

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031824\
 Data File : BF137631.D
 Acq On : 18 Mar 2024 15:07
 Operator : CG\JU
 Sample : P1326-03
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 1

Quant Time: Mar 18 15:27:08 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)

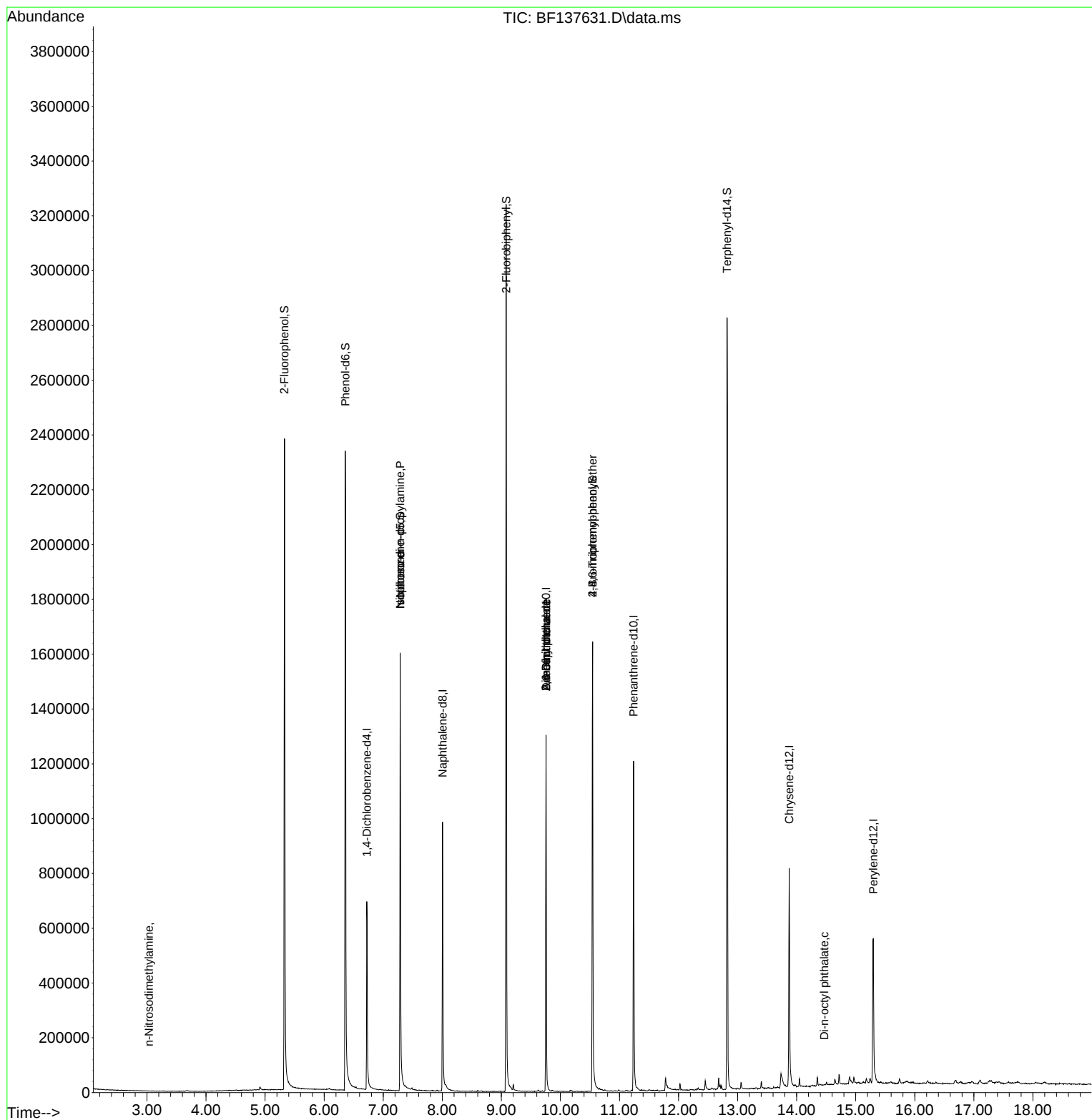
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.722	152	112935	20.000	ng	0.00
21) Naphthalene-d8	8.004	136	447880	20.000	ng	0.00
39) Acenaphthene-d10	9.757	164	251857	20.000	ng	0.00
64) Phenanthrene-d10	11.239	188	436542	20.000	ng	0.00
76) Chrysene-d12	13.874	240	262232	20.000	ng	0.00
86) Perylene-d12	15.298	264	261293	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.328	112	682807	91.569	ng	0.00
7) Phenol-d6	6.357	99	924663	85.907	ng	-0.01
23) Nitrobenzene-d5	7.287	82	530233	55.008	ng	-0.01
42) 2,4,6-Tribromophenol	10.545	330	206878	93.536	ng	0.00
45) 2-Fluorobiphenyl	9.081	172	959559	59.639	ng	0.00
79) Terphenyl-d14	12.822	244	1027231	53.866	ng	0.00
Target Compounds						
						Qvalue
4) n-Nitrosodimethylamine	3.034	42	73	3.825	ng	# 1
19) n-Nitroso-di-n-propyla...	7.287	70	66243	9.966	ng	# 81
25) Isophorone	7.287	82	530233	28.954	ng	# 69
50) Dimethylphthalate	9.757	163	38006	2.168	ng	# 1
51) 2,6-Dinitrotoluene	9.757	165	31962	8.716	ng	# 20
57) 2,4-Dinitrotoluene	9.757	165	32026	7.109	ng	# 21
67) 4-Bromophenyl-phenylether	10.545	248	13933	2.930	ng	# 1
85) Di-n-octyl phthalate	14.469	149	321	5.624	ng	# 67

