

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030624\
 Data File : BF137517.D
 Acq On : 06 Mar 2024 14:25
 Operator : CG\JU
 Sample : P1672-08
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-3

Quant Time: Mar 06 14:43:52 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)

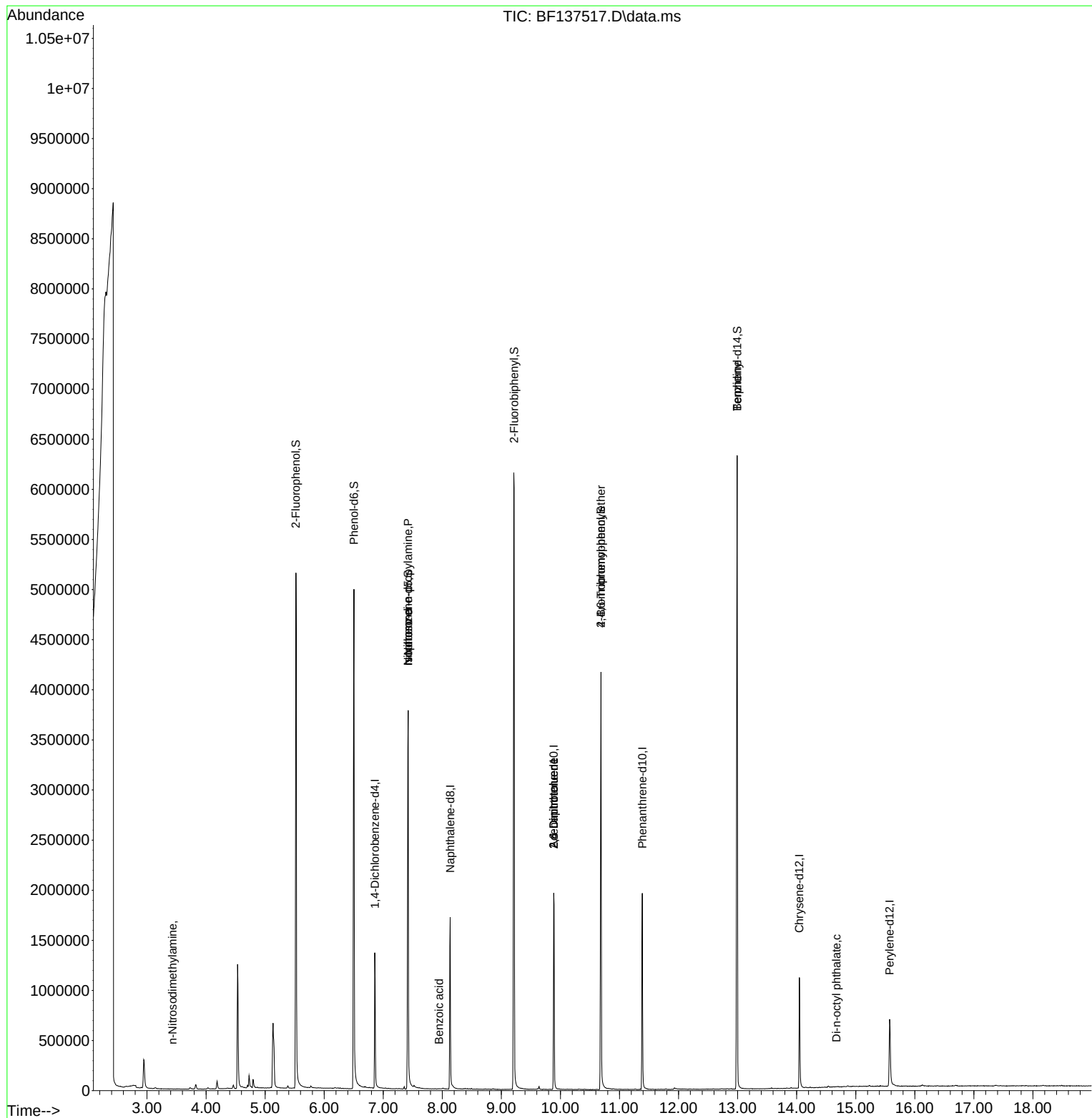
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.857	152	201153	20.000	ng	0.00
21) Naphthalene-d8	8.133	136	774938	20.000	ng	0.00
39) Acenaphthene-d10	9.886	164	428410	20.000	ng	0.00
64) Phenanthrene-d10	11.386	188	709295	20.000	ng	0.00
76) Chrysene-d12	14.045	240	381283	20.000	ng	0.00
86) Perylene-d12	15.574	264	358459	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	1571063	118.290	ng	0.01
7) Phenol-d6	6.504	99	1931615	100.755	ng	0.00
23) Nitrobenzene-d5	7.422	82	1414235	84.795	ng	0.00
42) 2,4,6-Tribromophenol	10.686	330	504195	134.017	ng	0.00
45) 2-Fluorobiphenyl	9.216	172	2178275	79.592	ng	0.00
79) Terphenyl-d14	12.992	244	2328978	83.995	ng	0.00
Target Compounds						
					Qvalue	
4) n-Nitrosodimethylamine	3.434	42	184	3.832	ng	# 10
19) n-Nitroso-di-n-propyla...	7.422	70	181991	15.373	ng	# 81
25) Isophorone	7.422	82	1414228	44.633	ng	# 69
32) Benzoic acid	7.945	122	952	6.414	ng	# 44
51) 2,6-Dinitrotoluene	9.886	165	54411	8.723	ng	# 20
57) 2,4-Dinitrotoluene	9.886	165	54411	7.100	ng	# 21
67) 4-Bromophenyl-phenylether	10.686	248	33970	4.397	ng	# 1
77) Benzidine	12.992	184	28221	3.024	ng	# 91
85) Di-n-octyl phthalate	14.674	149	470	5.625	ng	# 67

