

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031824\
 Data File : BF137632.D
 Acq On : 18 Mar 2024 15:36
 Operator : CG\JU
 Sample : P1774-01
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP3

Quant Time: Mar 18 16:10:23 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)

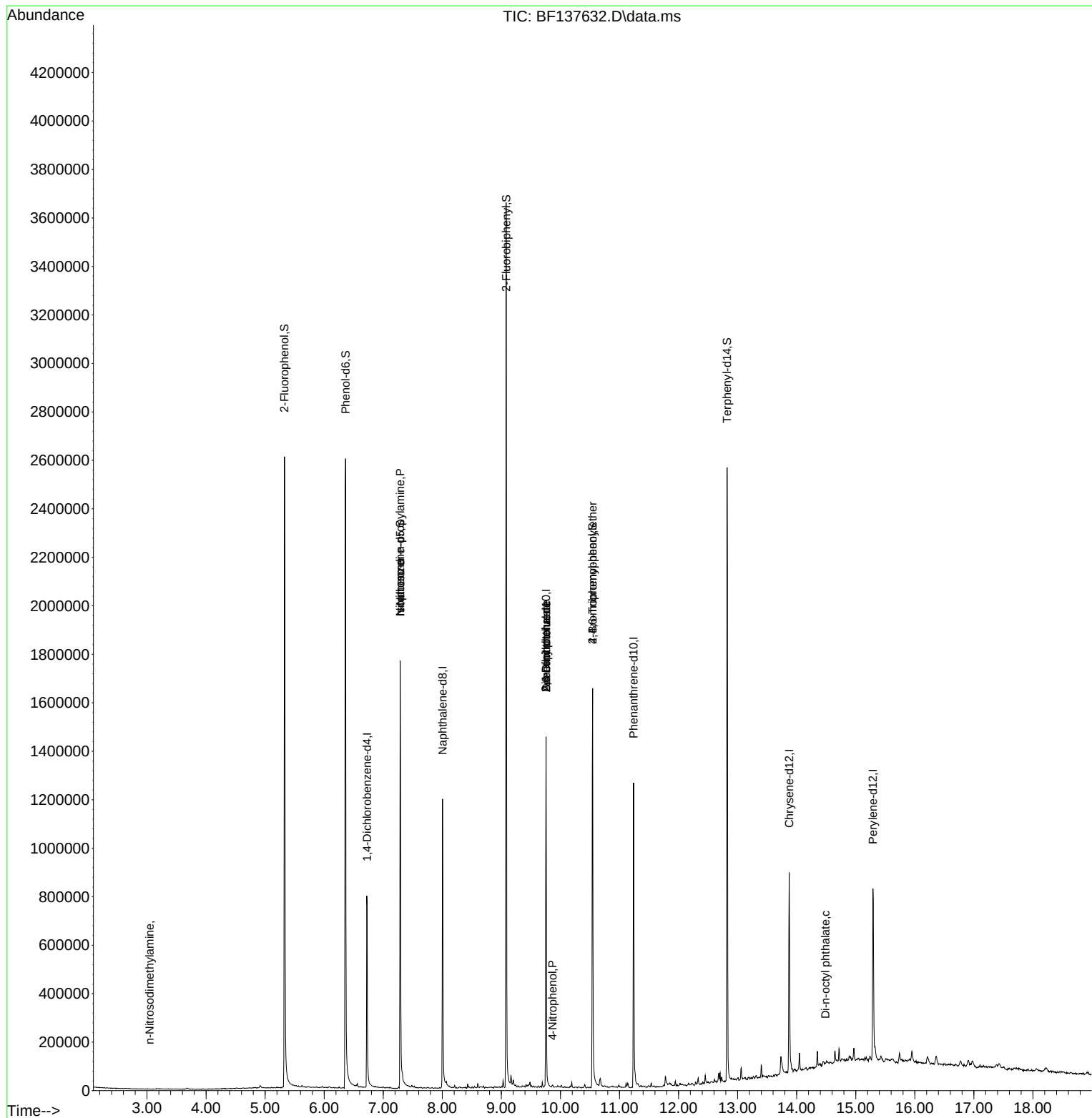
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.728	152	133799	20.000	ng	0.00
21) Naphthalene-d8	8.004	136	524850	20.000	ng	0.00
39) Acenaphthene-d10	9.757	164	280831	20.000	ng	0.00
64) Phenanthrene-d10	11.239	188	441190	20.000	ng	0.00
76) Chrysene-d12	13.874	240	289660	20.000	ng	0.00
86) Perylene-d12	15.292	264	333108	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.328	112	762418	86.302	ng	0.00
7) Phenol-d6	6.363	99	1031985	80.927	ng	0.00
23) Nitrobenzene-d5	7.287	82	603699	53.444	ng	-0.01
42) 2,4,6-Tribromophenol	10.545	330	202198	81.988	ng	0.00
45) 2-Fluorobiphenyl	9.081	172	1079356	60.164	ng	0.00
79) Terphenyl-d14	12.821	244	895981	42.535	ng	0.00
Target Compounds						
						Qvalue
4) n-Nitrosodimethylamine	3.046	42	87	3.825	ng	# 1
19) n-Nitroso-di-n-propyla...	7.287	70	77257	9.811	ng	# 79
25) Isophorone	7.287	82	601550	28.031	ng	# 69
50) Dimethylphthalate	9.757	163	43592	2.230	ng	# 1
51) 2,6-Dinitrotoluene	9.757	165	36090	8.826	ng	# 21
56) 4-Nitrophenol	9.869	139	65	4.546	ng	# 83
57) 2,4-Dinitrotoluene	9.757	165	36151	7.196	ng	# 21
67) 4-Bromophenyl-phenylether	10.545	248	13427	2.794	ng	# 1
85) Di-n-octyl phthalate	14.486	149	447	5.629	ng	# 61