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

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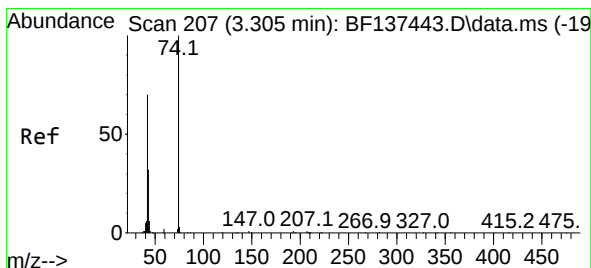
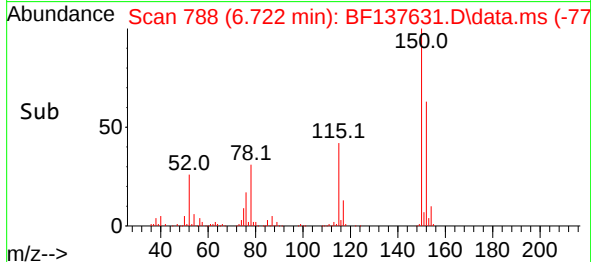
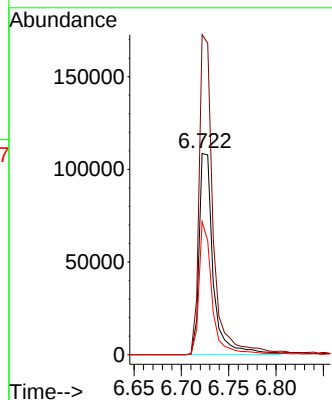
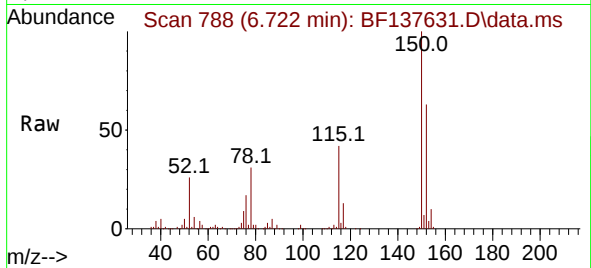




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.722 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF137631.D
Acq: 18 Mar 2024 15:07

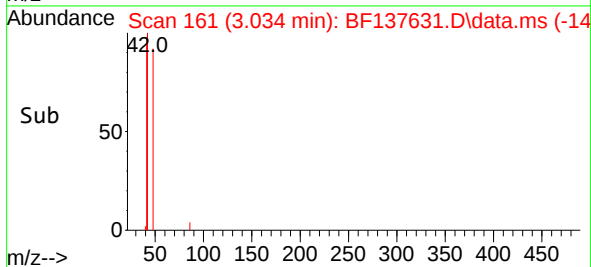
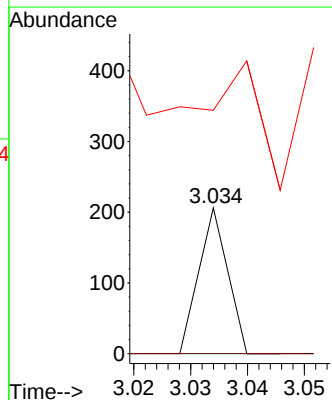
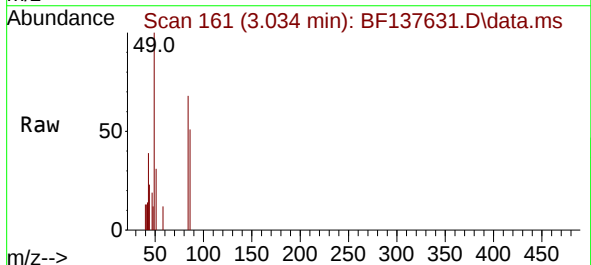
Instrument :
BNA_F
ClientSampleId :
1

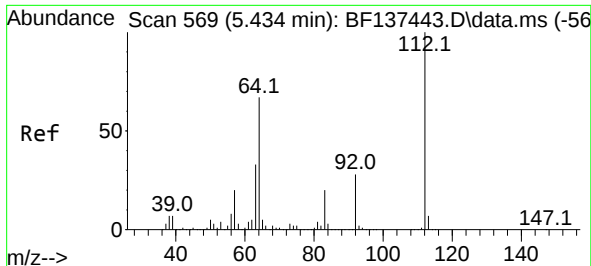
Tgt Ion:152 Resp: 112935
Ion Ratio Lower Upper
152 100
150 158.9 125.8 188.6
115 66.0 48.8 73.2



#4
n-Nitrosodimethylamine
Concen: 3.825 ng
RT: 3.034 min Scan# 161
Delta R.T. -0.006 min
Lab File: BF137631.D
Acq: 18 Mar 2024 15:07

Tgt Ion: 42 Resp: 73
Ion Ratio Lower Upper
42 100
74 0.0 114.0 171.0#
44 167.0 7.0 10.4#

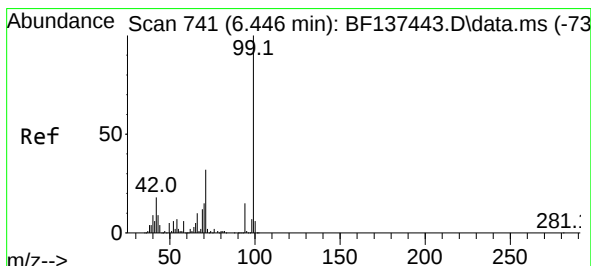
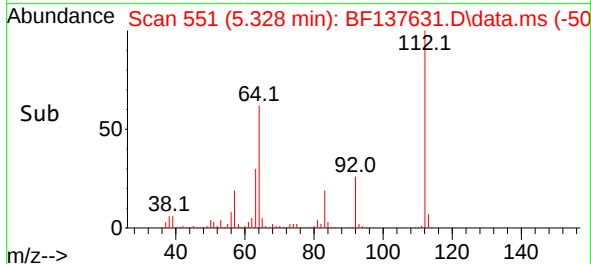
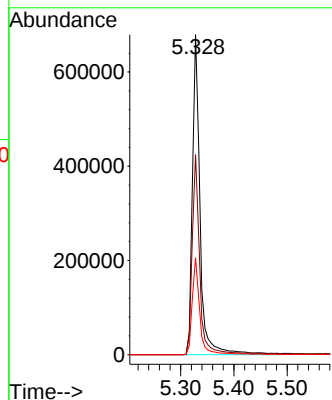
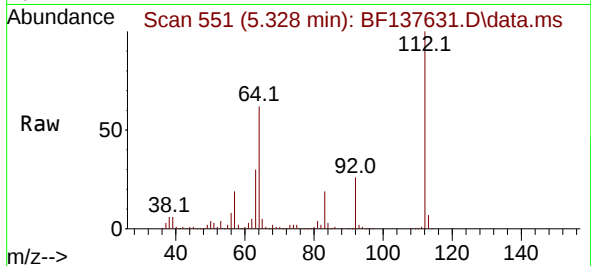




#5
2-Fluorophenol
Concen: 91.569 ng
RT: 5.328 min Scan# 51
Delta R.T. -0.006 min
Lab File: BF137631.D
Acq: 18 Mar 2024 15:07

