

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030124\
 Data File : BF137454.D
 Acq On : 01 Mar 2024 12:01
 Operator : CG\JU
 Sample : P1639-01
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SP-5

Quant Time: Mar 01 12:59:02 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)

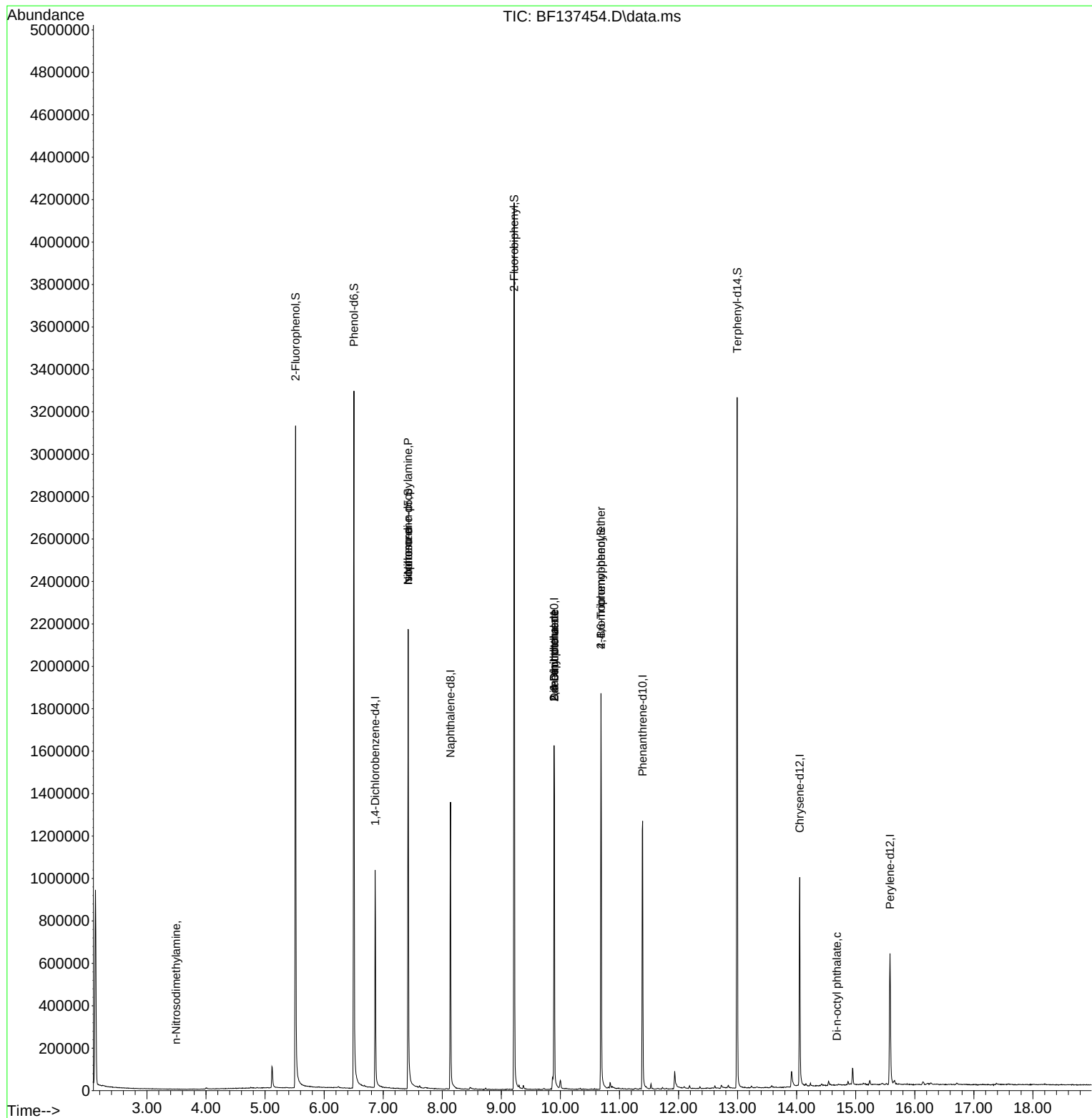
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.863	152	149488	20.000	ng	-0.02
21) Naphthalene-d8	8.140	136	588654	20.000	ng	-0.02
39) Acenaphthene-d10	9.892	164	314046	20.000	ng	-0.02
64) Phenanthrene-d10	11.392	188	500570	20.000	ng	-0.01
76) Chrysene-d12	14.051	240	339709	20.000	ng	-0.02
86) Perylene-d12	15.580	264	294932	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	832385	84.333	ng	-0.02
7) Phenol-d6	6.504	99	1140185	80.028	ng	-0.02
23) Nitrobenzene-d5	7.422	82	674452	53.236	ng	-0.02
42) 2,4,6-Tribromophenol	10.686	330	192491	69.797	ng	-0.02
45) 2-Fluorobiphenyl	9.216	172	1181778	58.906	ng	-0.02
79) Terphenyl-d14	12.992	244	1145656	46.375	ng	-0.02
Target Compounds						
					Qvalue	
4) n-Nitrosodimethylamine	3.493	42	190	3.842	ng	# 1
19) n-Nitroso-di-n-propyla...	7.422	70	85475	9.715	ng	# 82
25) Isophorone	7.422	82	674446	28.021	ng	# 69
50) Dimethylphthalate	9.892	163	46380	2.122	ng	# 1
51) 2,6-Dinitrotoluene	9.892	165	40400	8.835	ng	# 21
57) 2,4-Dinitrotoluene	9.892	165	40400	7.192	ng	# 21
67) 4-Bromophenyl-phenylether	10.686	248	12872	2.361	ng	# 1
85) Di-n-octyl phthalate	14.680	149	379	5.623	ng	# 1