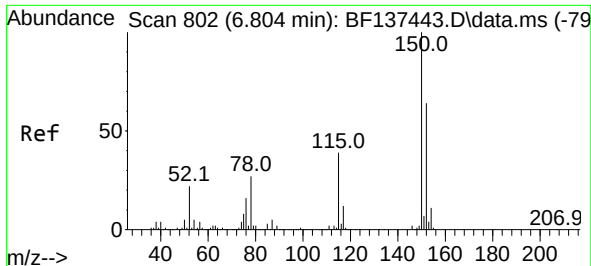
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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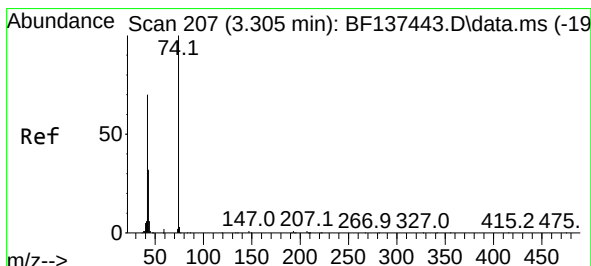
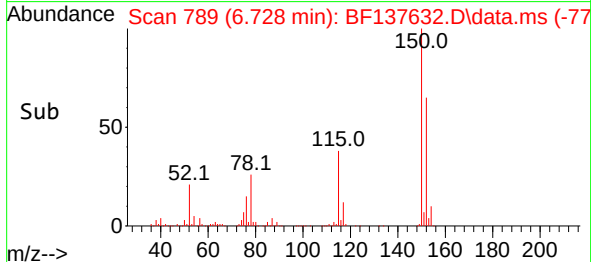
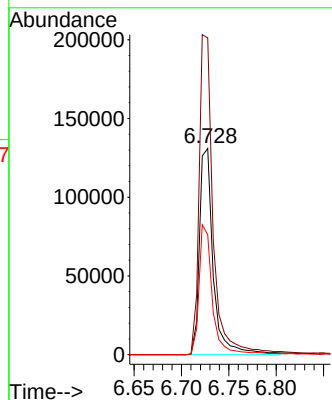
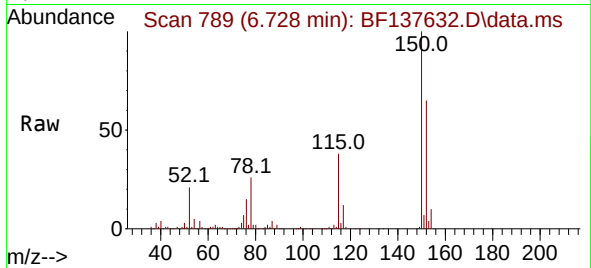




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.728 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF137632.D
Acq: 18 Mar 2024 15:36

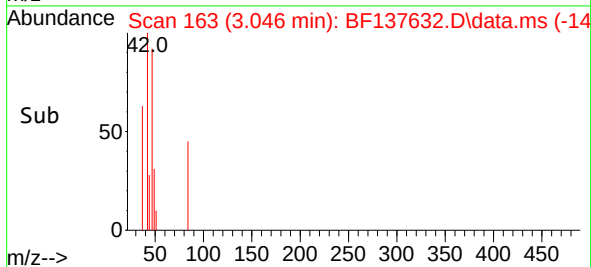
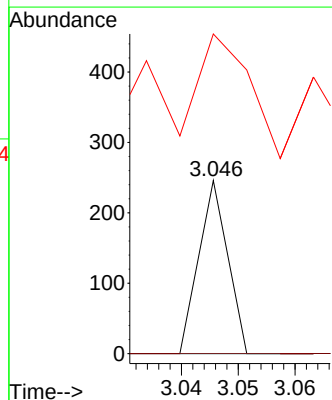
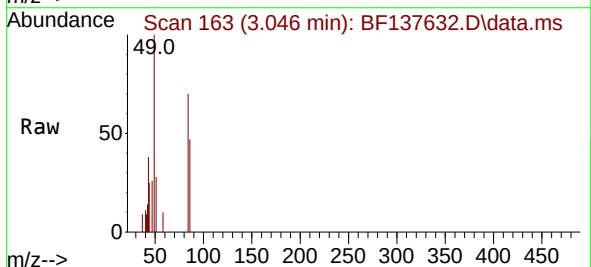
Instrument :
BNA_F
ClientSampleId :
TP3

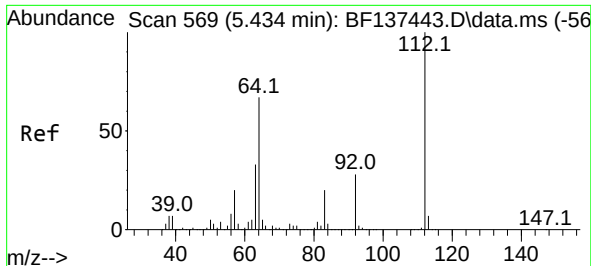
Tgt Ion:152 Resp: 133799
Ion Ratio Lower Upper
152 100
150 153.6 125.8 188.6
115 58.1 48.8 73.2



#4
n-Nitrosodimethylamine
Concen: 3.825 ng
RT: 3.046 min Scan# 163
Delta R.T. 0.006 min
Lab File: BF137632.D
Acq: 18 Mar 2024 15:36

Tgt Ion: 42 Resp: 87
Ion Ratio Lower Upper
42 100
74 0.0 114.0 171.0#
44 184.6 7.0 10.4#

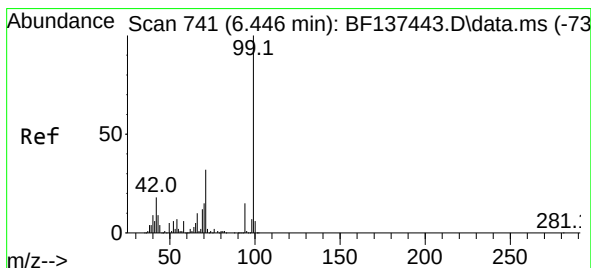
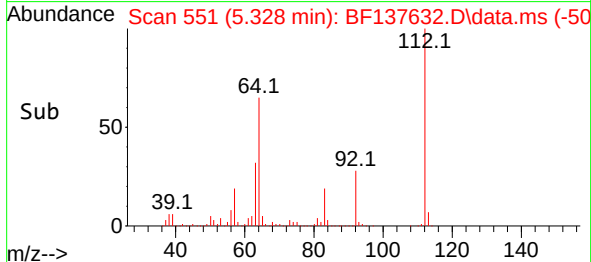
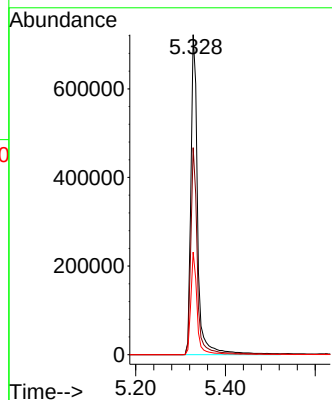
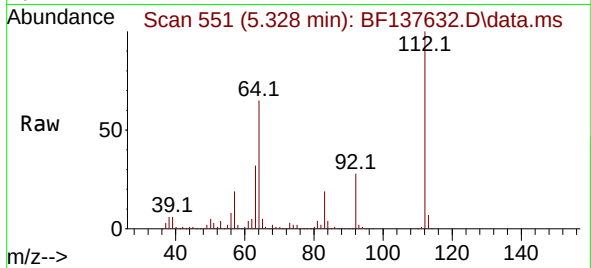




#5
2-Fluorophenol
Concen: 86.302 ng
RT: 5.328 min Scan# 51
Delta R.T. -0.006 min
Lab File: BF137632.D
Acq: 18 Mar 2024 15:36