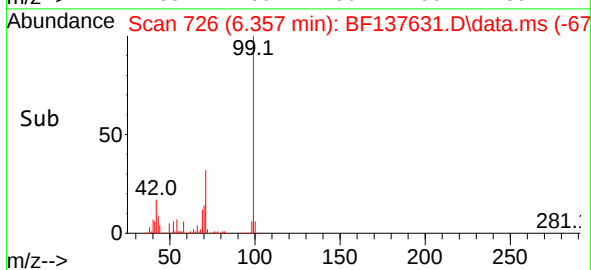
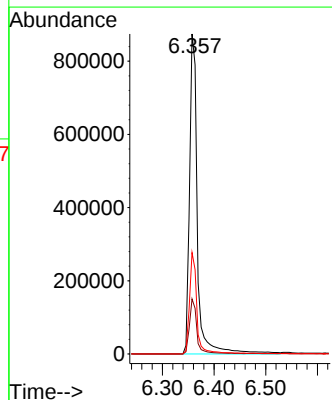
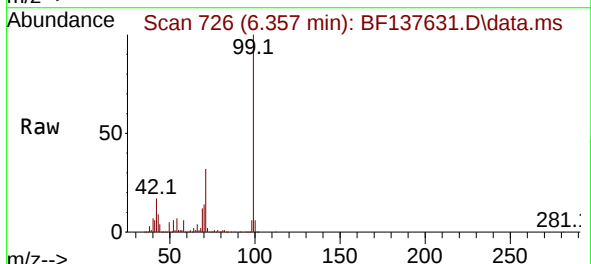
Instrument :
BNA_F
ClientSampleId :
1

Tgt Ion:112 Resp: 682807
Ion Ratio Lower Upper
112 100
64 62.5 53.4 80.2
63 30.2 26.2 39.2



#7
Phenol-d6
Concen: 85.907 ng
RT: 6.357 min Scan# 726
Delta R.T. -0.012 min
Lab File: BF137631.D
Acq: 18 Mar 2024 15:07

Tgt Ion: 99 Resp: 924663
Ion Ratio Lower Upper
99 100
42 17.2 14.6 21.8
71 31.7 25.3 37.9

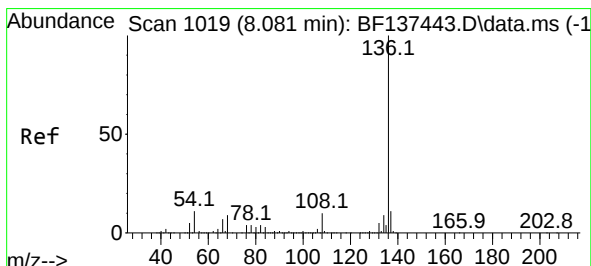
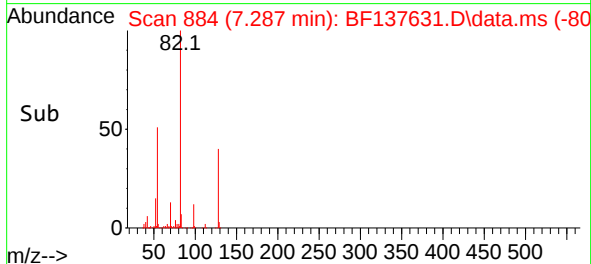
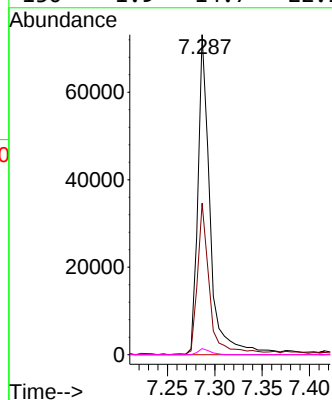
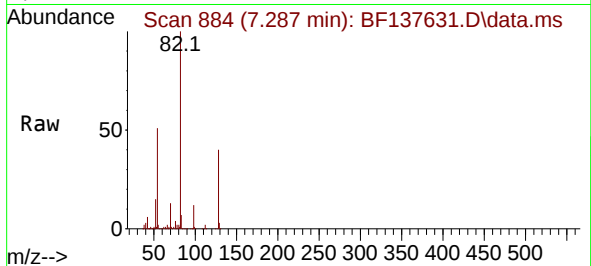




#19
n-Nitroso-di-n-propylamine
Concen: 9.966 ng
RT: 7.287 min Scan# 81
Delta R.T. 0.141 min
Lab File: BF137631.D
Acq: 18 Mar 2024 15:07

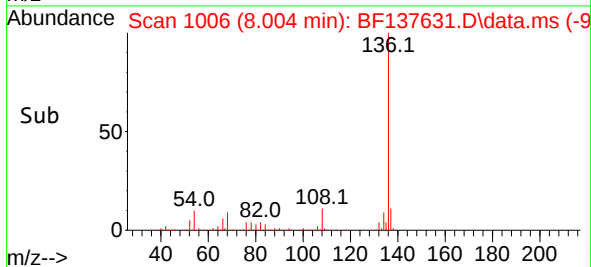
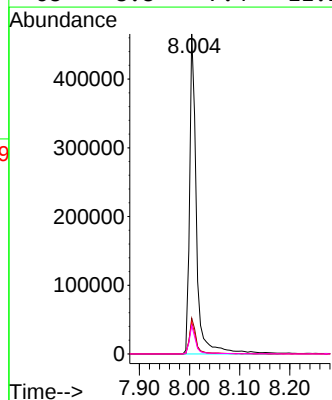
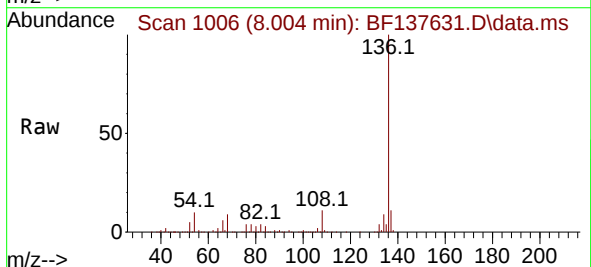
Instrument :
BNA_F
ClientSampleId :
1

Tgt Ion: 70	Resp: 66243
Ion Ratio	Lower Upper
70	100
42	47.4 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: BF137631.D
Acq: 18 Mar 2024 15:07

Tgt Ion: 136	Resp: 447880
Ion Ratio	Lower Upper
136	100
137	11.1 9.1 13.7
54	9.9 8.5 12.7
68	8.8 7.4 11.2