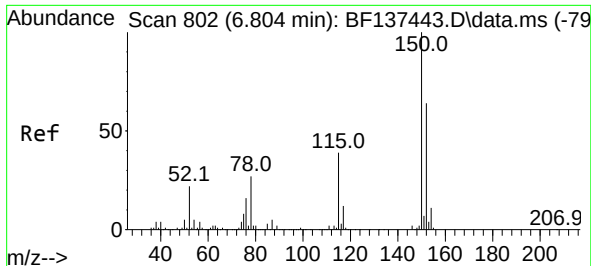
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030124\
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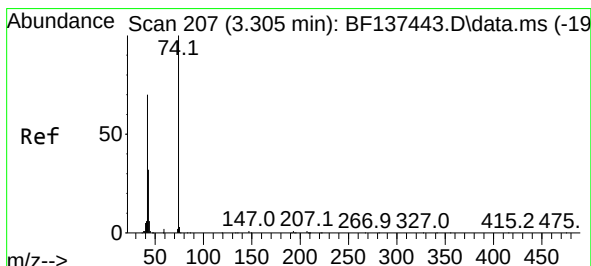
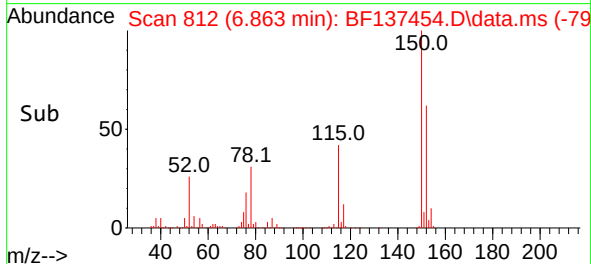
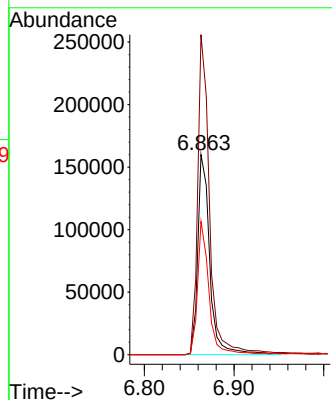
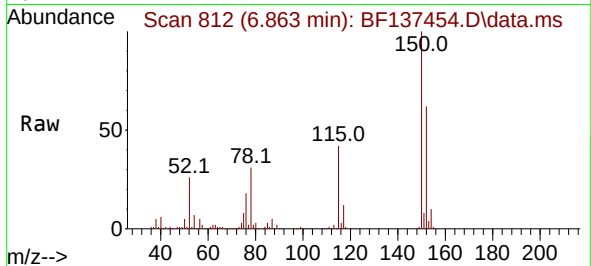




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.863 min Scan# 812
Delta R.T. -0.018 min
Lab File: BF137454.D
Acq: 01 Mar 2024 12:01

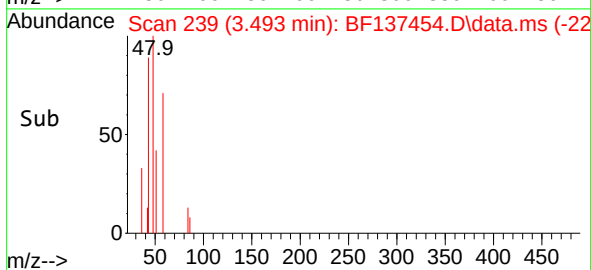
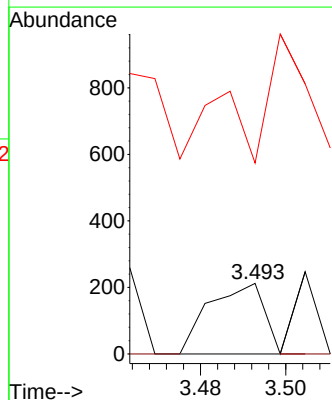
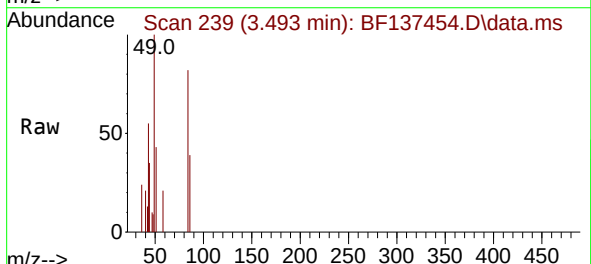
Instrument :
BNA_F
ClientSampleId :
SP-5

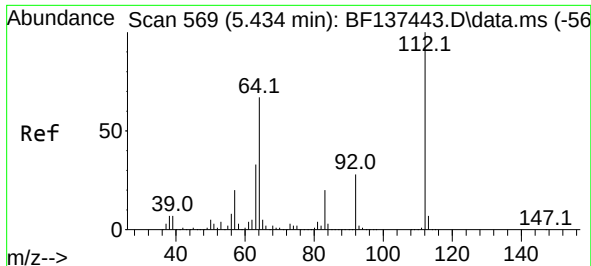
Tgt Ion:152 Resp: 149488
Ion Ratio Lower Upper
152 100
150 160.0 125.8 188.6
115 66.6 48.8 73.2



#4
n-Nitrosodimethylamine
Concen: 3.842 ng
RT: 3.493 min Scan# 239
Delta R.T. -0.006 min
Lab File: BF137454.D
Acq: 01 Mar 2024 12:01

Tgt Ion: 42 Resp: 190
Ion Ratio Lower Upper
42 100
74 0.0 114.0 171.0#
44 270.8 7.0 10.4#

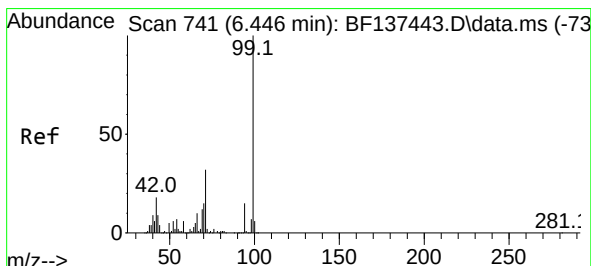
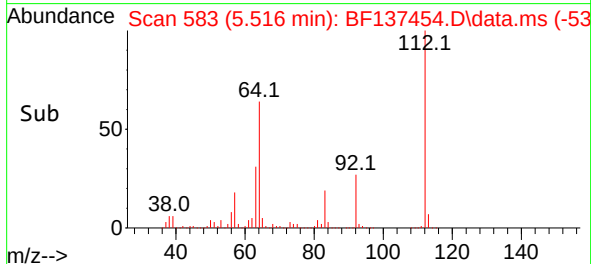
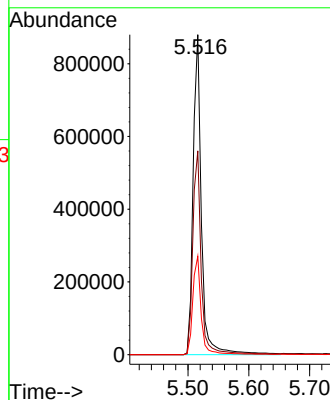
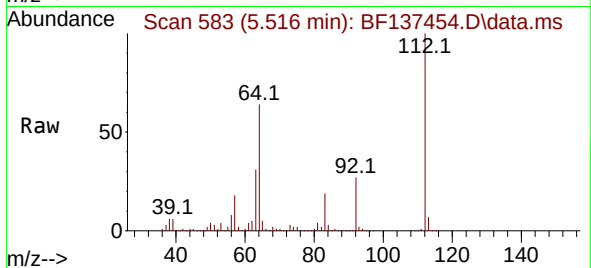