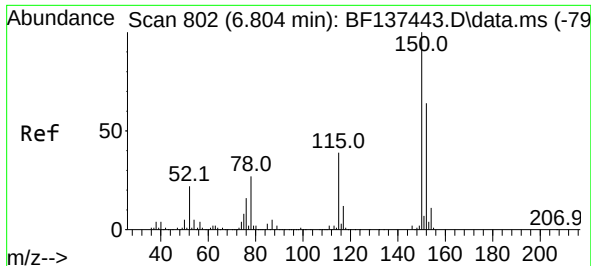
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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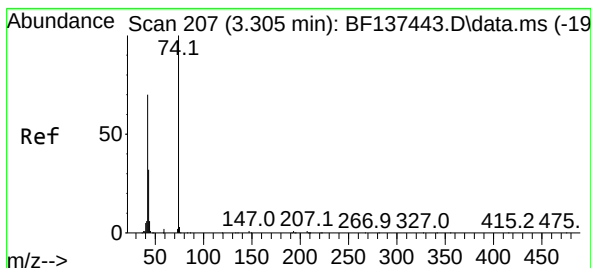
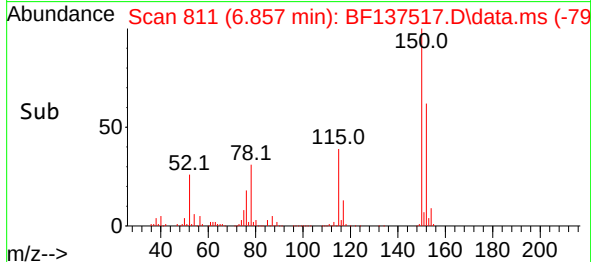
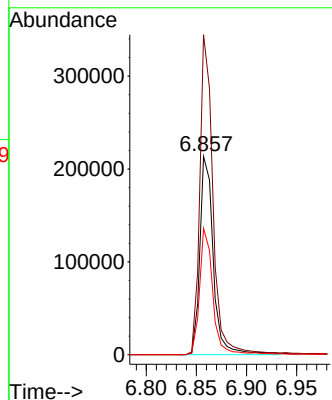
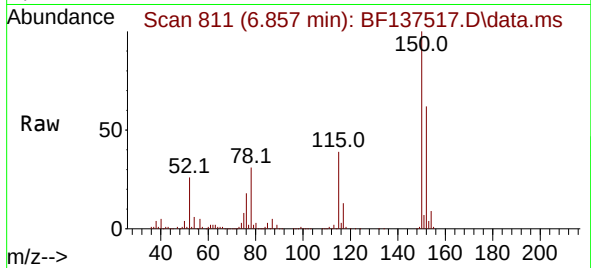




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.857 min Scan# 811
Delta R.T. -0.006 min
Lab File: BF137517.D
Acq: 06 Mar 2024 14:25

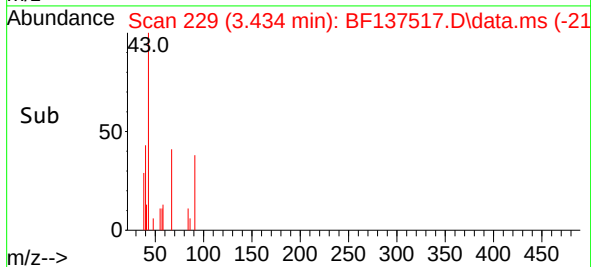
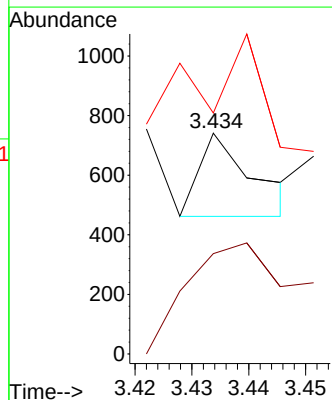
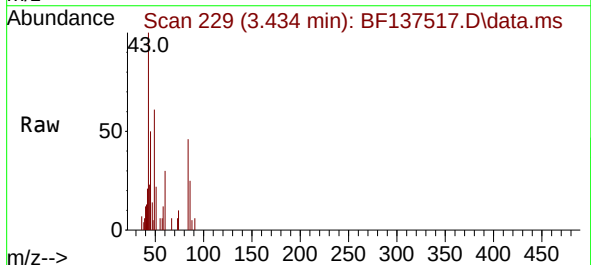
Instrument :
BNA_F
ClientSampleId :
TP-3

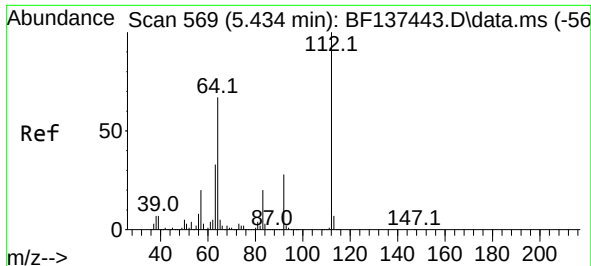
Tgt Ion:152 Resp: 201153
Ion Ratio Lower Upper
152 100
150 161.4 125.8 188.6
115 63.7 48.8 73.2



#4
n-Nitrosodimethylamine
Concen: 3.832 ng
RT: 3.434 min Scan# 229
Delta R.T. -0.012 min
Lab File: BF137517.D
Acq: 06 Mar 2024 14:25

Tgt Ion: 42 Resp: 184
Ion Ratio Lower Upper
42 100
74 45.5 114.0 171.0#
44 109.2 7.0 10.4#

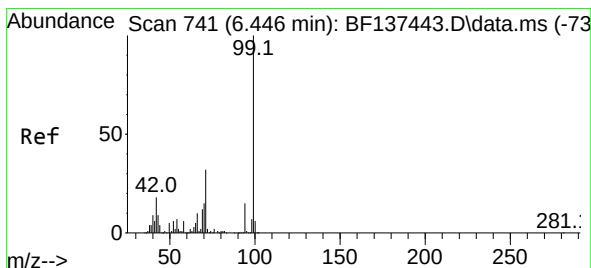
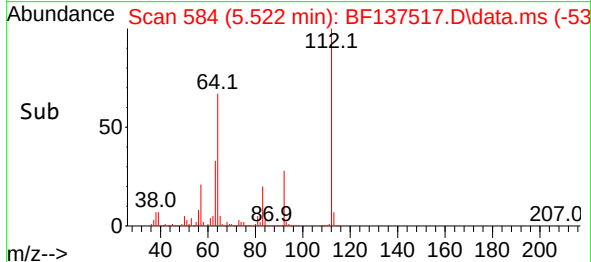
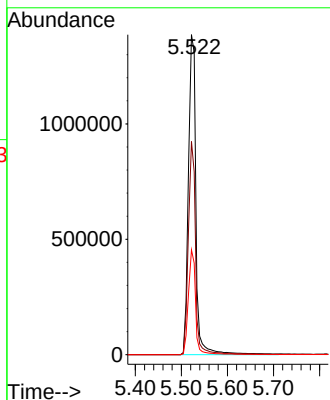
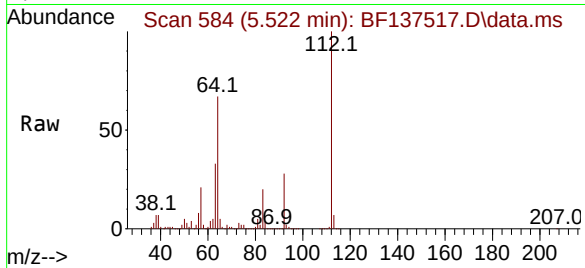




#5
2-Fluorophenol
Concen: 118.290 ng
RT: 5.522 min Scan# 51
Delta R.T. 0.012 min
Lab File: BF137517.D
Acq: 06 Mar 2024 14:25

