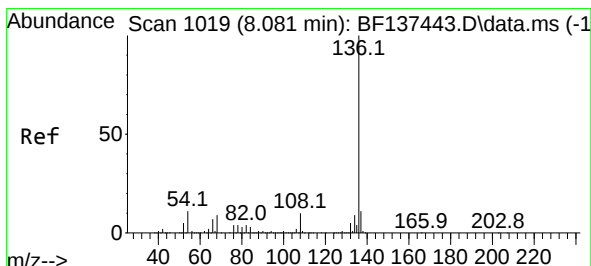
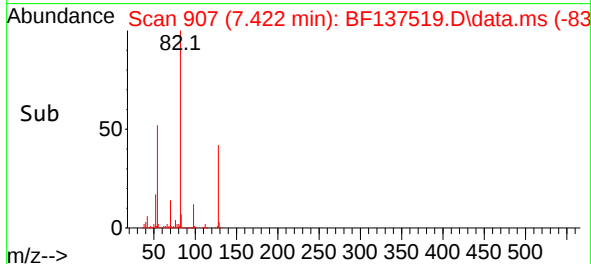
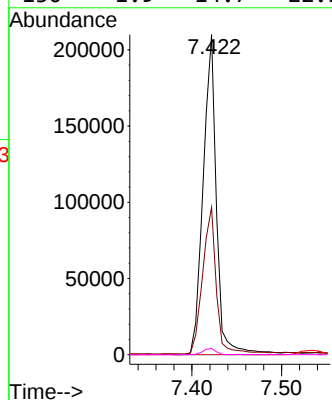
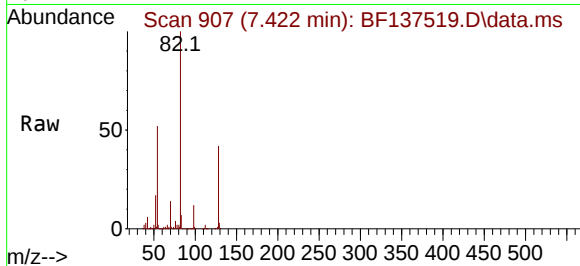


#19
n-Nitroso-di-n-propylamine
Concen: 16.212 ng
RT: 7.422 min Scan# 90
Delta R.T. 0.141 min
Lab File: BF137519.D
Acq: 06 Mar 2024 15:25

Instrument :
BNA_F
ClientSampleId :
TP-13

Tgt Ion: 70 Resp: 216712

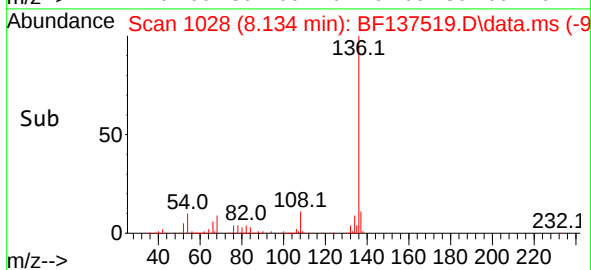
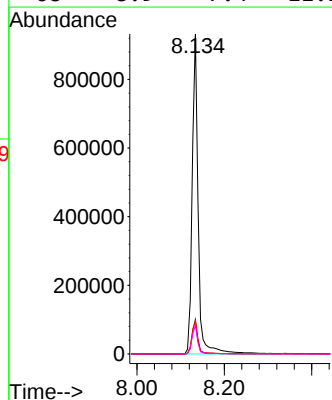
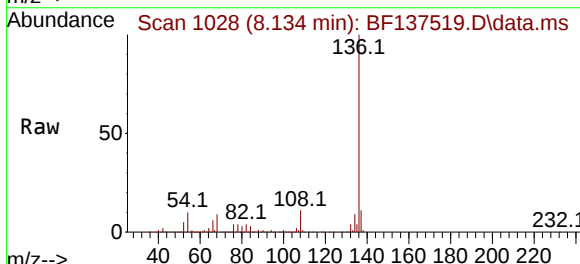
Ion	Ratio	Lower	Upper
70	100		
42	46.1	45.2	67.8
101	0.0	7.3	10.9#
130	1.9	14.7	22.1#

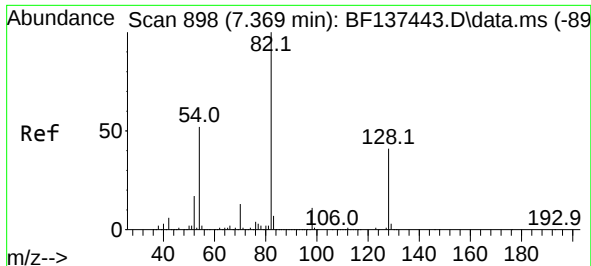


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.134 min Scan# 1028
Delta R.T. 0.000 min
Lab File: BF137519.D
Acq: 06 Mar 2024 15:25

Tgt Ion: 136 Resp: 889214

Ion	Ratio	Lower	Upper
136	100		
137	10.8	9.1	13.7
54	10.2	8.5	12.7
68	8.9	7.4	11.2





