

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031424\
 Data File : BF137595.D
 Acq On : 14 Mar 2024 17:32
 Operator : CG\JU
 Sample : P1746-02
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-01-4.0-6.0

Quant Time: Mar 14 17:56:41 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)

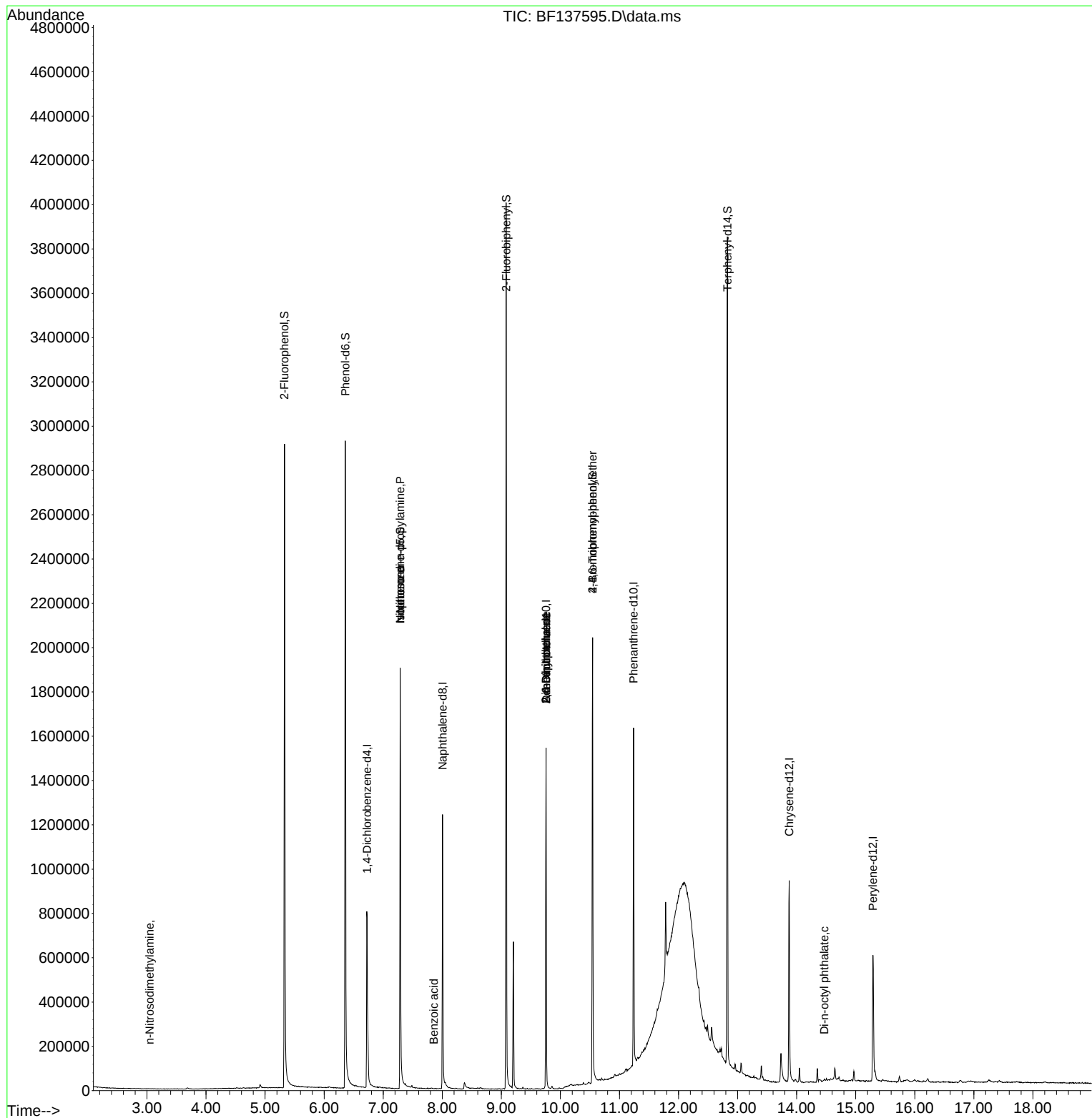
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.728	152	133462	20.000	ng	0.00
21) Naphthalene-d8	8.004	136	528915	20.000	ng	0.00
39) Acenaphthene-d10	9.757	164	291621	20.000	ng	0.00
64) Phenanthrene-d10	11.239	188	516712	20.000	ng	0.00
76) Chrysene-d12	13.874	240	329405	20.000	ng	0.00
86) Perylene-d12	15.292	264	276385	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.328	112	823818	93.488	ng	0.00
7) Phenol-d6	6.357	99	1103642	86.765	ng	-0.01
23) Nitrobenzene-d5	7.287	82	646893	56.828	ng	-0.01
42) 2,4,6-Tribromophenol	10.545	330	234362	91.514	ng	0.00
45) 2-Fluorobiphenyl	9.081	172	1145583	61.493	ng	0.00
79) Terphenyl-d14	12.827	244	1277649	53.336	ng	0.00
Target Compounds						
					Qvalue	
4) n-Nitrosodimethylamine	3.046	42	110	3.830	ng	# 1
19) n-Nitroso-di-n-propyla...	7.287	70	81251	10.344	ng	# 82
25) Isophorone	7.287	82	646888	29.912	ng	# 69
32) Benzoic acid	7.857	122	58	6.309	ng	# 1
50) Dimethylphthalate	9.757	163	45873	2.260	ng	# 1
51) 2,6-Dinitrotoluene	9.757	165	37935	8.934	ng	# 20
57) 2,4-Dinitrotoluene	9.757	165	37935	7.272	ng	# 21
67) 4-Bromophenyl-phenylether	10.545	248	16350	2.905	ng	# 1
85) Di-n-octyl phthalate	14.468	149	142	5.613	ng	# 1