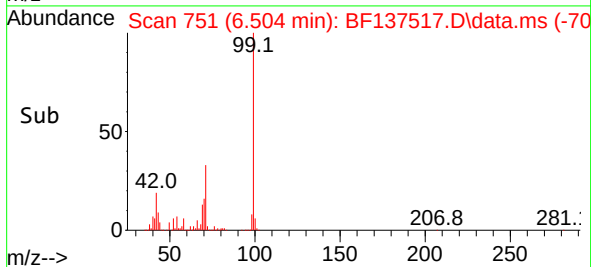
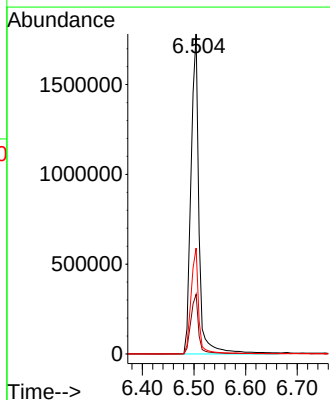
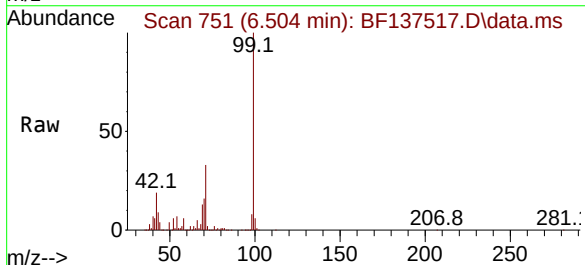
Instrument :
BNA_F
ClientSampleId :
TP-3

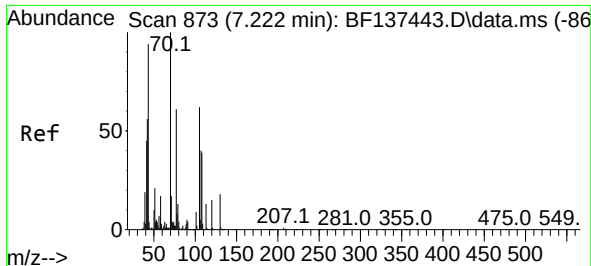
Tgt Ion:112 Resp: 1571063
Ion Ratio Lower Upper
112 100
64 66.6 53.4 80.2
63 32.8 26.2 39.2



#7
Phenol-d6
Concen: 100.755 ng
RT: 6.504 min Scan# 751
Delta R.T. 0.000 min
Lab File: BF137517.D
Acq: 06 Mar 2024 14:25

Tgt Ion: 99 Resp: 1931615
Ion Ratio Lower Upper
99 100
42 18.6 14.6 21.8
71 33.1 25.3 37.9



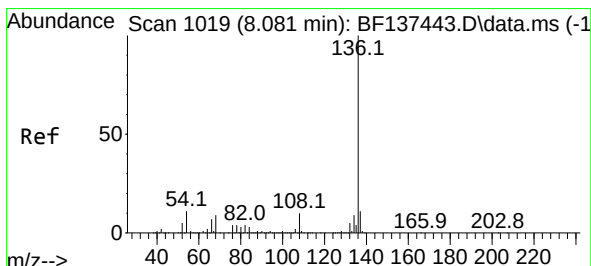
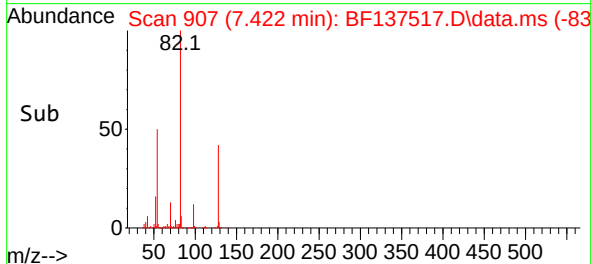
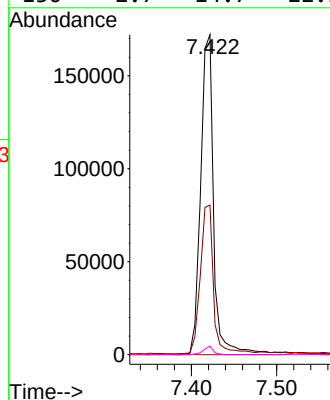
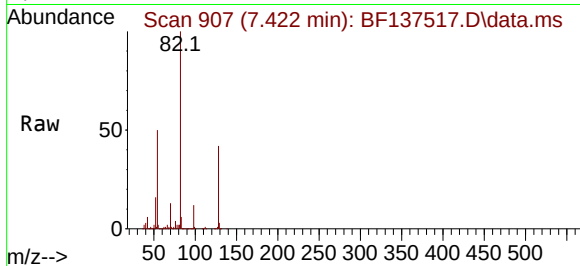


#19
n-Nitroso-di-n-propylamine
Concen: 15.373 ng
RT: 7.422 min Scan# 90
Delta R.T. 0.141 min
Lab File: BF137517.D
Acq: 06 Mar 2024 14:25

Instrument :
BNA_F
ClientSampleId :
TP-3

Tgt Ion: 70 Resp: 181991

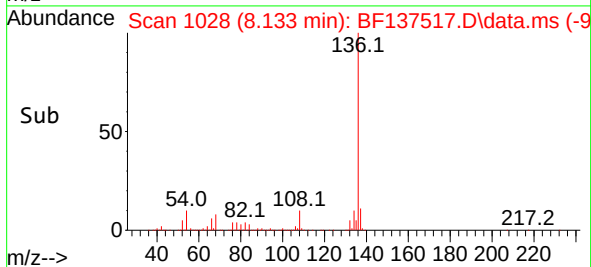
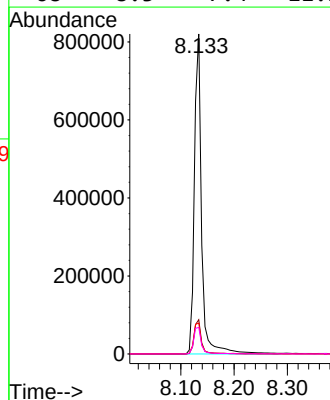
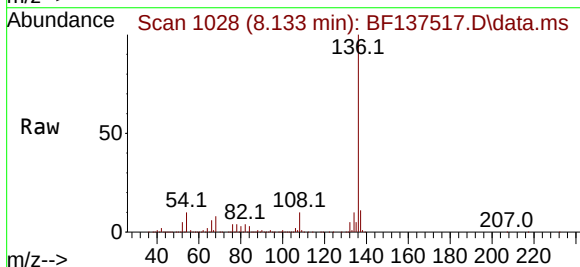
Ion	Ratio	Lower	Upper
70	100		
42	46.7	45.2	67.8
101	0.0	7.3	10.9#
130	2.7	14.7	22.1#

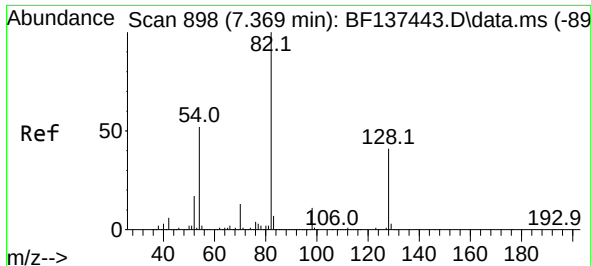


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.133 min Scan# 1028
Delta R.T. 0.000 min
Lab File: BF137517.D
Acq: 06 Mar 2024 14:25

Tgt Ion: 136 Resp: 774938

Ion	Ratio	Lower	Upper
136	100		
137	10.7	9.1	13.7
54	9.7	8.5	12.7
68	8.3	7.4	11.2