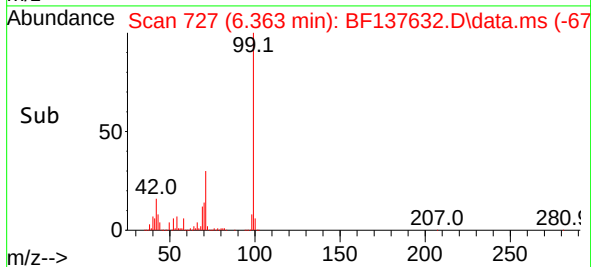
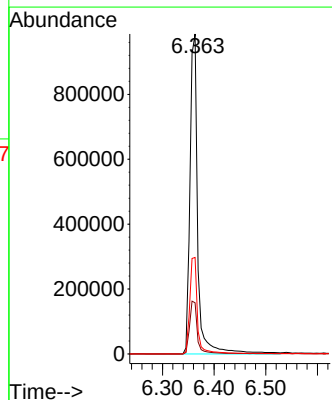
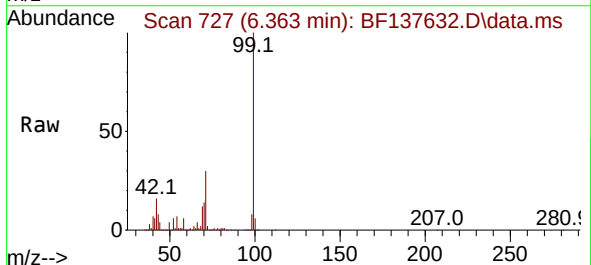
Instrument :
BNA_F
ClientSampleId :
TP3

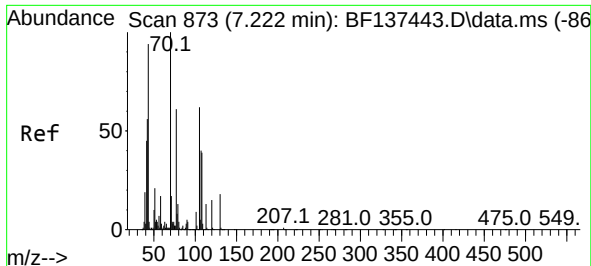
Tgt Ion:112 Resp: 762418
Ion Ratio Lower Upper
112 100
64 64.7 53.4 80.2
63 32.1 26.2 39.2



#7
Phenol-d6
Concen: 80.927 ng
RT: 6.363 min Scan# 727
Delta R.T. -0.006 min
Lab File: BF137632.D
Acq: 18 Mar 2024 15:36

Tgt Ion: 99 Resp: 1031985
Ion Ratio Lower Upper
99 100
42 16.0 14.6 21.8
71 30.2 25.3 37.9

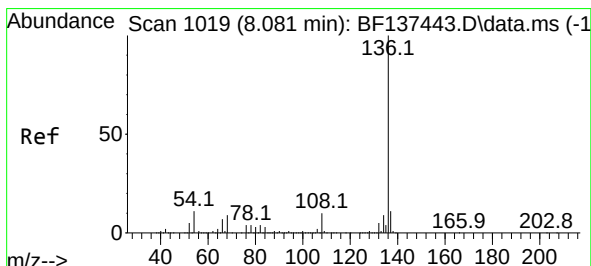
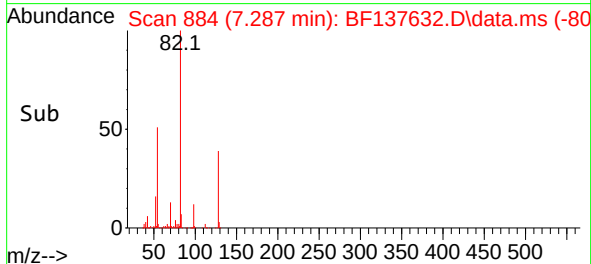
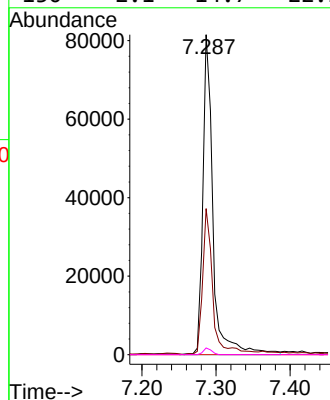
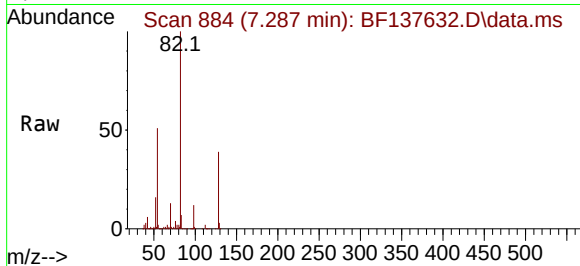




#19
n-Nitroso-di-n-propylamine
Concen: 9.811 ng
RT: 7.287 min Scan# 81
Delta R.T. 0.141 min
Lab File: BF137632.D
Acq: 18 Mar 2024 15:36

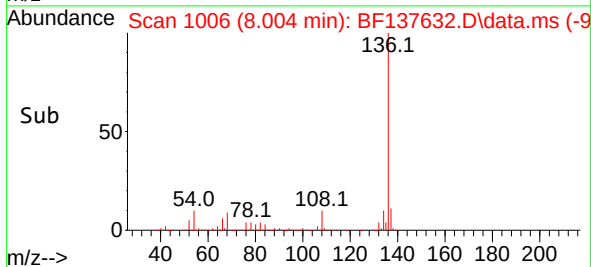
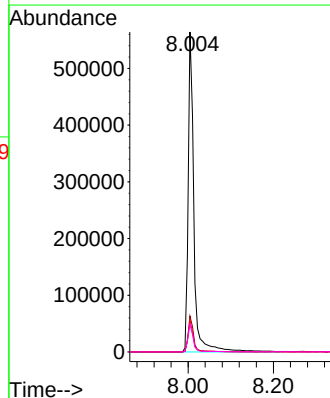
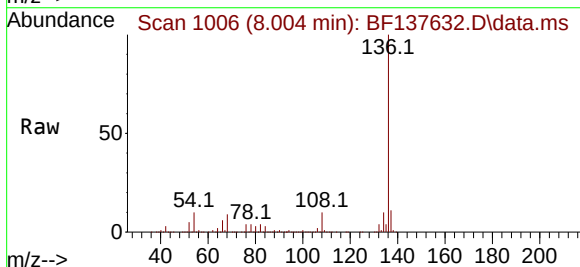
Instrument :
BNA_F
ClientSampleId :
TP3

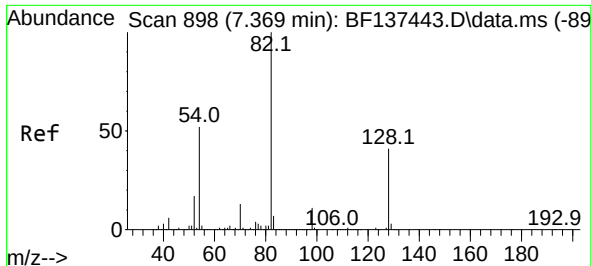
Tgt Ion:	70	Resp:	77257
Ion	Ratio	Lower	Upper
70	100		
42	45.7	45.2	67.8
101	0.0	7.3	10.9#
130	2.1	14.7	22.1#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.004 min Scan# 1006
Delta R.T. -0.006 min
Lab File: BF137632.D
Acq: 18 Mar 2024 15:36

Tgt Ion:	136	Resp:	524850
Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.1	13.7
54	9.9	8.5	12.7
68	8.7	7.4	11.2