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

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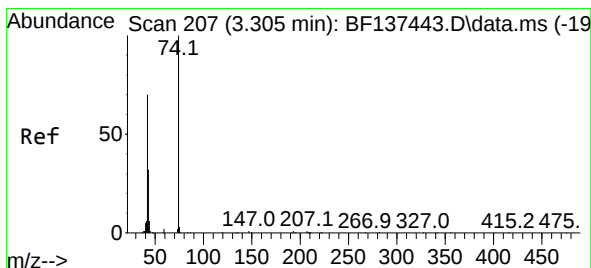
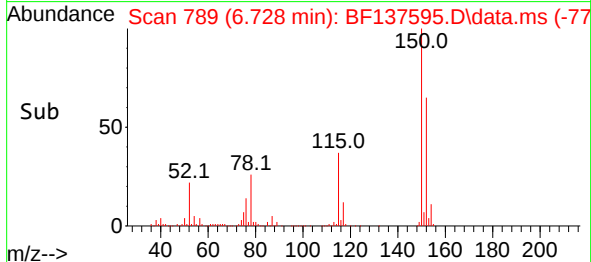
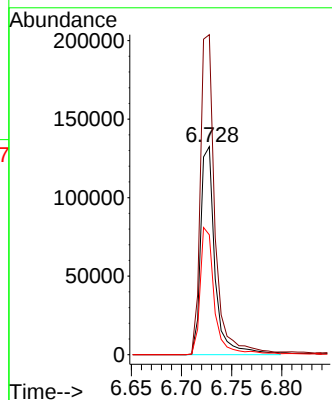
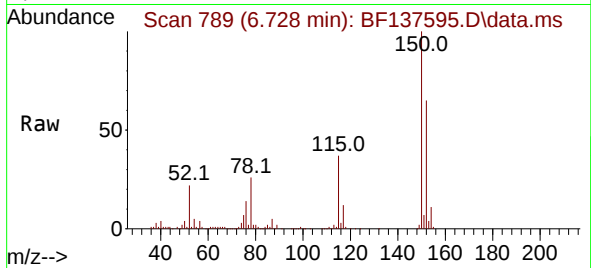




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.728 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF137595.D
Acq: 14 Mar 2024 17:32

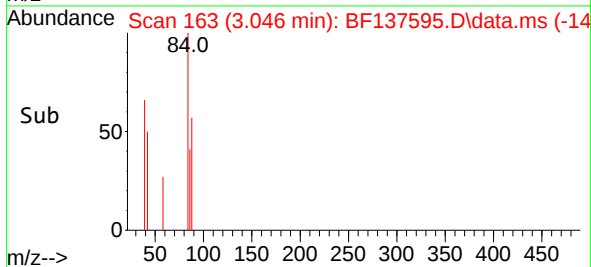
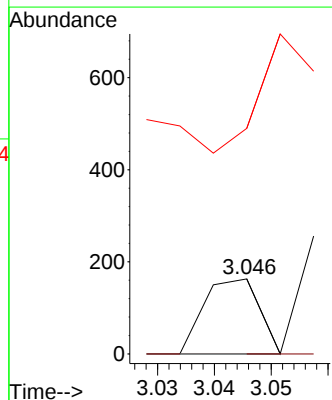
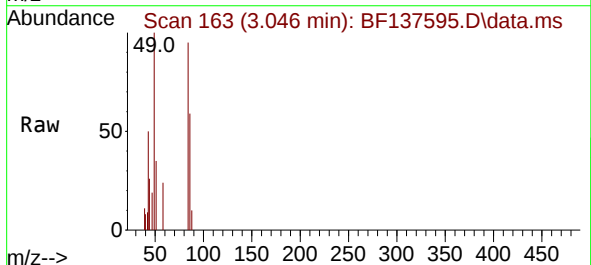
Instrument :
BNA_F
ClientSampleId :
SB-01-4.0-6.0

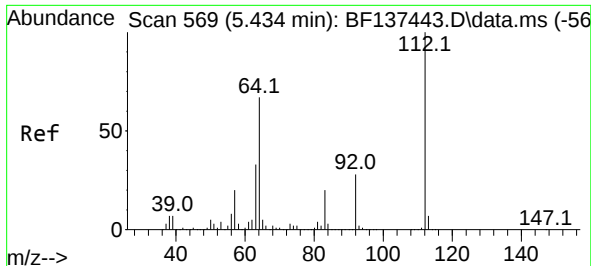
Tgt Ion:152 Resp: 133462
Ion Ratio Lower Upper
152 100
150 153.8 125.8 188.6
115 57.6 48.8 73.2



#4
n-Nitrosodimethylamine
Concen: 3.830 ng
RT: 3.046 min Scan# 163
Delta R.T. 0.006 min
Lab File: BF137595.D
Acq: 14 Mar 2024 17:32

Tgt Ion: 42 Resp: 110
Ion Ratio Lower Upper
42 100
74 0.0 114.0 171.0#
44 300.6 7.0 10.4#

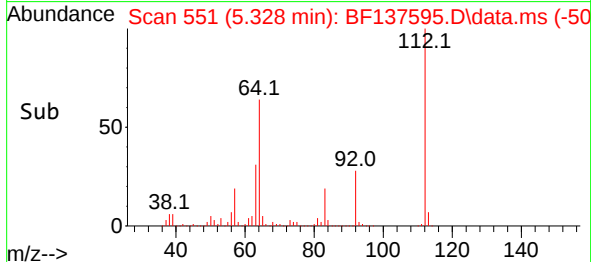
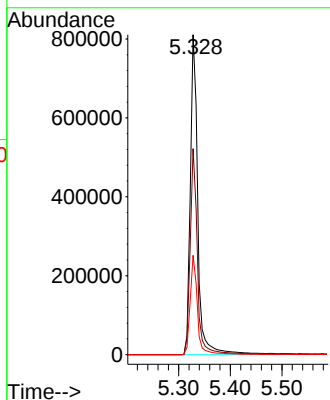
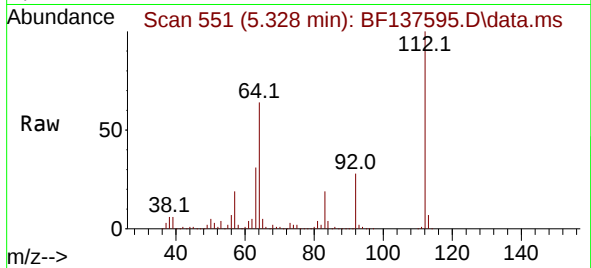




#5
2-Fluorophenol
Concen: 93.488 ng
RT: 5.328 min Scan# 51
Delta R.T. -0.006 min
Lab File: BF137595.D
Acq: 14 Mar 2024 17:32

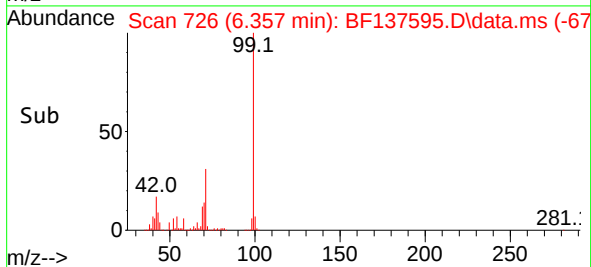
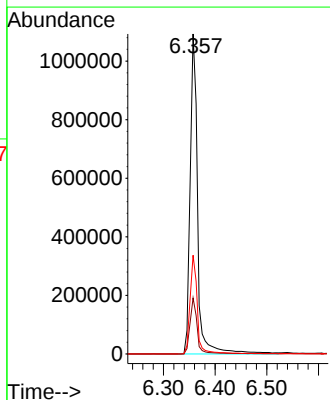
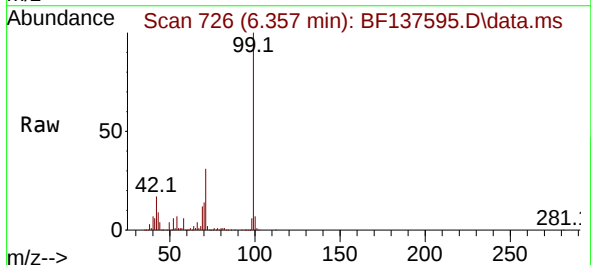
Instrument :
BNA_F
ClientSampleId :
SB-01-4.0-6.0