#23

Nitrobenzene-d5

Concen: 84.795 ng

RT: 7.422 min Scan# 907

Delta R.T. -0.006 min

Lab File: BF137517.D

Acq: 06 Mar 2024 14:25

Instrument :

BNA_F

ClientSampleId :

TP-3

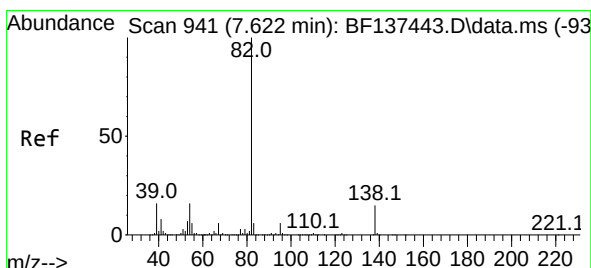
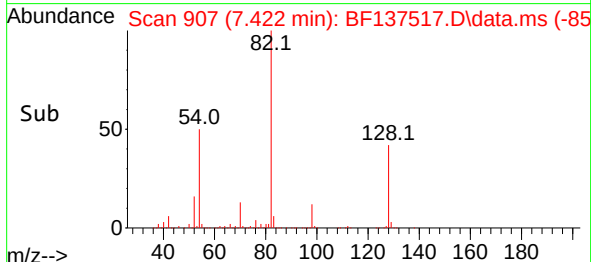
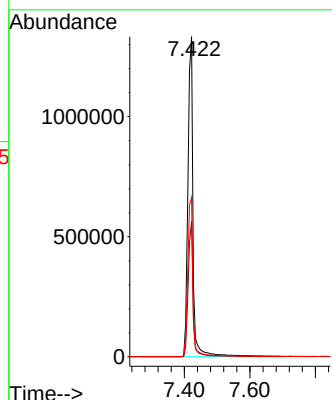
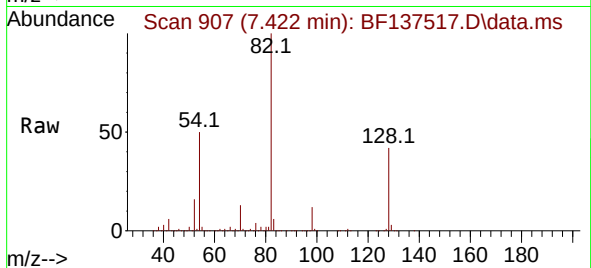
Tgt Ion: 82 Resp: 1414235

Ion Ratio Lower Upper

82 100

128 42.3 32.5 48.7

54 49.7 41.5 62.3



#25

Isophorone

Concen: 44.633 ng

RT: 7.422 min Scan# 907

Delta R.T. -0.259 min

Lab File: BF137517.D

Acq: 06 Mar 2024 14:25

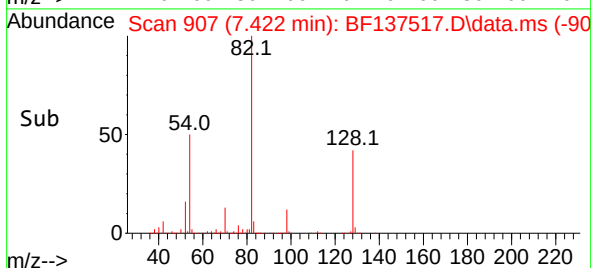
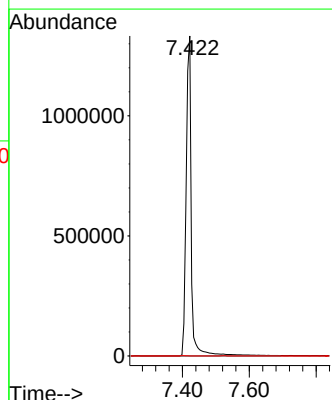
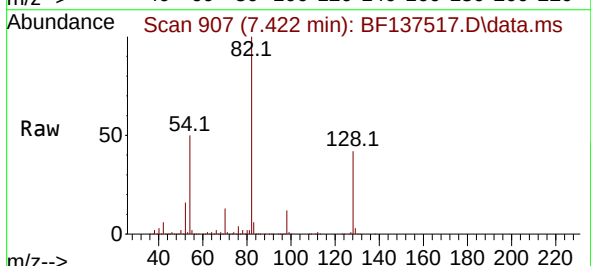
Tgt Ion: 82 Resp: 1414228

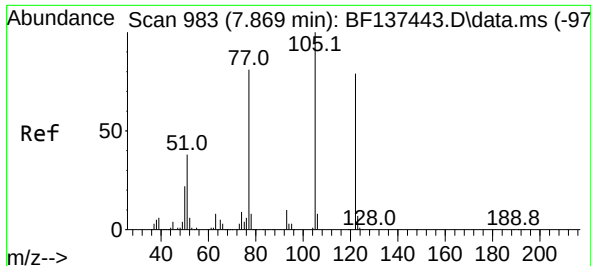
Ion Ratio Lower Upper

82 100

95 0.0 5.1 7.7#

138 0.0 11.8 17.8#

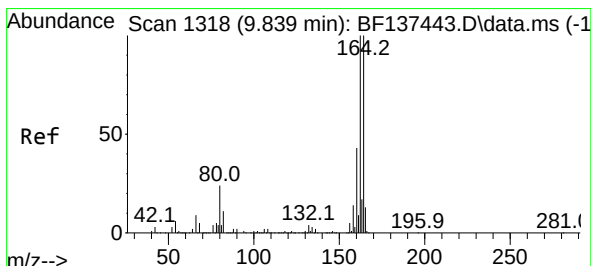
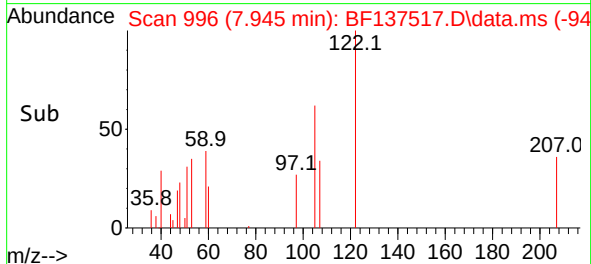
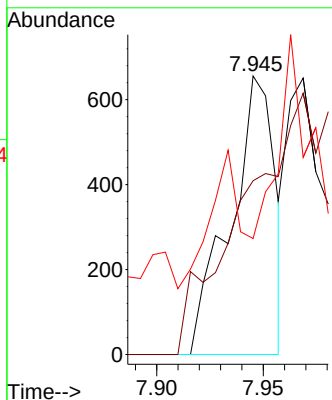
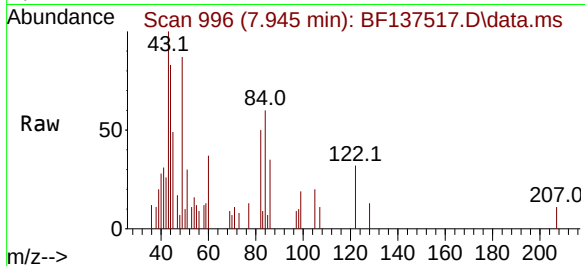