#23

Nitrobenzene-d5

Concen: 53.444 ng

RT: 7.287 min Scan# 884

Delta R.T. -0.012 min

Lab File: BF137632.D

Acq: 18 Mar 2024 15:36

Instrument :

BNA_F

ClientSampleId :

TP3

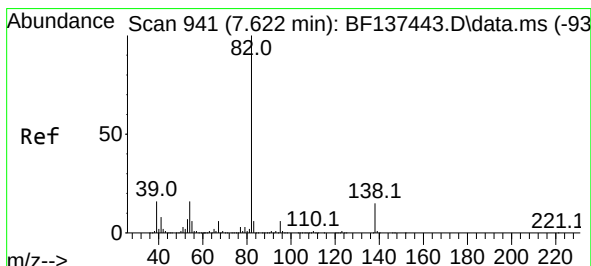
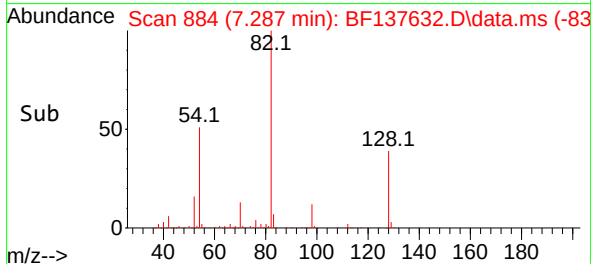
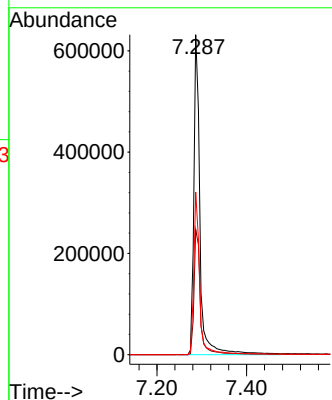
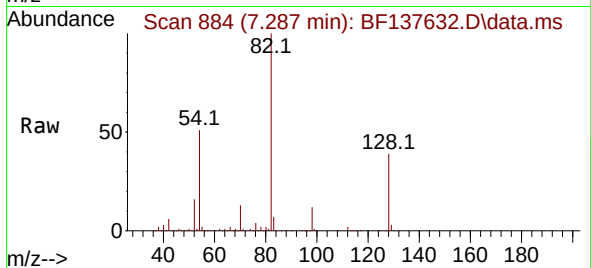
Tgt Ion: 82 Resp: 603699

Ion Ratio Lower Upper

82 100

128 39.1 32.5 48.7

54 50.8 41.5 62.3



#25

Isophorone

Concen: 28.031 ng

RT: 7.287 min Scan# 884

Delta R.T. -0.265 min

Lab File: BF137632.D

Acq: 18 Mar 2024 15:36

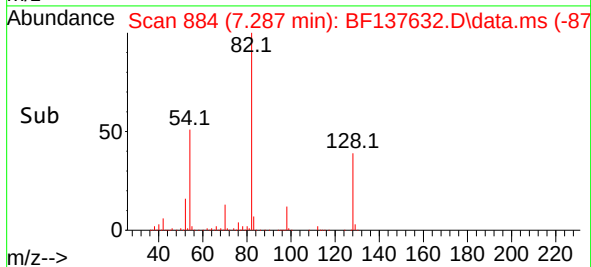
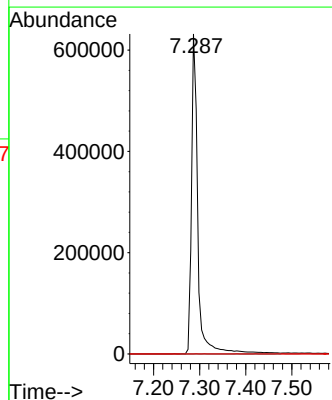
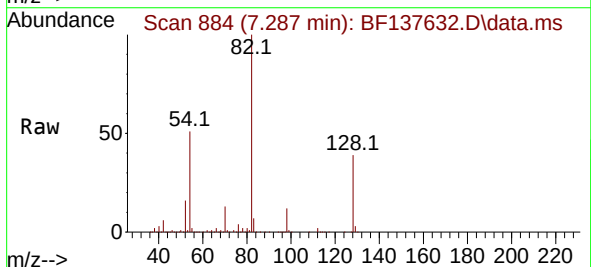
Tgt Ion: 82 Resp: 601550

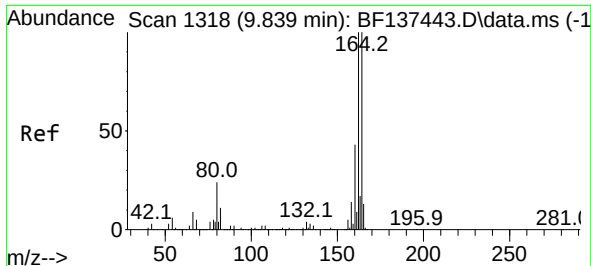
Ion Ratio Lower Upper

82 100

95 0.0 5.1 7.7#

138 0.0 11.8 17.8#

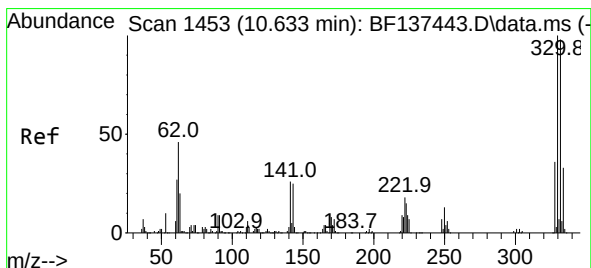
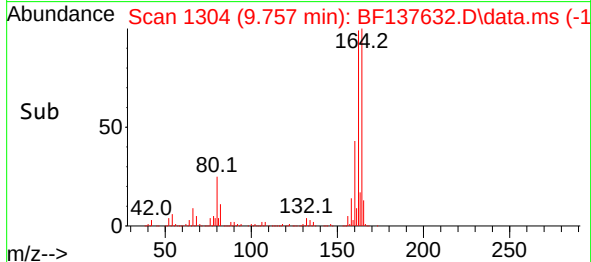
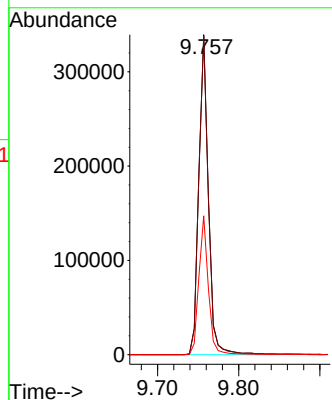
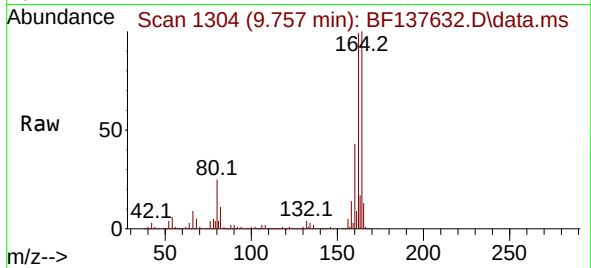




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.757 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF137632.D
Acq: 18 Mar 2024 15:36

