

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020224\
 Data File : BF137250.D
 Acq On : 02 Feb 2024 11:16
 Operator : CG\JU
 Sample : P1311-06
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-3

Quant Time: Feb 02 11:46:34 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF013024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 31 04:56:22 2024
 Response via : Initial Calibration

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

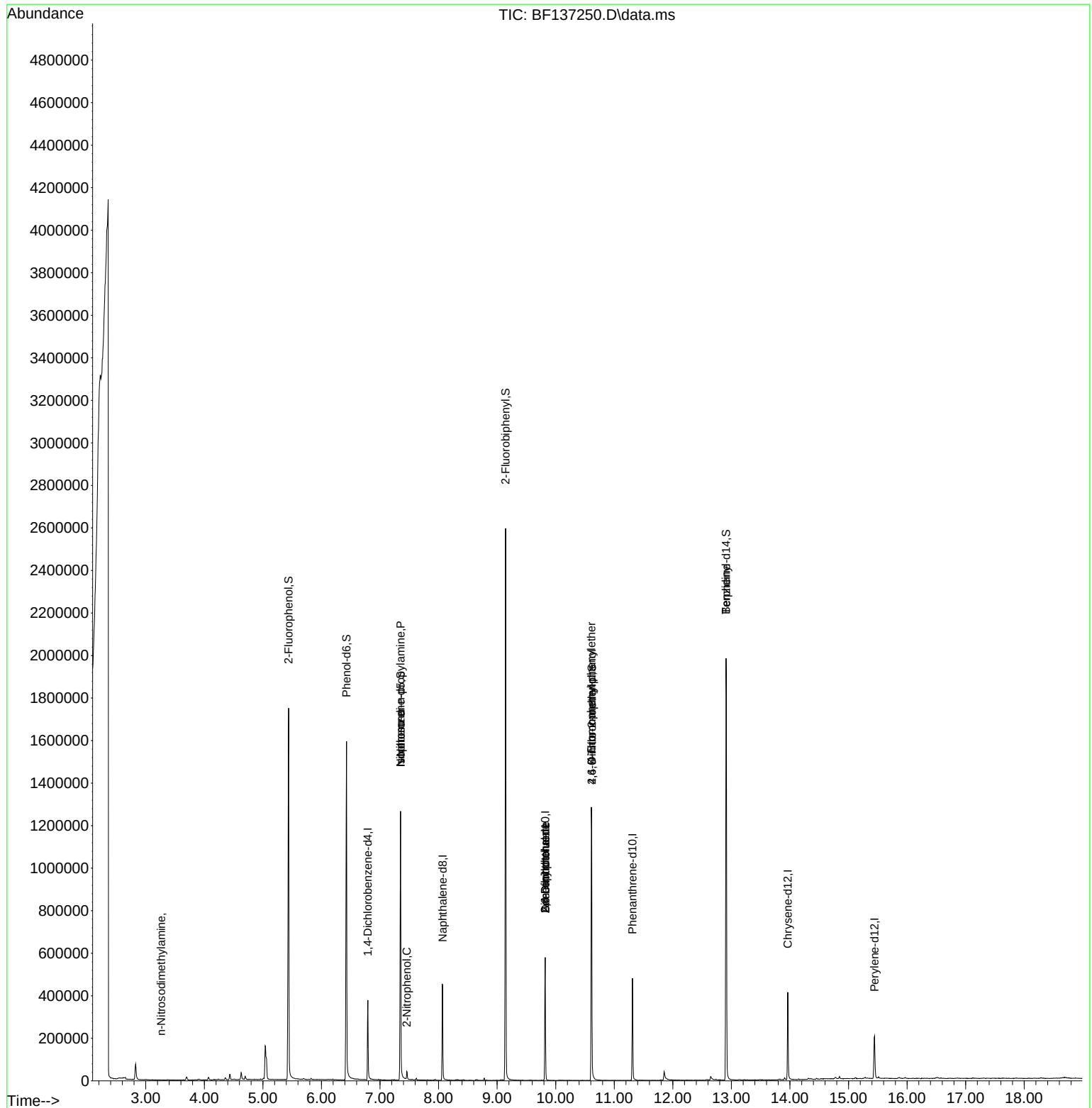
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.792	152	52259	20.000	ng	0.00
21) Naphthalene-d8	8.069	136	208441	20.000	ng	0.00
39) Acenaphthene-d10	9.822	164	111700	20.000	ng	0.00
64) Phenanthrene-d10	11.310	188	182476	20.000	ng	# 0.00
76) Chrysene-d12	13.963	240	146194	20.000	ng	-0.01
86) Perylene-d12	15.445	264	111862	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.440	112	472383	149.155	ng	0.02
7) Phenol-d6	6.428	99	546004	120.805	ng	0.00
23) Nitrobenzene-d5	7.351	82	428149	91.963	ng	0.00
42) 2,4,6-Tribromophenol	10.616	330	168788	133.801	ng	0.00
45) 2-Fluorobiphenyl	9.145	172	768823	94.617	ng	0.00
79) Terphenyl-d14	12.910	244	770544	71.652	ng	-0.01
Target Compounds						
						Qvalue
4) n-Nitrosodimethylamine	3.263	42	203	6.163	ng	# 1
19) n-Nitroso-di-n-propyla...	7.351	70	58817	18.980	ng	# 76
25) Isophorone	7.351	82	428146	49.823	ng	# 67
26) 2-Nitrophenol	7.457	139	149	2.531	ng	# 28
50) Dimethylphthalate	9.822	163	21381	2.833	ng	# 1
51) 2,6-Dinitrotoluene	9.822	165	14423	8.963	ng	# 17
57) 2,4-Dinitrotoluene	9.822	165	14423	6.908	ng	# 16
65) 4,6-Dinitro-2-methylph...	10.616	198	337	5.764	ng	# 1
67) 4-Bromophenyl-phenylether	10.610	248	11401	5.682	ng	# 1
77) Benzidine	12.910	184	9411	3.595	ng	# 94