#32
Benzoic acid
Concen: 6.414 ng
RT: 7.945 min Scan# 91
Delta R.T. 0.018 min
Lab File: BF137517.D
Acq: 06 Mar 2024 14:25

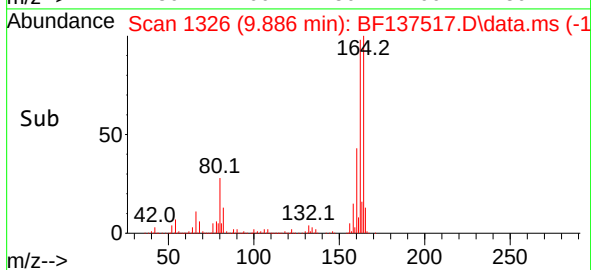
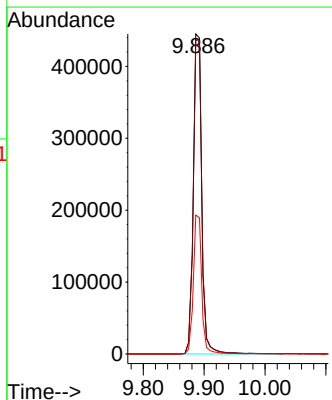
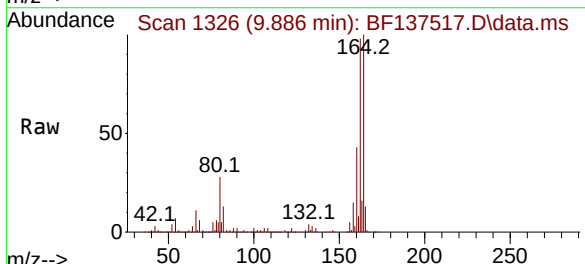
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TP-3

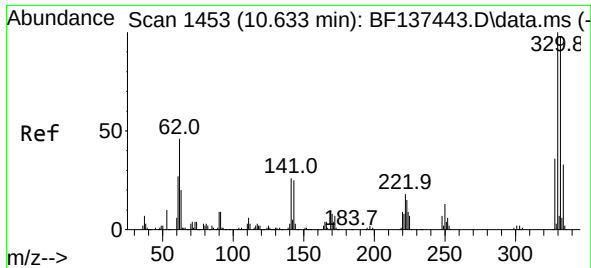
Tgt Ion:122 Resp: 952
Ion Ratio Lower Upper
122 100
105 62.3 102.4 142.4#
77 41.6 81.1 121.1#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.886 min Scan# 1326
Delta R.T. -0.006 min
Lab File: BF137517.D
Acq: 06 Mar 2024 14:25

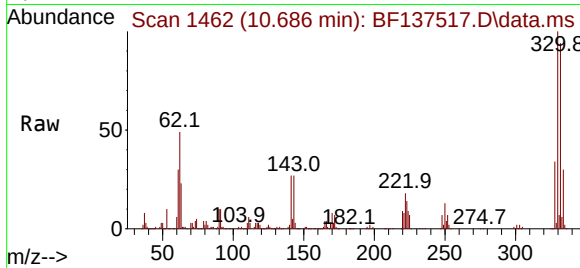
Tgt Ion:164 Resp: 428410
Ion Ratio Lower Upper
164 100
162 98.1 79.8 119.8
160 43.4 34.4 51.6



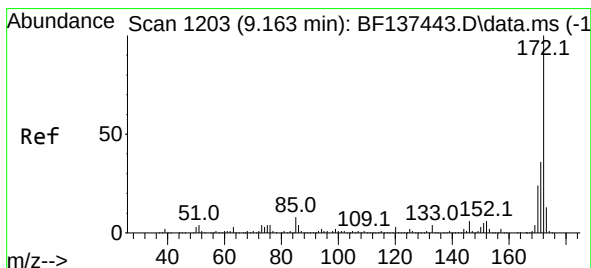
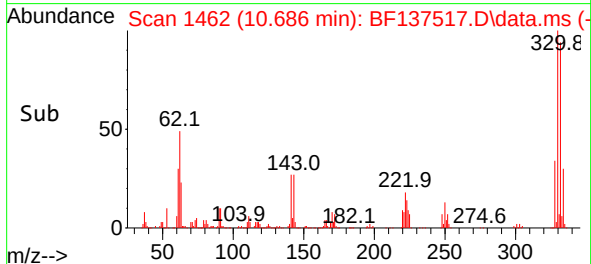
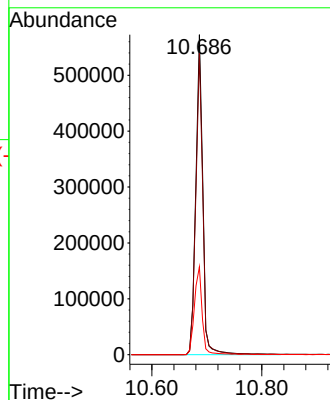


#42
2,4,6-Tribromophenol
Concen: 134.017 ng
RT: 10.686 min Scan# 1462
Delta R.T. -0.006 min
Lab File: BF137517.D
Acq: 06 Mar 2024 14:25

Instrument :
BNA_F
ClientSampleId :
TP-3

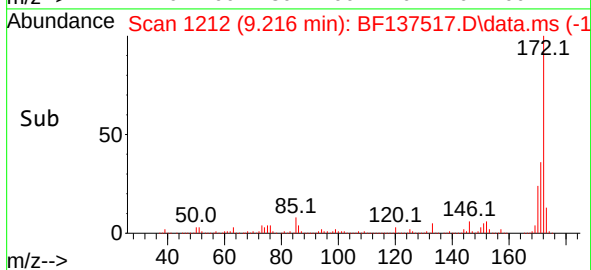
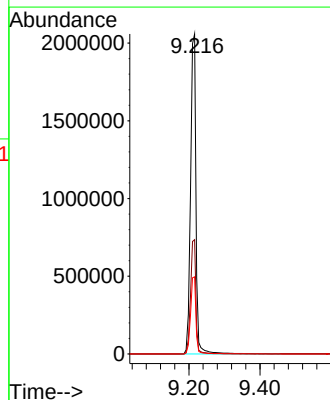
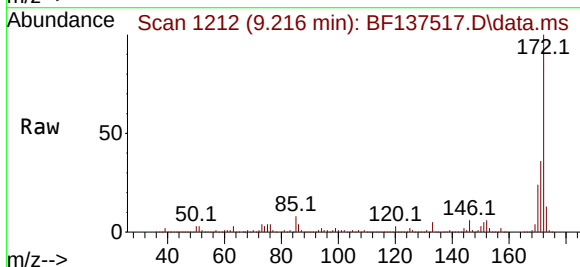


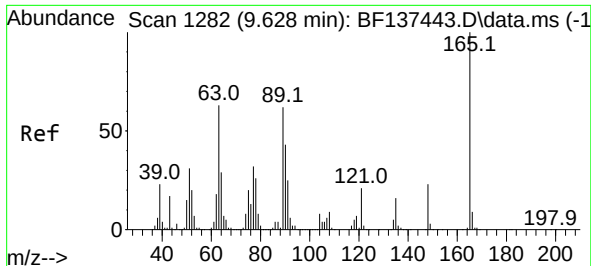
Tgt Ion:330 Resp: 504195
Ion Ratio Lower Upper
330 100
332 95.0 78.0 117.0
141 30.3 27.3 40.9



