

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030124\
 Data File : BF137464.D
 Acq On : 01 Mar 2024 17:43
 Operator : CG\JU
 Sample : P1602-09
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-3

Quant Time: Mar 01 18:12:26 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 01 12:53:33 2024
 Response via : Initial Calibration

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

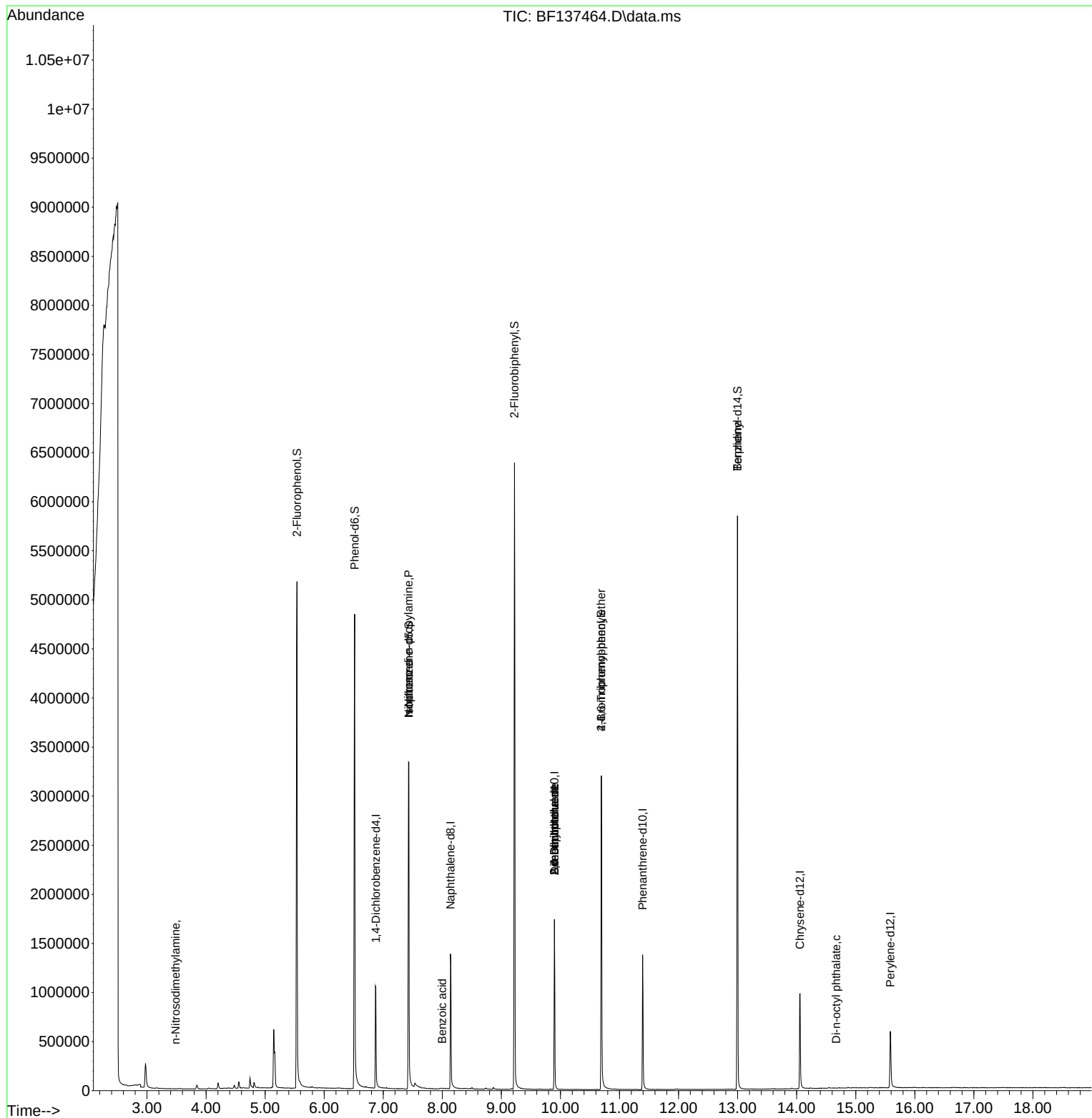
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	169079	20.000	ng	0.00
21) Naphthalene-d8	8.139	136	659360	20.000	ng	-0.02
39) Acenaphthene-d10	9.898	164	332080	20.000	ng	-0.02
64) Phenanthrene-d10	11.392	188	499322	20.000	ng	-0.01
76) Chrysene-d12	14.057	240	369210	20.000	ng	-0.01
86) Perylene-d12	15.586	264	286328	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.540	112	1463606	131.104	ng	0.00
7) Phenol-d6	6.516	99	1827669	113.418	ng	-0.01
23) Nitrobenzene-d5	7.434	82	1298238	91.485	ng	-0.01
42) 2,4,6-Tribromophenol	10.692	330	376063	128.955	ng	-0.02
45) 2-Fluorobiphenyl	9.222	172	2018567	95.151	ng	-0.01
79) Terphenyl-d14	12.998	244	1939041	72.219	ng	-0.01
Target Compounds						
					Qvalue	
4) n-Nitrosodimethylamine	3.487	42	243	3.846	ng	# 1
19) n-Nitroso-di-n-propyla...	7.428	70	169643	17.048	ng	# 84
25) Isophorone	7.434	82	1298238	48.154	ng	# 69
32) Benzoic acid	7.998	122	4725	6.973	ng	95
50) Dimethylphthalate	9.898	163	51652	2.234	ng	# 1
51) 2,6-Dinitrotoluene	9.898	165	43510	8.999	ng	# 20
57) 2,4-Dinitrotoluene	9.898	165	43511	7.325	ng	# 21
67) 4-Bromophenyl-phenylether	10.692	248	25027	4.602	ng	# 1
77) Benzidine	12.998	184	22580	2.499	ng	# 94
85) Di-n-octyl phthalate	14.668	149	285	5.618	ng	# 72

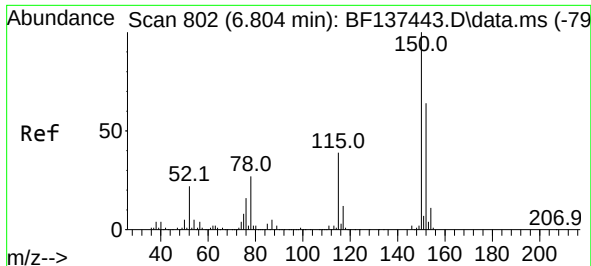
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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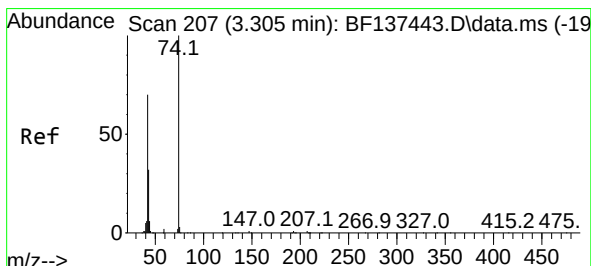
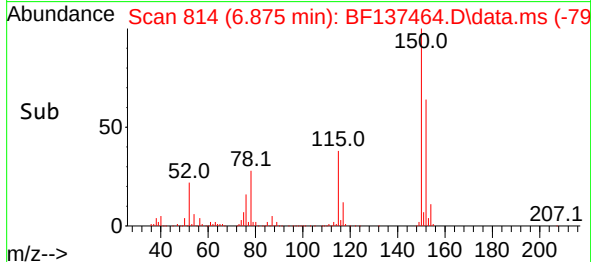
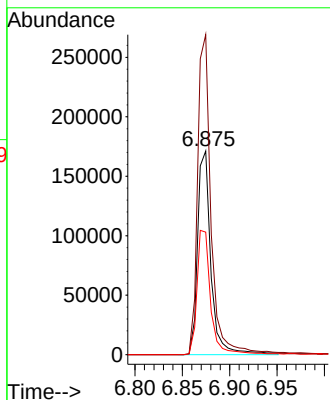
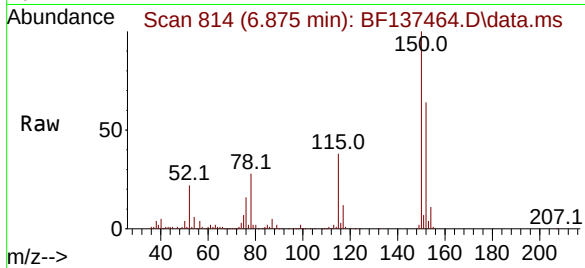