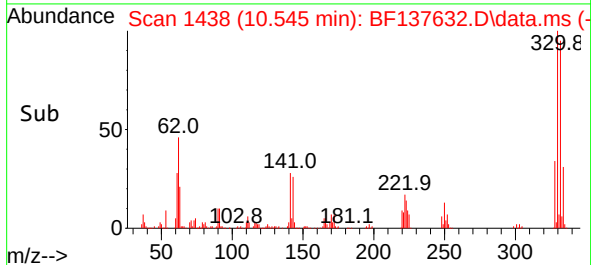
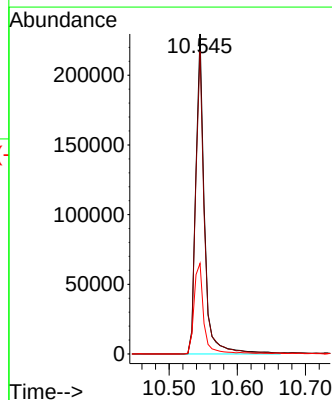
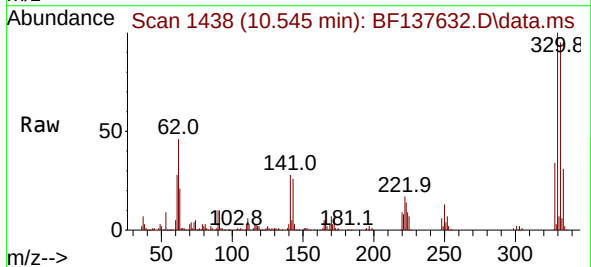
Instrument :
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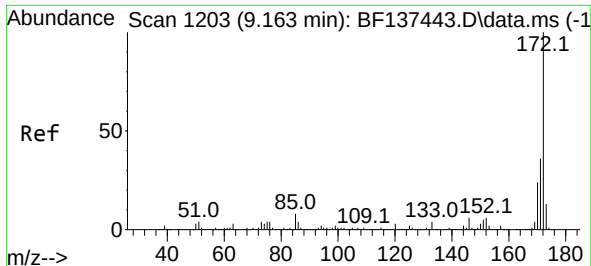
Tgt Ion:164 Resp: 280831
Ion Ratio Lower Upper
164 100
162 99.5 79.8 119.8
160 43.4 34.4 51.6



#42
2,4,6-Tribromophenol
Concen: 81.988 ng
RT: 10.545 min Scan# 1438
Delta R.T. -0.006 min
Lab File: BF137632.D
Acq: 18 Mar 2024 15:36

Tgt Ion:330 Resp: 202198
Ion Ratio Lower Upper
330 100
332 95.6 78.0 117.0
141 32.2 27.3 40.9





#45

2-Fluorobiphenyl

Concen: 60.164 ng

RT: 9.081 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF137632.D

Acq: 18 Mar 2024 15:36

Instrument :

BNA_F

ClientSampleId :

TP3

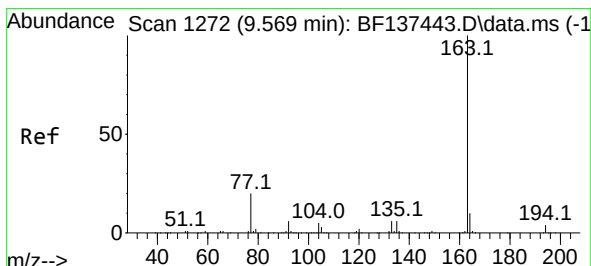
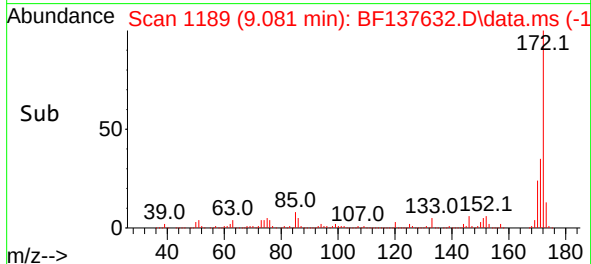
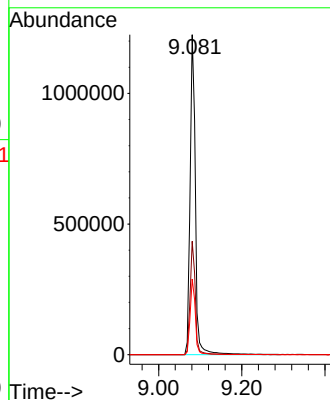
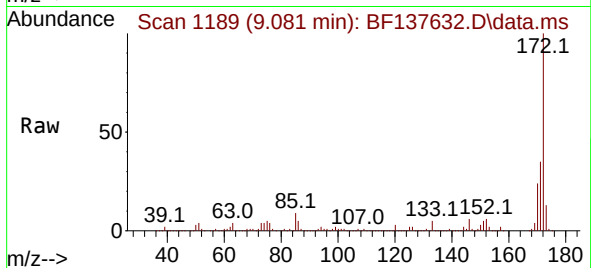
Tgt Ion:172 Resp: 1079356

Ion Ratio Lower Upper

172 100

171 35.4 28.5 42.7

170 23.7 19.0 28.6



#50

Dimethylphthalate

Concen: 2.230 ng

RT: 9.757 min Scan# 1304

Delta R.T. 0.265 min

Lab File: BF137632.D

Acq: 18 Mar 2024 15:36

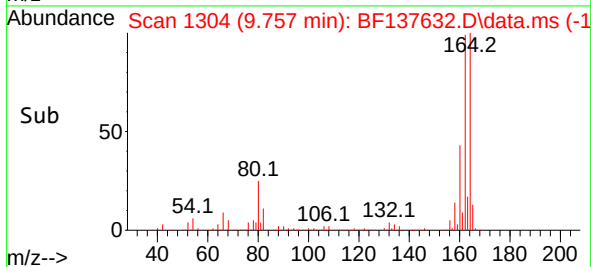
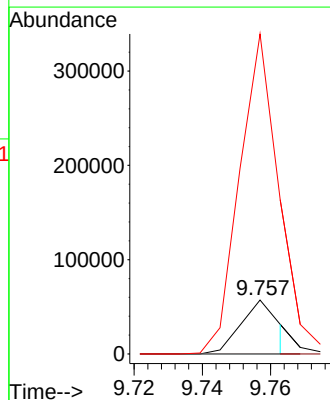
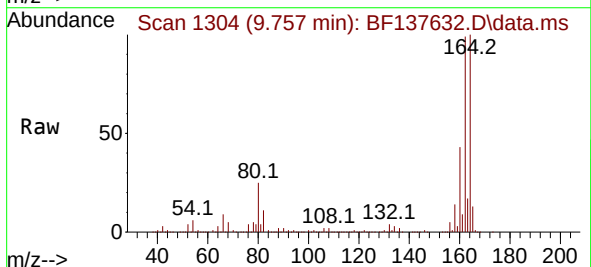
Tgt Ion:163 Resp: 43592