#45
2-Fluorobiphenyl
Concen: 79.592 ng
RT: 9.216 min Scan# 1212
Delta R.T. 0.000 min
Lab File: BF137517.D
Acq: 06 Mar 2024 14:25

Tgt Ion:172 Resp: 2178275
Ion Ratio Lower Upper
172 100
171 35.7 28.5 42.7
170 24.1 19.0 28.6

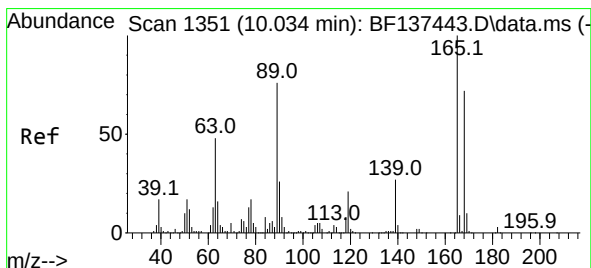
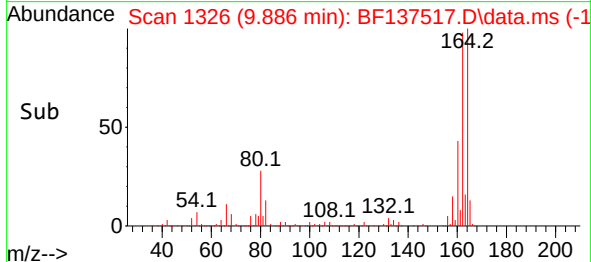
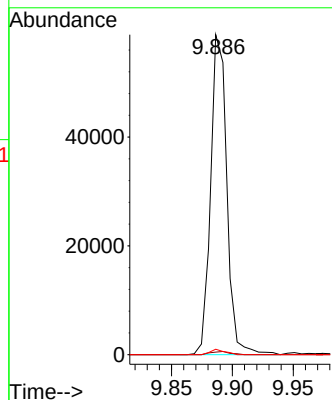
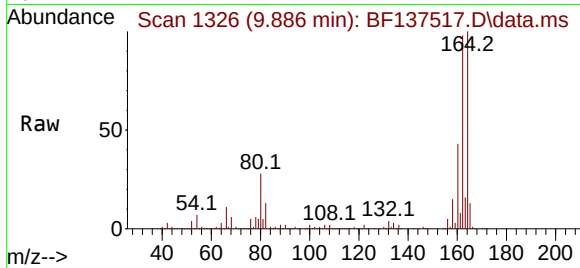




#51
2,6-Dinitrotoluene
Concen: 8.723 ng
RT: 9.886 min Scan# 1326
Delta R.T. 0.200 min
Lab File: BF137517.D
Acq: 06 Mar 2024 14:25

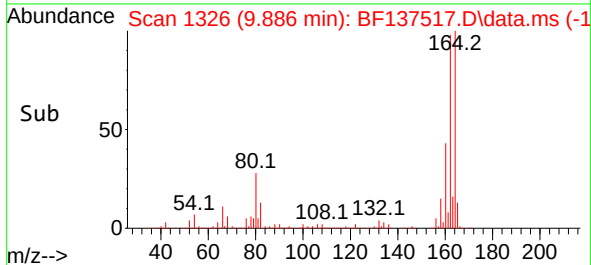
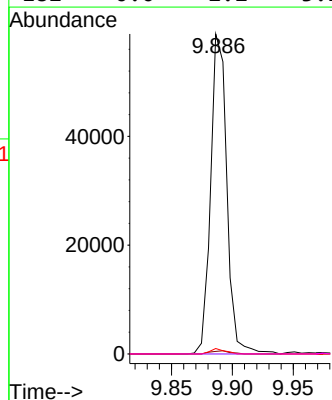
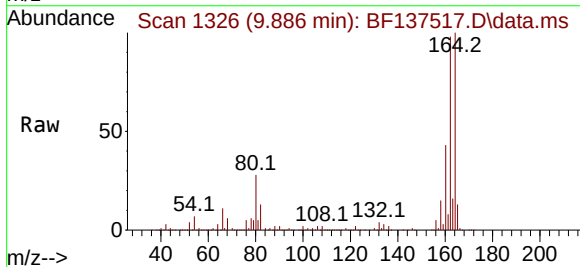
Instrument :
BNA_F
ClientSampleId :
TP-3

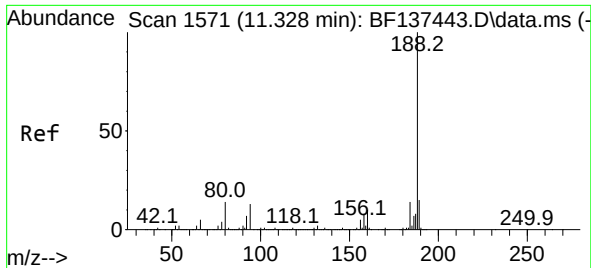
Tgt Ion:165 Resp: 54411
Ion Ratio Lower Upper
165 100
63 0.8 50.7 76.1#
89 1.7 50.0 75.0#



#57
2,4-Dinitrotoluene
Concen: 7.100 ng
RT: 9.886 min Scan# 1326
Delta R.T. -0.206 min
Lab File: BF137517.D
Acq: 06 Mar 2024 14:25

Tgt Ion:165 Resp: 54411
Ion Ratio Lower Upper
165 100
63 0.8 39.0 58.6#
89 1.7 60.9 91.3#
182 0.0 2.2 3.2#

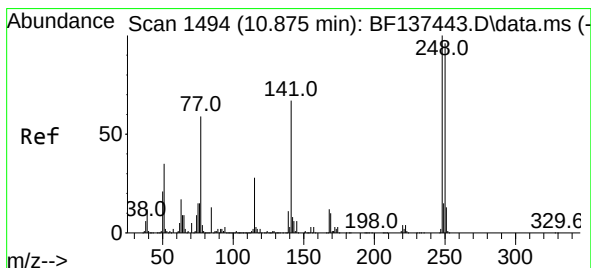
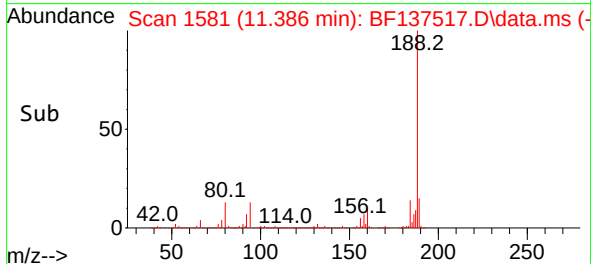
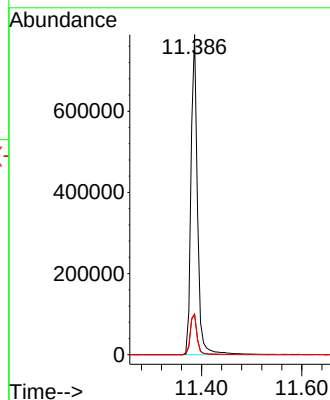
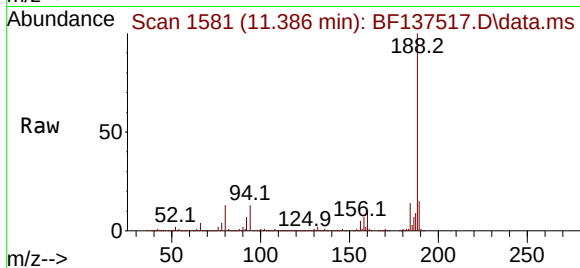