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 814
Delta R.T. -0.006 min
Lab File: BF137464.D
Acq: 01 Mar 2024 17:43

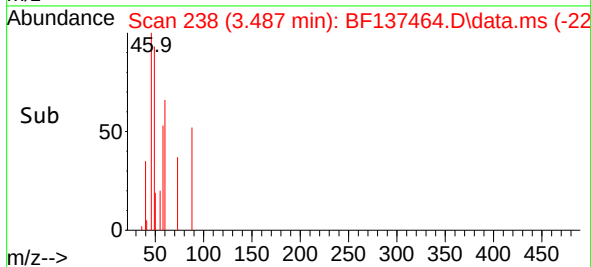
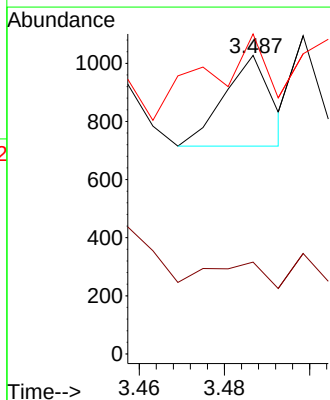
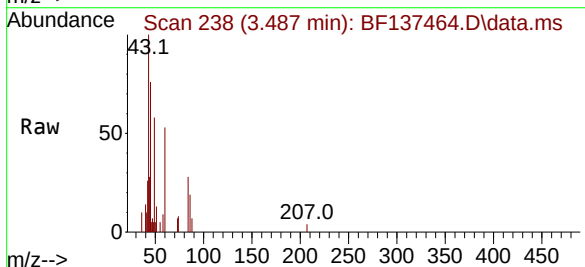
Instrument :
BNA_F
ClientSampleId :
WC-3

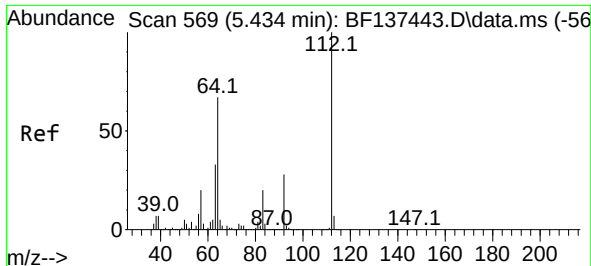
Tgt Ion:152 Resp: 169079
Ion Ratio Lower Upper
152 100
150 157.1 125.8 188.6
115 60.2 48.8 73.2



#4
n-Nitrosodimethylamine
Concen: 3.846 ng
RT: 3.487 min Scan# 238
Delta R.T. -0.012 min
Lab File: BF137464.D
Acq: 01 Mar 2024 17:43

Tgt Ion: 42 Resp: 243
Ion Ratio Lower Upper
42 100
74 30.8 114.0 171.0#
44 107.2 7.0 10.4#

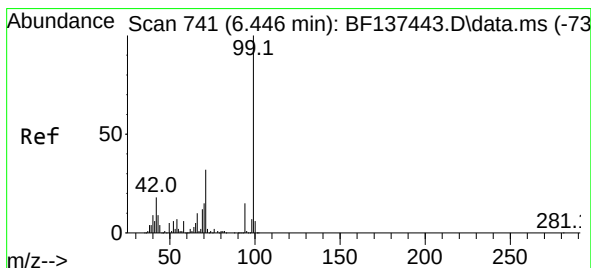
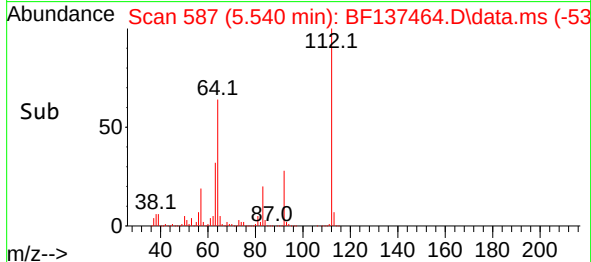
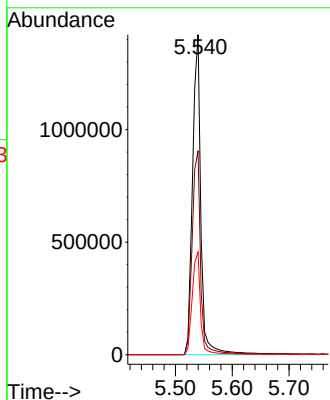
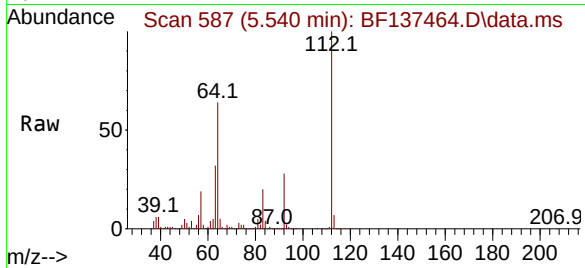




#5
2-Fluorophenol
Concen: 131.104 ng
RT: 5.540 min Scan# 51
Delta R.T. 0.006 min
Lab File: BF137464.D
Acq: 01 Mar 2024 17:43