Tgt Ion:112 Resp: 823818
Ion Ratio Lower Upper
112 100
64 64.4 53.4 80.2
63 31.1 26.2 39.2



#7
Phenol-d6
Concen: 86.765 ng
RT: 6.357 min Scan# 726
Delta R.T. -0.012 min
Lab File: BF137595.D
Acq: 14 Mar 2024 17:32

Tgt Ion: 99 Resp: 1103642
Ion Ratio Lower Upper
99 100
42 17.5 14.6 21.8
71 30.9 25.3 37.9

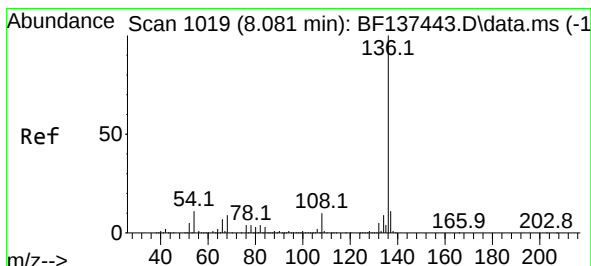
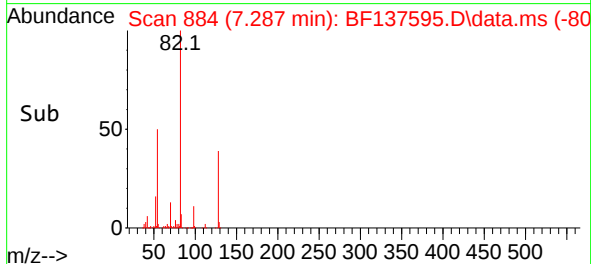
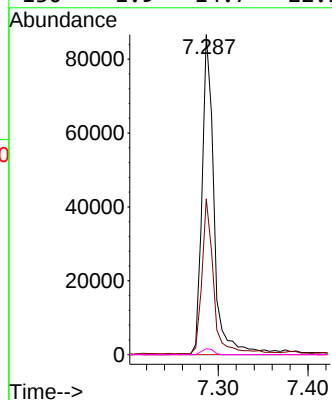
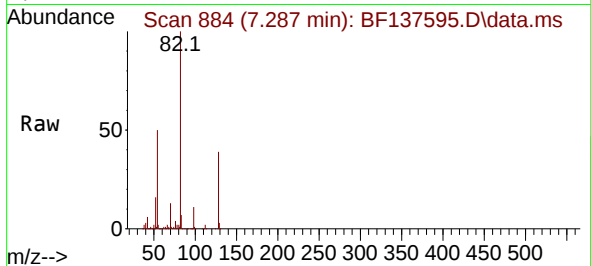




#19
n-Nitroso-di-n-propylamine
Concen: 10.344 ng
RT: 7.287 min Scan# 81
Delta R.T. 0.141 min
Lab File: BF137595.D
Acq: 14 Mar 2024 17:32

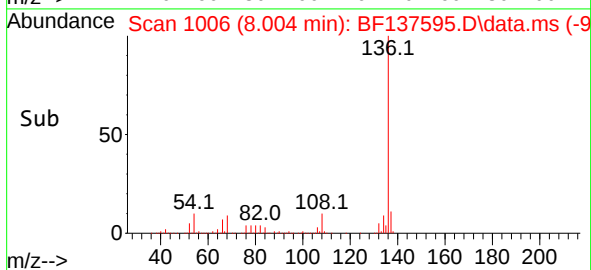
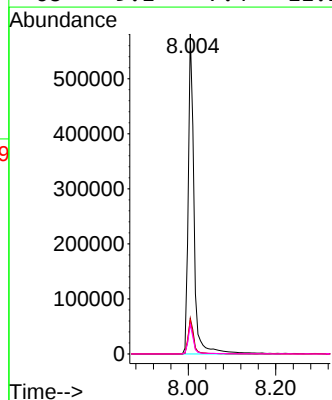
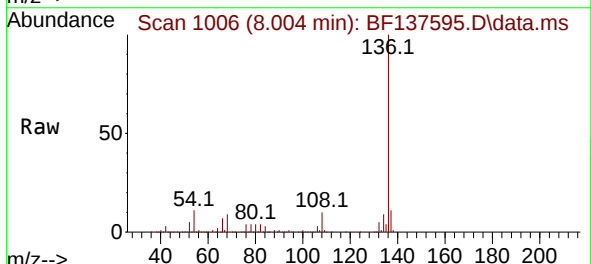
Instrument :
BNA_F
ClientSampleId :
SB-01-4.0-6.0

Tgt Ion:	70	Resp:	81251
Ion	Ratio	Lower	Upper
70	100		
42	48.7	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: 8.004 min Scan# 1006
Delta R.T. -0.006 min
Lab File: BF137595.D
Acq: 14 Mar 2024 17:32

Tgt Ion:	136	Resp:	528915
Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.1	13.7
54	10.5	8.5	12.7
68	9.1	7.4	11.2





#23

Nitrobenzene-d5

Concen: 56.828 ng

RT: 7.287 min Scan# 884

Delta R.T. -0.012 min

Lab File: BF137595.D

Acq: 14 Mar 2024 17:32

Instrument :

BNA_F

ClientSampleId :