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.386 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF137517.D
Acq: 06 Mar 2024 14:25

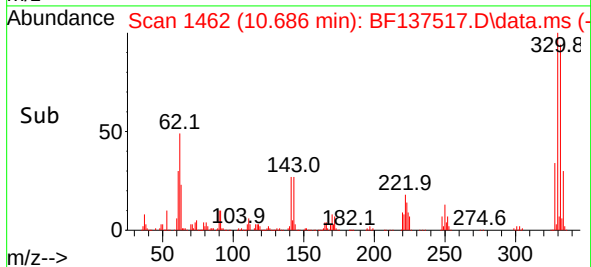
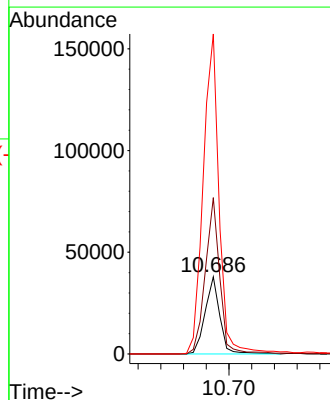
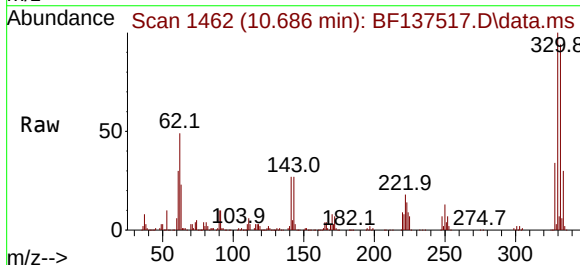
Instrument :
BNA_F
ClientSampleId :
TP-3

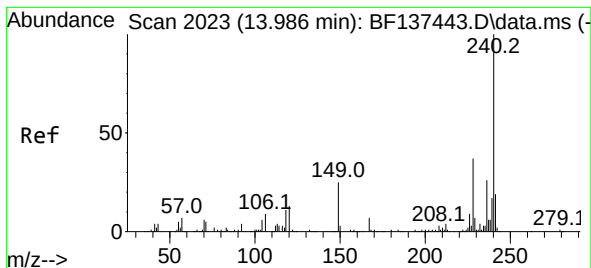
Tgt Ion:188 Resp: 709295
Ion Ratio Lower Upper
188 100
94 12.5 10.6 15.8
80 12.8 11.5 17.3



#67
4-Bromophenyl-phenylether
Concen: 4.397 ng
RT: 10.686 min Scan# 1462
Delta R.T. -0.247 min
Lab File: BF137517.D
Acq: 06 Mar 2024 14:25

Tgt Ion:248 Resp: 33970
Ion Ratio Lower Upper
248 100
250 202.7 76.8 115.2#
141 414.9 53.4 80.0#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.045 min Scan# 20

Delta R.T. -0.006 min

Lab File: BF137517.D

Acq: 06 Mar 2024 14:25

Instrument :

BNA_F

ClientSampleId :

TP-3

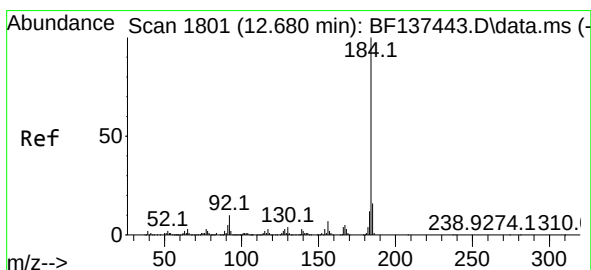
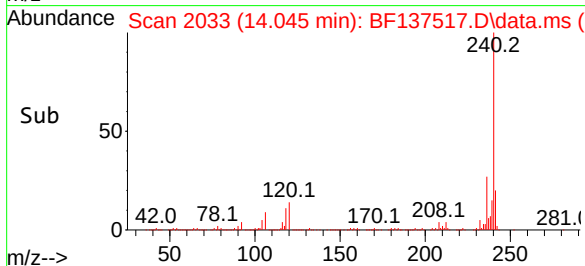
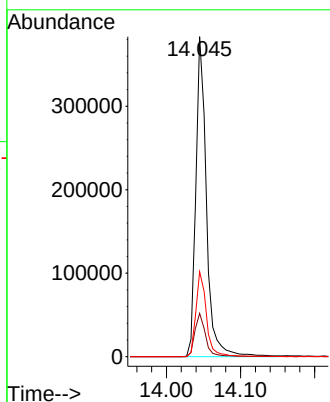
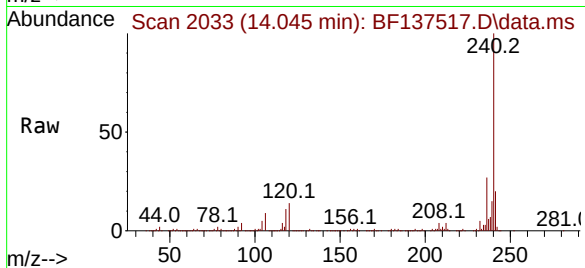
Tgt Ion:240 Resp: 381283

Ion Ratio Lower Upper

240 100

120 13.6 10.4 15.6

236 26.5 20.9 31.3



#77

Benzidine

Concen: 3.024 ng

RT: 12.992 min Scan# 1854

Delta R.T. 0.253 min

Lab File: BF137517.D

Acq: 06 Mar 2024 14:25

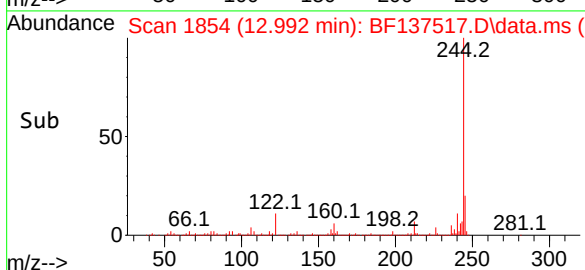
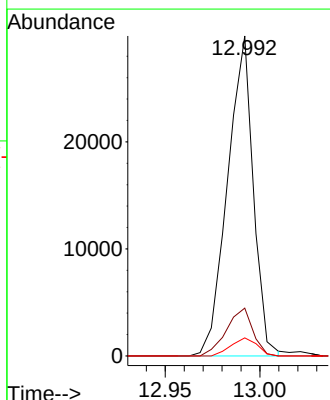
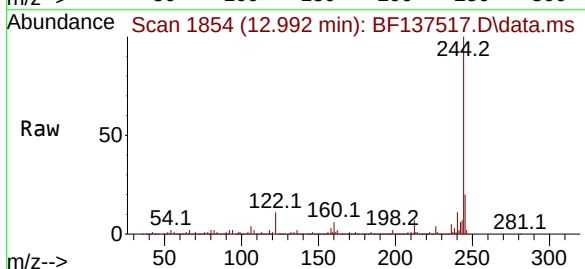
Tgt Ion:184 Resp: 28221