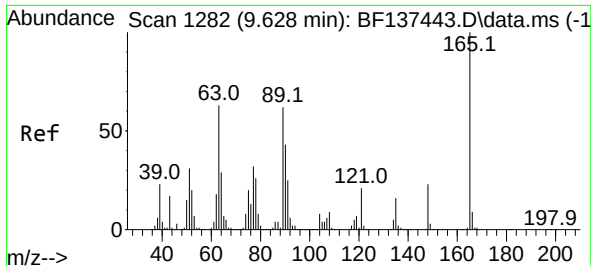
Ion Ratio Lower Upper

163 100

194 0.0 3.3 4.9#

164 592.6 8.1 12.1#





#51

2,6-Dinitrotoluene

Concen: 8.826 ng

RT: 9.757 min Scan# 11

Delta R.T. 0.206 min

Lab File: BF137632.D

Acq: 18 Mar 2024 15:36

Instrument :

BNA_F

ClientSampleId :

TP3

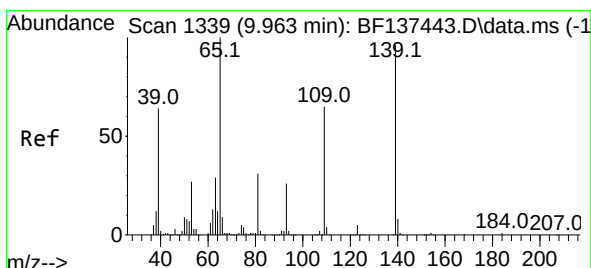
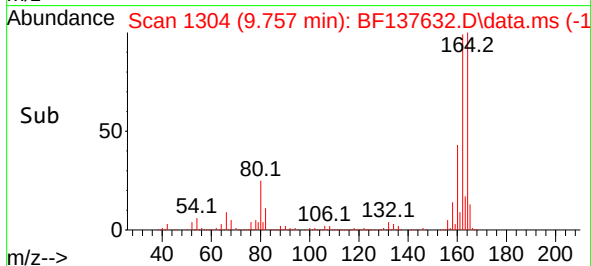
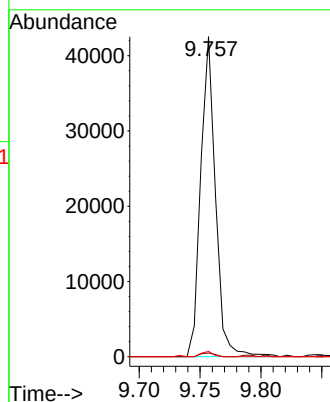
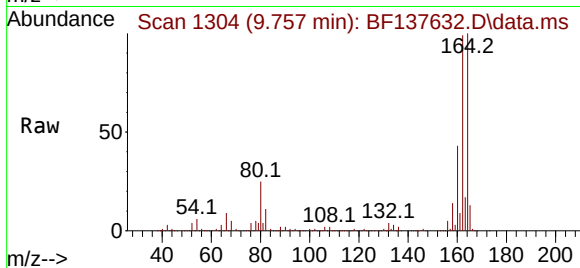
Tgt Ion:165 Resp: 36090

Ion Ratio Lower Upper

165 100

63 1.1 50.7 76.1#

89 1.6 50.0 75.0#



#56

4-Nitrophenol

Concen: 4.546 ng

RT: 9.869 min Scan# 1323

Delta R.T. -0.018 min

Lab File: BF137632.D

Acq: 18 Mar 2024 15:36

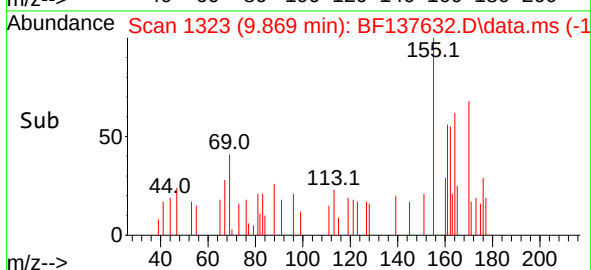
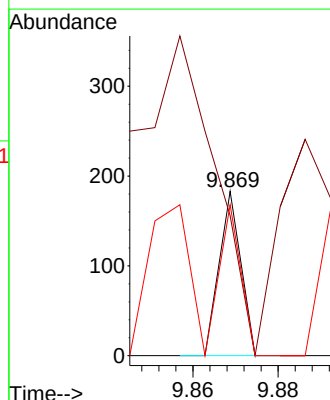
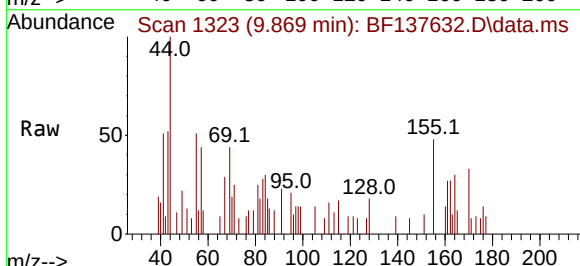
Tgt Ion:139 Resp: 65

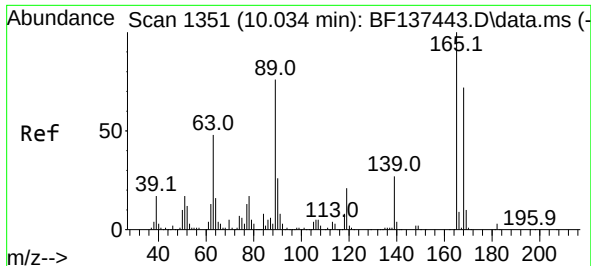
Ion Ratio Lower Upper

139 100

109 85.2 47.1 87.1

65 91.8 85.1 125.1

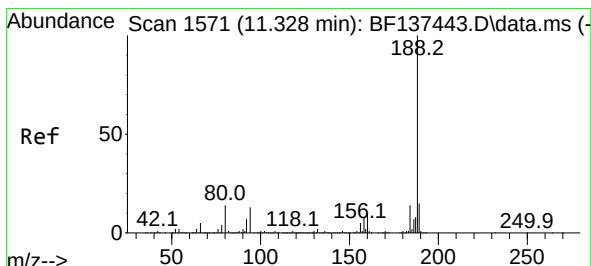
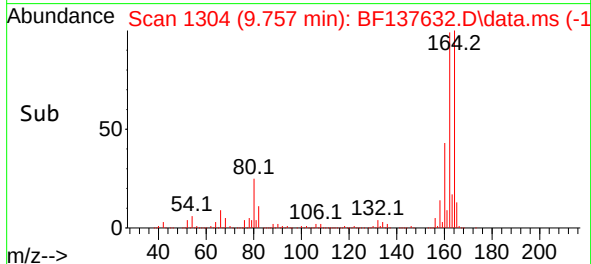
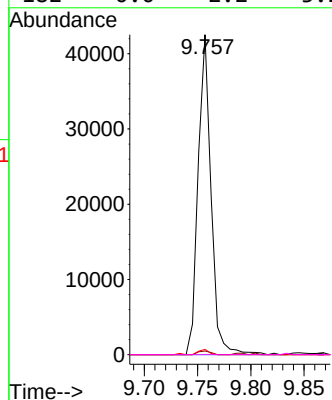
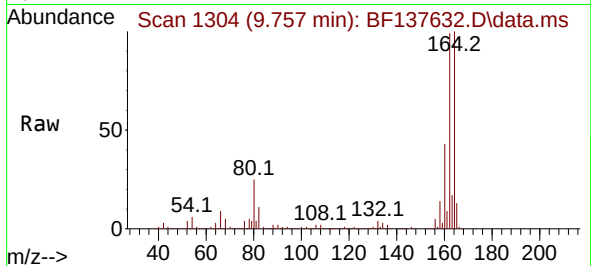