#23

Nitrobenzene-d5

Concen: 55.008 ng

RT: 7.287 min Scan# 884

Delta R.T. -0.012 min

Lab File: BF137631.D

Acq: 18 Mar 2024 15:07

Instrument :

BNA_F

ClientSampleId :

1

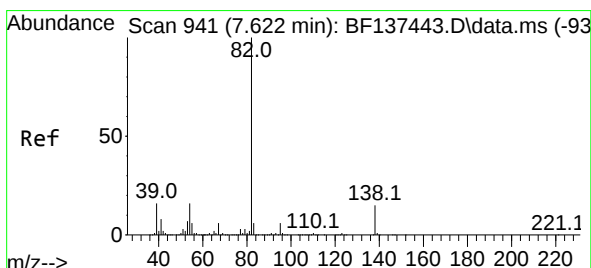
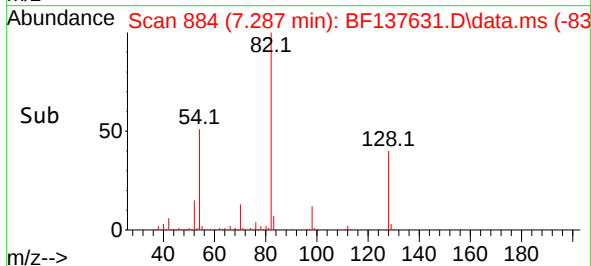
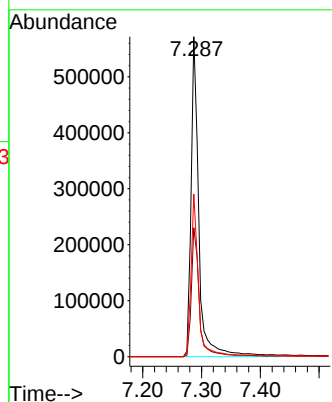
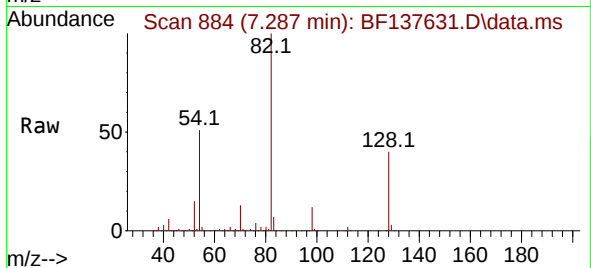
Tgt Ion: 82 Resp: 530233

Ion Ratio Lower Upper

82 100

128 40.3 32.5 48.7

54 50.9 41.5 62.3



#25

Isophorone

Concen: 28.954 ng

RT: 7.287 min Scan# 884

Delta R.T. -0.265 min

Lab File: BF137631.D

Acq: 18 Mar 2024 15:07

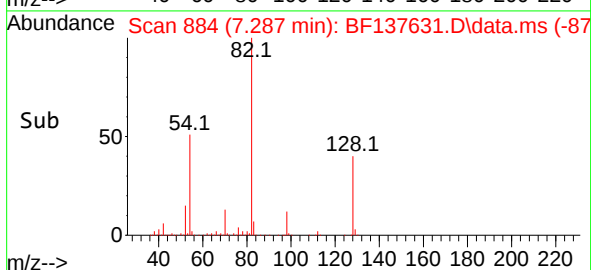
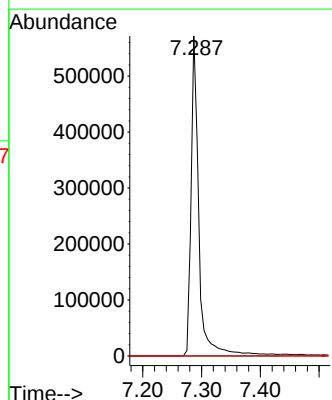
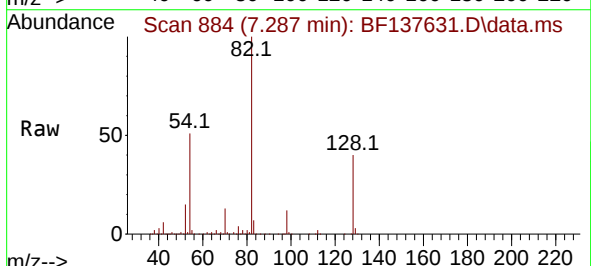
Tgt Ion: 82 Resp: 530233

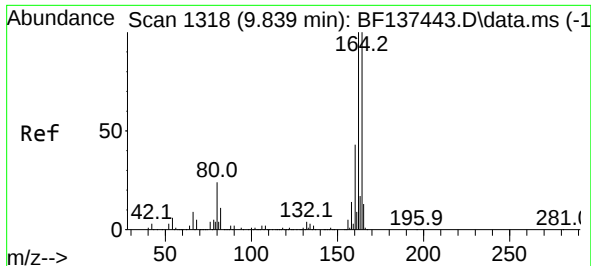
Ion Ratio Lower Upper

82 100

95 0.0 5.1 7.7#

138 0.0 11.8 17.8#

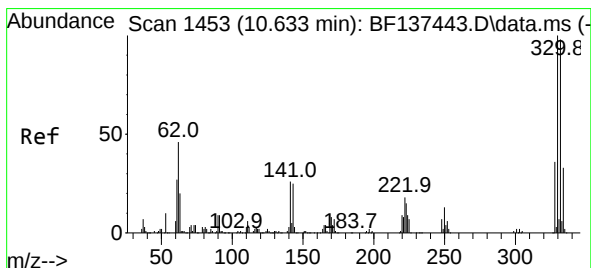
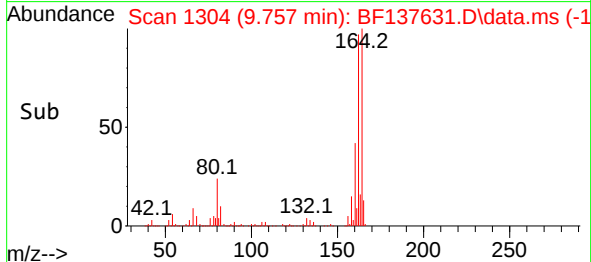
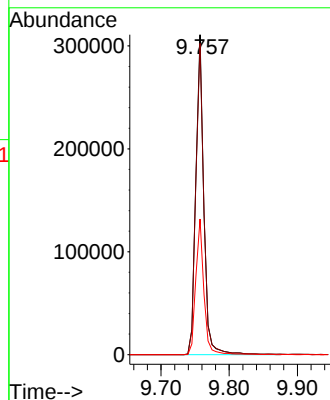
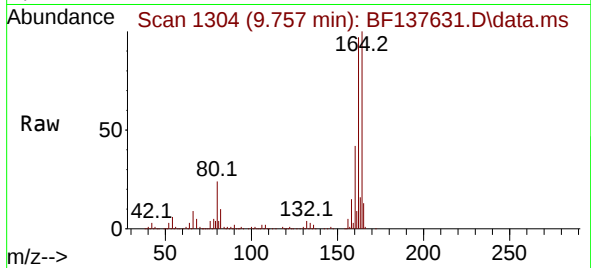