SB-01-4.0-6.0

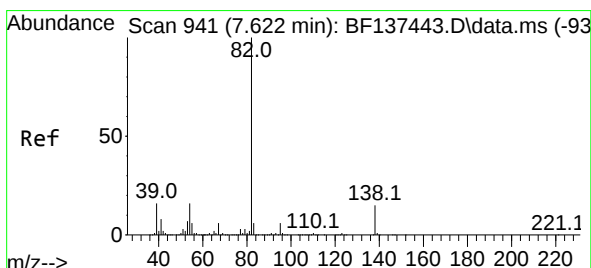
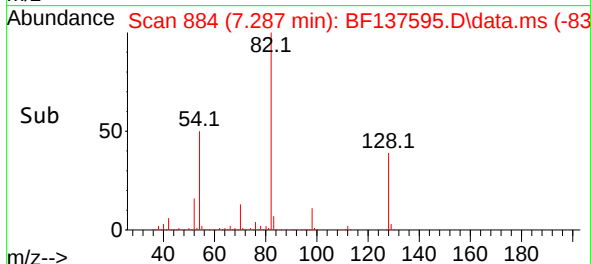
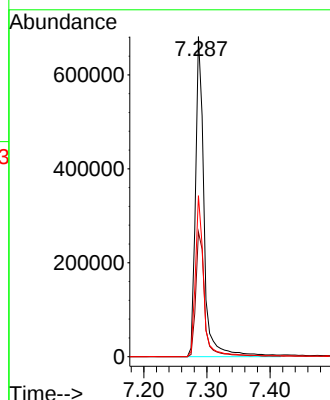
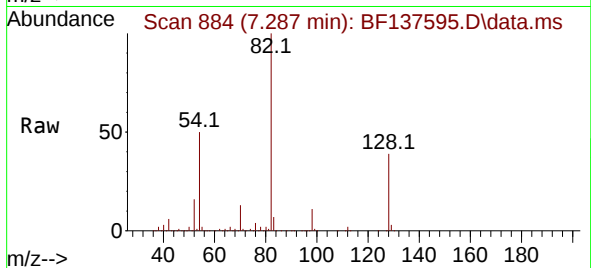
Tgt Ion: 82 Resp: 646893

Ion Ratio Lower Upper

82 100

128 39.0 32.5 48.7

54 50.3 41.5 62.3



#25

Isophorone

Concen: 29.912 ng

RT: 7.287 min Scan# 884

Delta R.T. -0.265 min

Lab File: BF137595.D

Acq: 14 Mar 2024 17:32

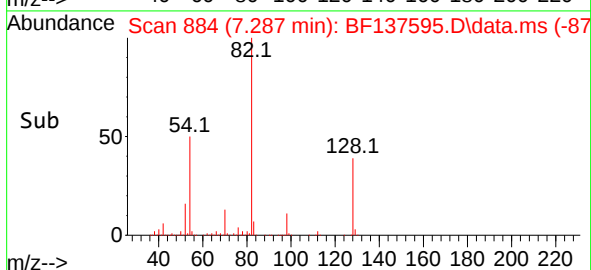
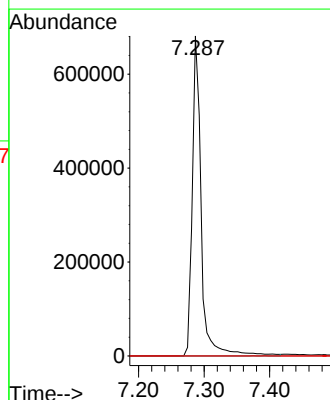
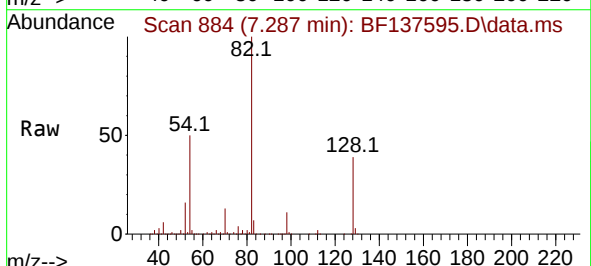
Tgt Ion: 82 Resp: 646888

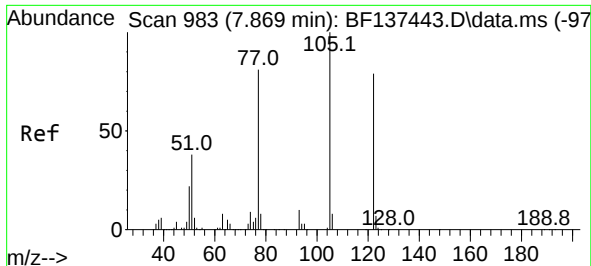
Ion Ratio Lower Upper

82 100

95 0.0 5.1 7.7#

138 0.0 11.8 17.8#

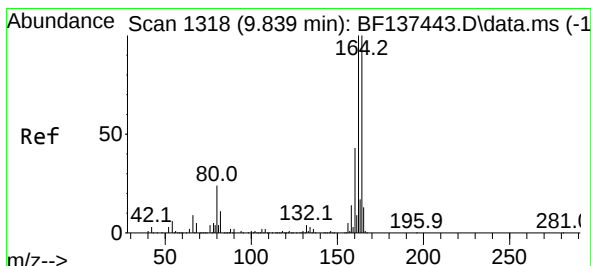
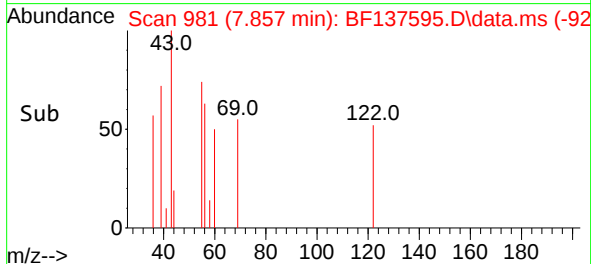
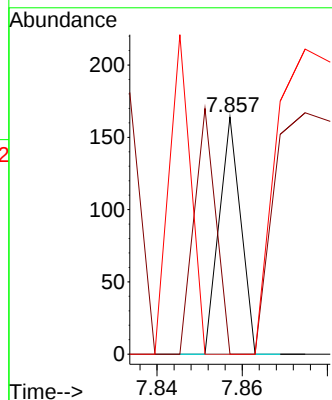
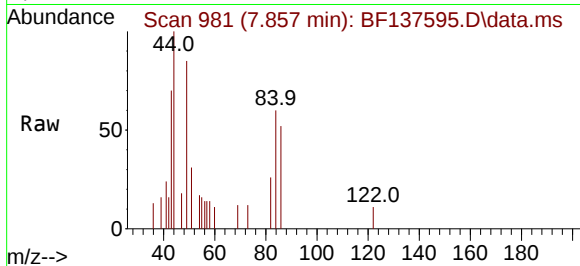




#32
Benzoic acid
Concen: 6.309 ng
RT: 7.857 min Scan# 91
Delta R.T. 0.059 min
Lab File: BF137595.D
Acq: 14 Mar 2024 17:32