#23

Nitrobenzene-d5

Concen: 85.901 ng

RT: 7.422 min Scan# 907

Delta R.T. -0.006 min

Lab File: BF137519.D

Acq: 06 Mar 2024 15:25

Instrument :

BNA_F

ClientSampleId :

TP-13

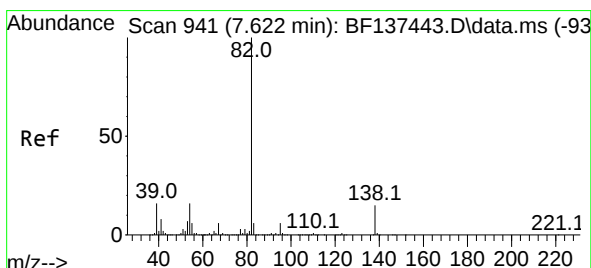
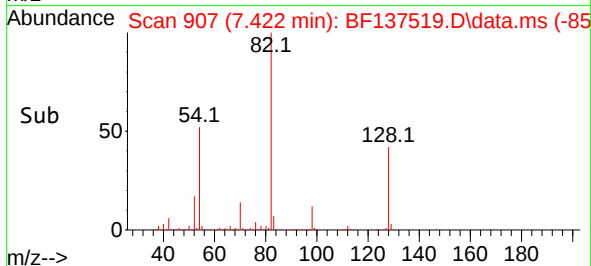
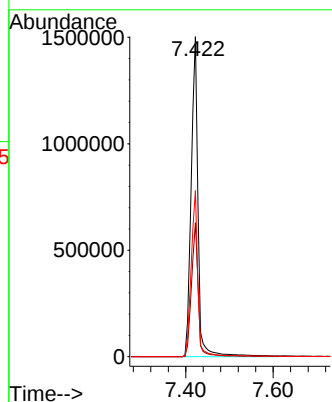
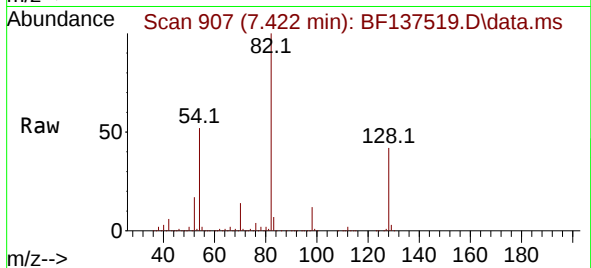
Tgt Ion: 82 Resp: 1643947

Ion Ratio Lower Upper

82 100

128 41.8 32.5 48.7

54 51.9 41.5 62.3



#25

Isophorone

Concen: 45.215 ng

RT: 7.422 min Scan# 907

Delta R.T. -0.259 min

Lab File: BF137519.D

Acq: 06 Mar 2024 15:25

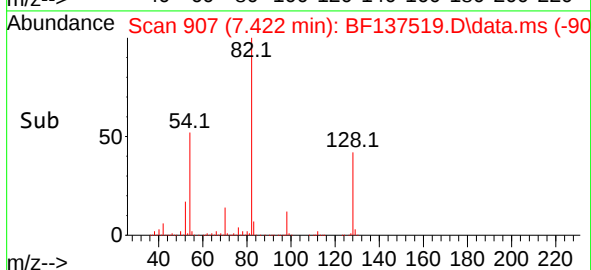
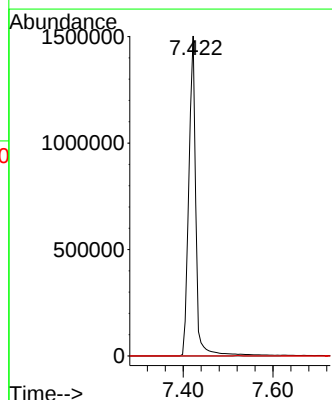
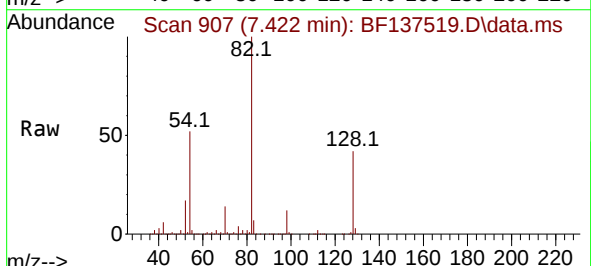
Tgt Ion: 82 Resp: 1643938