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.757 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF137631.D
Acq: 18 Mar 2024 15:07

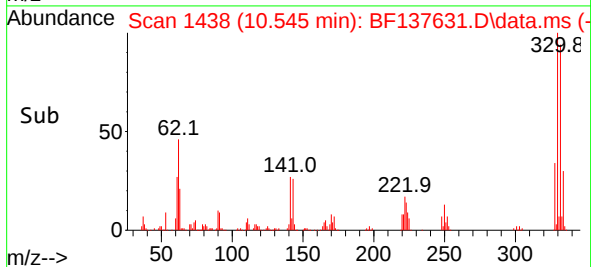
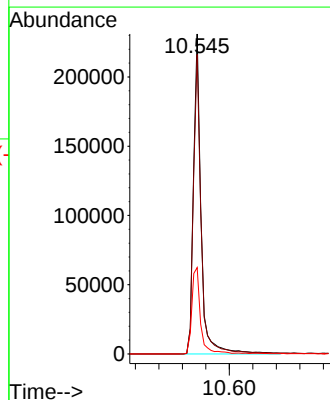
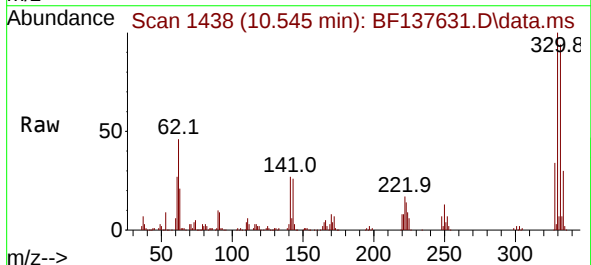
Instrument :
BNA_F
ClientSampleId :
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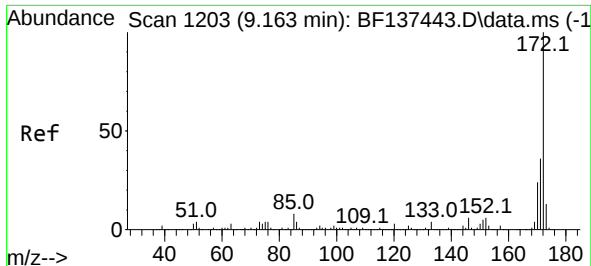
Tgt Ion:164 Resp: 251857
Ion Ratio Lower Upper
164 100
162 97.3 79.8 119.8
160 42.4 34.4 51.6



#42
2,4,6-Tribromophenol
Concen: 93.536 ng
RT: 10.545 min Scan# 1438
Delta R.T. -0.006 min
Lab File: BF137631.D
Acq: 18 Mar 2024 15:07

Tgt Ion:330 Resp: 206878
Ion Ratio Lower Upper
330 100
332 95.9 78.0 117.0
141 30.7 27.3 40.9





#45

2-Fluorobiphenyl

Concen: 59.639 ng

RT: 9.081 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF137631.D

Acq: 18 Mar 2024 15:07

Instrument :

BNA_F

ClientSampleId :

1

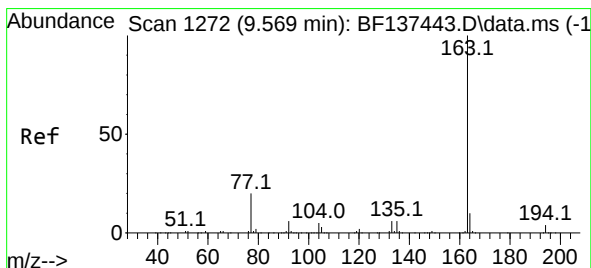
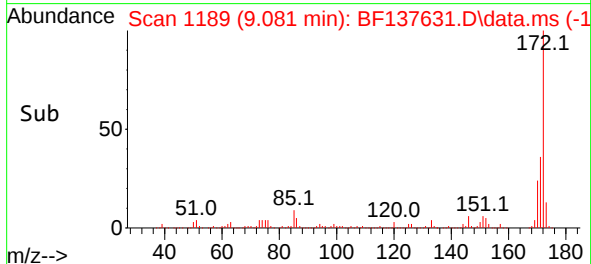
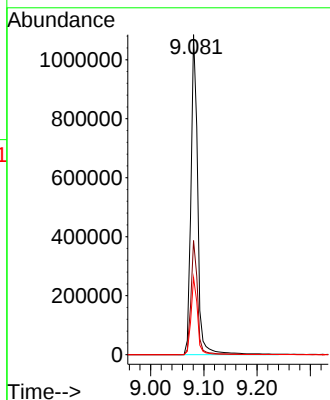
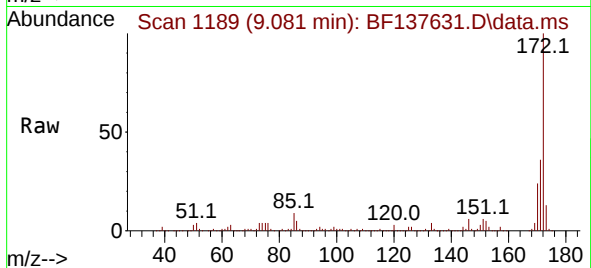
Tgt Ion:172 Resp: 959559