#57
2,4-Dinitrotoluene
Concen: 7.196 ng
RT: 9.757 min Scan# 11
Delta R.T. -0.200 min
Lab File: BF137632.D
Acq: 18 Mar 2024 15:36

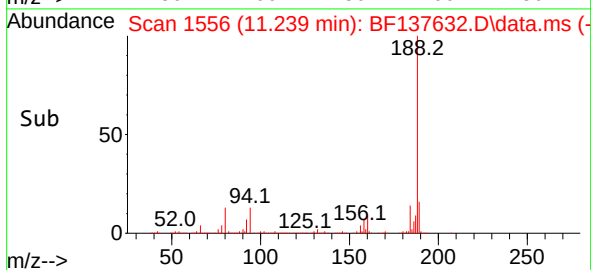
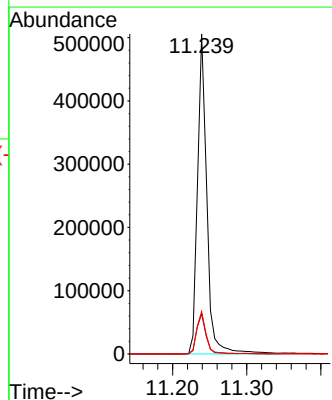
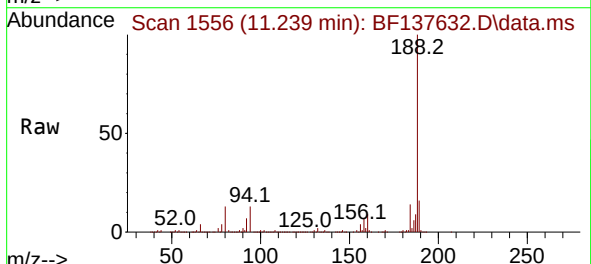
Instrument :
BNA_F
ClientSampleId :
TP3

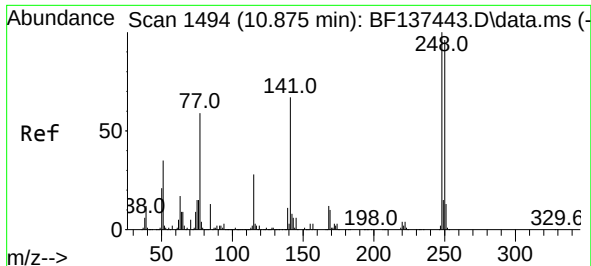
Tgt Ion:165 Resp: 36151
Ion Ratio Lower Upper
165 100
63 1.1 39.0 58.6#
89 1.6 60.9 91.3#
182 0.0 2.2 3.2#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.239 min Scan# 1556
Delta R.T. -0.000 min
Lab File: BF137632.D
Acq: 18 Mar 2024 15:36

Tgt Ion:188 Resp: 441190
Ion Ratio Lower Upper
188 100
94 12.5 10.6 15.8
80 13.3 11.5 17.3

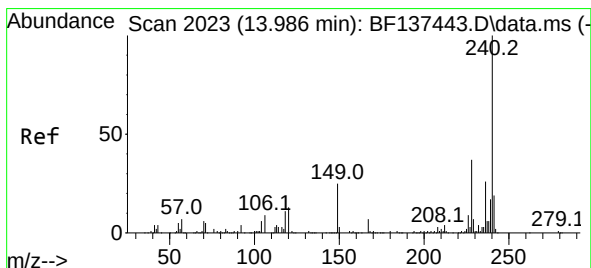
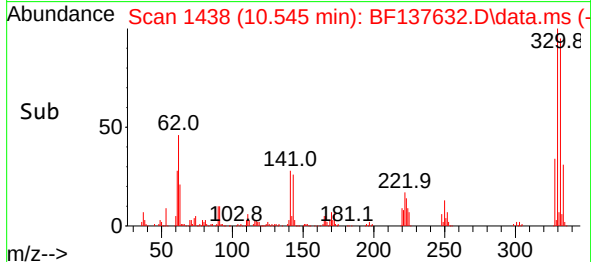
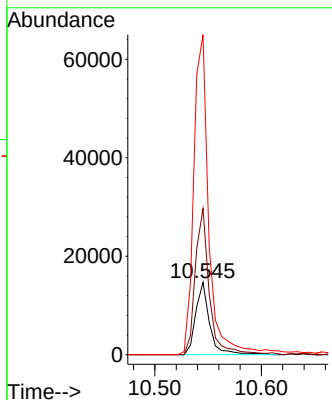
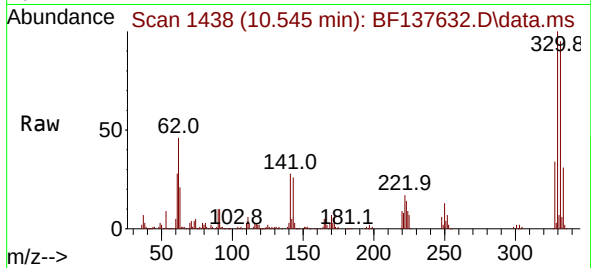




#67
4-Bromophenyl-phenylether
Concen: 2.794 ng
RT: 10.545 min Scan# 1494
Delta R.T. -0.247 min
Lab File: BF137632.D
Acq: 18 Mar 2024 15:36

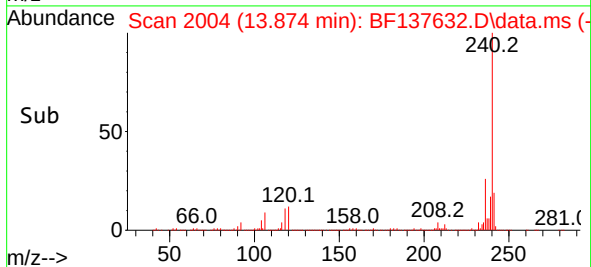
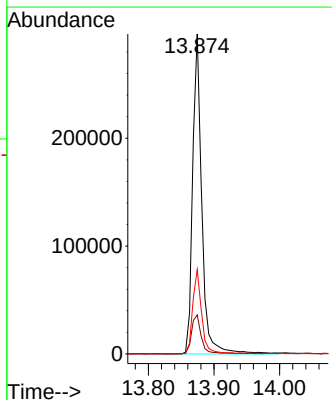
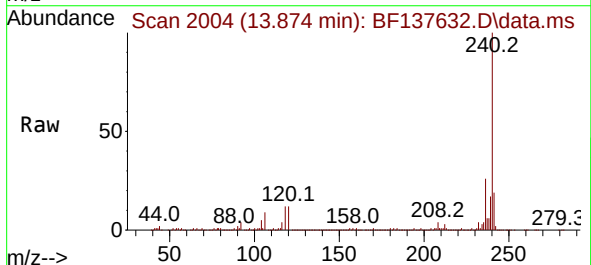
Instrument :
BNA_F
ClientSampleId :
TP3