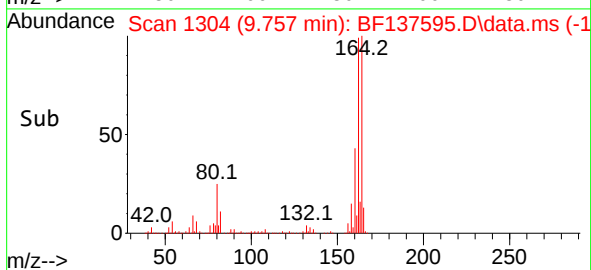
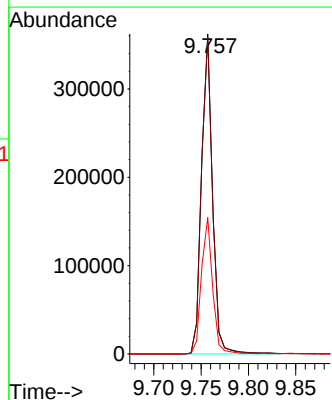
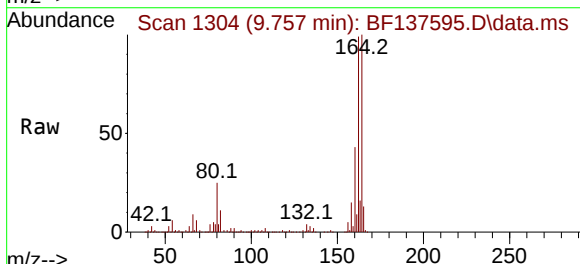
Instrument :
BNA_F
ClientSampleId :
SB-01-4.0-6.0

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: 9.757 min Scan# 1304
Delta R.T. -0.006 min
Lab File: BF137595.D
Acq: 14 Mar 2024 17:32

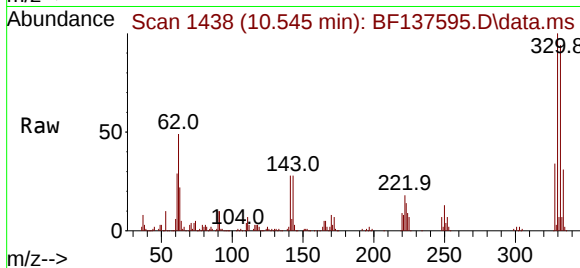
Tgt Ion:164 Resp: 291621
Ion Ratio Lower Upper
164 100
162 99.1 79.8 119.8
160 42.6 34.4 51.6



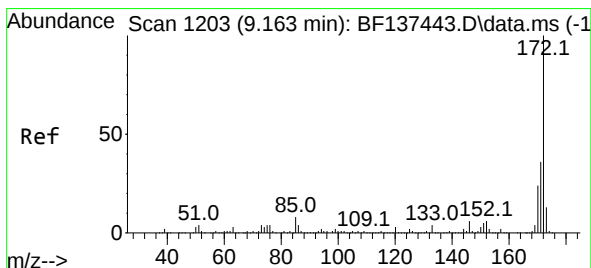
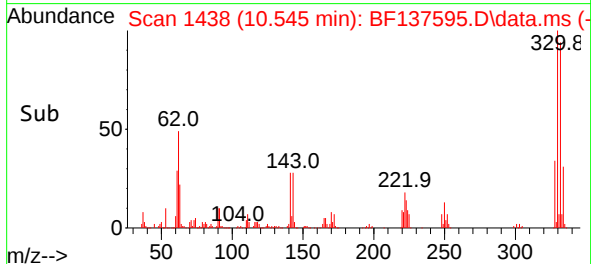
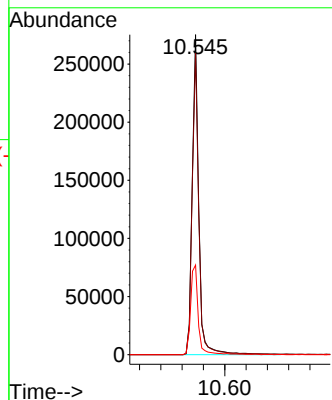


#42
2,4,6-Tribromophenol
Concen: 91.514 ng
RT: 10.545 min Scan# 1453
Delta R.T. -0.006 min
Lab File: BF137595.D
Acq: 14 Mar 2024 17:32

Instrument :
BNA_F
ClientSampleId :
SB-01-4.0-6.0

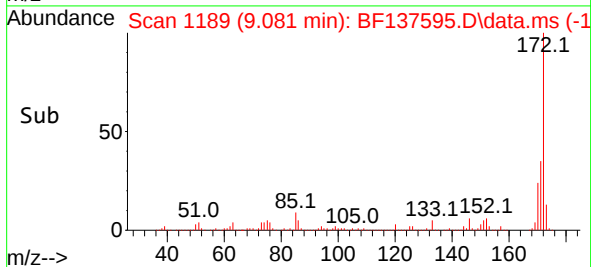
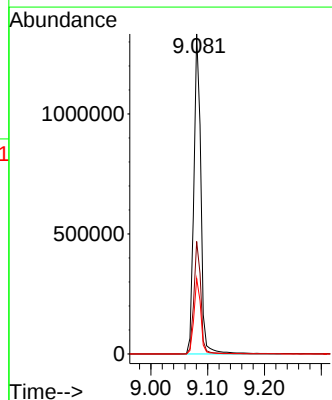
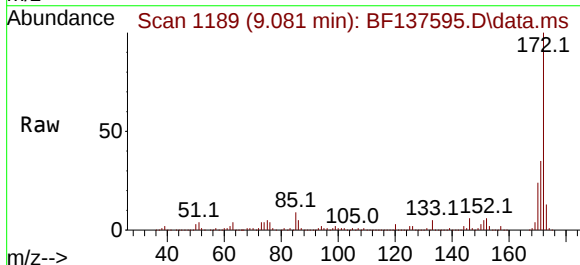


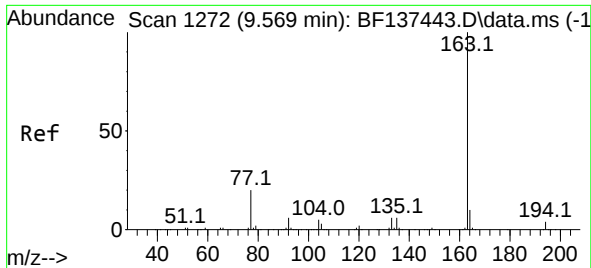
Tgt Ion: 330 Resp: 234362
Ion Ratio Lower Upper
330 100
332 95.9 78.0 117.0
141 32.6 27.3 40.9



#45
2-Fluorobiphenyl
Concen: 61.493 ng
RT: 9.081 min Scan# 1189
Delta R.T. -0.006 min
Lab File: BF137595.D
Acq: 14 Mar 2024 17:32

Tgt Ion: 172 Resp: 1145583
Ion Ratio Lower Upper
172 100
171 35.2 28.5 42.7
170 23.6 19.0 28.6