Ion Ratio Lower Upper

172 100

171 35.6 28.5 42.7

170 24.0 19.0 28.6



#50

Dimethylphthalate

Concen: 2.168 ng

RT: 9.757 min Scan# 1304

Delta R.T. 0.265 min

Lab File: BF137631.D

Acq: 18 Mar 2024 15:07

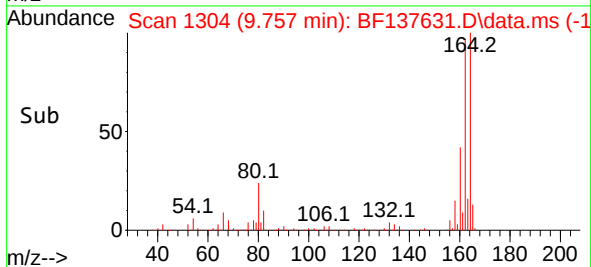
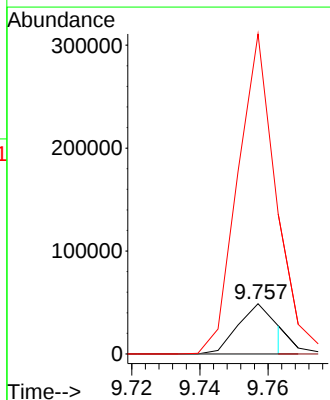
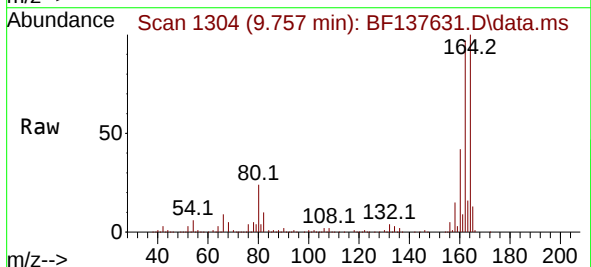
Tgt Ion:163 Resp: 38006

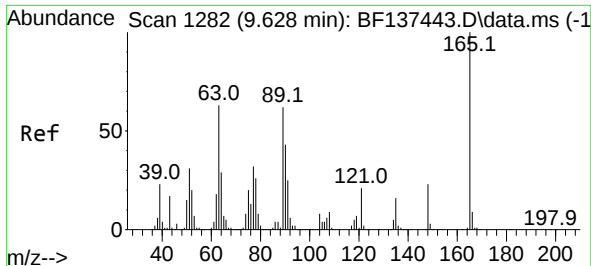
Ion Ratio Lower Upper

163 100

194 0.0 3.3 4.9#

164 637.4 8.1 12.1#

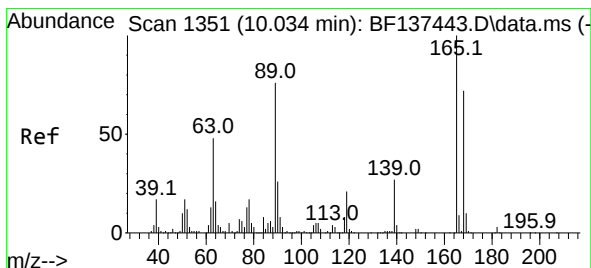
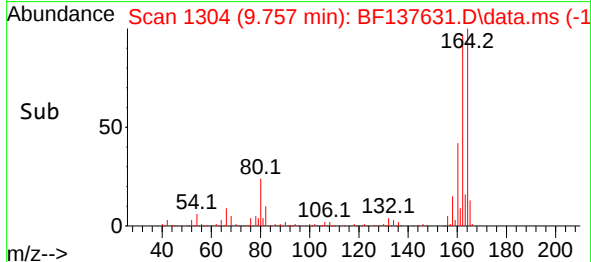
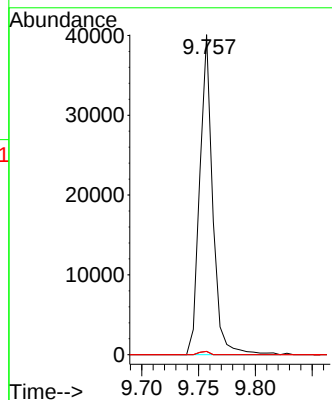
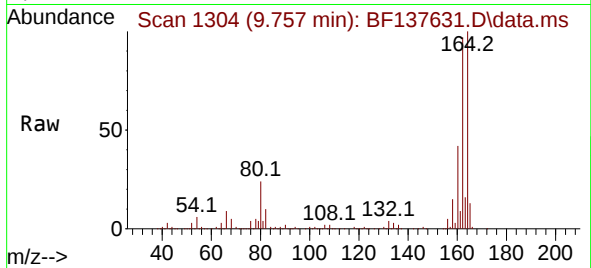




#51
2,6-Dinitrotoluene
Concen: 8.716 ng
RT: 9.757 min Scan# 1304
Delta R.T. 0.206 min
Lab File: BF137631.D
Acq: 18 Mar 2024 15:07

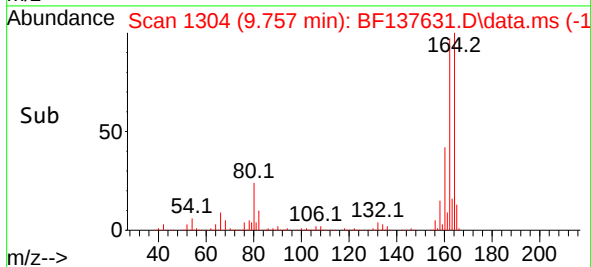
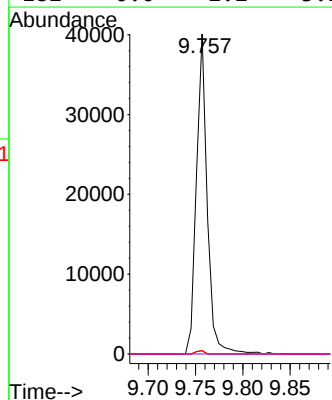
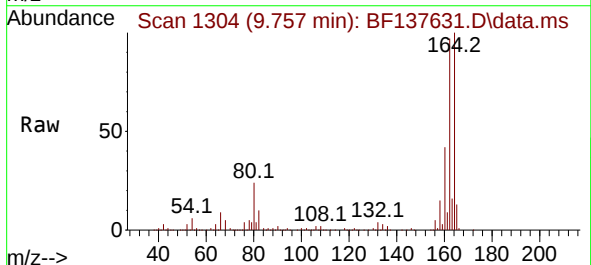
Instrument :
BNA_F
ClientSampleId :
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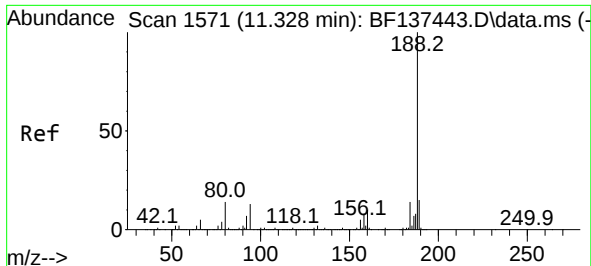
Tgt Ion:165 Resp: 31962
Ion Ratio Lower Upper
165 100
63 1.0 50.7 76.1#
89 1.0 50.0 75.0#