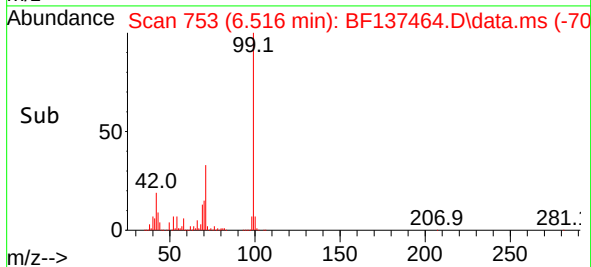
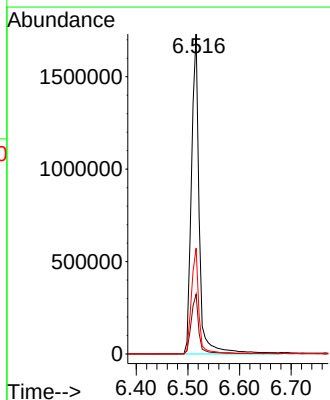
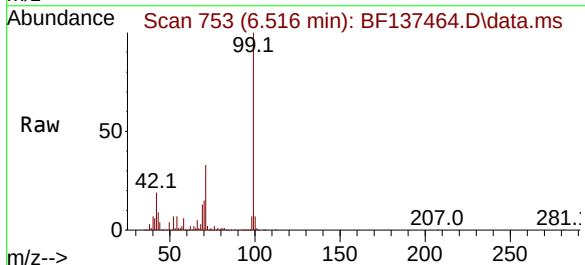
Instrument :
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ClientSampleId :
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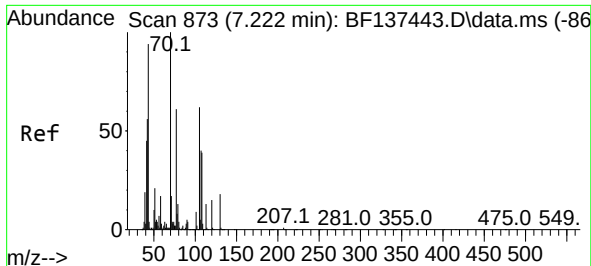
Tgt Ion:112 Resp: 1463606
Ion Ratio Lower Upper
112 100
64 63.8 53.4 80.2
63 32.1 26.2 39.2



#7
Phenol-d6
Concen: 113.418 ng
RT: 6.516 min Scan# 753
Delta R.T. -0.012 min
Lab File: BF137464.D
Acq: 01 Mar 2024 17:43

Tgt Ion: 99 Resp: 1827669
Ion Ratio Lower Upper
99 100
42 18.6 14.6 21.8
71 33.1 25.3 37.9

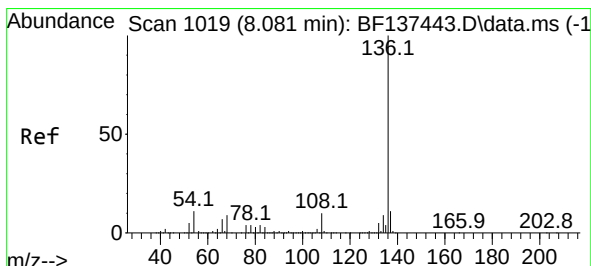
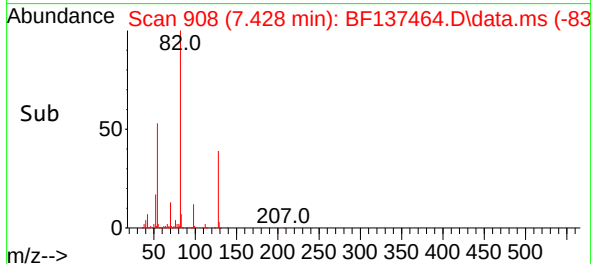
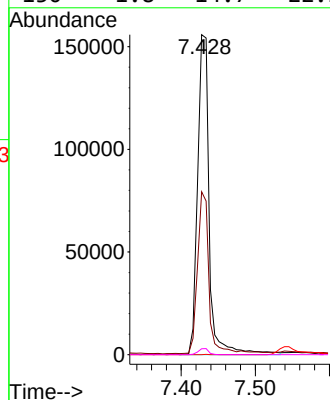
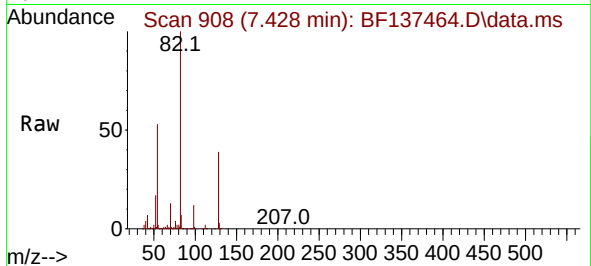




#19
n-Nitroso-di-n-propylamine
Concen: 17.048 ng
RT: 7.428 min Scan# 90
Delta R.T. 0.129 min
Lab File: BF137464.D
Acq: 01 Mar 2024 17:43

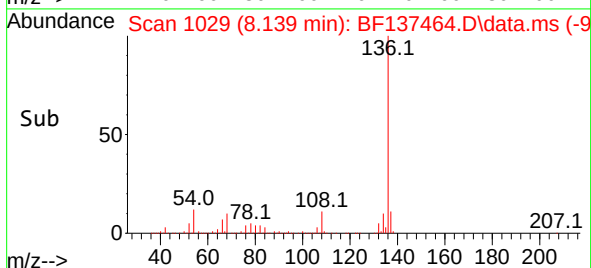
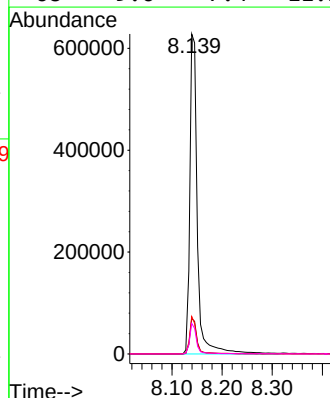
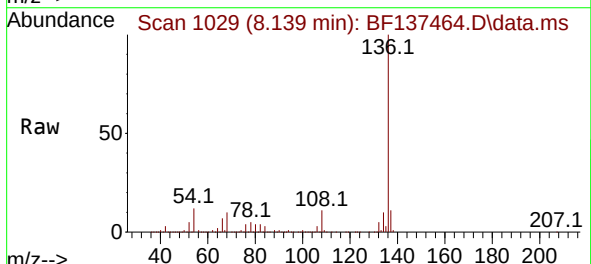
Instrument :
BNA_F
ClientSampleId :
WC-3

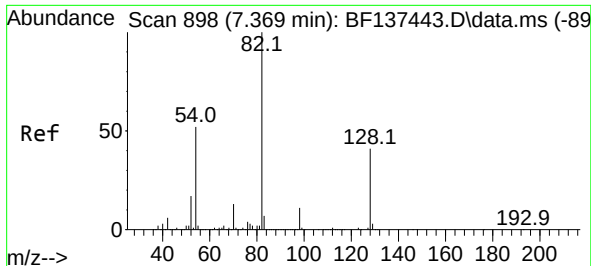
Tgt Ion: 70 Resp: 169643
Ion Ratio Lower Upper
70 100
42 50.9 45.2 67.8
101 0.0 7.3 10.9#
130 1.8 14.7 22.1#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.139 min Scan# 1029
Delta R.T. -0.018 min
Lab File: BF137464.D
Acq: 01 Mar 2024 17:43

Tgt Ion: 136 Resp: 659360
Ion Ratio Lower Upper
136 100
137 11.1 9.1 13.7
54 11.7 8.5 12.7
68 9.6 7.4 11.2