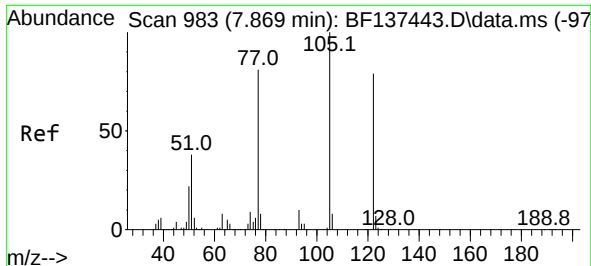
Ion Ratio Lower Upper

82 100

95 0.0 5.1 7.7#

138 0.0 11.8 17.8#

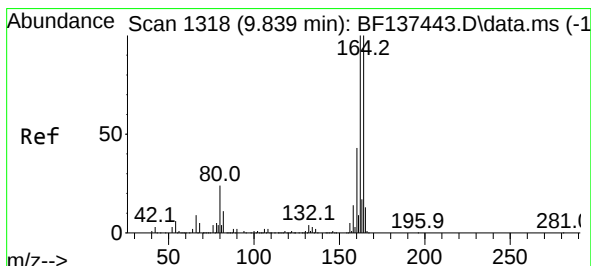
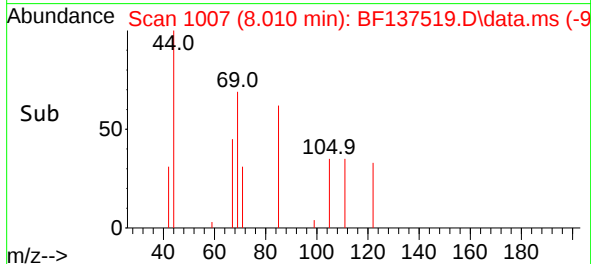
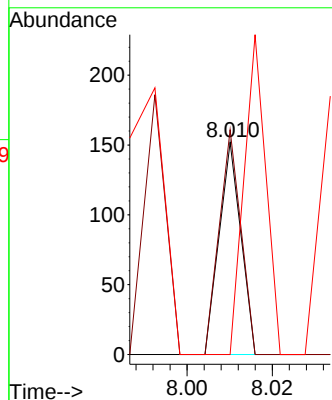
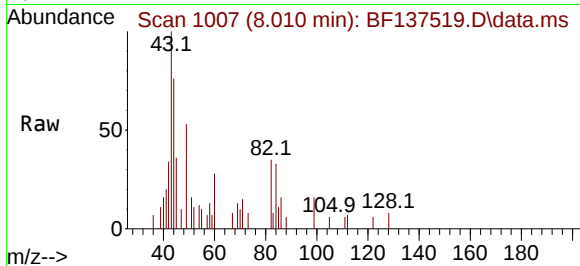




#32
Benzoic acid
Concen: 6.304 ng
RT: 8.010 min Scan# 10
Delta R.T. 0.083 min
Lab File: BF137519.D
Acq: 06 Mar 2024 15:25

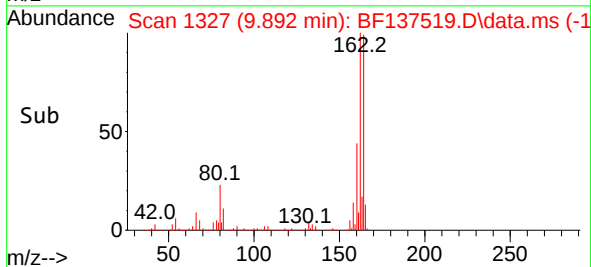
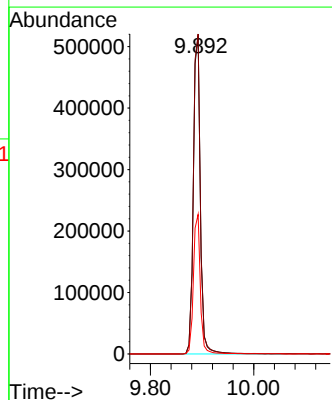
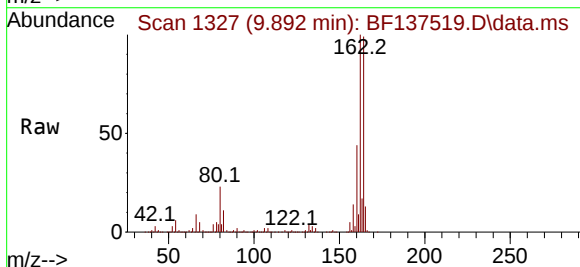
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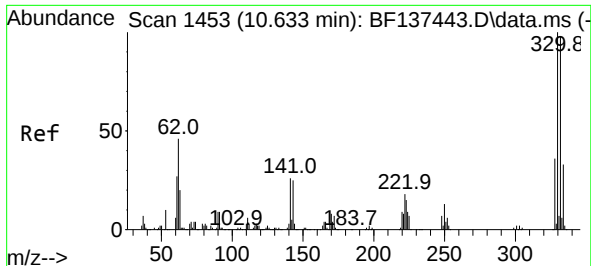
Tgt Ion:122 Resp: 54
Ion Ratio Lower Upper
122 100
105 105.9 102.4 142.4
77 0.0 81.1 121.1#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.892 min Scan# 1327
Delta R.T. 0.000 min
Lab File: BF137519.D
Acq: 06 Mar 2024 15:25

Tgt Ion:164 Resp: 484740
Ion Ratio Lower Upper
164 100
162 100.7 79.8 119.8
160 43.9 34.4 51.6