#57
2,4-Dinitrotoluene
Concen: 7.109 ng
RT: 9.757 min Scan# 1304
Delta R.T. -0.200 min
Lab File: BF137631.D
Acq: 18 Mar 2024 15:07

Tgt Ion:165 Resp: 32026
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#

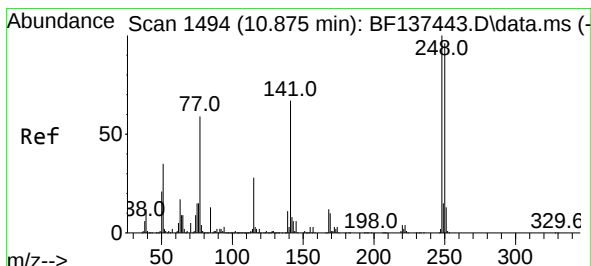
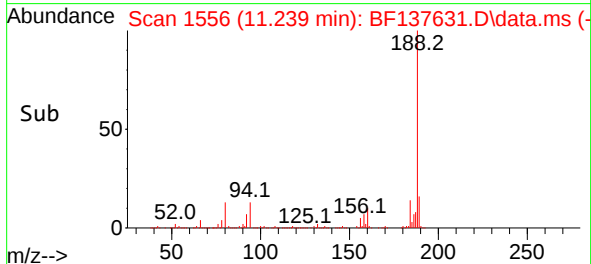
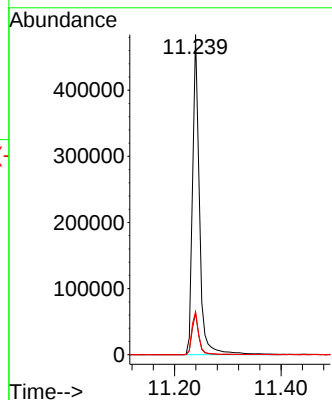
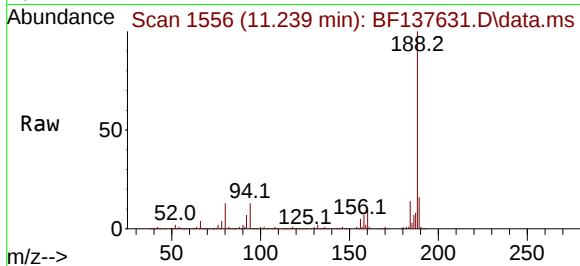




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.239 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF137631.D
Acq: 18 Mar 2024 15:07

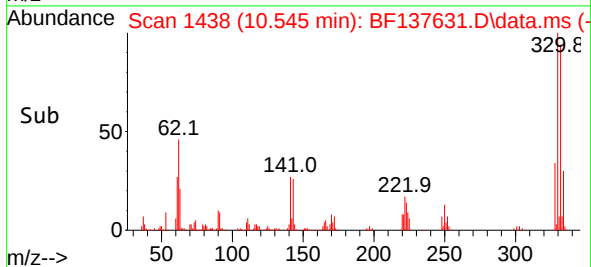
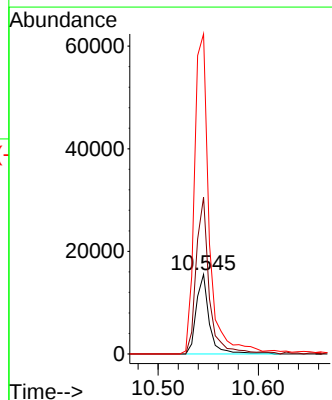
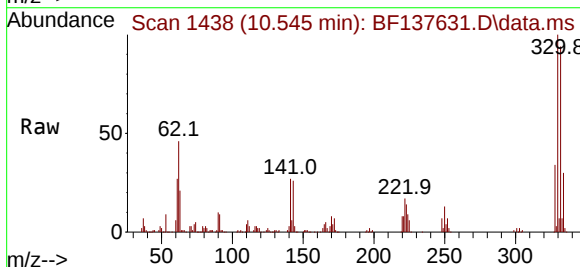
Instrument :
BNA_F
ClientSampleId :
1

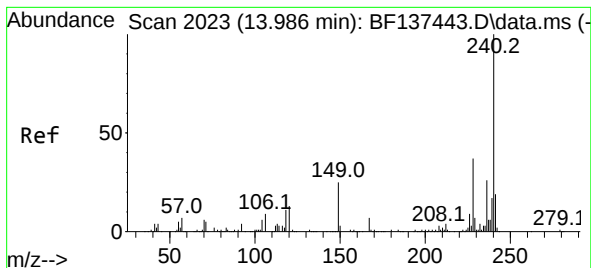
Tgt Ion:188 Resp: 436542
Ion Ratio Lower Upper
188 100
94 13.0 10.6 15.8
80 13.5 11.5 17.3



#67
4-Bromophenyl-phenylether
Concen: 2.930 ng
RT: 10.545 min Scan# 1438
Delta R.T. -0.247 min
Lab File: BF137631.D
Acq: 18 Mar 2024 15:07

Tgt Ion:248 Resp: 13933
Ion Ratio Lower Upper
248 100
250 197.0 76.8 115.2#
141 402.5 53.4 80.0#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.874 min Scan# 20

Delta R.T. 0.000 min

Lab File: BF137631.D

Acq: 18 Mar 2024 15:07

Instrument :

BNA_F

ClientSampleId :