#5
2-Fluorophenol
Concen: 84.333 ng
RT: 5.516 min Scan# 51
Delta R.T. -0.017 min
Lab File: BF137454.D
Acq: 01 Mar 2024 12:01

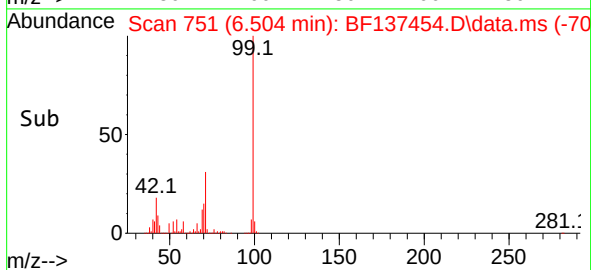
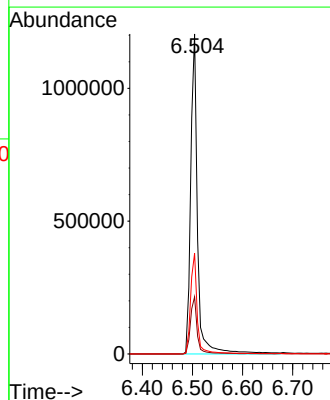
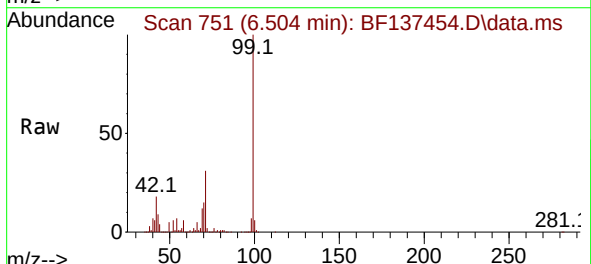
Instrument :
BNA_F
ClientSampleId :
SP-5

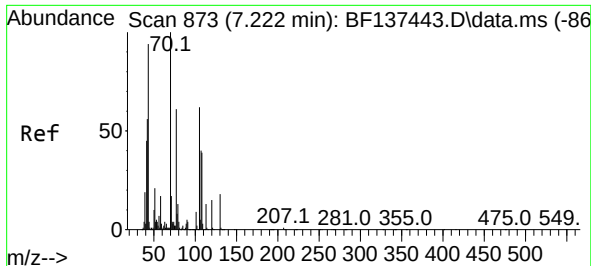
Tgt Ion:112 Resp: 832385
Ion Ratio Lower Upper
112 100
64 63.7 53.4 80.2
63 30.8 26.2 39.2



#7
Phenol-d6
Concen: 80.028 ng
RT: 6.504 min Scan# 751
Delta R.T. -0.023 min
Lab File: BF137454.D
Acq: 01 Mar 2024 12:01

Tgt Ion: 99 Resp: 1140185
Ion Ratio Lower Upper
99 100
42 17.8 14.6 21.8
71 31.4 25.3 37.9

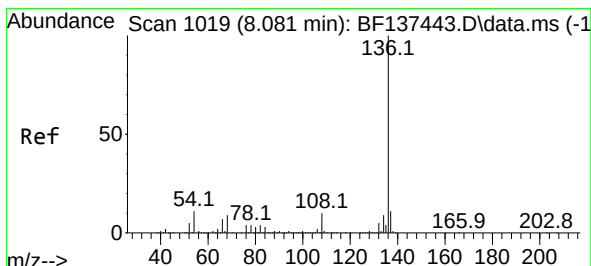
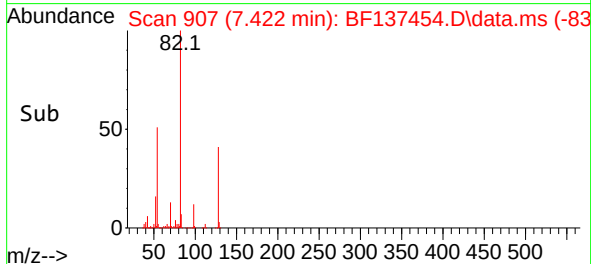
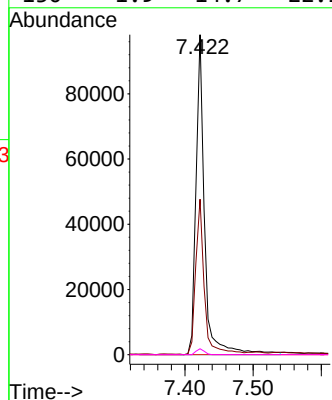
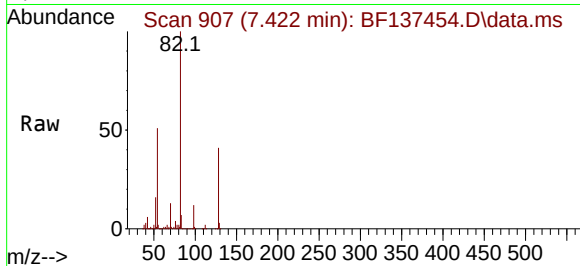




#19
n-Nitroso-di-n-propylamine
Concen: 9.715 ng
RT: 7.422 min Scan# 90
Delta R.T. 0.124 min
Lab File: BF137454.D
Acq: 01 Mar 2024 12:01

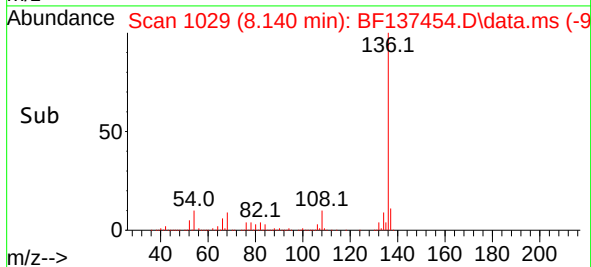
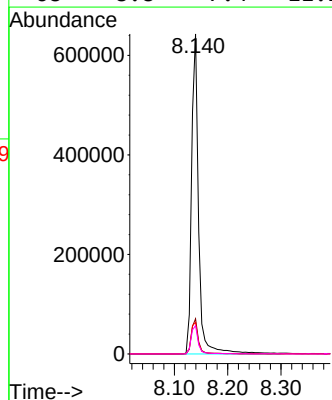
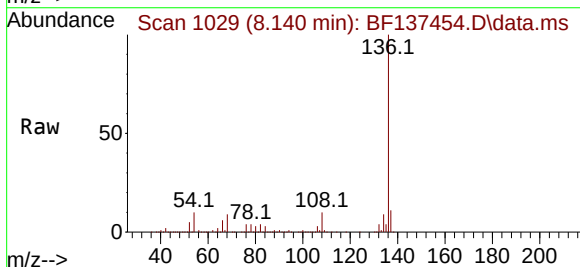
Instrument :
BNA_F
ClientSampleId :
SP-5