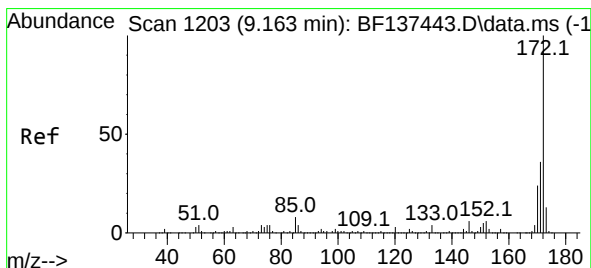
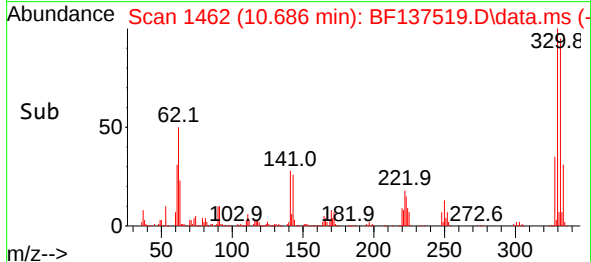
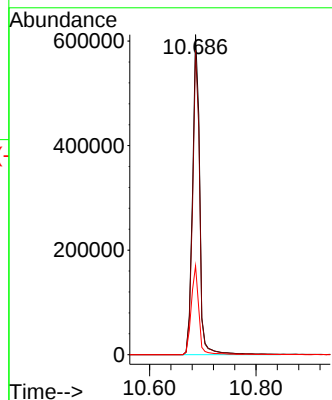
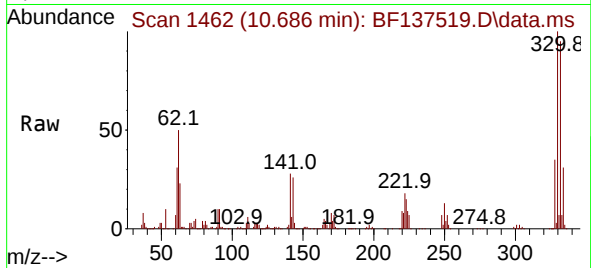




#42
2,4,6-Tribromophenol
Concen: 134.455 ng
RT: 10.686 min Scan# 1453
Delta R.T. -0.006 min
Lab File: BF137519.D
Acq: 06 Mar 2024 15:25

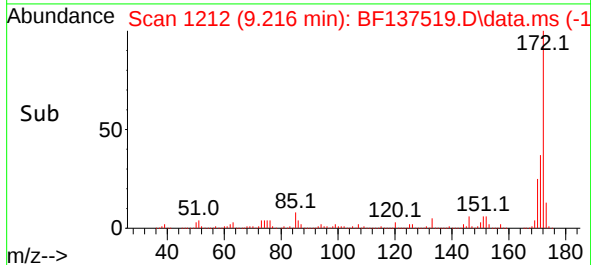
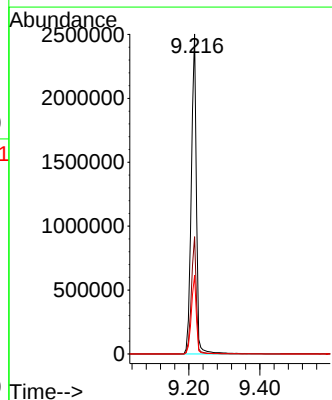
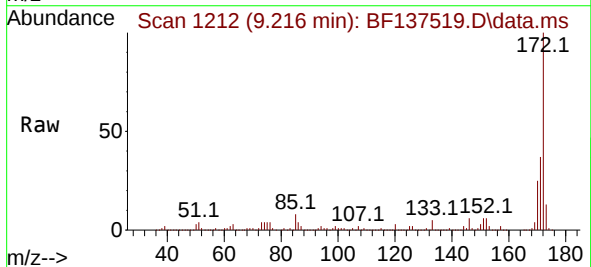
Instrument :
BNA_F
ClientSampleId :
TP-13

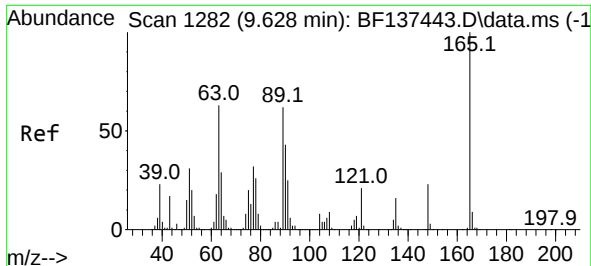
Tgt Ion:330 Resp: 572357
Ion Ratio Lower Upper
330 100
332 93.9 78.0 117.0
141 29.3 27.3 40.9



#45
2-Fluorobiphenyl
Concen: 81.238 ng
RT: 9.216 min Scan# 1212
Delta R.T. 0.000 min
Lab File: BF137519.D
Acq: 06 Mar 2024 15:25

Tgt Ion:172 Resp: 2515663
Ion Ratio Lower Upper
172 100
171 36.6 28.5 42.7
170 24.6 19.0 28.6





#51

2,6-Dinitrotoluene

Concen: 8.933 ng

RT: 9.892 min Scan# 1

Delta R.T. 0.206 min

Lab File: BF137519.D

Acq: 06 Mar 2024 15:25

Instrument :

