

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030124\
 Data File : BF137459.D
 Acq On : 01 Mar 2024 15:16
 Operator : CG\JU
 Sample : P1659-05
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-7

Quant Time: Mar 01 15:46:03 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)

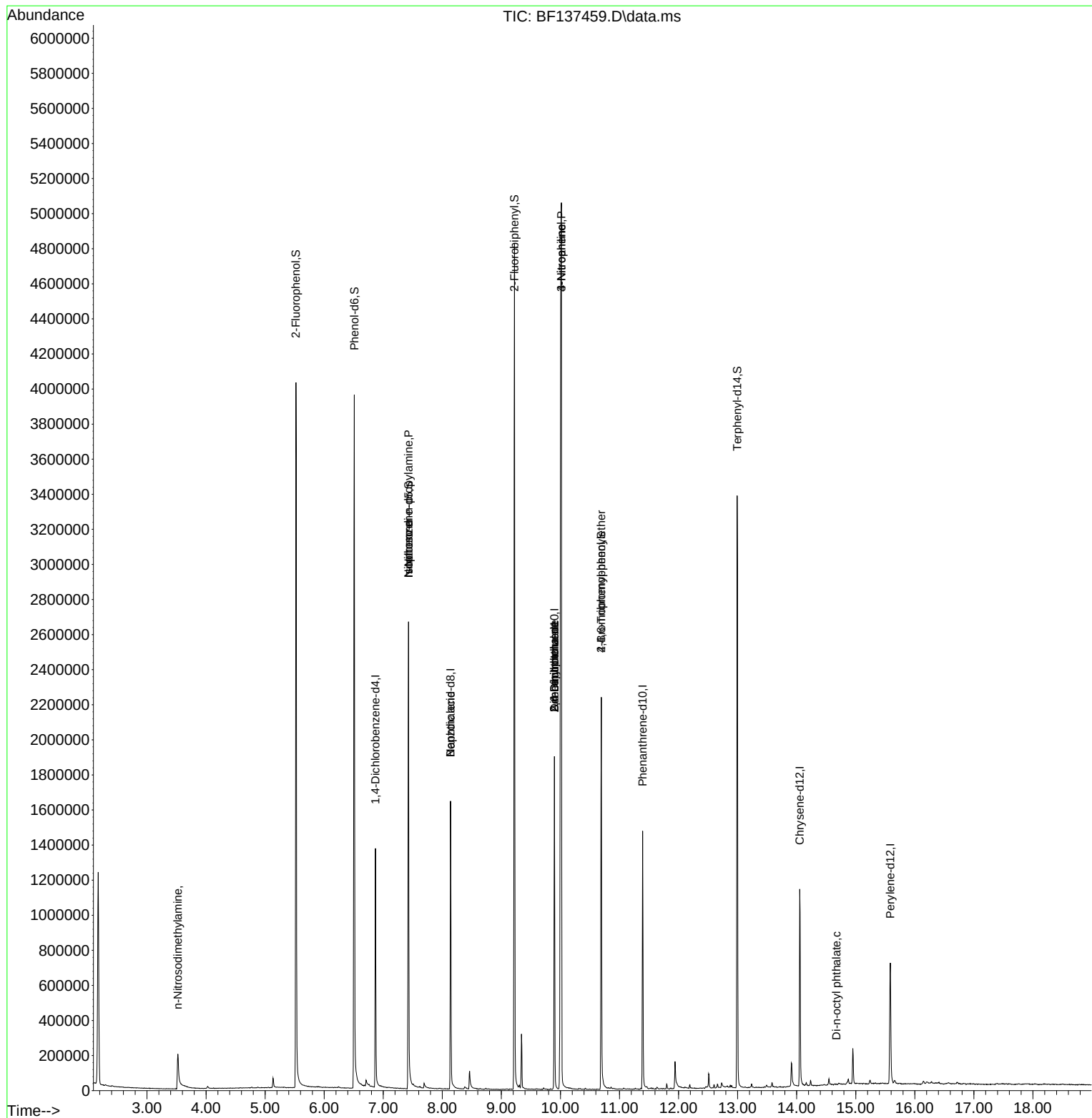
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	186681	20.000	ng	-0.01
21) Naphthalene-d8	8.139	136	698360	20.000	ng	-0.02
39) Acenaphthene-d10	9.898	164	352956	20.000	ng	-0.02
64) Phenanthrene-d10	11.392	188	514017	20.000	ng	-0.01
76) Chrysene-d12	14.051	240	401313	20.000	ng	-0.02
86) Perylene-d12	15.586	264	346277	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	1101104	89.332	ng	-0.01
7) Phenol-d6	6.510	99	1479181	83.137	ng	-0.02
23) Nitrobenzene-d5	7.428	82	876784	58.335	ng	-0.02
42) 2,4,6-Tribromophenol	10.692	330	234176	75.551	ng	-0.02
45) 2-Fluorobiphenyl	9.222	172	1426023	63.244	ng	-0.01
79) Terphenyl-d14	12.992	244	1183780	40.562	ng	-0.02
Target Compounds						Qvalue
4) n-Nitrosodimethylamine	3.522	42	9150	5.088	ng	# 1
19) n-Nitroso-di-n-propyla...	7.428	70	115605	10.522	ng	# 81
25) Isophorone	7.428	82	876784	30.706	ng	# 69
32) Benzoic acid	8.139	122	61	6.307	ng	# 1
50) Dimethylphthalate	9.898	163	54986	2.238	ng	# 1
51) 2,6-Dinitrotoluene	9.898	165	45445	8.843	ng	# 20
53) 3-Nitroaniline	10.016	138	42221	7.767	ng	# 1
56) 4-Nitrophenol	10.016	139	5681	5.912	ng	# 1
57) 2,4-Dinitrotoluene	9.898	165	45505	7.207	ng	# 21
67) 4-Bromophenyl-phenylether	10.692	248	16357	2.922	ng	# 1
85) Di-n-octyl phthalate	14.674	149	500	5.625	ng	# 1

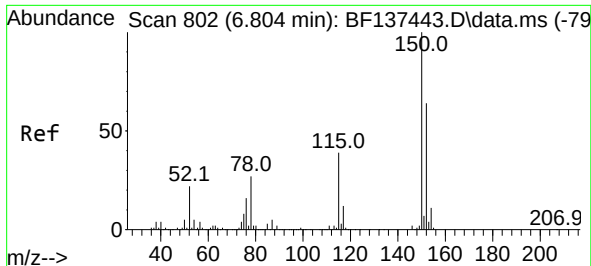
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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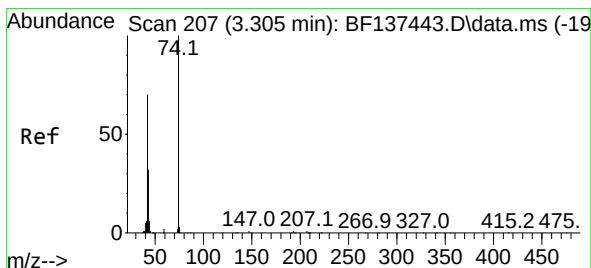
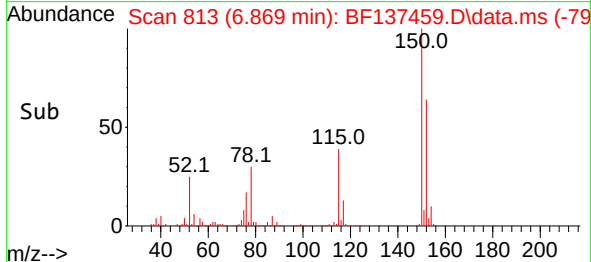
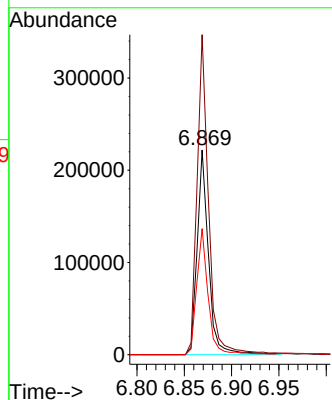
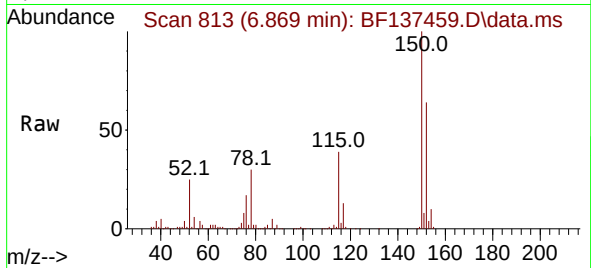