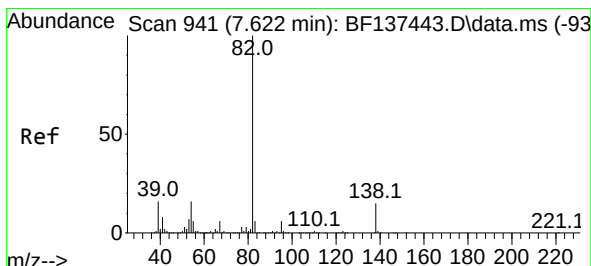
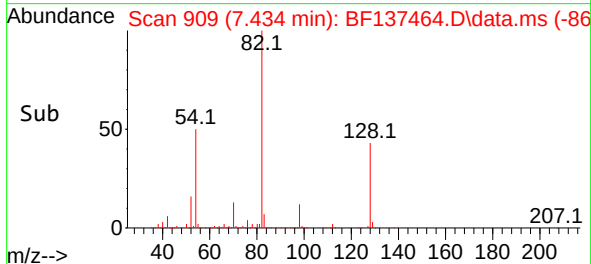
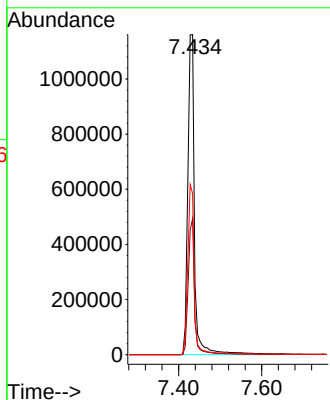
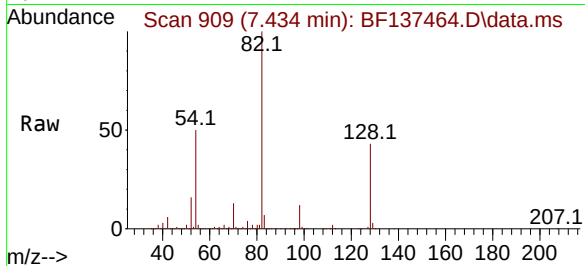




#23
Nitrobenzene-d5
Concen: 91.485 ng
RT: 7.434 min Scan# 909
Delta R.T. -0.012 min
Lab File: BF137464.D
Acq: 01 Mar 2024 17:43

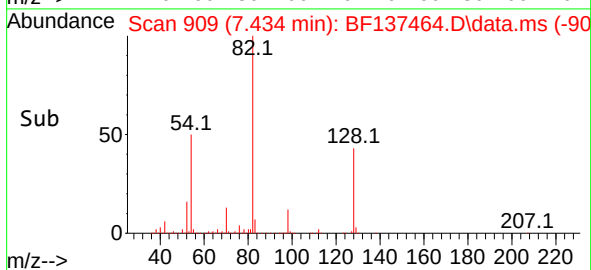
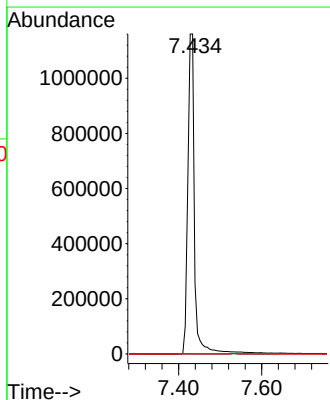
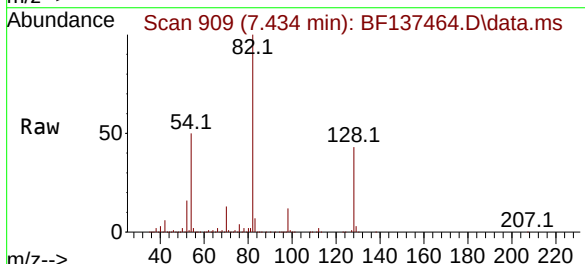
Instrument :
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ClientSampleId :
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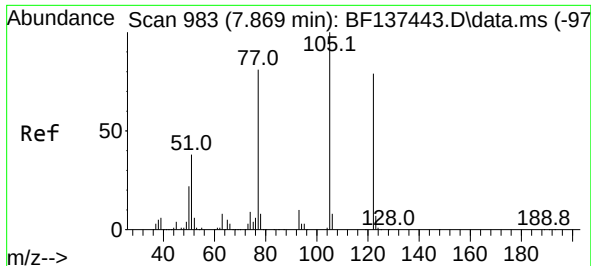
Tgt Ion: 82 Resp: 1298238
Ion Ratio Lower Upper
82 100
128 42.5 32.5 48.7
54 50.3 41.5 62.3



#25
Isophorone
Concen: 48.154 ng
RT: 7.434 min Scan# 909
Delta R.T. -0.265 min
Lab File: BF137464.D
Acq: 01 Mar 2024 17:43

Tgt Ion: 82 Resp: 1298238
Ion Ratio Lower Upper
82 100
95 0.0 5.1 7.7#
138 0.0 11.8 17.8#

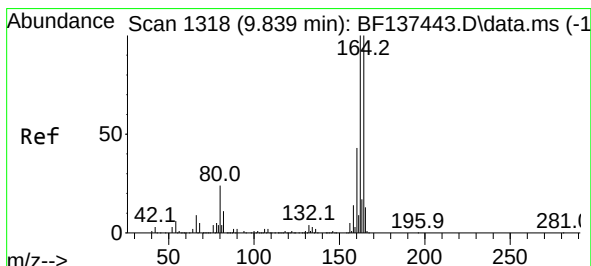
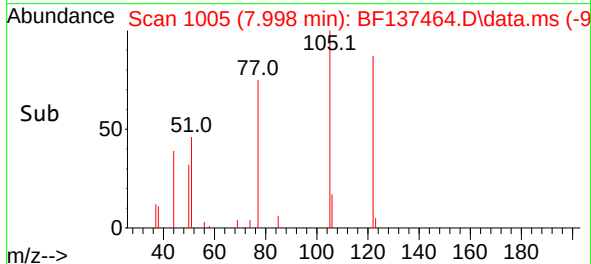
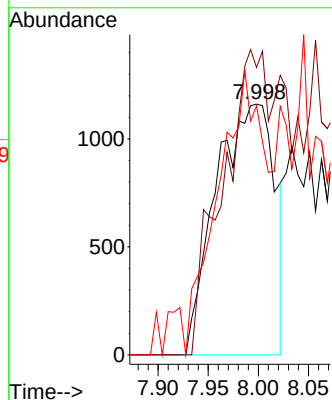
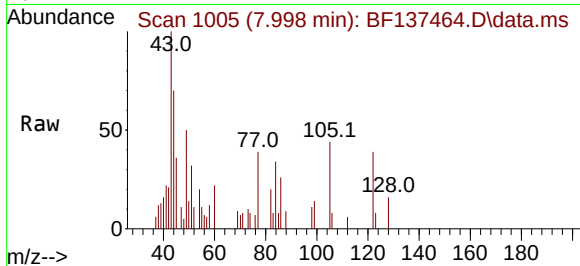




#32
Benzoic acid
Concen: 6.973 ng
RT: 7.998 min Scan# 1005
Delta R.T. 0.053 min
Lab File: BF137464.D
Acq: 01 Mar 2024 17:43