BNA_F

ClientSampleId :

TP-13

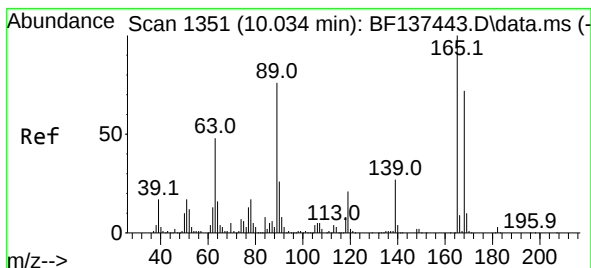
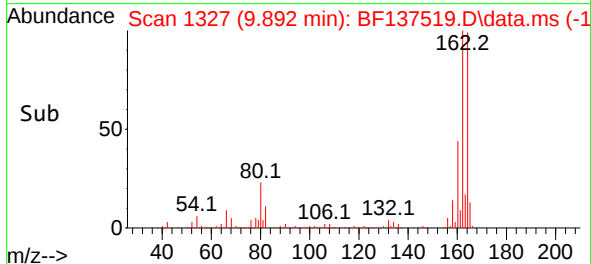
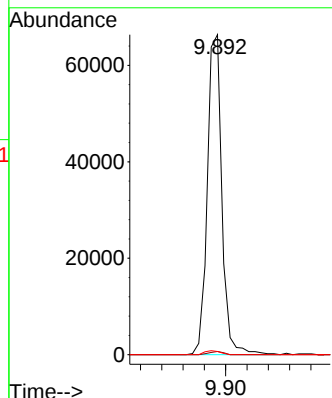
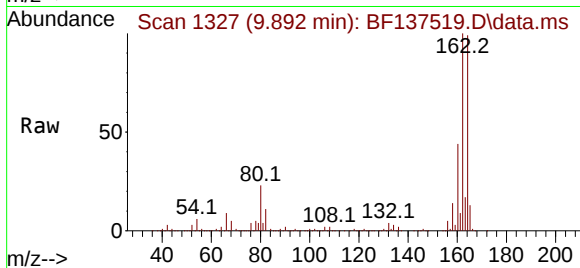
Tgt Ion:165 Resp: 63045

Ion Ratio Lower Upper

165 100

63 1.0 50.7 76.1#

89 1.0 50.0 75.0#



#57

2,4-Dinitrotoluene

Concen: 7.271 ng

RT: 9.892 min Scan# 1327

Delta R.T. -0.200 min

Lab File: BF137519.D

Acq: 06 Mar 2024 15:25

Tgt Ion:165 Resp: 63045

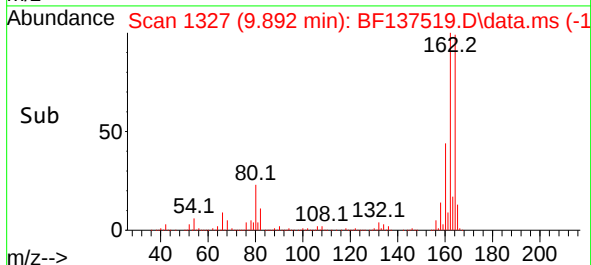
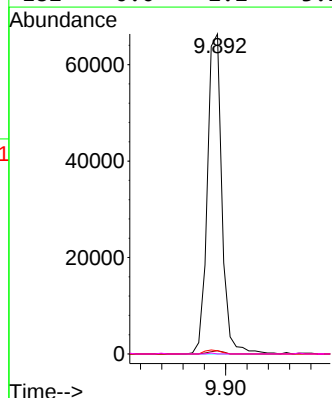
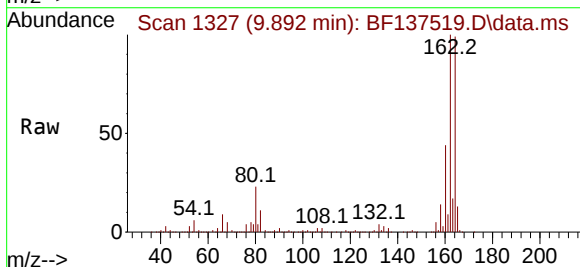
Ion Ratio Lower Upper

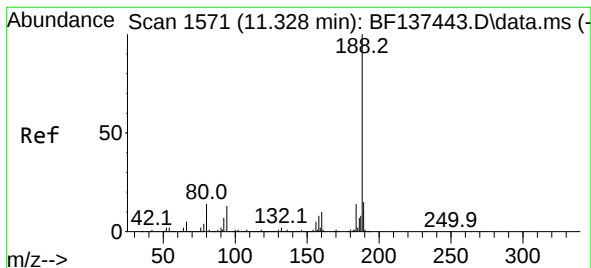
165 100

63 1.0 39.0 58.6#

89 1.0 60.9 91.3#

182 0.0 2.2 3.2#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.386 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF137519.D

Acq: 06 Mar 2024 15:25

Instrument :

BNA_F

ClientSampleId :