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.869 min Scan# 81
Delta R.T. -0.012 min
Lab File: BF137459.D
Acq: 01 Mar 2024 15:16

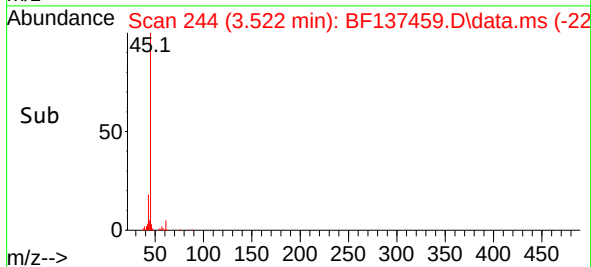
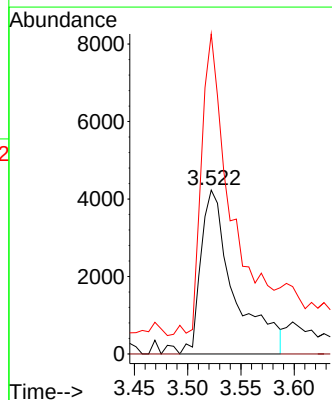
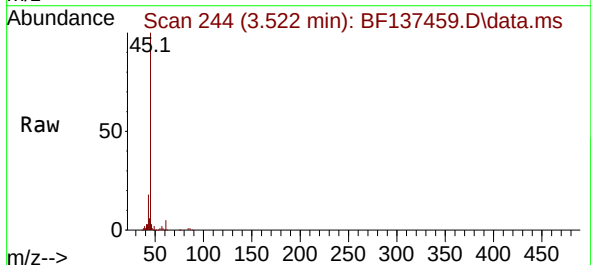
Instrument :
BNA_F
ClientSampleId :
TP-7

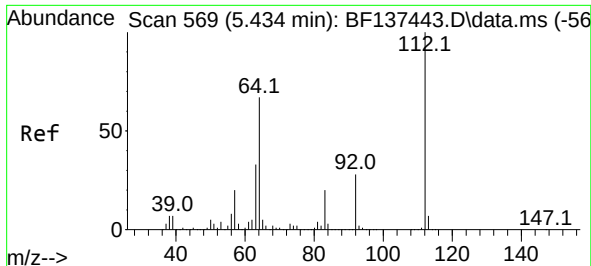
Tgt Ion:152 Resp: 186681
Ion Ratio Lower Upper
152 100
150 156.4 125.8 188.6
115 61.6 48.8 73.2



#4
n-Nitrosodimethylamine
Concen: 5.088 ng
RT: 3.522 min Scan# 244
Delta R.T. 0.024 min
Lab File: BF137459.D
Acq: 01 Mar 2024 15:16

Tgt Ion: 42 Resp: 9150
Ion Ratio Lower Upper
42 100
74 0.0 114.0 171.0#
44 195.3 7.0 10.4#

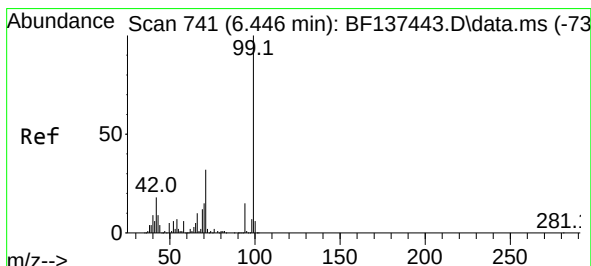
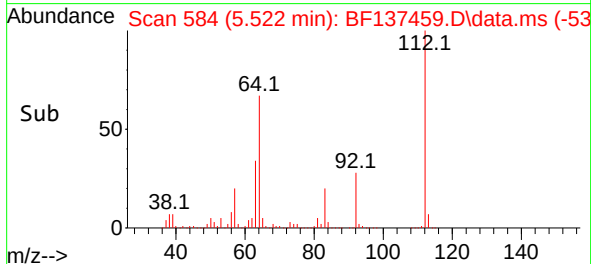
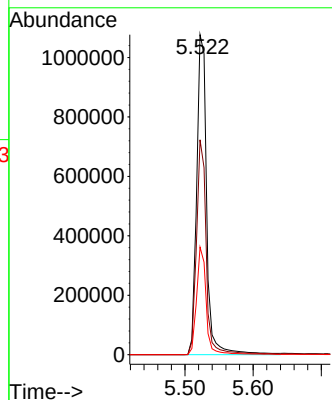
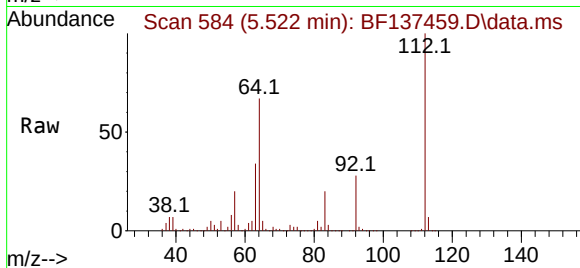




#5
2-Fluorophenol
Concen: 89.332 ng
RT: 5.522 min Scan# 51
Delta R.T. -0.012 min
Lab File: BF137459.D
Acq: 01 Mar 2024 15:16

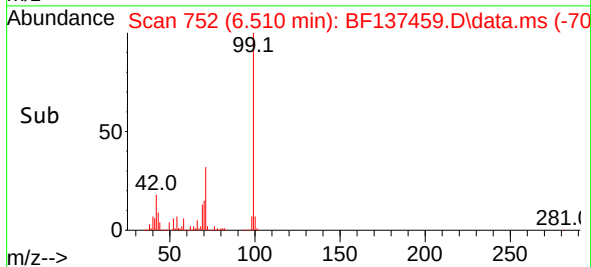
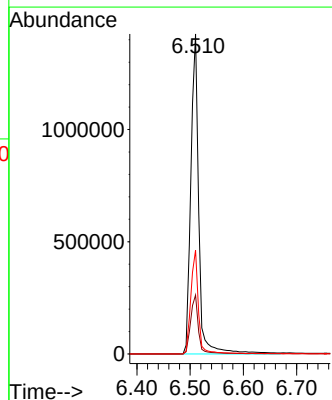
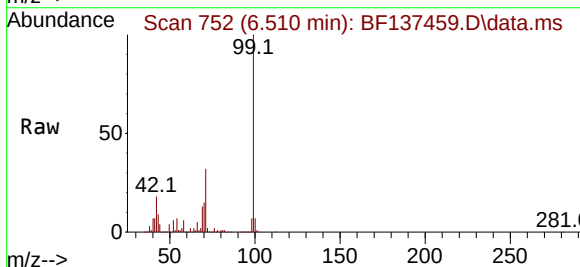
Instrument :
BNA_F
ClientSampleId :
TP-7