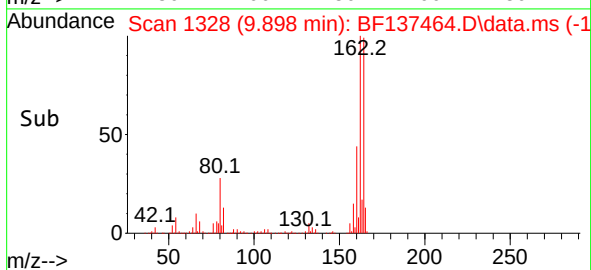
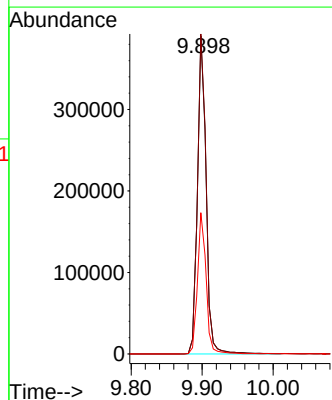
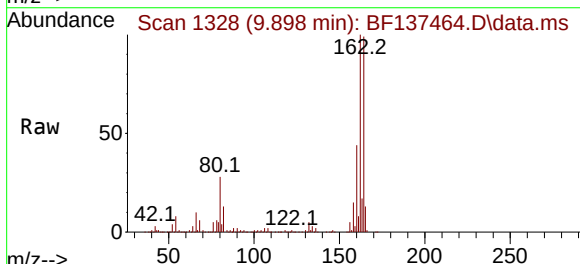
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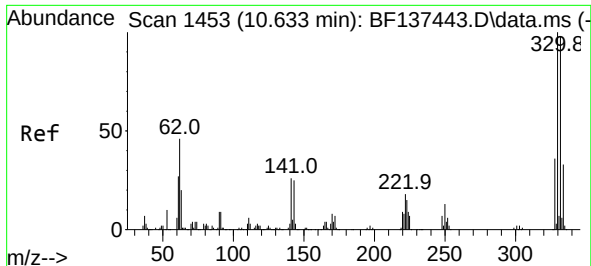
Tgt Ion:122 Resp: 4725
Ion Ratio Lower Upper
122 100
105 114.6 102.4 142.4
77 99.4 81.1 121.1



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.898 min Scan# 1328
Delta R.T. -0.018 min
Lab File: BF137464.D
Acq: 01 Mar 2024 17:43

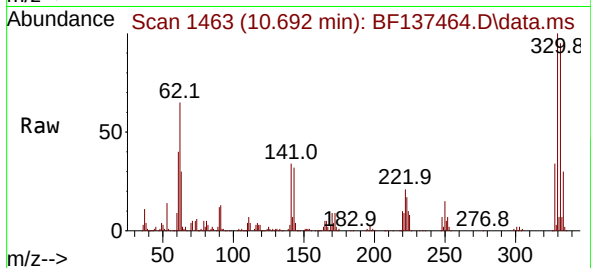
Tgt Ion:164 Resp: 332080
Ion Ratio Lower Upper
164 100
162 100.6 79.8 119.8
160 44.4 34.4 51.6



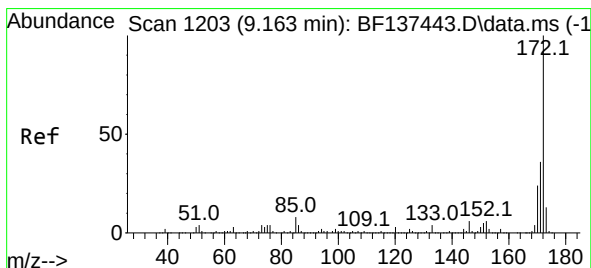
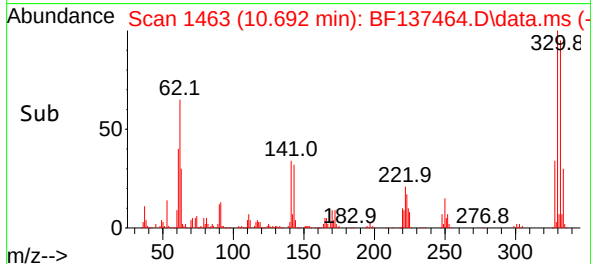
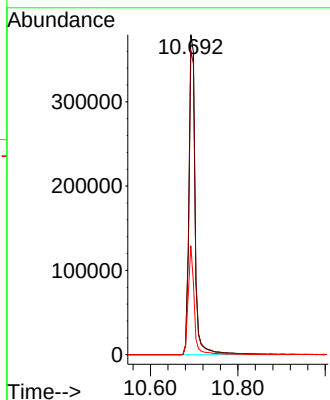


#42
2,4,6-Tribromophenol
Concen: 128.955 ng
RT: 10.692 min Scan# 1463
Delta R.T. -0.018 min
Lab File: BF137464.D
Acq: 01 Mar 2024 17:43

Instrument :
BNA_F
ClientSampleId :
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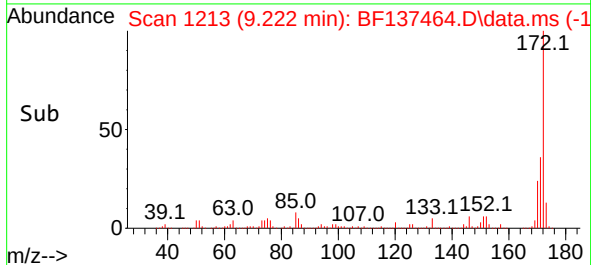
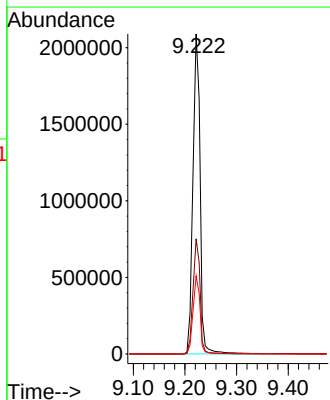
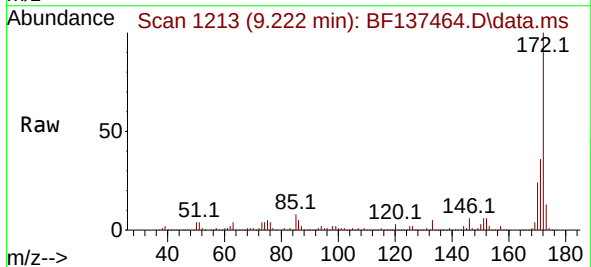


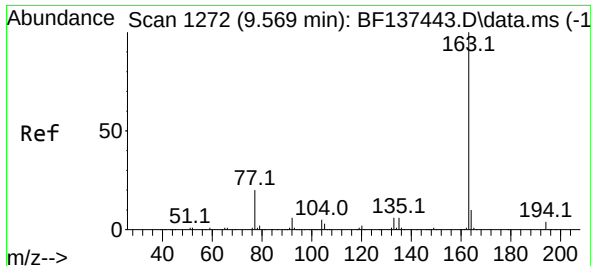
Tgt Ion:330 Resp: 376063
Ion Ratio Lower Upper
330 100
332 94.2 78.0 117.0
141 32.4 27.3 40.9



#45
2-Fluorobiphenyl
Concen: 95.151 ng
RT: 9.222 min Scan# 1213
Delta R.T. -0.012 min
Lab File: BF137464.D
Acq: 01 Mar 2024 17:43

Tgt Ion:172 Resp: 2018567
Ion Ratio Lower Upper
172 100
171 36.0 28.5 42.7
170 24.4 19.0 28.6