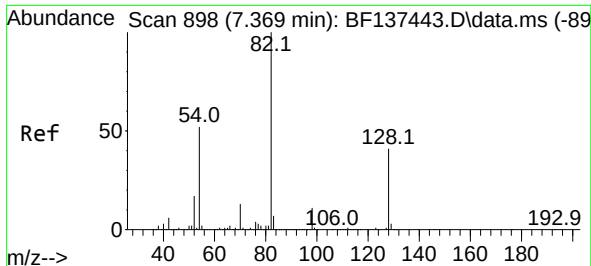
Tgt Ion:	70	Resp:	85475
Ion	Ratio	Lower	Upper
70	100		
42	48.6	45.2	67.8
101	0.0	7.3	10.9#
130	1.9	14.7	22.1#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.140 min Scan# 1029
Delta R.T. -0.017 min
Lab File: BF137454.D
Acq: 01 Mar 2024 12:01

Tgt Ion:	136	Resp:	588654
Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.1	13.7
54	9.9	8.5	12.7
68	8.8	7.4	11.2

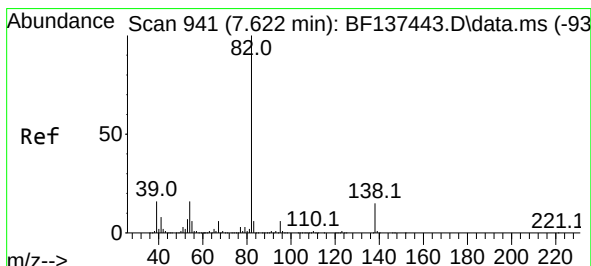
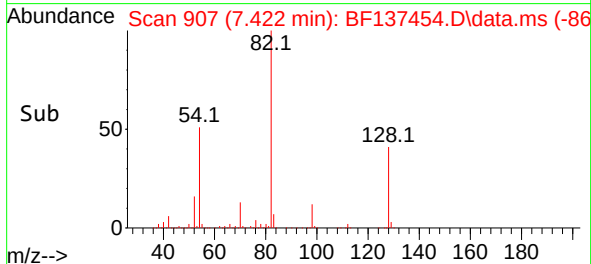
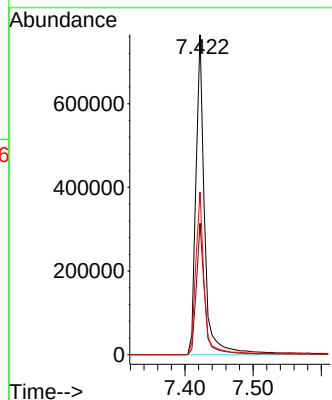
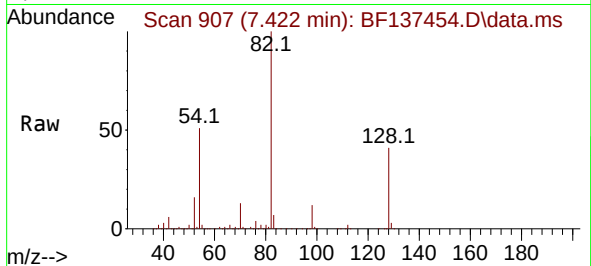




#23
Nitrobenzene-d5
Concen: 53.236 ng
RT: 7.422 min Scan# 907
Delta R.T. -0.023 min
Lab File: BF137454.D
Acq: 01 Mar 2024 12:01

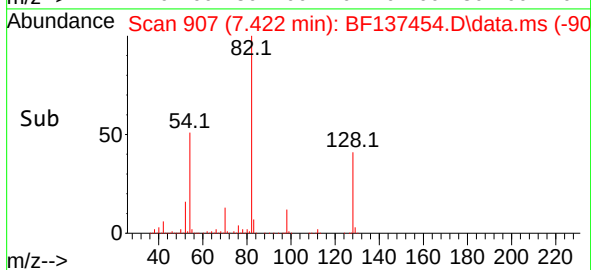
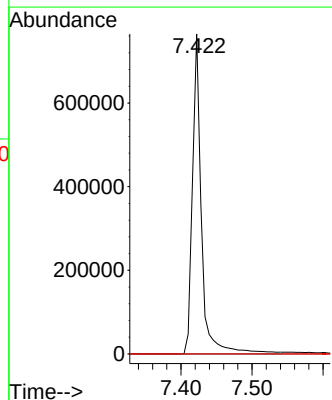
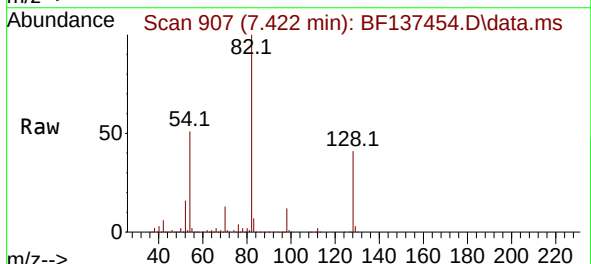
Instrument :
BNA_F
ClientSampleId :
SP-5

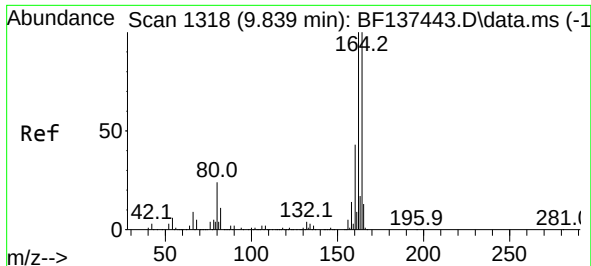
Tgt Ion: 82 Resp: 674452
Ion Ratio Lower Upper
82 100
128 41.1 32.5 48.7
54 50.9 41.5 62.3



#25
Isophorone
Concen: 28.021 ng
RT: 7.422 min Scan# 907
Delta R.T. -0.276 min
Lab File: BF137454.D
Acq: 01 Mar 2024 12:01

Tgt Ion: 82 Resp: 674446
Ion Ratio Lower Upper
82 100
95 0.0 5.1 7.7#
138 0.0 11.8 17.8#