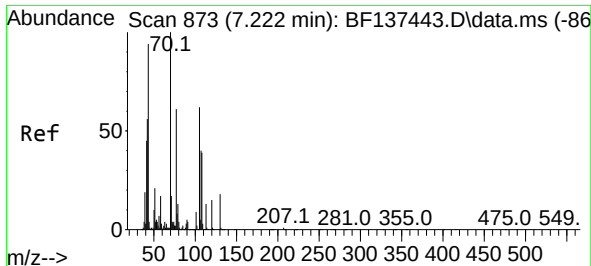
Tgt Ion:112 Resp: 1101104
Ion Ratio Lower Upper
112 100
64 67.2 53.4 80.2
63 33.6 26.2 39.2



#7
Phenol-d6
Concen: 83.137 ng
RT: 6.510 min Scan# 752
Delta R.T. -0.018 min
Lab File: BF137459.D
Acq: 01 Mar 2024 15:16

Tgt Ion: 99 Resp: 1479181
Ion Ratio Lower Upper
99 100
42 18.4 14.6 21.8
71 32.5 25.3 37.9

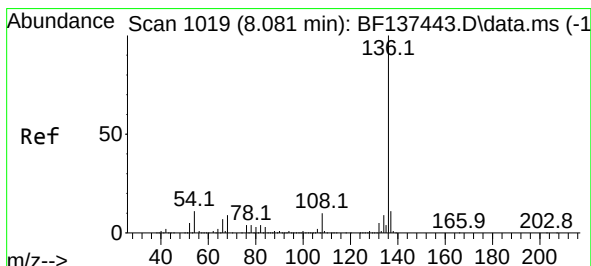
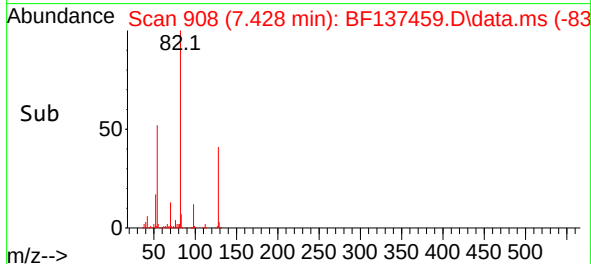
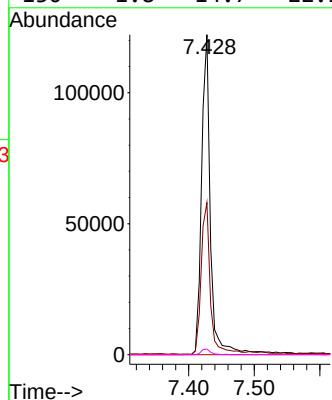
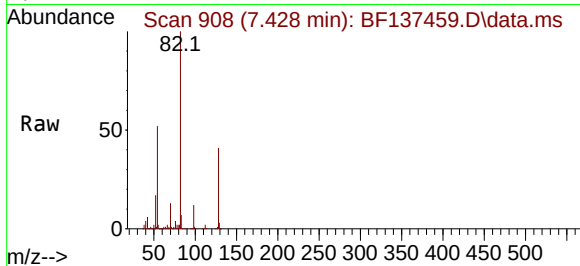




#19
n-Nitroso-di-n-propylamine
Concen: 10.522 ng
RT: 7.428 min Scan# 90
Delta R.T. 0.129 min
Lab File: BF137459.D
Acq: 01 Mar 2024 15:16

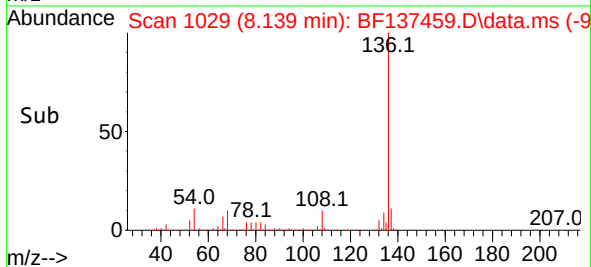
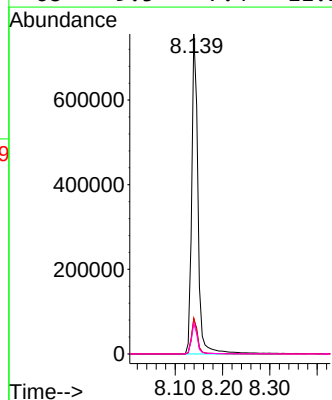
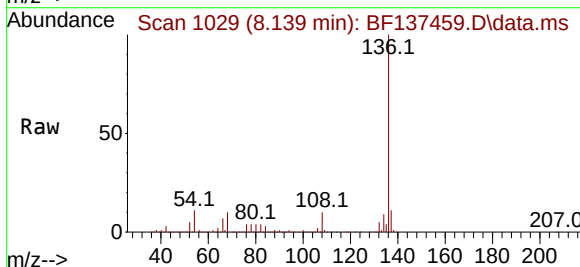
Instrument :
BNA_F
ClientSampleId :
TP-7

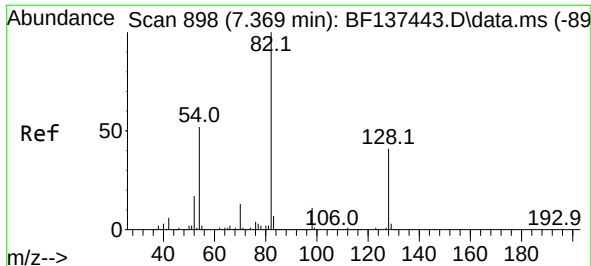
Tgt Ion: 70 Resp: 115605
Ion Ratio Lower Upper
70 100
42 47.5 45.2 67.8
101 0.0 7.3 10.9#
130 1.8 14.7 22.1#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.139 min Scan# 1029
Delta R.T. -0.018 min
Lab File: BF137459.D
Acq: 01 Mar 2024 15:16

Tgt Ion:136 Resp: 698360
Ion Ratio Lower Upper
136 100
137 11.0 9.1 13.7
54 11.1 8.5 12.7
68 9.5 7.4 11.2





#23

Nitrobenzene-d5

Concen: 58.335 ng

RT: 7.428 min Scan# 908

Delta R.T. -0.018 min

Lab File: BF137459.D

Acq: 01 Mar 2024 15:16

Instrument :

BNA_F

ClientSampleId :

TP-7

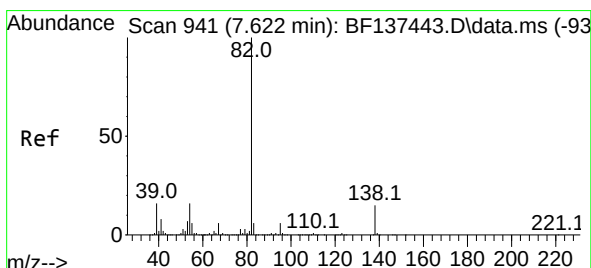
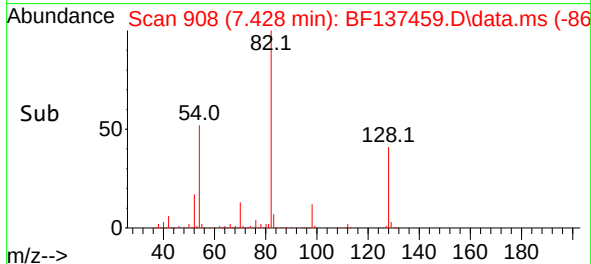
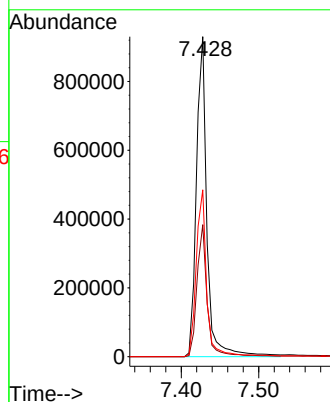
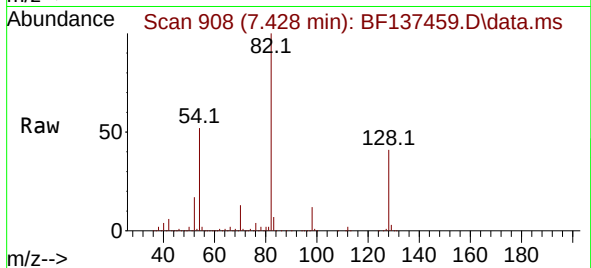
Tgt Ion: 82 Resp: 876784