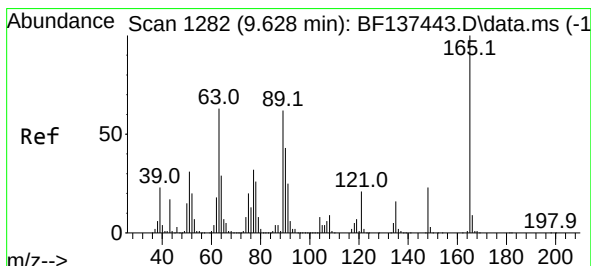
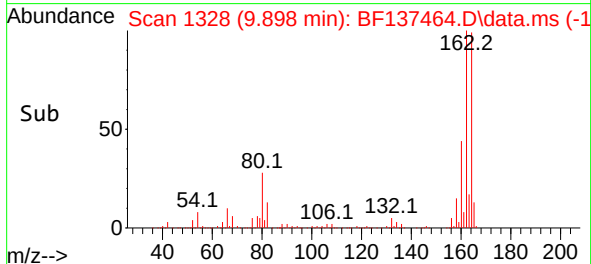
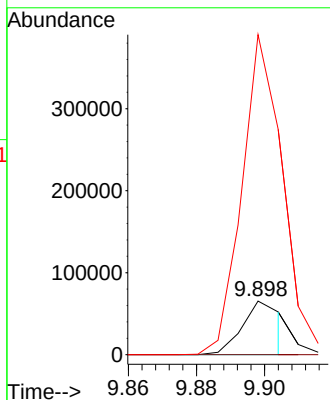
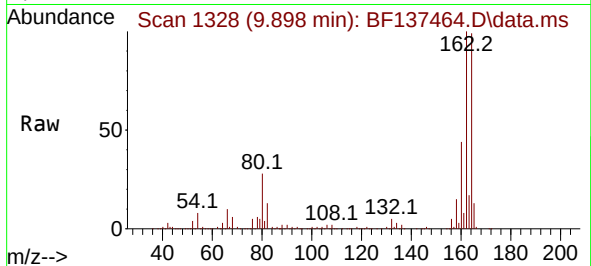




#50
Dimethylphthalate
Concen: 2.234 ng
RT: 9.898 min Scan# 1328
Delta R.T. 0.253 min
Lab File: BF137464.D
Acq: 01 Mar 2024 17:43

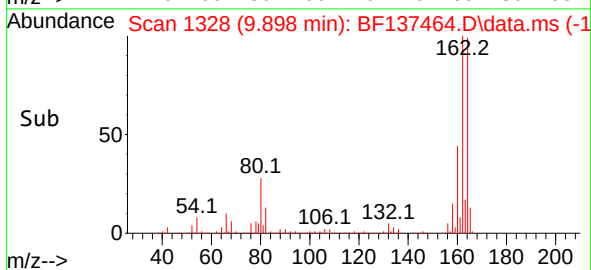
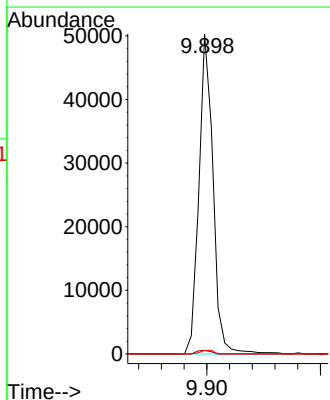
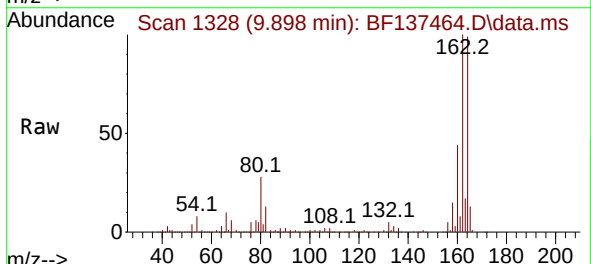
Instrument :
BNA_F
ClientSampleId :
WC-3

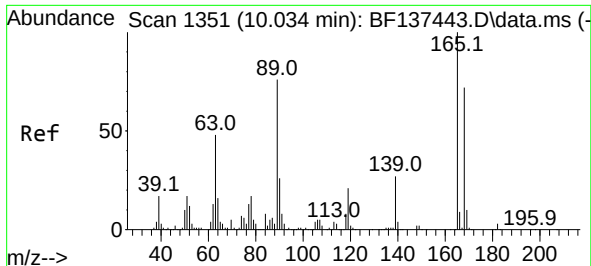
Tgt Ion:163 Resp: 51652
Ion Ratio Lower Upper
163 100
194 0.0 3.3 4.9#
164 597.6 8.1 12.1#



#51
2,6-Dinitrotoluene
Concen: 8.999 ng
RT: 9.898 min Scan# 1328
Delta R.T. 0.194 min
Lab File: BF137464.D
Acq: 01 Mar 2024 17:43

Tgt Ion:165 Resp: 43510
Ion Ratio Lower Upper
165 100
63 1.1 50.7 76.1#
89 1.1 50.0 75.0#

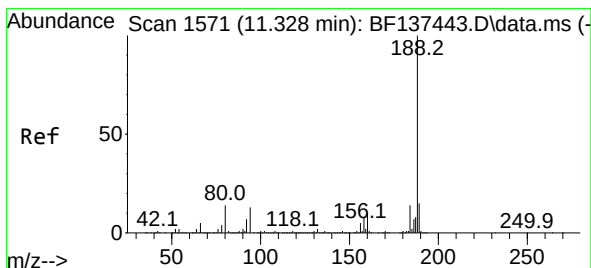
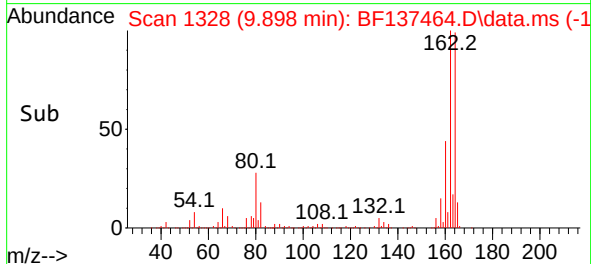
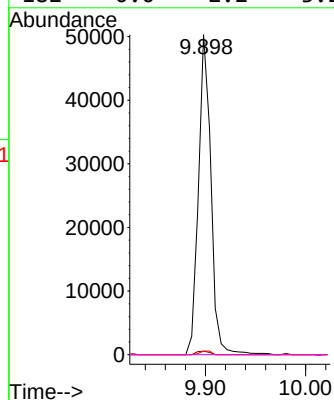
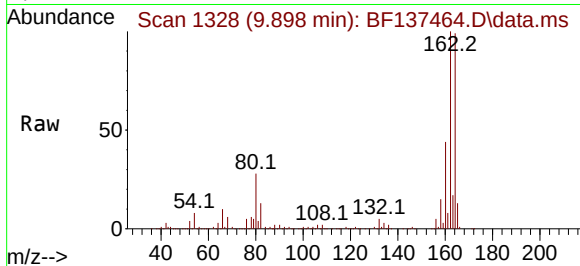




#57
2,4-Dinitrotoluene
Concen: 7.325 ng
RT: 9.898 min Scan# 11
Delta R.T. -0.212 min
Lab File: BF137464.D
Acq: 01 Mar 2024 17:43