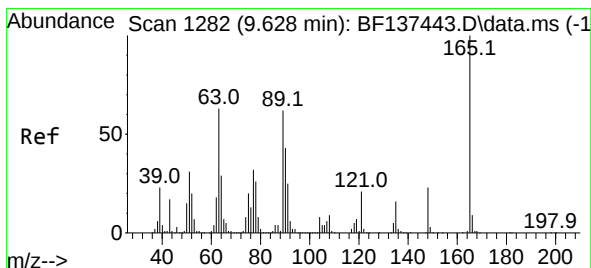
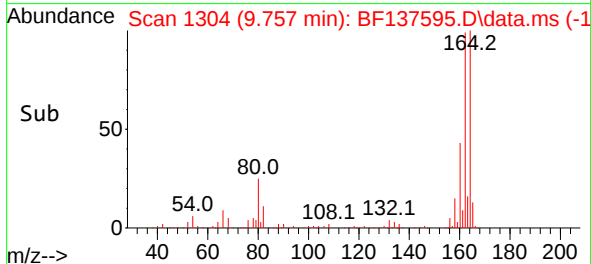
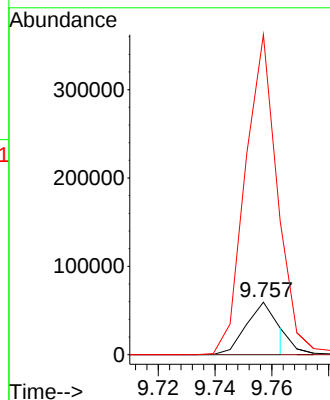
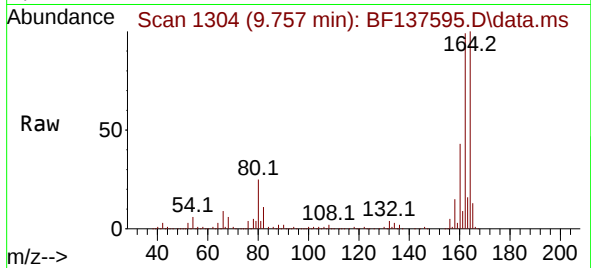




#50
Dimethylphthalate
Concen: 2.260 ng
RT: 9.757 min Scan# 11
Delta R.T. 0.265 min
Lab File: BF137595.D
Acq: 14 Mar 2024 17:32

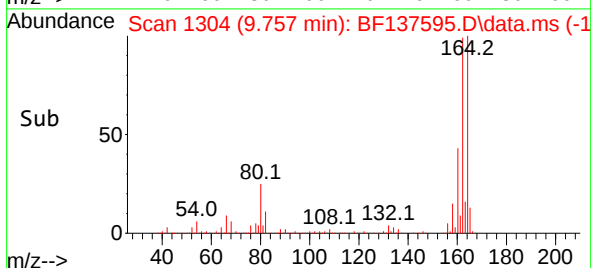
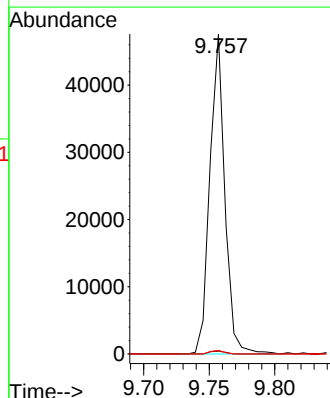
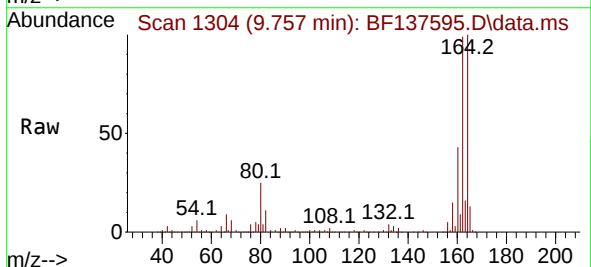
Instrument :
BNA_F
ClientSampleId :
SB-01-4.0-6.0

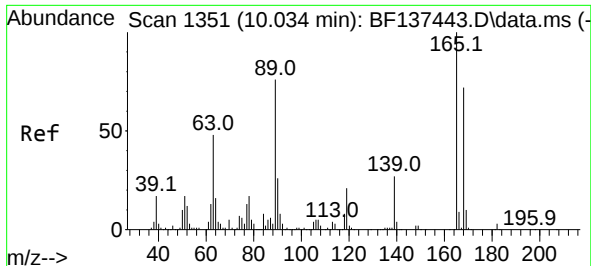
Tgt Ion:163 Resp: 45873
Ion Ratio Lower Upper
163 100
194 0.0 3.3 4.9#
164 609.9 8.1 12.1#



#51
2,6-Dinitrotoluene
Concen: 8.934 ng
RT: 9.757 min Scan# 1304
Delta R.T. 0.206 min
Lab File: BF137595.D
Acq: 14 Mar 2024 17:32

Tgt Ion:165 Resp: 37935
Ion Ratio Lower Upper
165 100
63 0.8 50.7 76.1#
89 1.2 50.0 75.0#

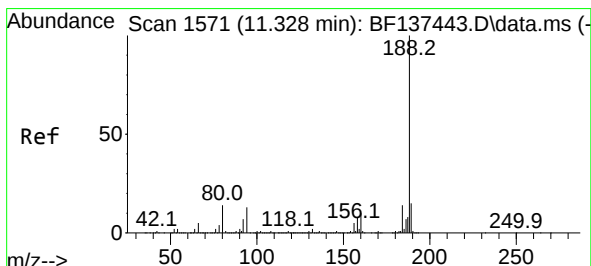
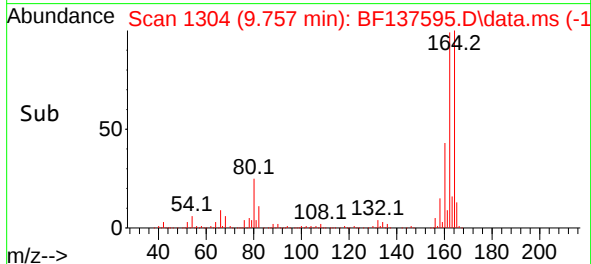
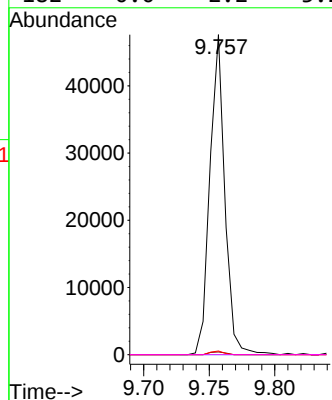
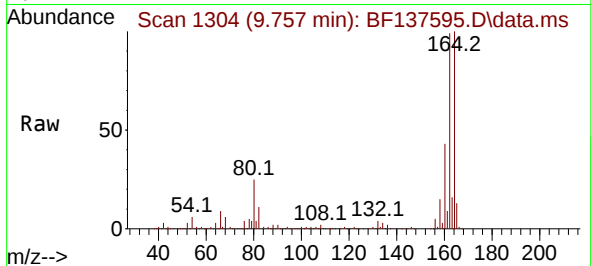