Ion Ratio Lower Upper

82 100

128 41.2 32.5 48.7

54 52.1 41.5 62.3



#25

Isophorone

Concen: 30.706 ng

RT: 7.428 min Scan# 908

Delta R.T. -0.271 min

Lab File: BF137459.D

Acq: 01 Mar 2024 15:16

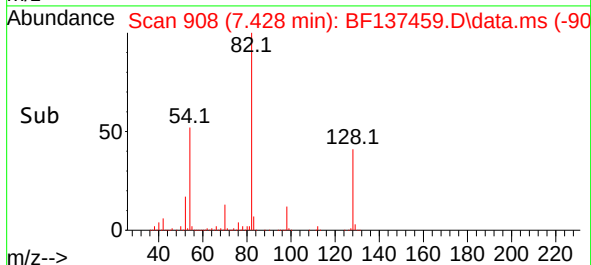
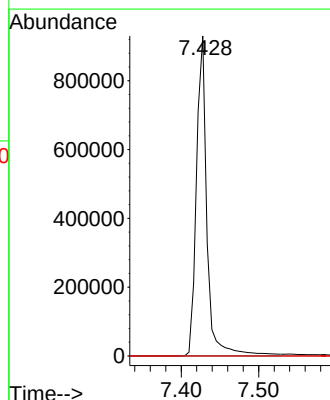
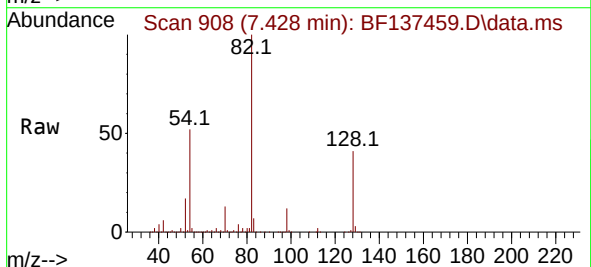
Tgt Ion: 82 Resp: 876784

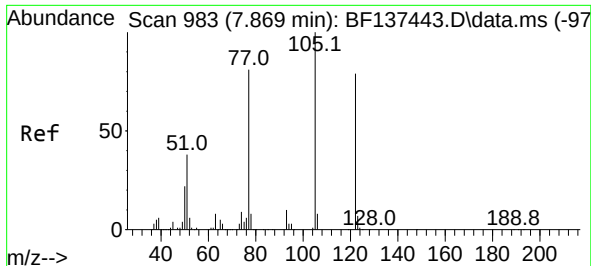
Ion Ratio Lower Upper

82 100

95 0.0 5.1 7.7#

138 0.0 11.8 17.8#

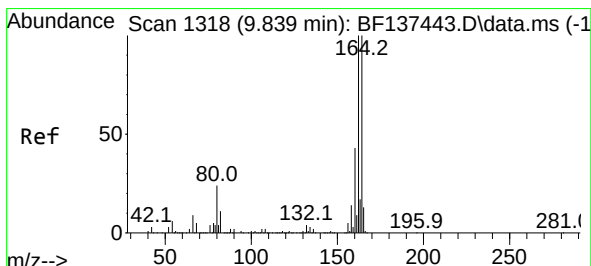
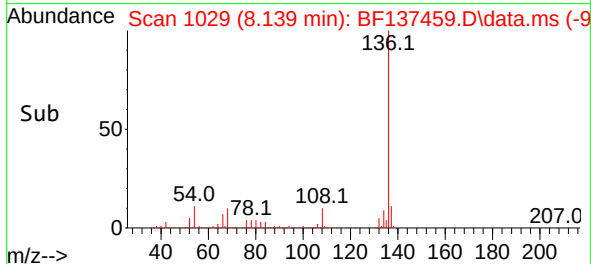
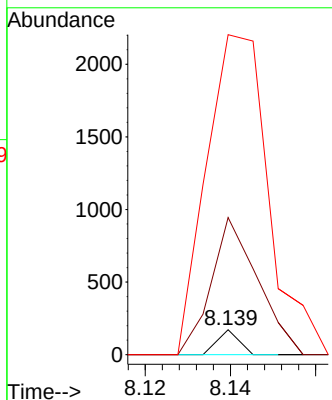
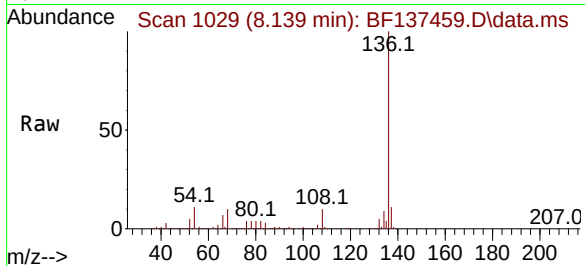




#32
Benzoic acid
Concen: 6.307 ng
RT: 8.139 min Scan# 1029
Delta R.T. 0.194 min
Lab File: BF137459.D
Acq: 01 Mar 2024 15:16

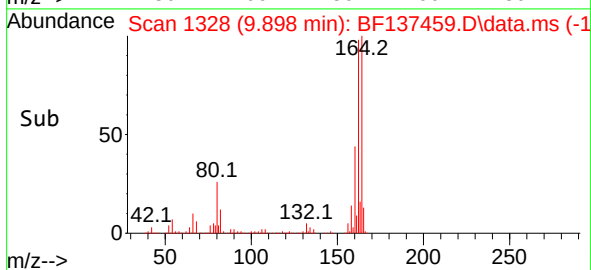
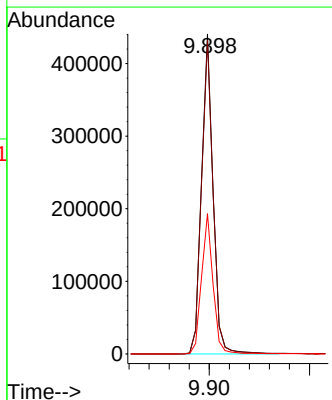
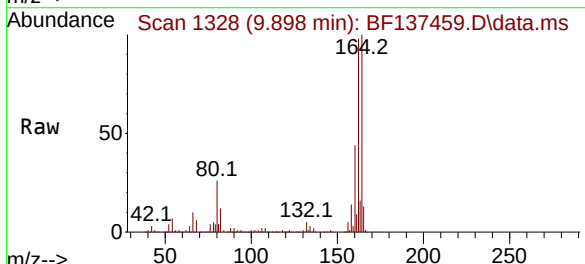
Instrument :
BNA_F
ClientSampleId :
TP-7

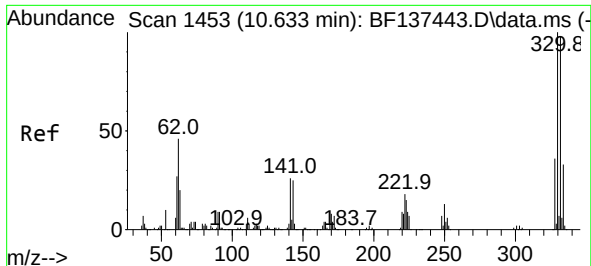
Tgt Ion:122 Resp: 61
Ion Ratio Lower Upper
122 100
105 548.8 102.4 142.4#
77 1281.4 81.1 121.1#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.898 min Scan# 1328
Delta R.T. -0.018 min
Lab File: BF137459.D
Acq: 01 Mar 2024 15:16