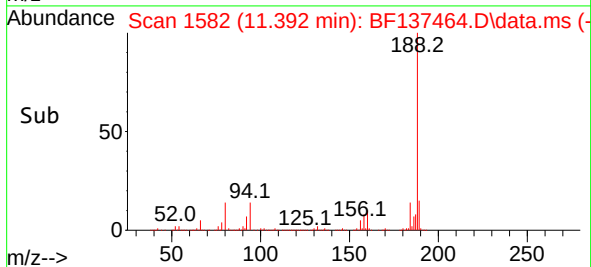
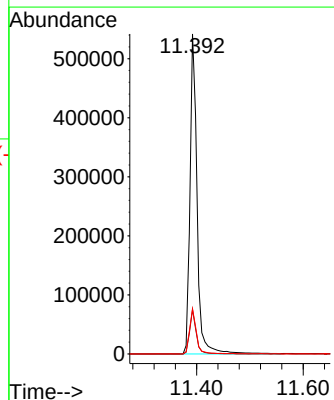
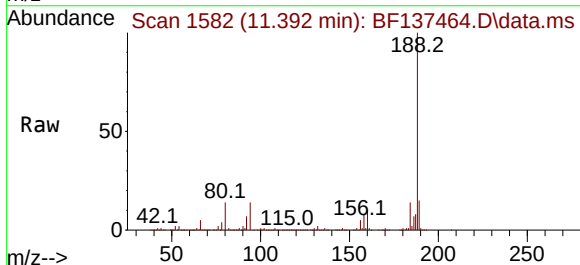
Instrument :
BNA_F
ClientSampleId :
WC-3

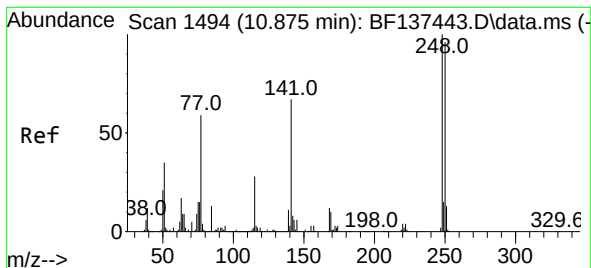
Tgt Ion:165 Resp: 43511
Ion Ratio Lower Upper
165 100
63 1.1 39.0 58.6#
89 1.1 60.9 91.3#
182 0.0 2.2 3.2#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.392 min Scan# 1582
Delta R.T. -0.012 min
Lab File: BF137464.D
Acq: 01 Mar 2024 17:43

Tgt Ion:188 Resp: 499322
Ion Ratio Lower Upper
188 100
94 13.9 10.6 15.8
80 14.1 11.5 17.3

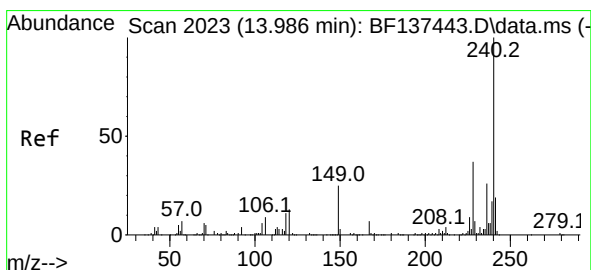
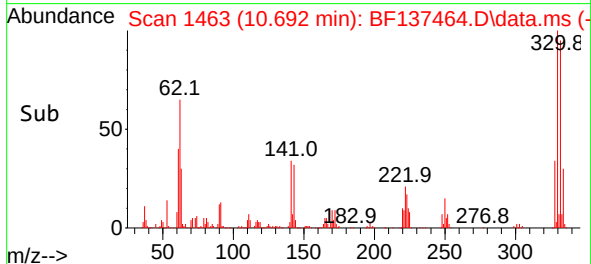
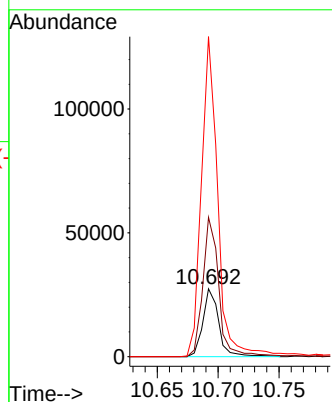
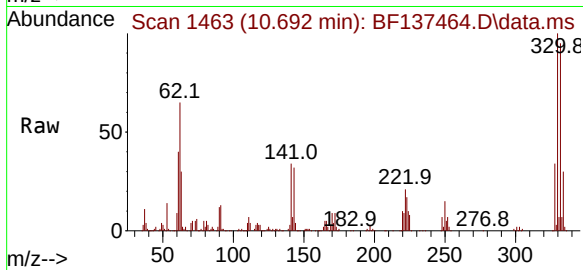




#67
4-Bromophenyl-phenylether
Concen: 4.602 ng
RT: 10.692 min Scan# 1463
Delta R.T. -0.259 min
Lab File: BF137464.D
Acq: 01 Mar 2024 17:43

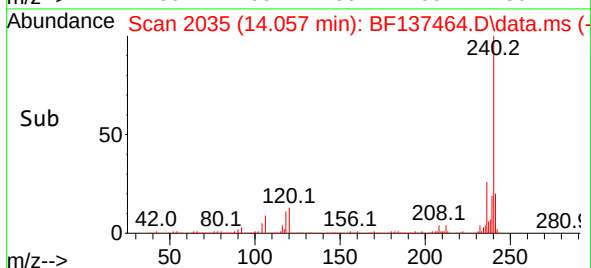
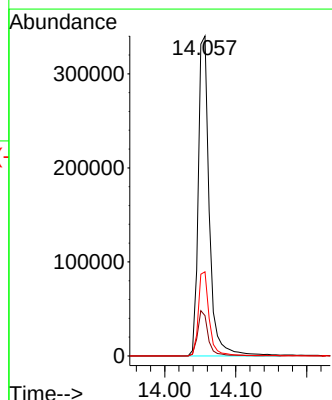
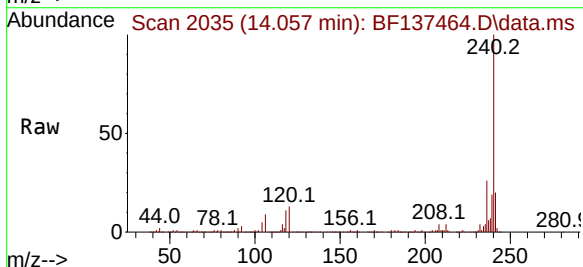
Instrument :
BNA_F
ClientSampleId :
WC-3

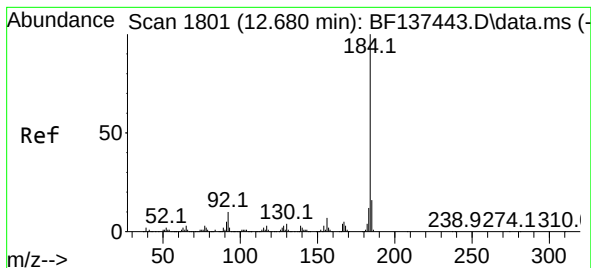
Tgt Ion:248 Resp: 25027
Ion Ratio Lower Upper
248 100
250 205.2 76.8 115.2#
141 471.1 53.4 80.0#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.057 min Scan# 2035
Delta R.T. -0.012 min
Lab File: BF137464.D
Acq: 01 Mar 2024 17:43

Tgt Ion:240 Resp: 369210
Ion Ratio Lower Upper
240 100
120 12.6 10.4 15.6
236 26.3 20.9 31.3





#77

Benzidine

Concen: 2.499 ng

RT: 12.998 min Scan# 1855

Delta R.T. 0.241 min

Lab File: BF137464.D

Acq: 01 Mar 2024 17:43

Instrument :

BNA_F

ClientSampleId :