#57
2,4-Dinitrotoluene
Concen: 7.272 ng
RT: 9.757 min Scan# 11
Delta R.T. -0.200 min
Lab File: BF137595.D
Acq: 14 Mar 2024 17:32

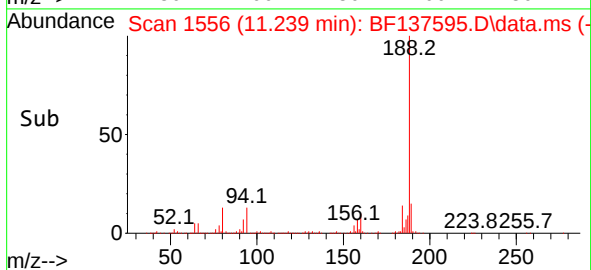
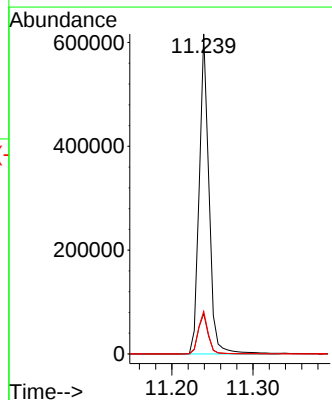
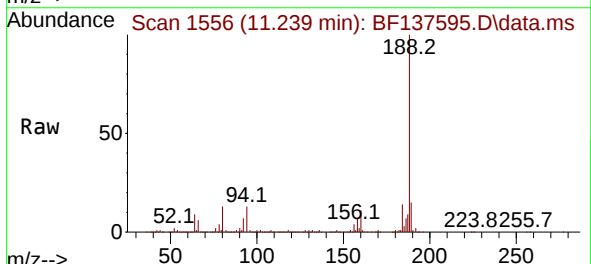
Instrument :
BNA_F
ClientSampleId :
SB-01-4.0-6.0

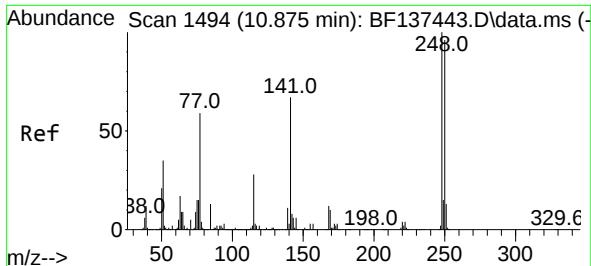
Tgt Ion:165 Resp: 37935
Ion Ratio Lower Upper
165 100
63 0.8 39.0 58.6#
89 1.2 60.9 91.3#
182 0.0 2.2 3.2#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.239 min Scan# 1556
Delta R.T. -0.000 min
Lab File: BF137595.D
Acq: 14 Mar 2024 17:32

Tgt Ion:188 Resp: 516712
Ion Ratio Lower Upper
188 100
94 12.6 10.6 15.8
80 13.4 11.5 17.3

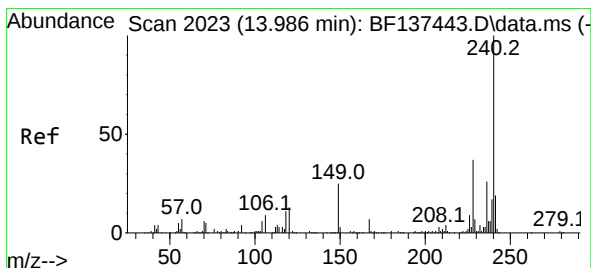
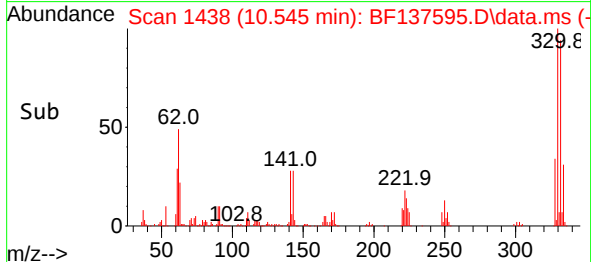
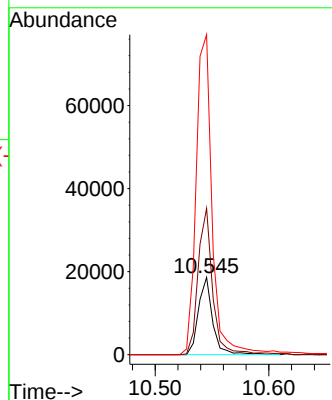
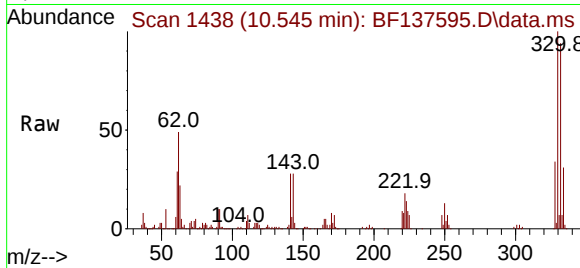




#67
4-Bromophenyl-phenylether
Concen: 2.905 ng
RT: 10.545 min Scan# 1494
Delta R.T. -0.247 min
Lab File: BF137595.D
Acq: 14 Mar 2024 17:32

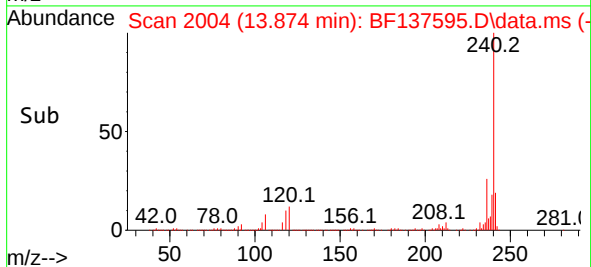
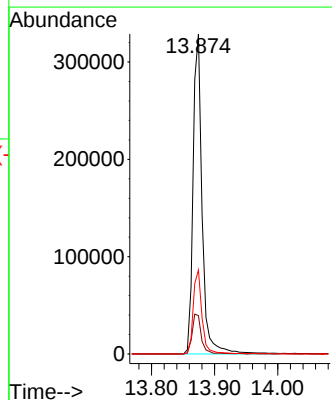
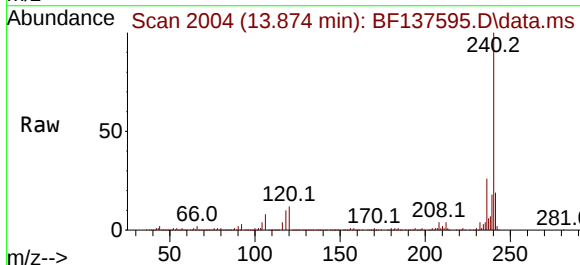
Instrument :
BNA_F
ClientSampleId :
SB-01-4.0-6.0