Tgt Ion:164 Resp: 352956
Ion Ratio Lower Upper
164 100
162 98.0 79.8 119.8
160 43.8 34.4 51.6





#42

2,4,6-Tribromophenol

Concen: 75.551 ng

RT: 10.692 min Scan# 1463

Delta R.T. -0.018 min

Lab File: BF137459.D

Acq: 01 Mar 2024 15:16

Instrument :

BNA_F

ClientSampleId :

TP-7

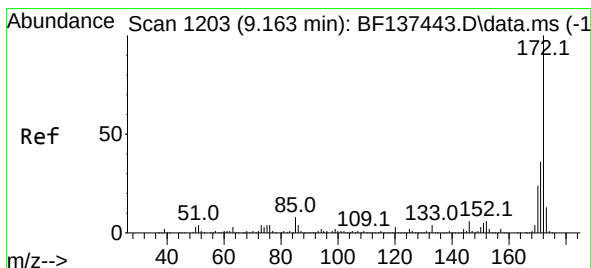
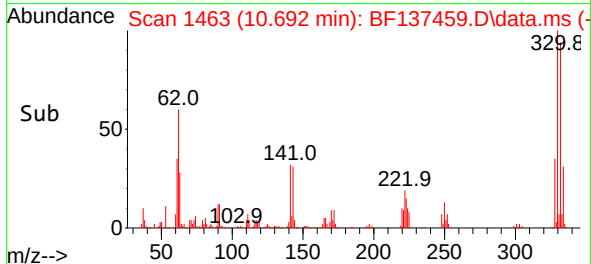
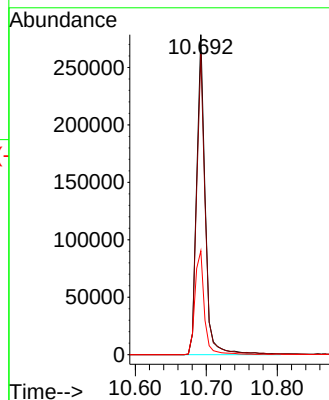
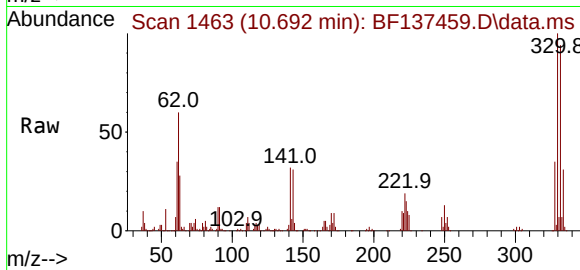
Tgt Ion:330 Resp: 234176

Ion Ratio Lower Upper

330 100

332 95.4 78.0 117.0

141 35.7 27.3 40.9



#45

2-Fluorobiphenyl

Concen: 63.244 ng

RT: 9.222 min Scan# 1213

Delta R.T. -0.012 min

Lab File: BF137459.D

Acq: 01 Mar 2024 15:16

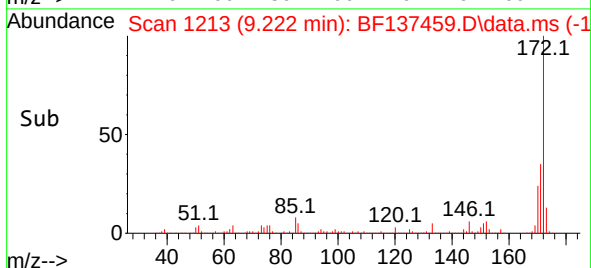
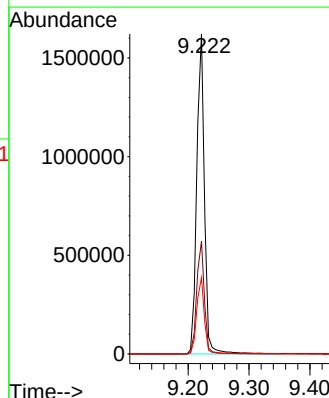
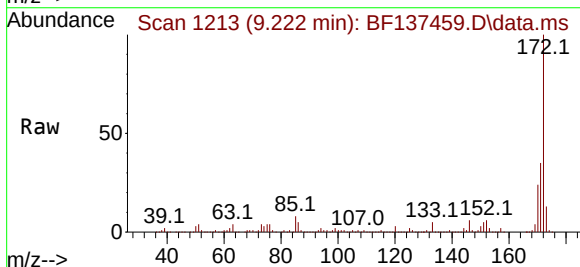
Tgt Ion:172 Resp: 1426023

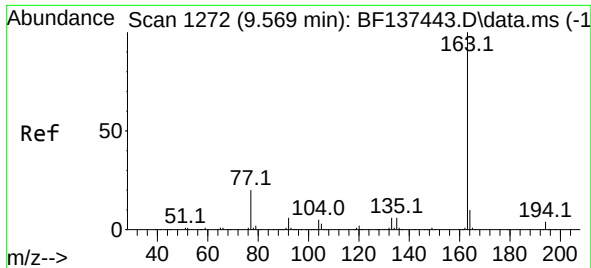
Ion Ratio Lower Upper

172 100

171 35.3 28.5 42.7

170 23.9 19.0 28.6

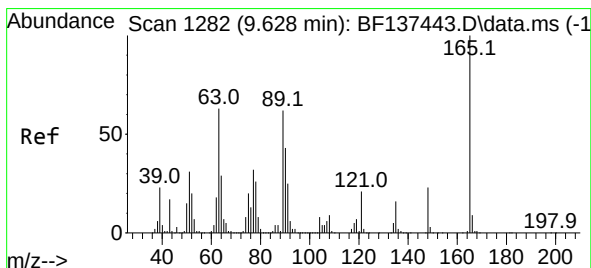
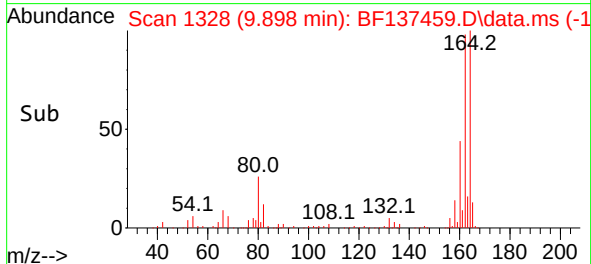
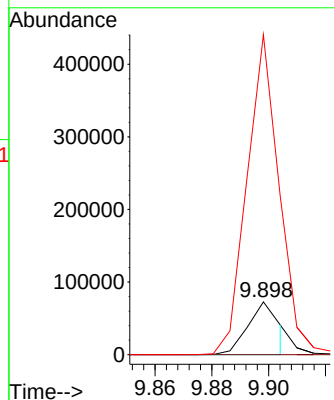
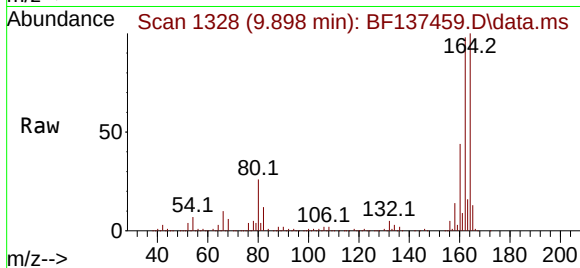




#50
Dimethylphthalate
Concen: 2.238 ng
RT: 9.898 min Scan# 11
Delta R.T. 0.253 min
Lab File: BF137459.D
Acq: 01 Mar 2024 15:16