1

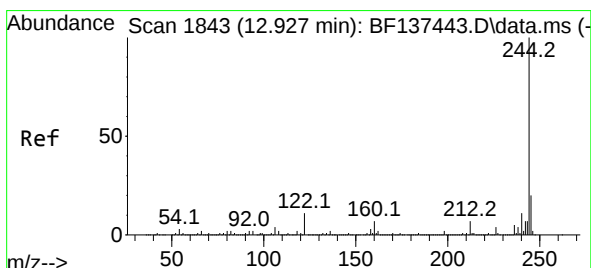
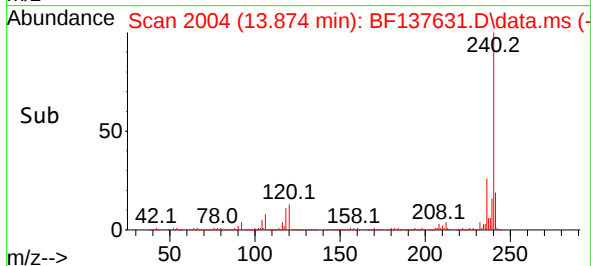
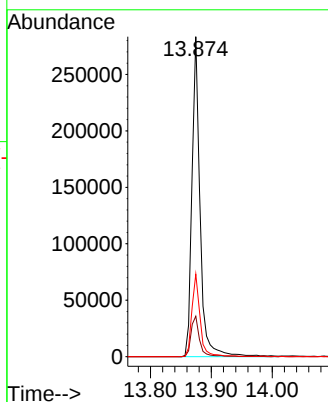
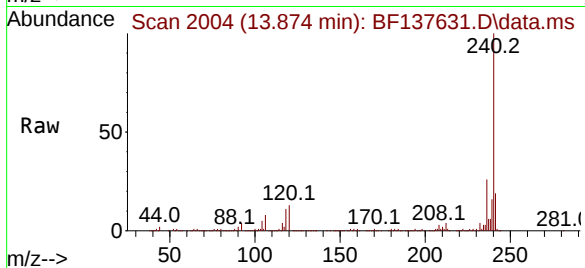
Tgt Ion:240 Resp: 262232

Ion Ratio Lower Upper

240 100

120 12.6 10.4 15.6

236 25.8 20.9 31.3



#79

Terphenyl-d14

Concen: 53.866 ng

RT: 12.822 min Scan# 1825

Delta R.T. -0.006 min

Lab File: BF137631.D

Acq: 18 Mar 2024 15:07

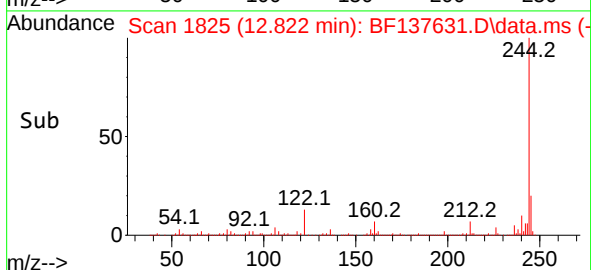
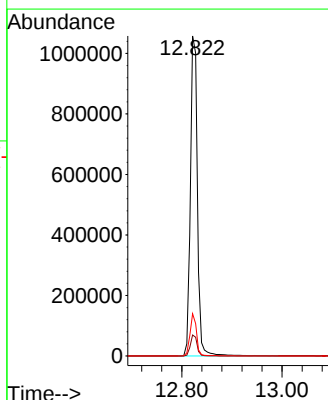
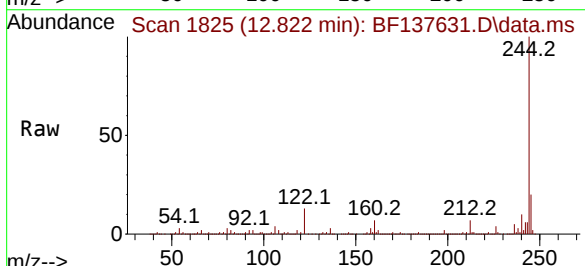
Tgt Ion:244 Resp: 1027231

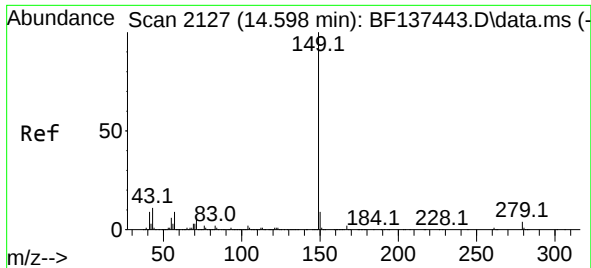
Ion Ratio Lower Upper

244 100

212 6.6 5.4 8.2

122 13.2 9.1 13.7

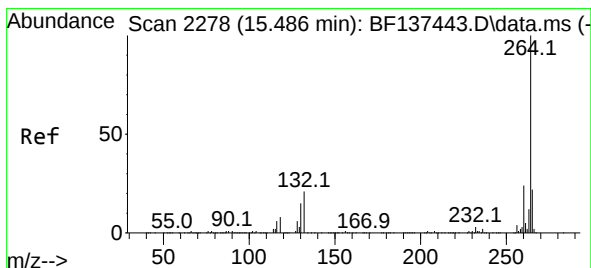
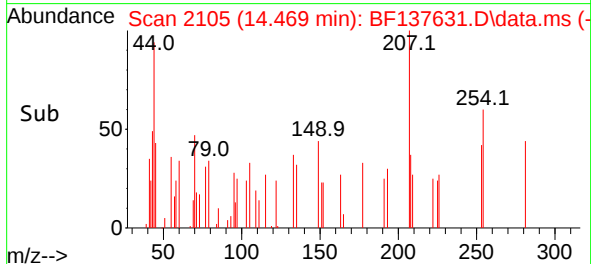
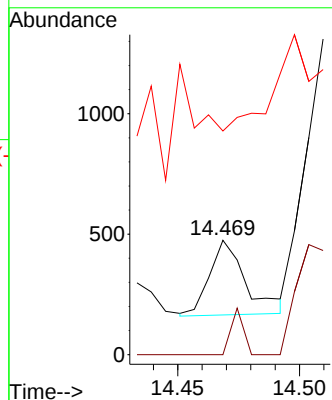
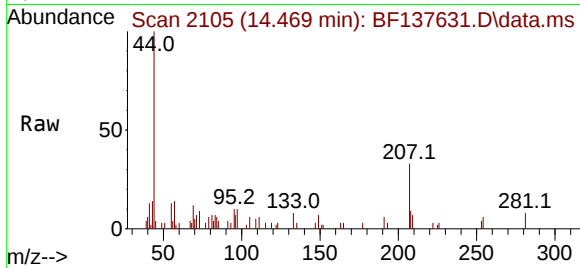




#85
Di-n-octyl phthalate
Concen: 5.624 ng
RT: 14.469 min Scan# 2127
Delta R.T. -0.006 min
Lab File: BF137631.D
Acq: 18 Mar 2024 15:07

Instrument :
BNA_F
ClientSampleId :
1

Tgt Ion:149 Resp: 321
Ion Ratio Lower Upper
149 100
167 21.2 1.2 1.8#
43 0.0 9.6 14.4#



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.298 min Scan# 2246
Delta R.T. 0.000 min
Lab File: BF137631.D
Acq: 18 Mar 2024 15:07

Tgt Ion:264 Resp: 261293
Ion Ratio Lower Upper
264 100
260 24.2 19.3 28.9
265 21.0 17.4 26.0