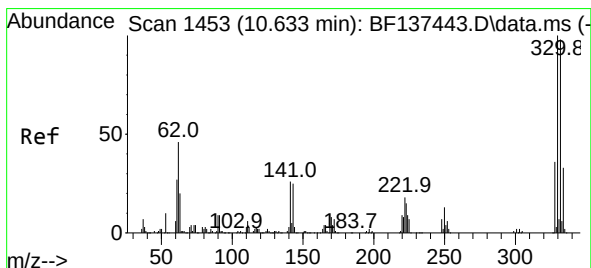
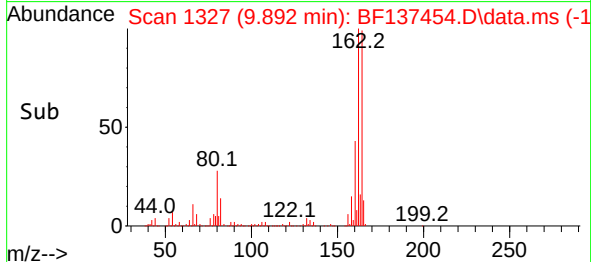
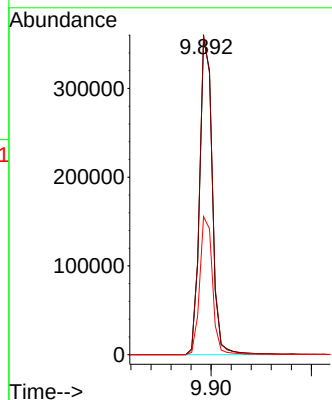
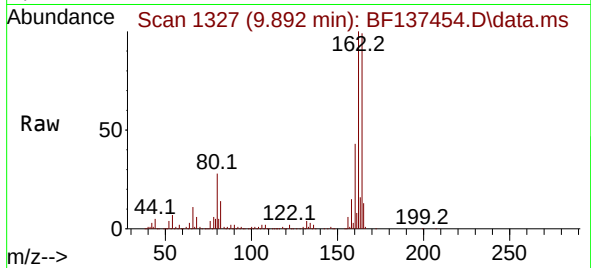




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.892 min Scan# 11
Delta R.T. -0.023 min
Lab File: BF137454.D
Acq: 01 Mar 2024 12:01

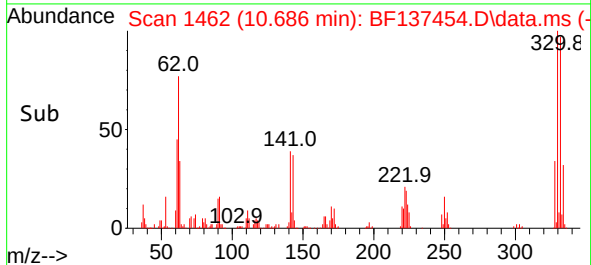
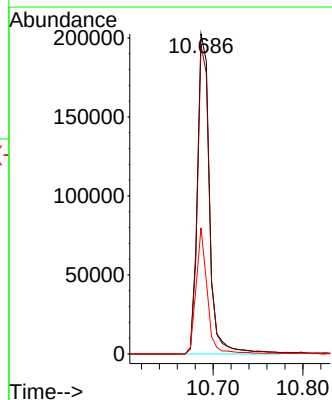
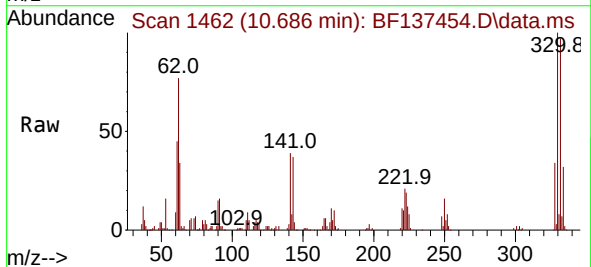
Instrument :
BNA_F
ClientSampleId :
SP-5

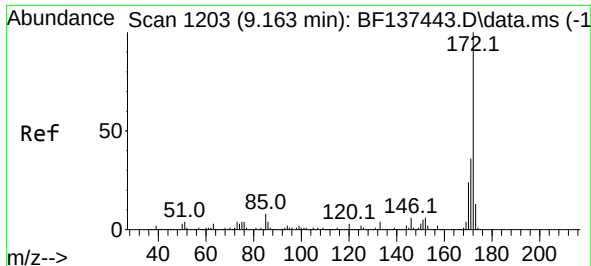
Tgt Ion:164 Resp: 314046
Ion Ratio Lower Upper
164 100
162 101.2 79.8 119.8
160 43.7 34.4 51.6



#42
2,4,6-Tribromophenol
Concen: 69.797 ng
RT: 10.686 min Scan# 1462
Delta R.T. -0.023 min
Lab File: BF137454.D
Acq: 01 Mar 2024 12:01

Tgt Ion:330 Resp: 192491
Ion Ratio Lower Upper
330 100
332 96.0 78.0 117.0
141 36.2 27.3 40.9





#45

2-Fluorobiphenyl

Concen: 58.906 ng

RT: 9.216 min Scan# 11

Delta R.T. -0.017 min

Lab File: BF137454.D

Acq: 01 Mar 2024 12:01

Instrument :

BNA_F

ClientSampleId :

SP-5

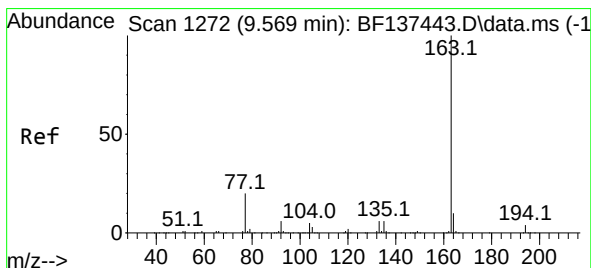
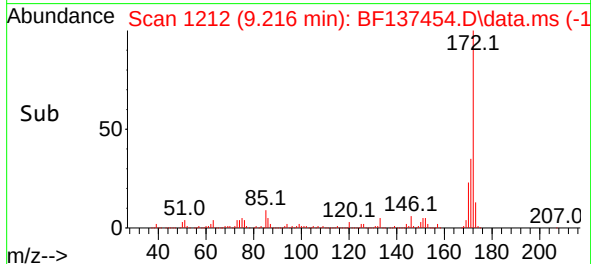
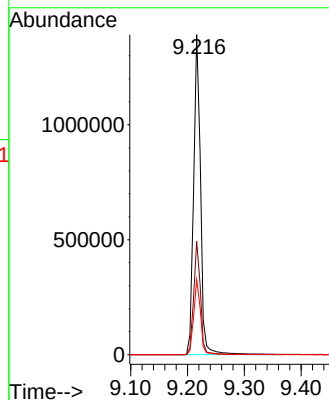
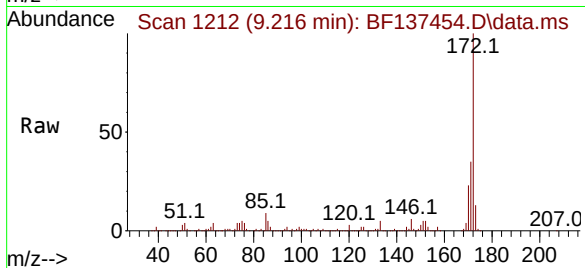
Tgt Ion:172 Resp: 1181778