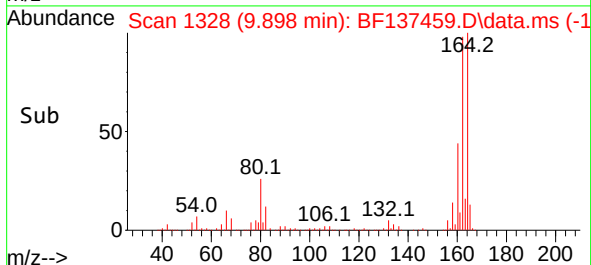
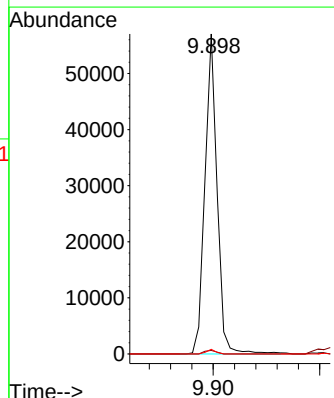
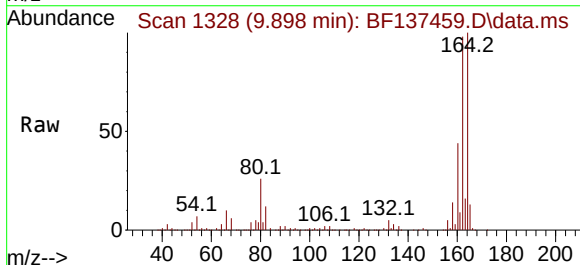
Instrument :
BNA_F
ClientSampleId :
TP-7

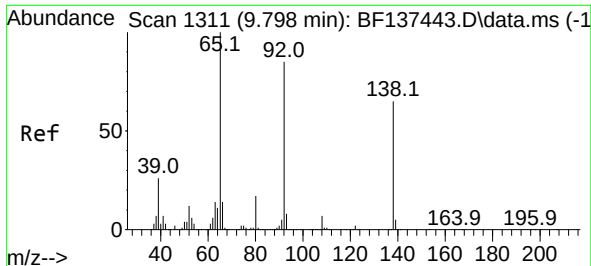
Tgt Ion:163 Resp: 54986
Ion Ratio Lower Upper
163 100
194 0.0 3.3 4.9#
164 606.4 8.1 12.1#



#51
2,6-Dinitrotoluene
Concen: 8.843 ng
RT: 9.898 min Scan# 1328
Delta R.T. 0.194 min
Lab File: BF137459.D
Acq: 01 Mar 2024 15:16

Tgt Ion:165 Resp: 45445
Ion Ratio Lower Upper
165 100
63 1.1 50.7 76.1#
89 1.4 50.0 75.0#

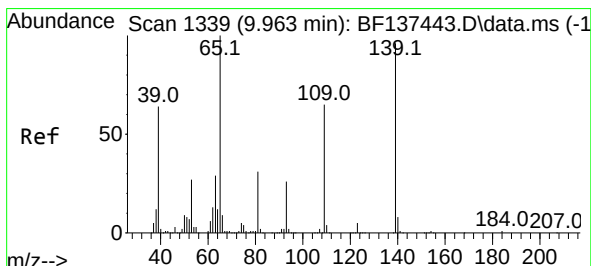
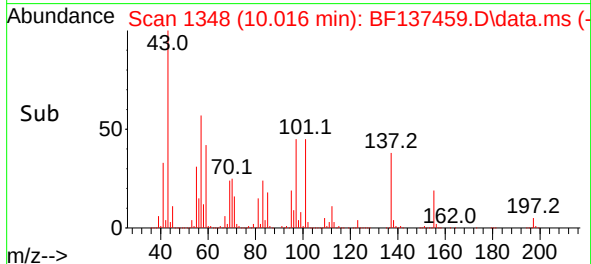
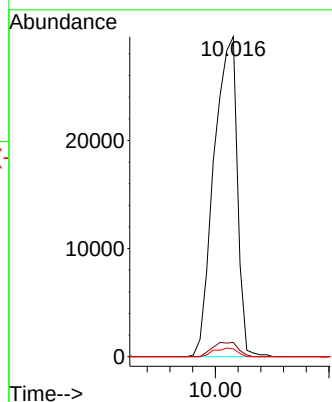
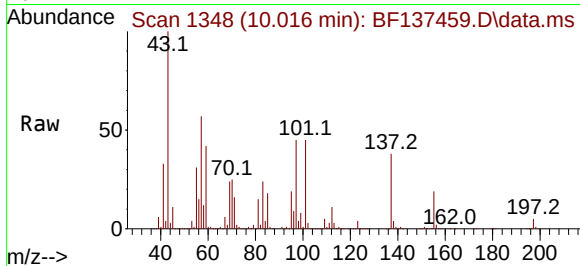




#53
3-Nitroaniline
Concen: 7.767 ng
RT: 10.016 min Scan# 1311
Delta R.T. 0.141 min
Lab File: BF137459.D
Acq: 01 Mar 2024 15:16

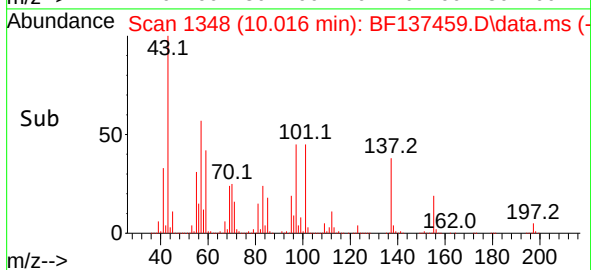
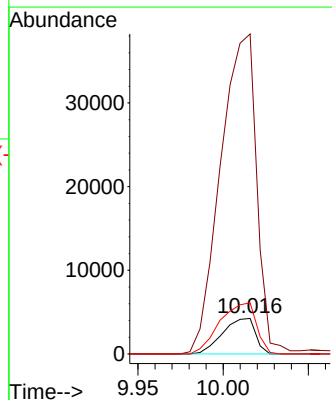
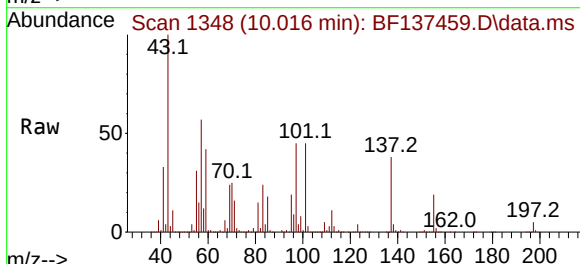
Instrument :
BNA_F
ClientSampleId :
TP-7

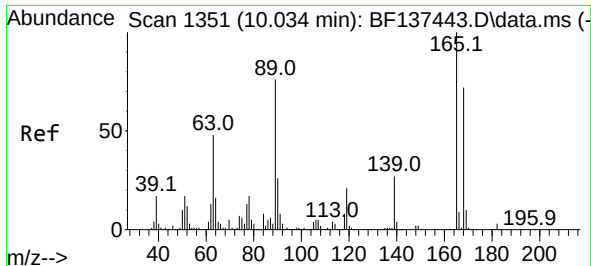
Tgt Ion:138 Resp: 42221
Ion Ratio Lower Upper
138 100
108 4.5 9.1 13.7#
92 2.4 104.6 157.0#



#56
4-Nitrophenol
Concen: 5.912 ng
RT: 10.016 min Scan# 1348
Delta R.T. -0.023 min
Lab File: BF137459.D
Acq: 01 Mar 2024 15:16

Tgt Ion:139 Resp: 5681
Ion Ratio Lower Upper
139 100
109 899.7 47.1 87.1#
65 144.0 85.1 125.1#