TP-13

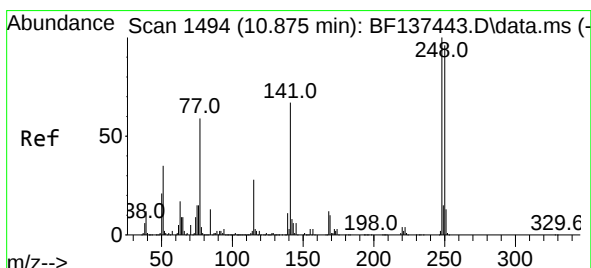
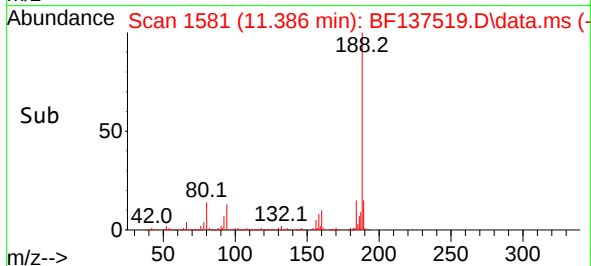
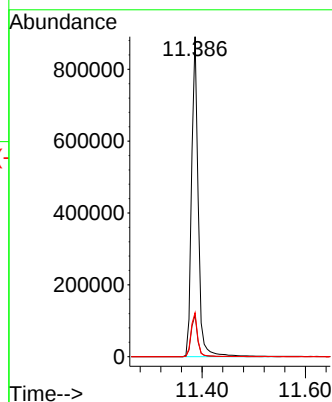
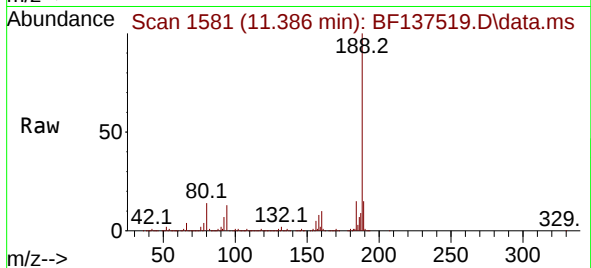
Tgt Ion:188 Resp: 794659

Ion Ratio Lower Upper

188 100

94 13.0 10.6 15.8

80 13.7 11.5 17.3



#67

4-Bromophenyl-phenylether

Concen: 4.315 ng

RT: 10.686 min Scan# 1462

Delta R.T. -0.247 min

Lab File: BF137519.D

Acq: 06 Mar 2024 15:25

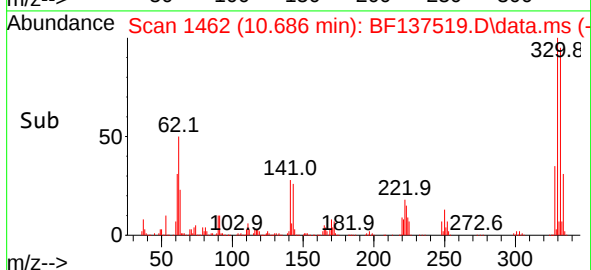
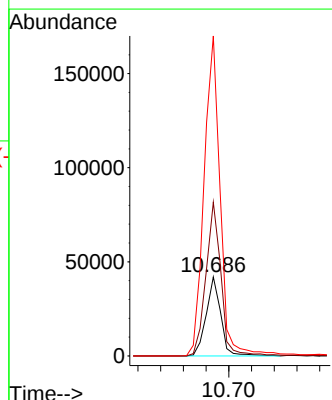
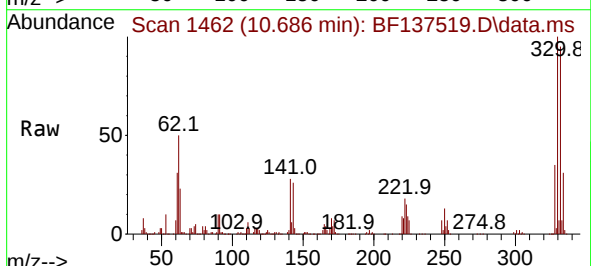
Tgt Ion:248 Resp: 37348

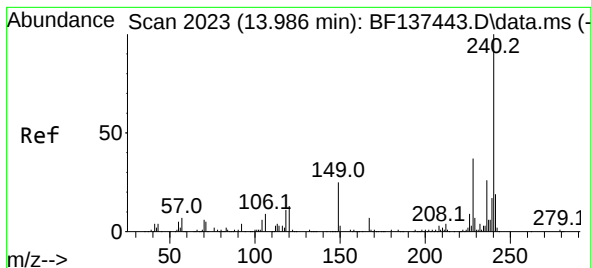
Ion Ratio Lower Upper

248 100

250 194.3 76.8 115.2#

141 404.6 53.4 80.0#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.051 min Scan# 20

Delta R.T. 0.000 min

Lab File: BF137519.D

Acq: 06 Mar 2024 15:25

Instrument :

BNA_F

ClientSampleId :