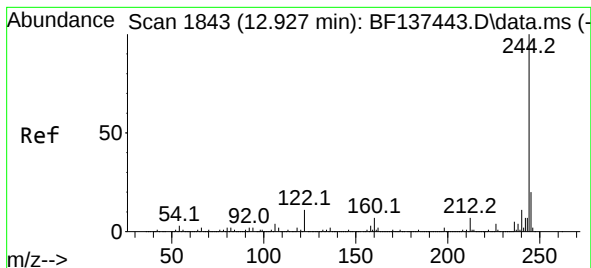
Tgt Ion:248 Resp: 16350
Ion Ratio Lower Upper
248 100
250 189.4 76.8 115.2#
141 414.1 53.4 80.0#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.874 min Scan# 2004
Delta R.T. -0.000 min
Lab File: BF137595.D
Acq: 14 Mar 2024 17:32

Tgt Ion:240 Resp: 329405
Ion Ratio Lower Upper
240 100
120 12.0 10.4 15.6
236 26.2 20.9 31.3





#79

Terphenyl-d14

Concen: 53.336 ng

RT: 12.827 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF137595.D

Acq: 14 Mar 2024 17:32

Instrument :

BNA_F

ClientSampleId :

SB-01-4.0-6.0

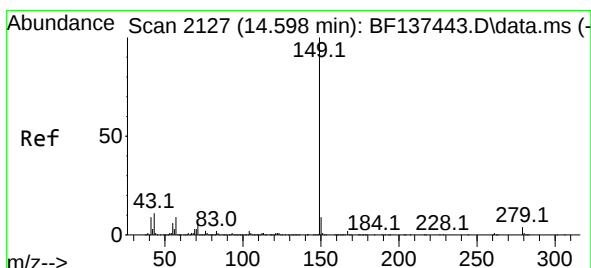
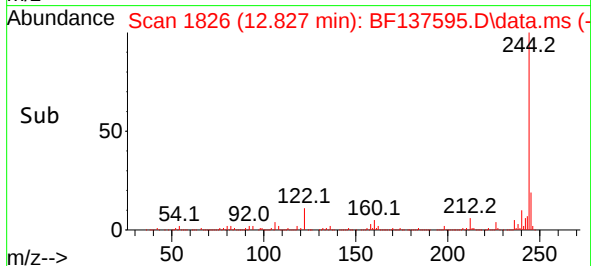
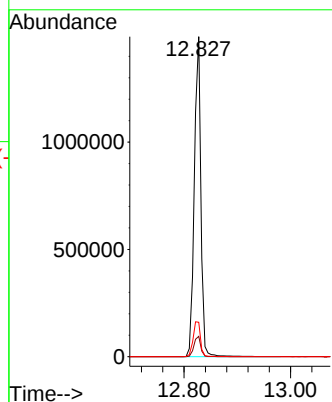
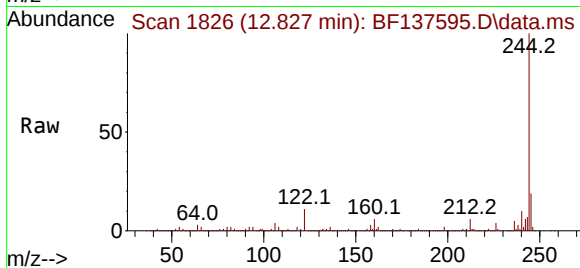
Tgt Ion:244 Resp: 1277649

Ion Ratio Lower Upper

244 100

212 6.3 5.4 8.2

122 10.8 9.1 13.7



#85

Di-n-octyl phthalate

Concen: 5.613 ng

RT: 14.468 min Scan# 2105

Delta R.T. -0.006 min

Lab File: BF137595.D

Acq: 14 Mar 2024 17:32

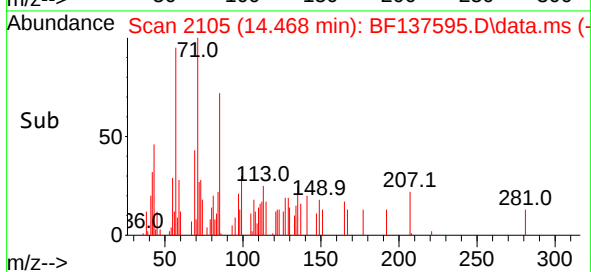
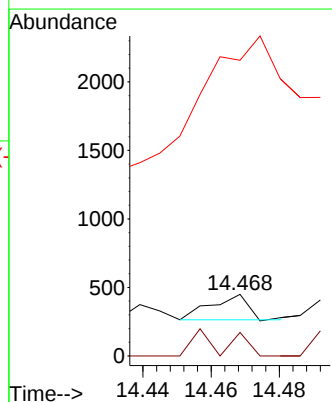
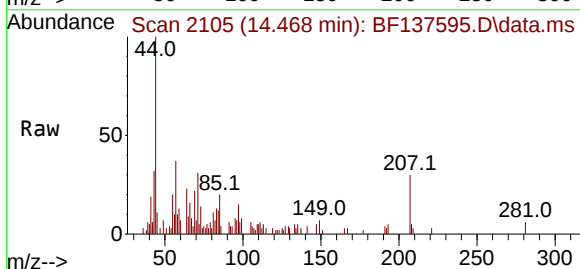
Tgt Ion:149 Resp: 142

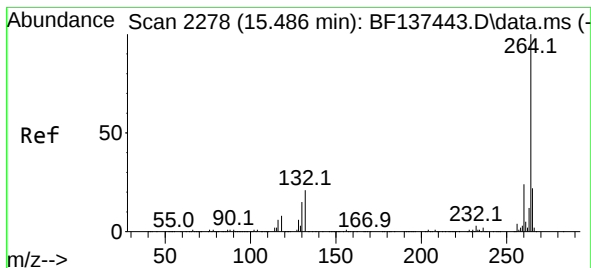
Ion Ratio Lower Upper

149 100

167 92.3 1.2 1.8#

43 1435.9 9.6 14.4#





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.292 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF137595.D

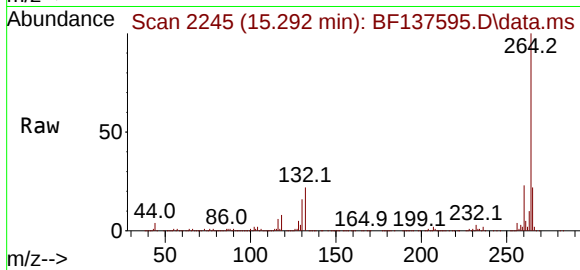
Acq: 14 Mar 2024 17:32

Instrument :

BNA_F

ClientSampleId :

SB-01-4.0-6.0



Tgt Ion:264 Resp: 276385

Ion Ratio Lower Upper

264 100

260 23.4 19.3 28.9

265 21.9 17.4 26.0