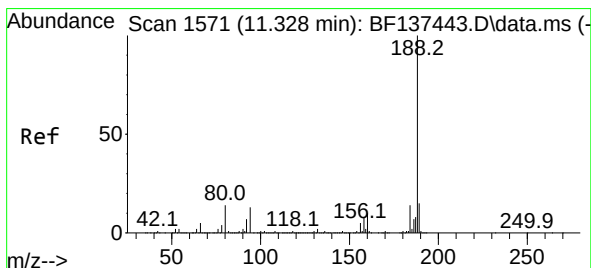
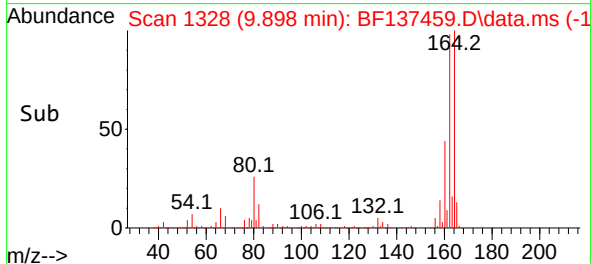
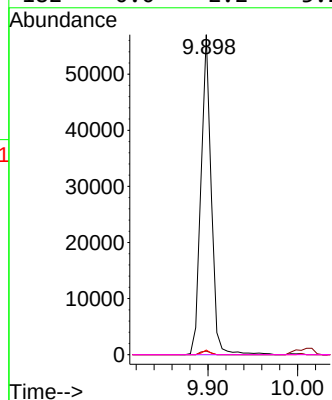
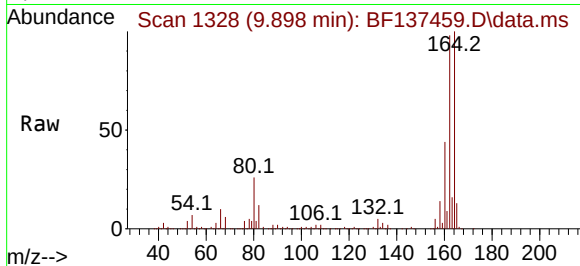




#57
2,4-Dinitrotoluene
Concen: 7.207 ng
RT: 9.898 min Scan# 11
Delta R.T. -0.212 min
Lab File: BF137459.D
Acq: 01 Mar 2024 15:16

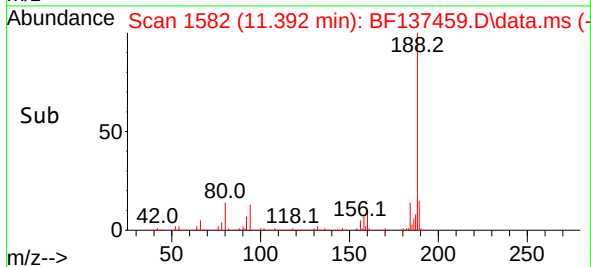
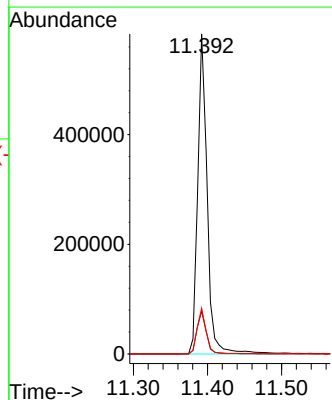
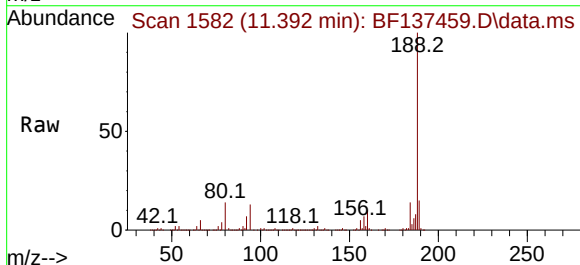
Instrument :
BNA_F
ClientSampleId :
TP-7

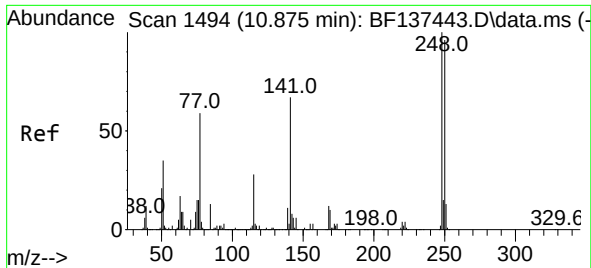
Tgt Ion:165 Resp: 45505
Ion Ratio Lower Upper
165 100
63 1.1 39.0 58.6#
89 1.4 60.9 91.3#
182 0.0 2.2 3.2#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.392 min Scan# 1582
Delta R.T. -0.012 min
Lab File: BF137459.D
Acq: 01 Mar 2024 15:16

Tgt Ion:188 Resp: 514017
Ion Ratio Lower Upper
188 100
94 13.3 10.6 15.8
80 14.3 11.5 17.3

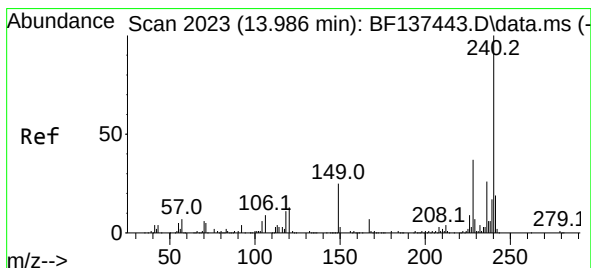
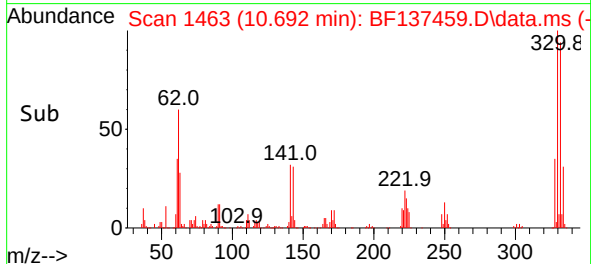
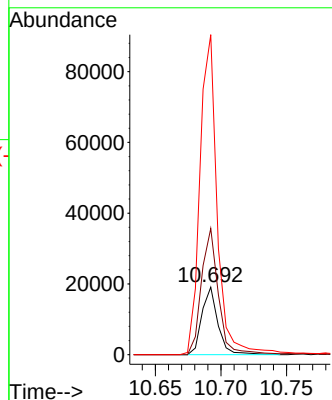
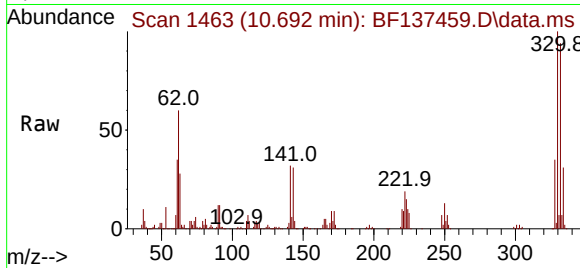




#67
4-Bromophenyl-phenylether
Concen: 2.922 ng
RT: 10.692 min Scan# 14
Delta R.T. -0.259 min
Lab File: BF137459.D
Acq: 01 Mar 2024 15:16