TP-13

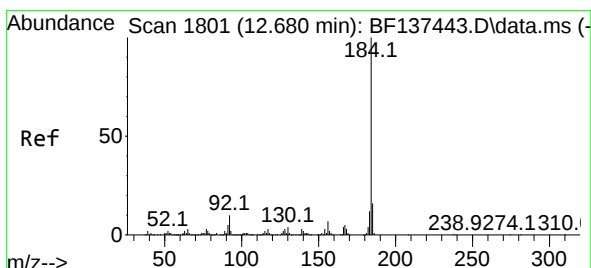
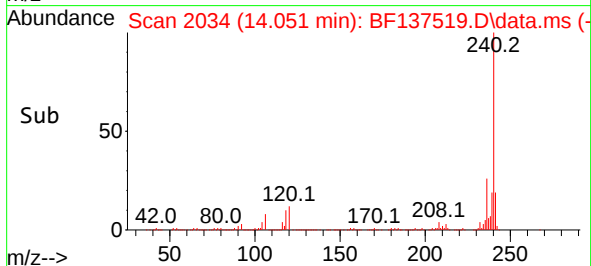
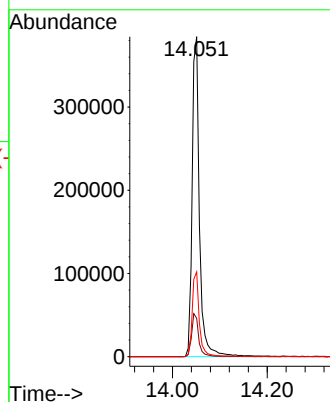
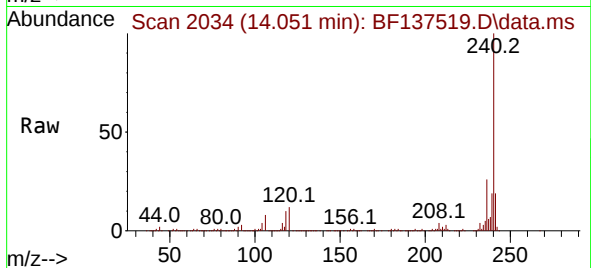
Tgt Ion:240 Resp: 412038

Ion Ratio Lower Upper

240 100

120 12.0 10.4 15.6

236 26.5 20.9 31.3



#77

Benzidine

Concen: 3.088 ng

RT: 12.992 min Scan# 1854

Delta R.T. 0.253 min

Lab File: BF137519.D

Acq: 06 Mar 2024 15:25

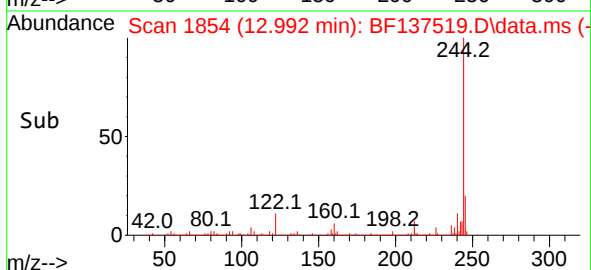
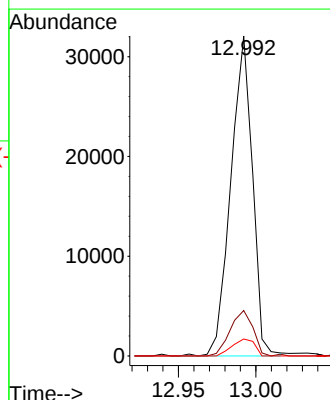
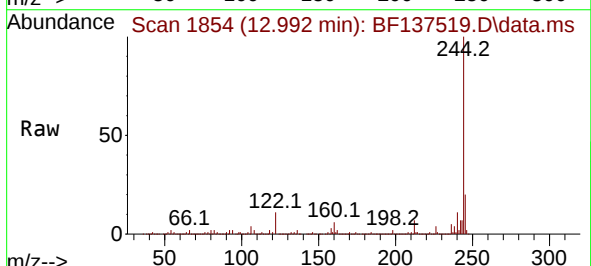
Tgt Ion:184 Resp: 31135

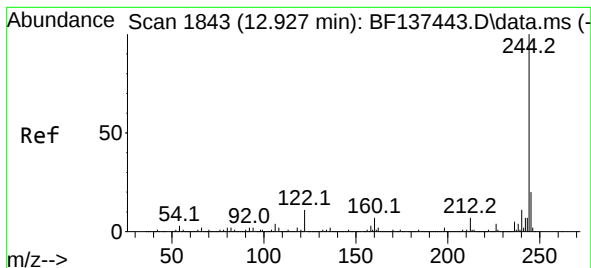
Ion Ratio Lower Upper

184 100

185 14.2 13.2 19.8

183 5.3 9.3 13.9#





#79

Terphenyl-d14

Concen: 87.646 ng

RT: 12.992 min Scan# 1854

Delta R.T. 0.000 min

Lab File: BF137519.D

Acq: 06 Mar 2024 15:25

Instrument :

BNA_F

ClientSampleId :