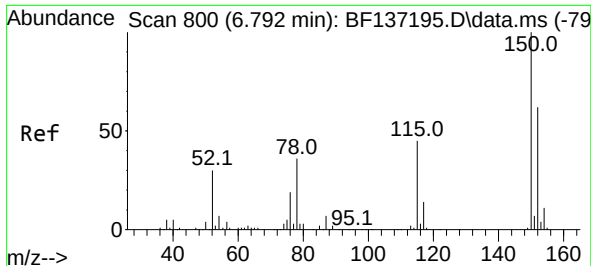
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration

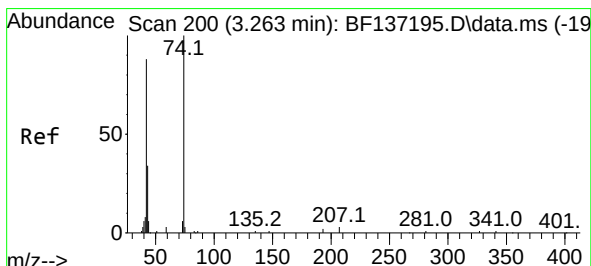
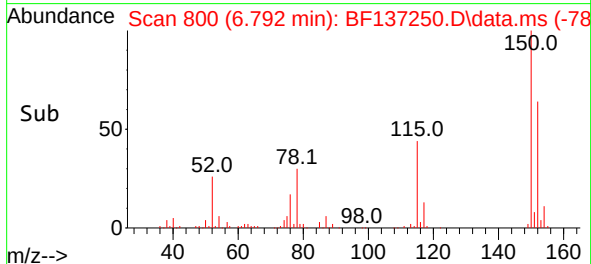
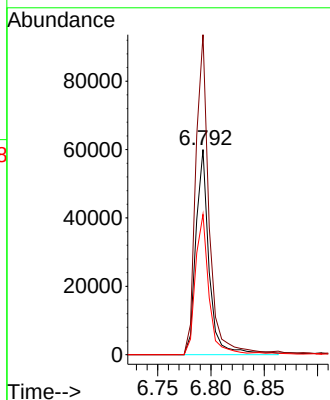
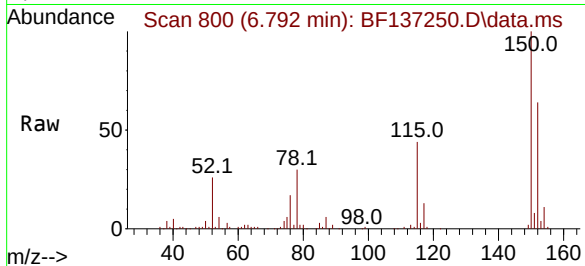