Ion Ratio Lower Upper

172 100

171 35.4 28.5 42.7

170 23.4 19.0 28.6



#50

Dimethylphthalate

Concen: 2.122 ng

RT: 9.892 min Scan# 1327

Delta R.T. 0.247 min

Lab File: BF137454.D

Acq: 01 Mar 2024 12:01

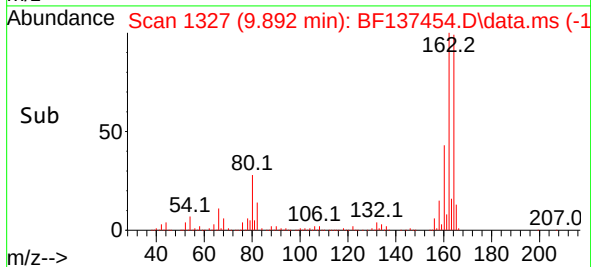
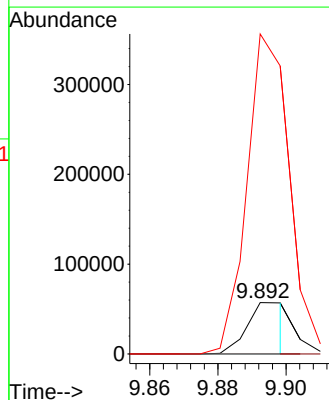
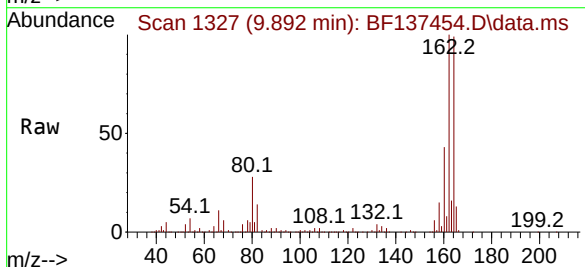
Tgt Ion:163 Resp: 46380

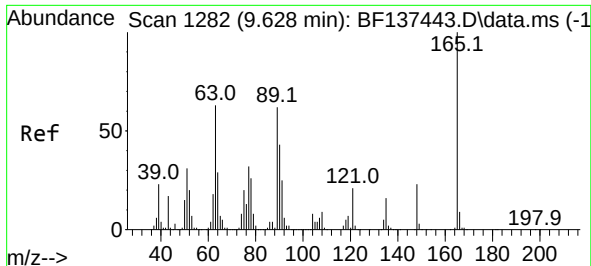
Ion Ratio Lower Upper

163 100

194 0.0 3.3 4.9#

164 622.5 8.1 12.1#

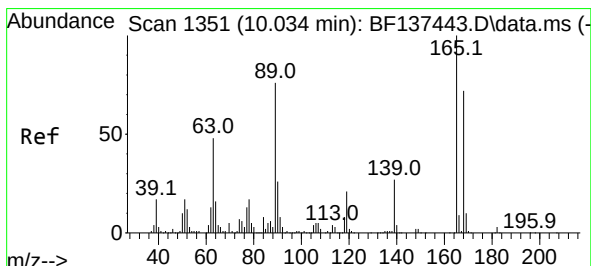
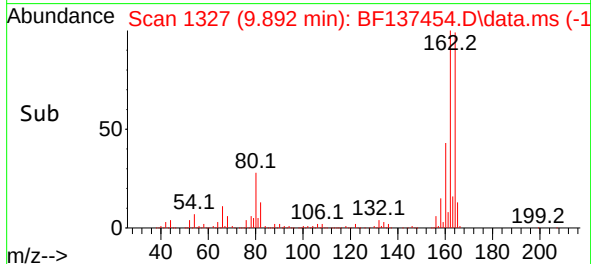
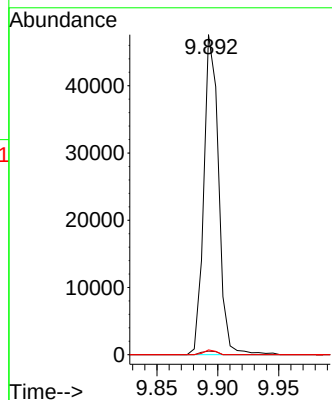
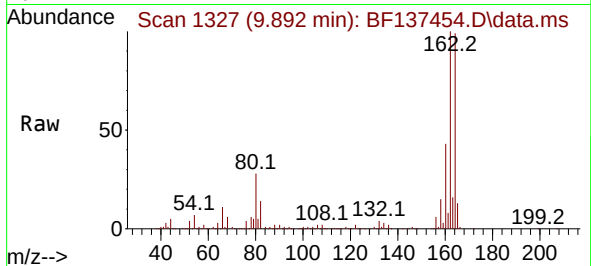




#51
2,6-Dinitrotoluene
Concen: 8.835 ng
RT: 9.892 min Scan# 1327
Delta R.T. 0.188 min
Lab File: BF137454.D
Acq: 01 Mar 2024 12:01

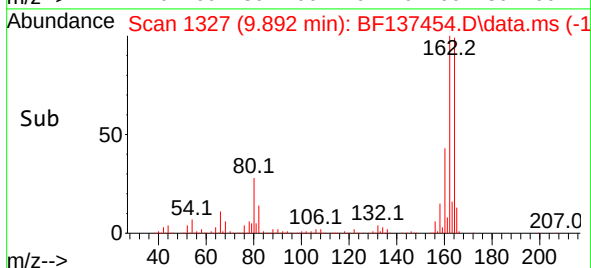
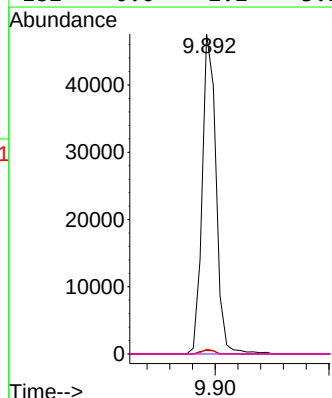
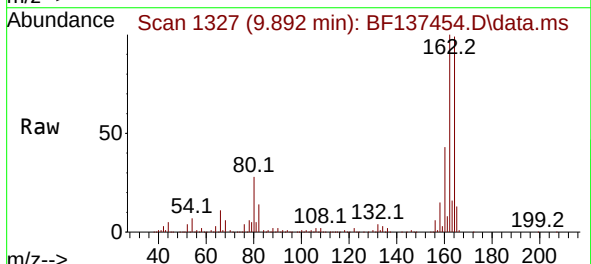
Instrument :
BNA_F
ClientSampleId :
SP-5