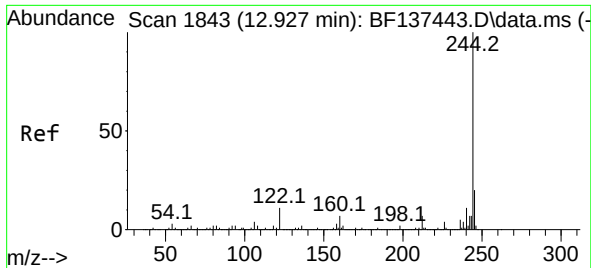
Tgt Ion:248 Resp: 13427
Ion Ratio Lower Upper
248 100
250 202.0 76.8 115.2#
141 442.6 53.4 80.0#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.874 min Scan# 2004
Delta R.T. -0.000 min
Lab File: BF137632.D
Acq: 18 Mar 2024 15:36

Tgt Ion:240 Resp: 289660
Ion Ratio Lower Upper
240 100
120 12.2 10.4 15.6
236 26.3 20.9 31.3

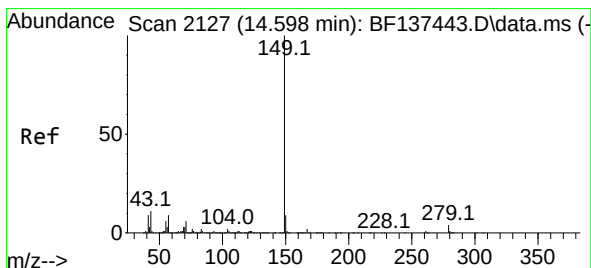
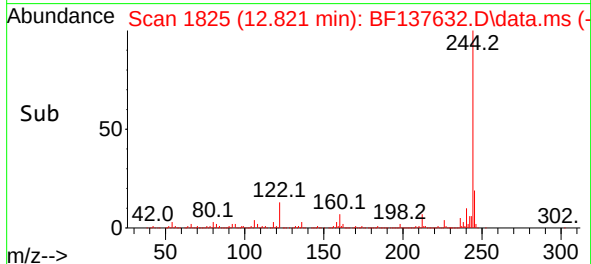
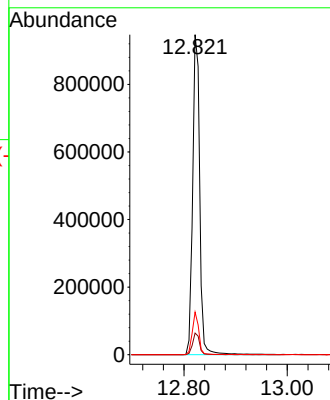
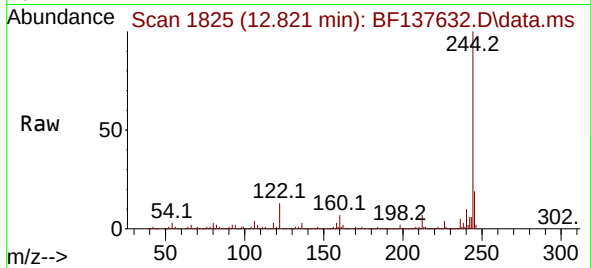




#79
 Terphenyl-d14
 Concen: 42.535 ng
 RT: 12.821 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF137632.D
 Acq: 18 Mar 2024 15:36

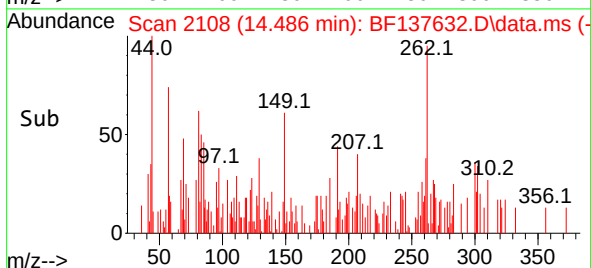
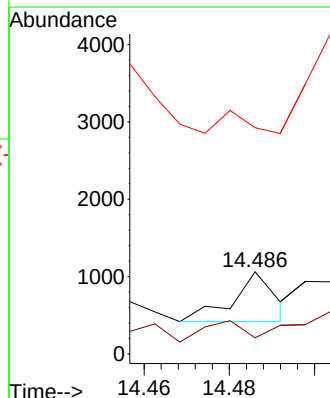
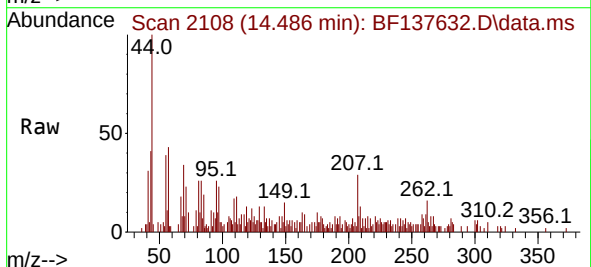
Instrument :
 BNA_F
 ClientSampleId :
 TP3

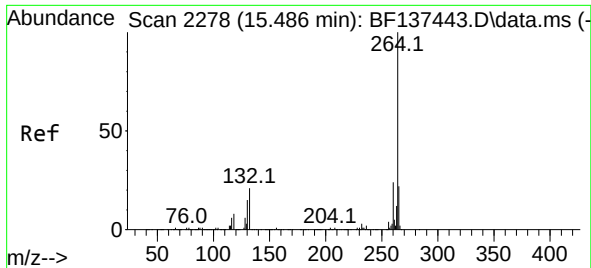
Tgt Ion:244 Resp: 895981
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.4 8.2
 122 13.3 9.1 13.7



#85
 Di-n-octyl phthalate
 Concen: 5.629 ng
 RT: 14.486 min Scan# 2108
 Delta R.T. 0.012 min
 Lab File: BF137632.D
 Acq: 18 Mar 2024 15:36

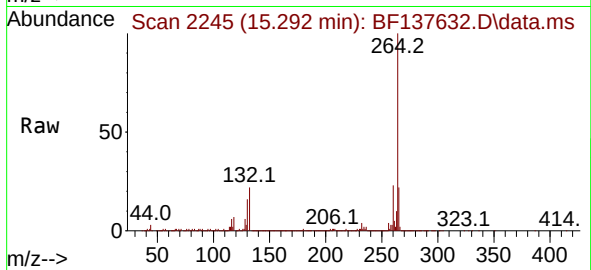
Tgt Ion:149 Resp: 447
 Ion Ratio Lower Upper
 149 100
 167 41.6 1.2 1.8#
 43 0.0 9.6 14.4#





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.292 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF137632.D
Acq: 18 Mar 2024 15:36

Instrument :
BNA_F
ClientSampleId :
TP3



Tgt Ion:264 Resp: 333108

Ion	Ratio	Lower	Upper
264	100		
260	23.2	19.3	28.9
265	22.1	17.4	26.0