WC-3

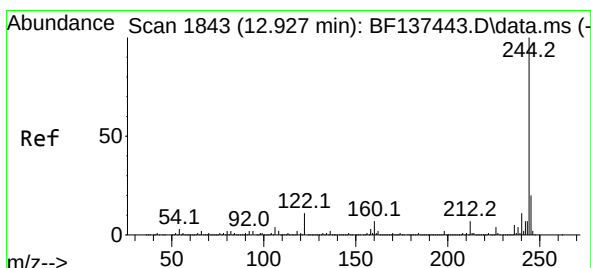
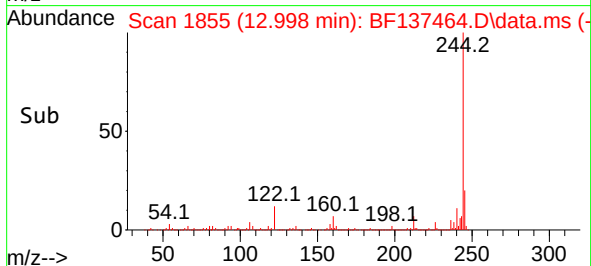
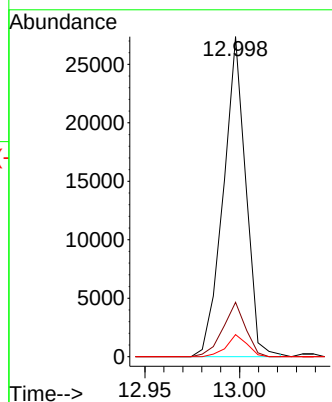
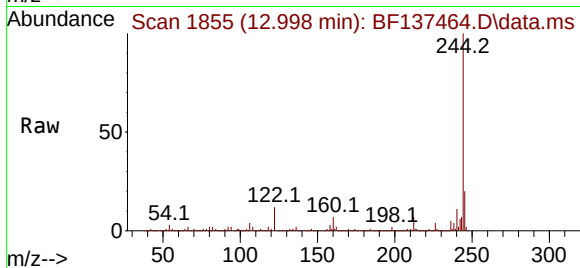
Tgt Ion:184 Resp: 22580

Ion Ratio Lower Upper

184 100

185 17.0 13.2 19.8

183 6.9 9.3 13.9#



#79

Terphenyl-d14

Concen: 72.219 ng

RT: 12.998 min Scan# 1855

Delta R.T. -0.012 min

Lab File: BF137464.D

Acq: 01 Mar 2024 17:43

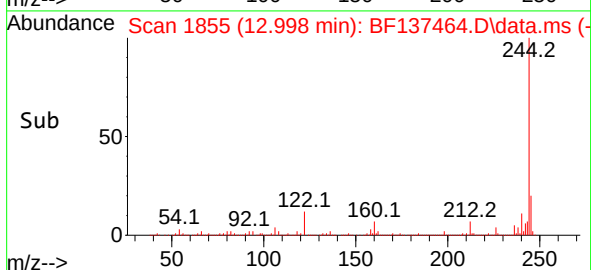
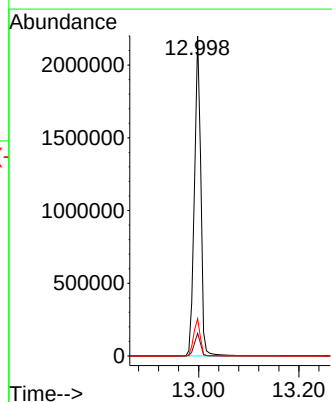
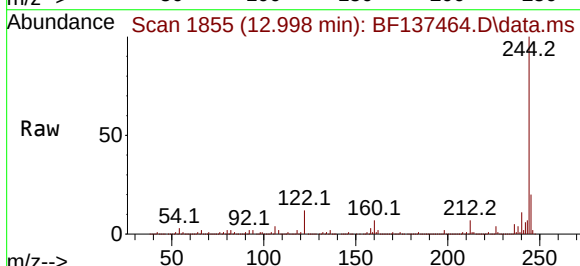
Tgt Ion:244 Resp: 1939041

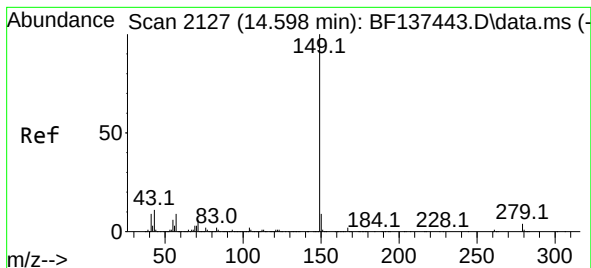
Ion Ratio Lower Upper

244 100

212 7.1 5.4 8.2

122 11.6 9.1 13.7





#85

Di-n-octyl phthalate

Concen: 5.618 ng

RT: 14.668 min Scan# 2127

Delta R.T. -0.018 min

Lab File: BF137464.D

Acq: 01 Mar 2024 17:43

Instrument :

BNA_F

ClientSampleId :

WC-3

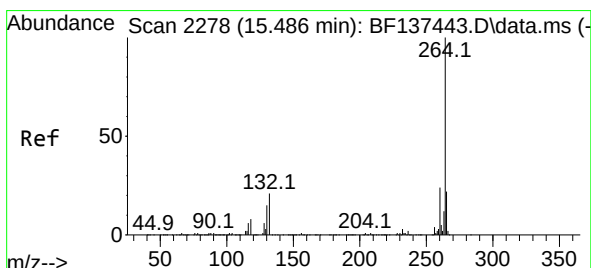
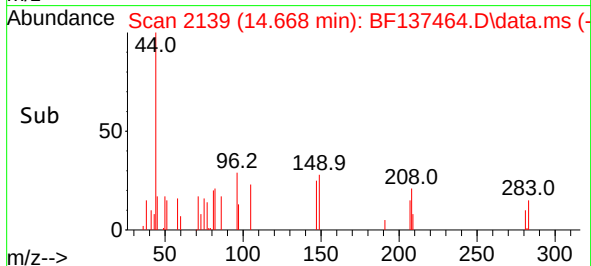
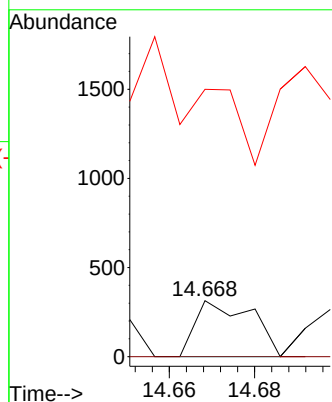
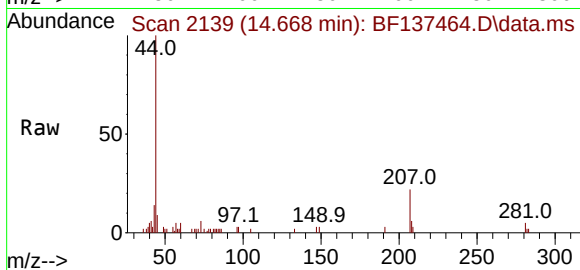
Tgt Ion:149 Resp: 285

Ion Ratio Lower Upper

149 100

167 0.0 1.2 1.8#

43 0.0 9.6 14.4#



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.586 min Scan# 2295

Delta R.T. -0.012 min

Lab File: BF137464.D

Acq: 01 Mar 2024 17:43

Tgt Ion:264 Resp: 286328

Ion Ratio Lower Upper

264 100

260 23.0 19.3 28.9

265 20.8 17.4 26.0