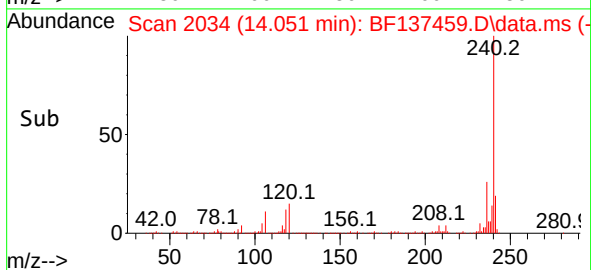
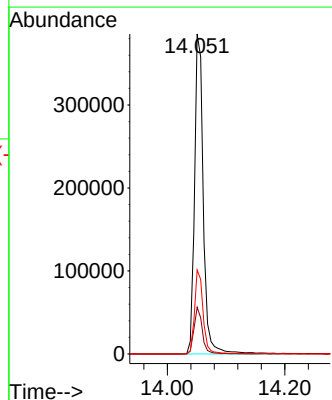
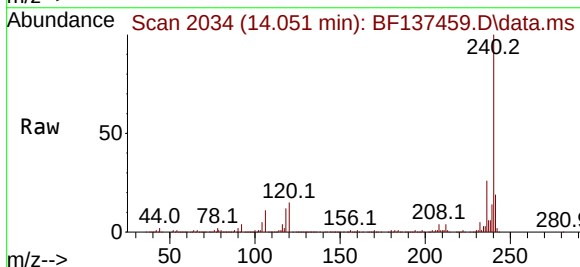
Instrument :
BNA_F
ClientSampleId :
TP-7

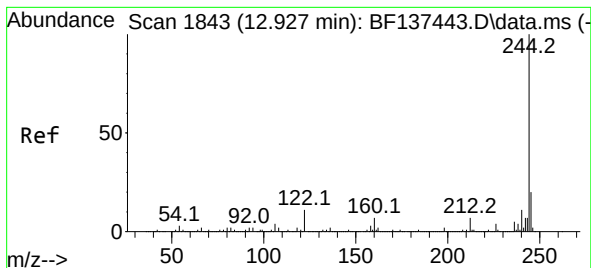
Tgt Ion:248 Resp: 16357
Ion Ratio Lower Upper
248 100
250 187.0 76.8 115.2#
141 473.7 53.4 80.0#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.051 min Scan# 2034
Delta R.T. -0.018 min
Lab File: BF137459.D
Acq: 01 Mar 2024 15:16

Tgt Ion:240 Resp: 401313
Ion Ratio Lower Upper
240 100
120 14.6 10.4 15.6
236 26.3 20.9 31.3





#79

Terphenyl-d14

Concen: 40.562 ng

RT: 12.992 min Scan# 11

Delta R.T. -0.018 min

Lab File: BF137459.D

Acq: 01 Mar 2024 15:16

Instrument :

BNA_F

ClientSampleId :

TP-7

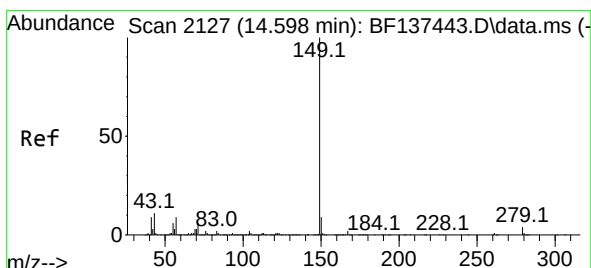
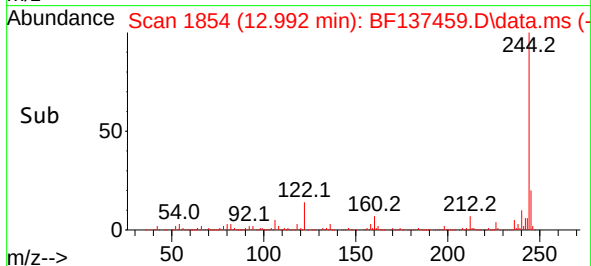
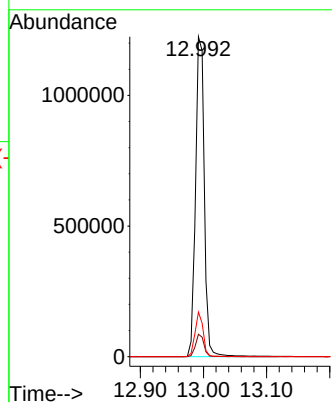
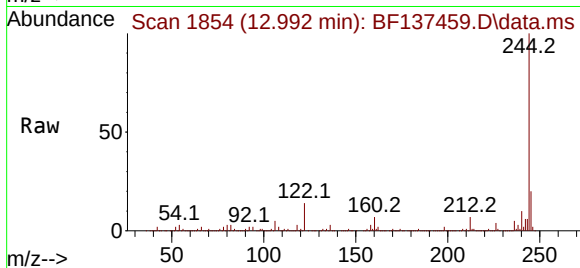
Tgt Ion:244 Resp: 1183780

Ion Ratio Lower Upper

244 100

212 7.0 5.4 8.2

122 13.9 9.1 13.7#



#85

Di-n-octyl phthalate

Concen: 5.625 ng

RT: 14.674 min Scan# 2140

Delta R.T. -0.012 min

Lab File: BF137459.D

Acq: 01 Mar 2024 15:16

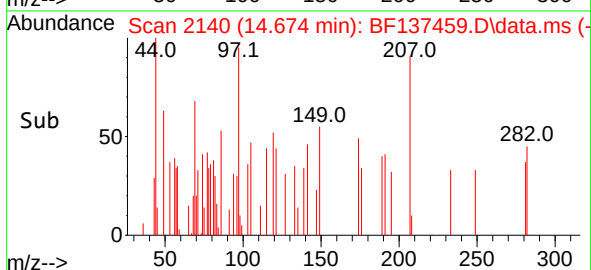
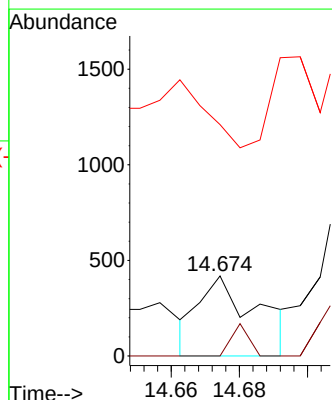
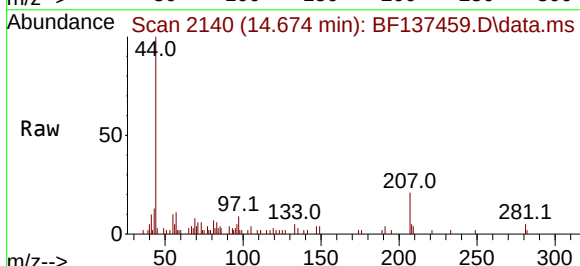
Tgt Ion:149 Resp: 500

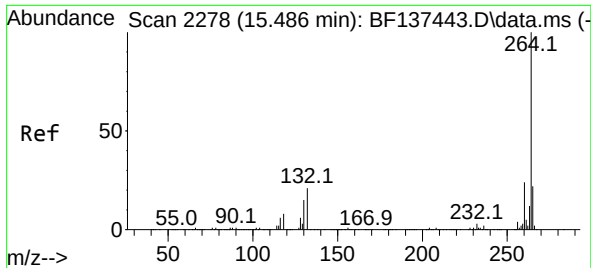
Ion Ratio Lower Upper

149 100

167 12.0 1.2 1.8#

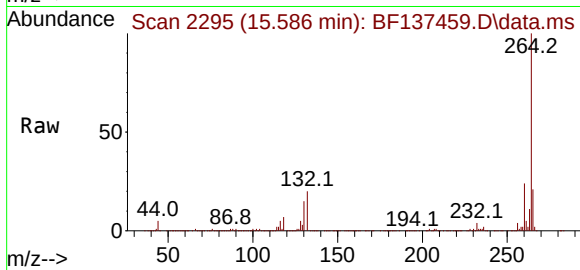
43 66.8 9.6 14.4#





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.586 min Scan# 21
 Delta R.T. -0.012 min
 Lab File: BF137459.D
 Acq: 01 Mar 2024 15:16

Instrument :
 BNA_F
 ClientSampleId :
 TP-7



Tgt Ion:264 Resp: 346277
 Ion Ratio Lower Upper
 264 100
 260 24.4 19.3 28.9
 265 21.3 17.4 26.0