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.792 min Scan# 800
Delta R.T. 0.000 min
Lab File: BF137250.D
Acq: 02 Feb 2024 11:16

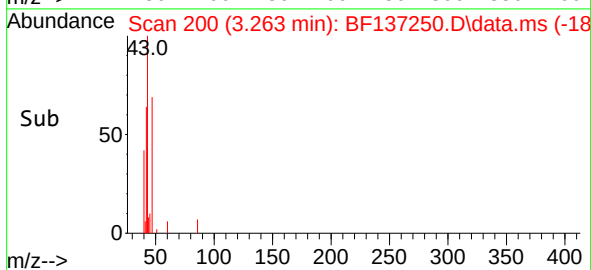
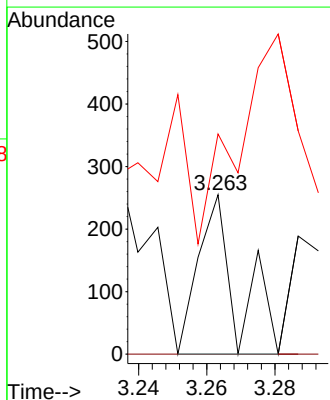
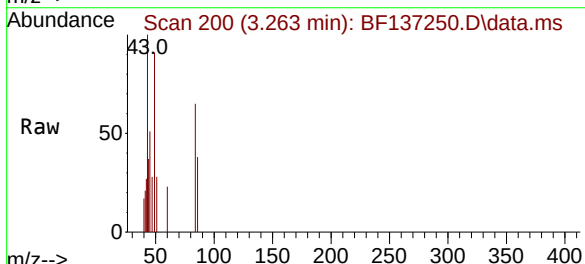
Instrument :
BNA_F
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TP-3

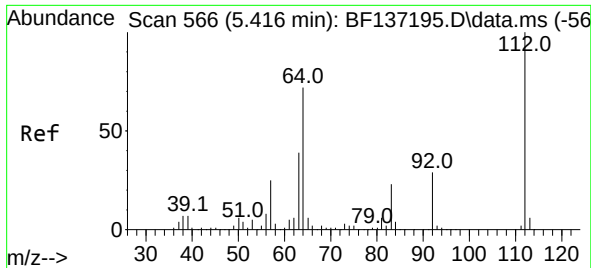
Tgt Ion:152 Resp: 52259
Ion Ratio Lower Upper
152 100
150 156.0 129.8 194.8
115 68.5 58.5 87.7



#4
n-Nitrosodimethylamine
Concen: 6.163 ng
RT: 3.263 min Scan# 200
Delta R.T. 0.000 min
Lab File: BF137250.D
Acq: 02 Feb 2024 11:16

Tgt Ion: 42 Resp: 203
Ion Ratio Lower Upper
42 100
74 0.0 90.5 135.7#
44 138.0 6.1 9.1#