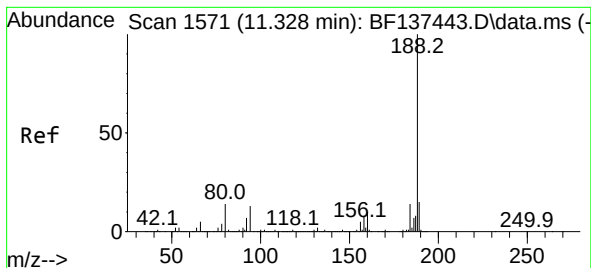
Tgt Ion:165 Resp: 40400
Ion Ratio Lower Upper
165 100
63 1.1 50.7 76.1#
89 1.5 50.0 75.0#



#57
2,4-Dinitrotoluene
Concen: 7.192 ng
RT: 9.892 min Scan# 1327
Delta R.T. -0.217 min
Lab File: BF137454.D
Acq: 01 Mar 2024 12:01

Tgt Ion:165 Resp: 40400
Ion Ratio Lower Upper
165 100
63 1.1 39.0 58.6#
89 1.5 60.9 91.3#
182 0.0 2.2 3.2#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.392 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF137454.D

Acq: 01 Mar 2024 12:01

Instrument :

BNA_F

ClientSampleId :

SP-5

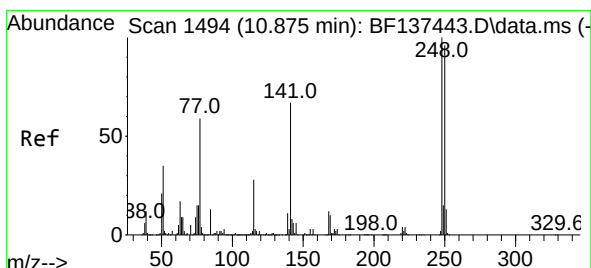
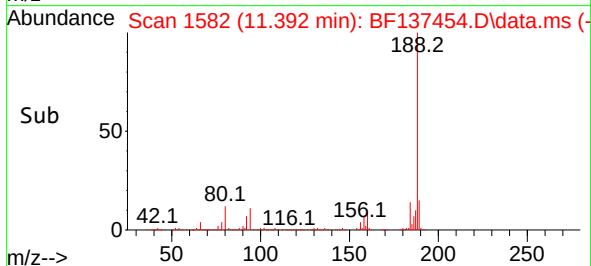
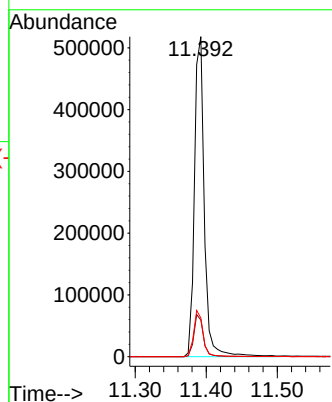
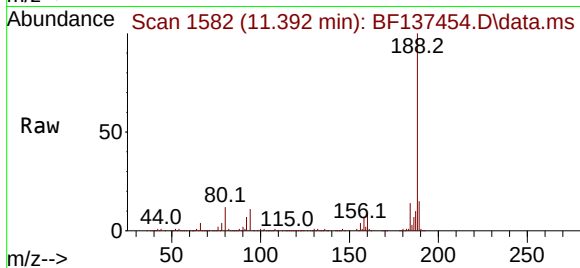
Tgt Ion:188 Resp: 500570

Ion Ratio Lower Upper

188 100

94 11.5 10.6 15.8

80 12.1 11.5 17.3



#67

4-Bromophenyl-phenylether

Concen: 2.361 ng

RT: 10.686 min Scan# 1462

Delta R.T. -0.265 min

Lab File: BF137454.D

Acq: 01 Mar 2024 12:01

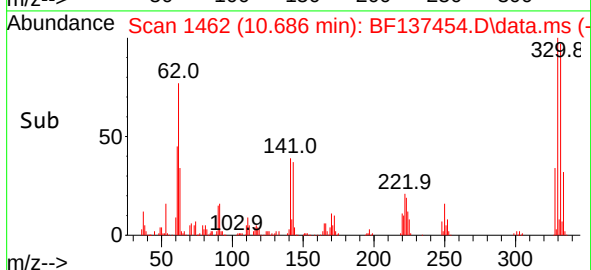
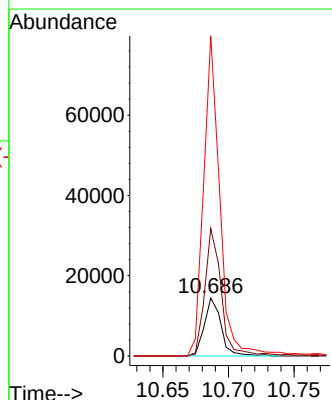
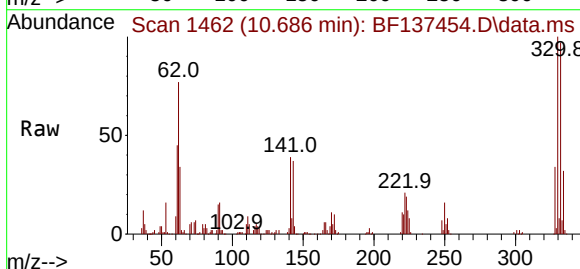
Tgt Ion:248 Resp: 12872