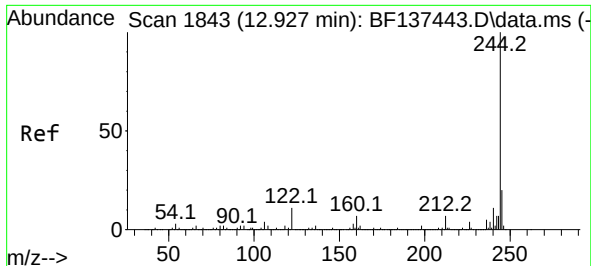
Ion Ratio Lower Upper

184 100

185 14.9 13.2 19.8

183 5.6 9.3 13.9#

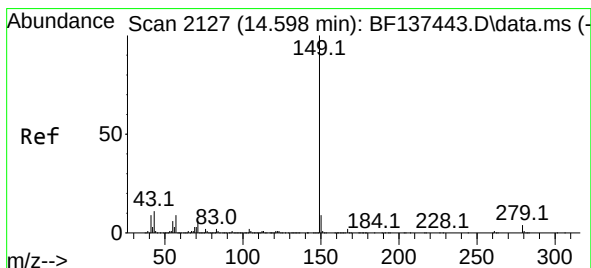
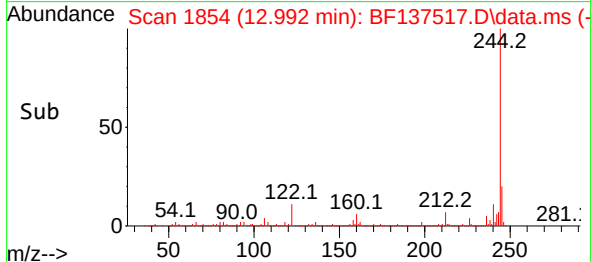
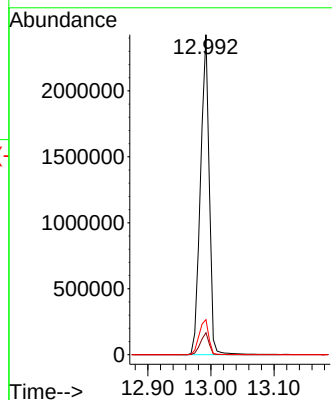
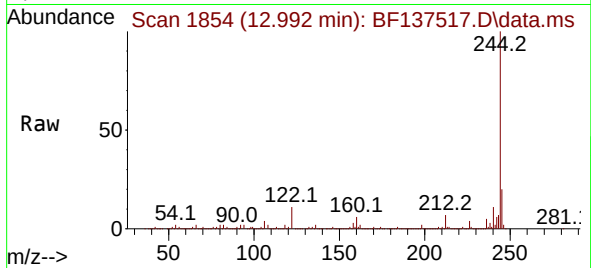




#79
 Terphenyl-d14
 Concen: 83.995 ng
 RT: 12.992 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: BF137517.D
 Acq: 06 Mar 2024 14:25

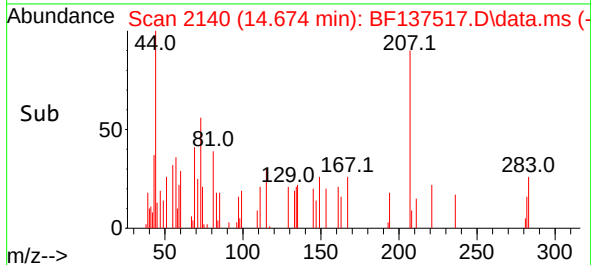
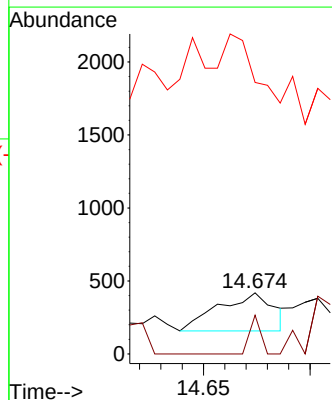
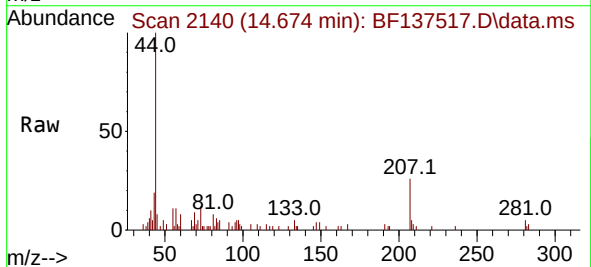
Instrument :
 BNA_F
 ClientSampleId :
 TP-3

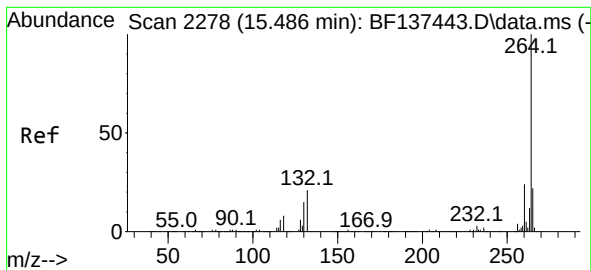
Tgt Ion:244 Resp: 2328978
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.4 8.2
 122 10.9 9.1 13.7



#85
 Di-n-octyl phthalate
 Concen: 5.625 ng
 RT: 14.674 min Scan# 2140
 Delta R.T. 0.012 min
 Lab File: BF137517.D
 Acq: 06 Mar 2024 14:25

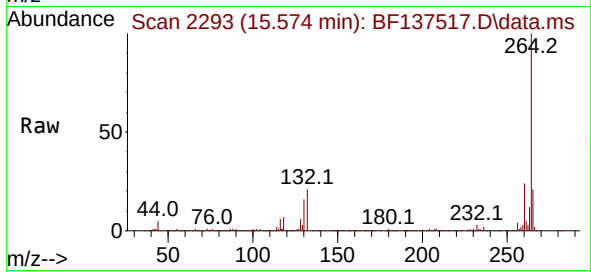
Tgt Ion:149 Resp: 470
 Ion Ratio Lower Upper
 149 100
 167 19.8 1.2 1.8#
 43 0.0 9.6 14.4#





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.574 min Scan# 21
Delta R.T. 0.006 min
Lab File: BF137517.D
Acq: 06 Mar 2024 14:25

Instrument :
BNA_F
ClientSampleId :
TP-3



Tgt Ion:264 Resp: 358459
Ion Ratio Lower Upper
264 100
260 23.6 19.3 28.9
265 20.9 17.4 26.0