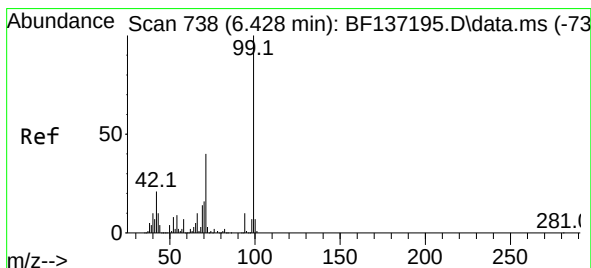
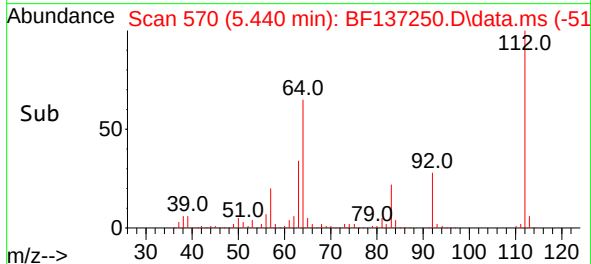
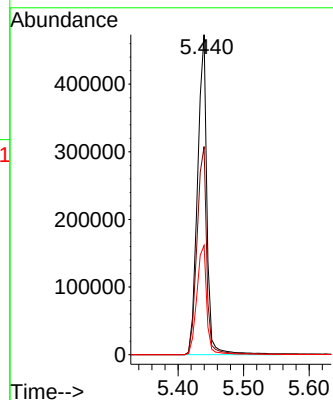
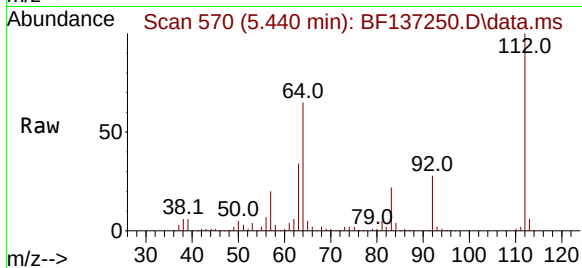




#5
2-Fluorophenol
Concen: 149.155 ng
RT: 5.440 min Scan# 51
Delta R.T. 0.024 min
Lab File: BF137250.D
Acq: 02 Feb 2024 11:16

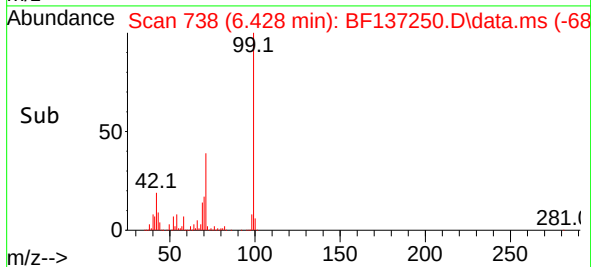
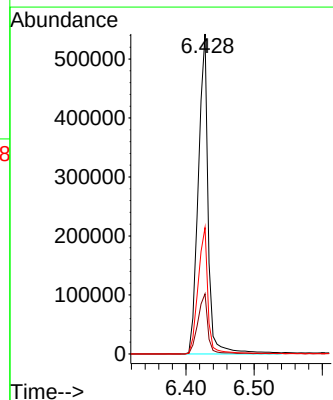
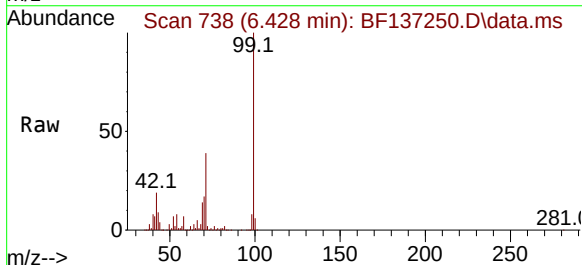
Instrument :
BNA_F
ClientSampleId :
TP-3