TP-13

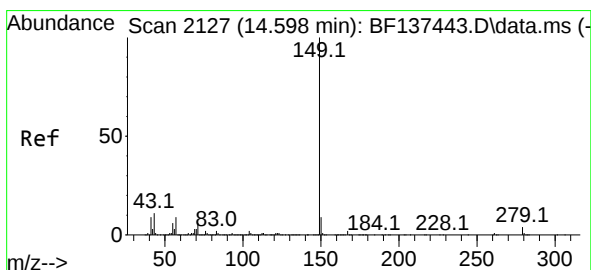
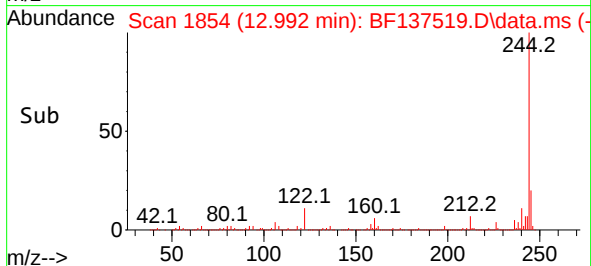
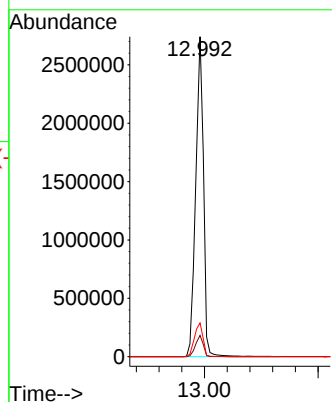
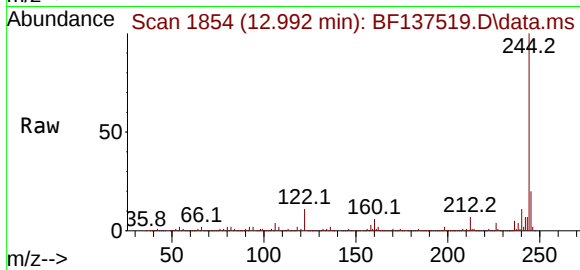
Tgt Ion:244 Resp: 2626224

Ion Ratio Lower Upper

244 100

212 6.7 5.4 8.2

122 10.6 9.1 13.7



#85

Di-n-octyl phthalate

Concen: 5.618 ng

RT: 14.663 min Scan# 2138

Delta R.T. 0.000 min

Lab File: BF137519.D

Acq: 06 Mar 2024 15:25

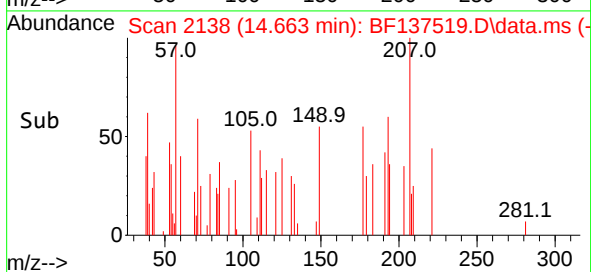
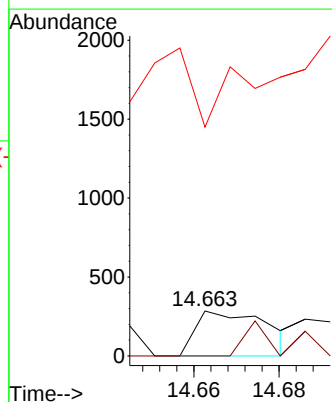
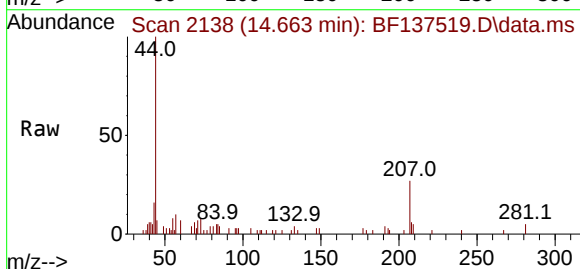
Tgt Ion:149 Resp: 331

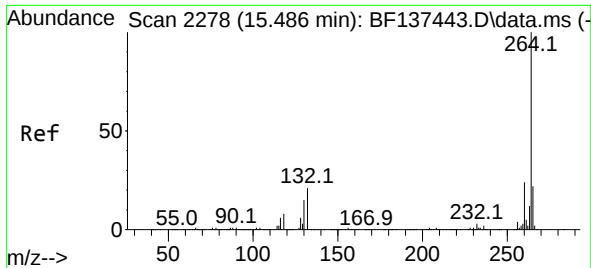
Ion Ratio Lower Upper

149 100

167 40.5 1.2 1.8#

43 116.6 9.6 14.4#





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.580 min Scan# 21
 Delta R.T. 0.012 min
 Lab File: BF137519.D
 Acq: 06 Mar 2024 15:25

Instrument :
 BNA_F
 ClientSampleId :
 TP-13

Tgt Ion:264 Resp: 411477
 Ion Ratio Lower Upper
 264 100
 260 24.2 19.3 28.9
 265 21.3 17.4 26.0