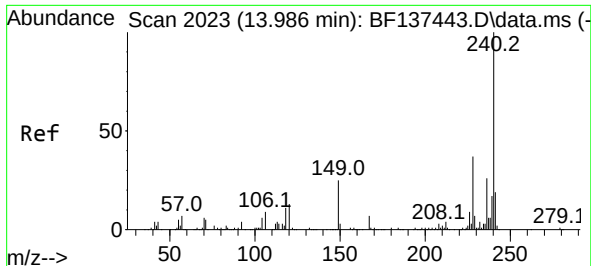
Ion Ratio Lower Upper

248 100

250 219.5 76.8 115.2#

141 551.8 53.4 80.0#

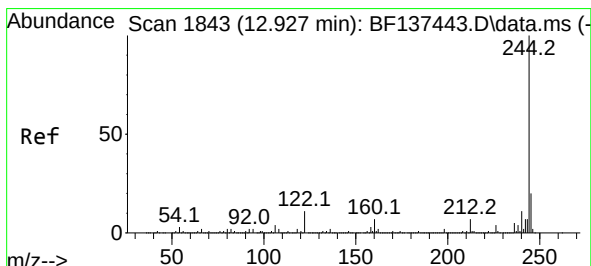
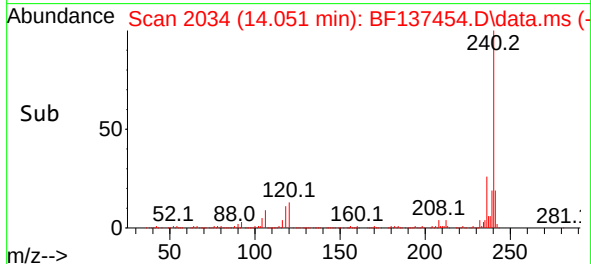
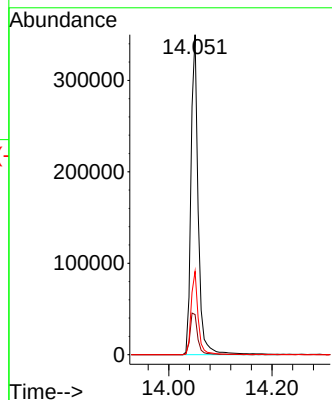
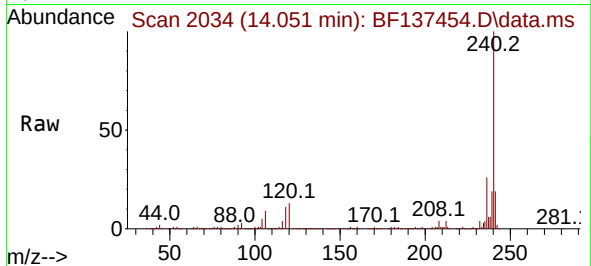




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.051 min Scan# 20
Delta R.T. -0.017 min
Lab File: BF137454.D
Acq: 01 Mar 2024 12:01

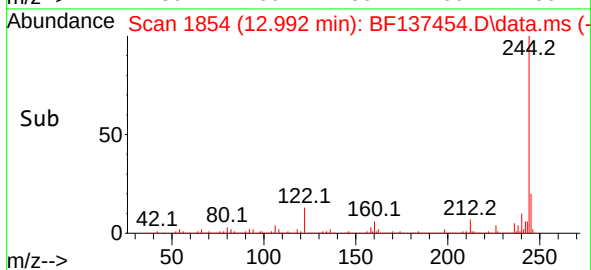
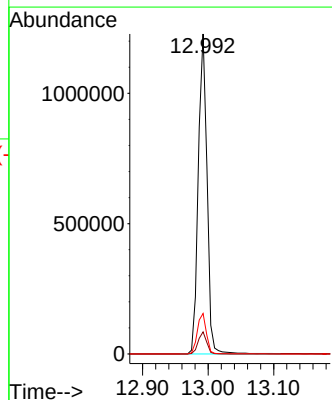
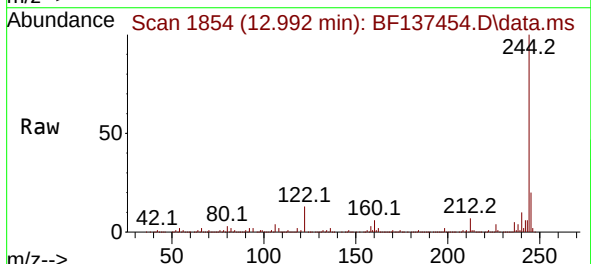
Instrument :
BNA_F
ClientSampleId :
SP-5

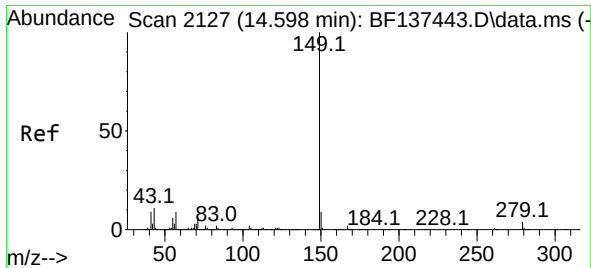
Tgt Ion:240 Resp: 339709
Ion Ratio Lower Upper
240 100
120 12.6 10.4 15.6
236 26.1 20.9 31.3



#79
Terphenyl-d14
Concen: 46.375 ng
RT: 12.992 min Scan# 1854
Delta R.T. -0.017 min
Lab File: BF137454.D
Acq: 01 Mar 2024 12:01

Tgt Ion:244 Resp: 1145656
Ion Ratio Lower Upper
244 100
212 6.9 5.4 8.2
122 12.7 9.1 13.7

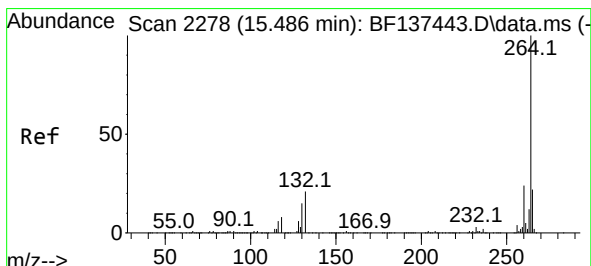
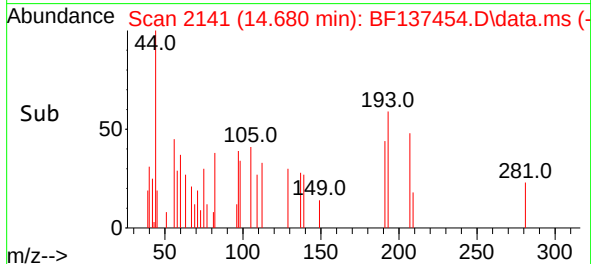
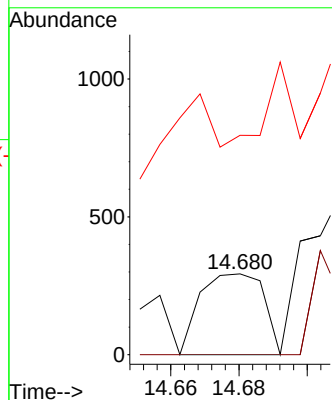
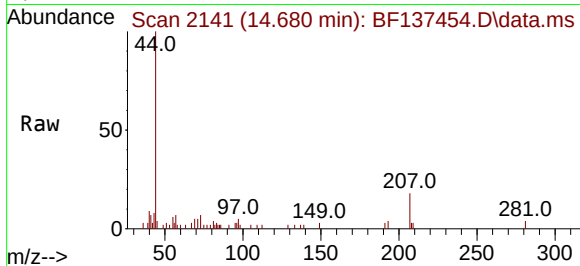




#85
Di-n-octyl phthalate
Concen: 5.623 ng
RT: 14.680 min Scan# 2127
Delta R.T. -0.006 min
Lab File: BF137454.D
Acq: 01 Mar 2024 12:01

Instrument :
BNA_F
ClientSampleId :
SP-5

Tgt Ion:149 Resp: 379
Ion Ratio Lower Upper
149 100
167 0.0 1.2 1.8#
43 72.0 9.6 14.4#



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.580 min Scan# 2294
Delta R.T. -0.017 min
Lab File: BF137454.D
Acq: 01 Mar 2024 12:01

Tgt Ion:264 Resp: 294932
Ion Ratio Lower Upper
264 100
260 24.1 19.3 28.9
265 21.8 17.4 26.0