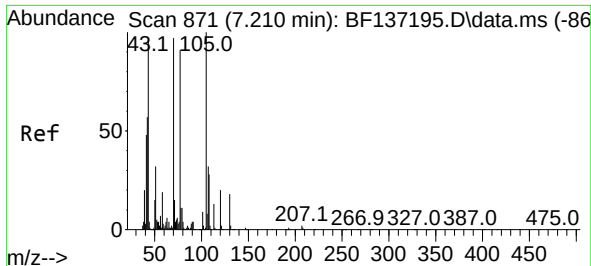
Tgt Ion:112 Resp: 472383
Ion Ratio Lower Upper
112 100
64 65.0 57.8 86.6
63 34.1 31.4 47.0



#7
Phenol-d6
Concen: 120.805 ng
RT: 6.428 min Scan# 738
Delta R.T. 0.000 min
Lab File: BF137250.D
Acq: 02 Feb 2024 11:16

Tgt Ion: 99 Resp: 546004
Ion Ratio Lower Upper
99 100
42 18.8 16.4 24.6
71 39.5 32.4 48.6

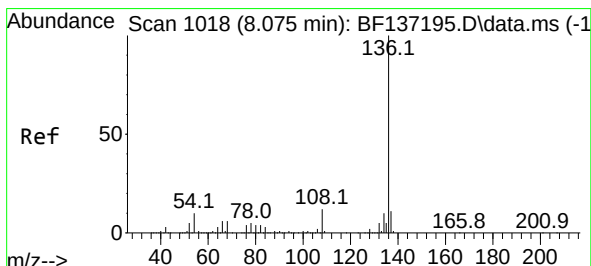
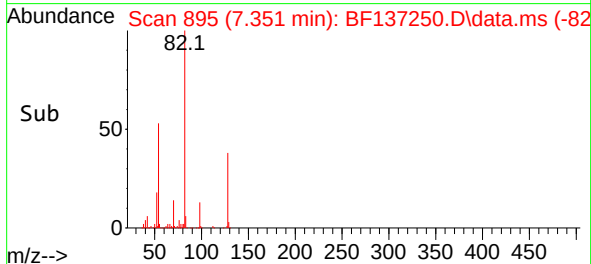
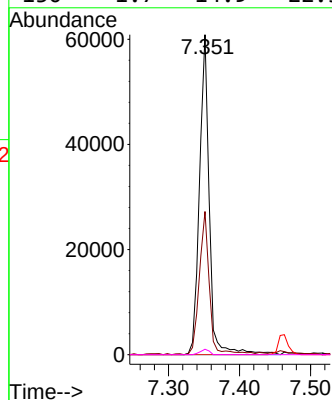
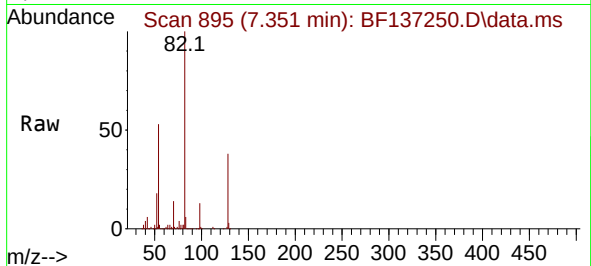




#19
n-Nitroso-di-n-propylamine
Concen: 18.980 ng
RT: 7.351 min Scan# 895
Delta R.T. 0.141 min
Lab File: BF137250.D
Acq: 02 Feb 2024 11:16

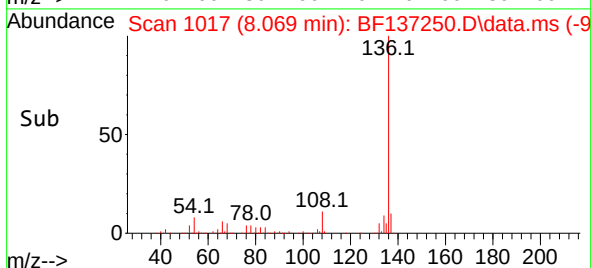
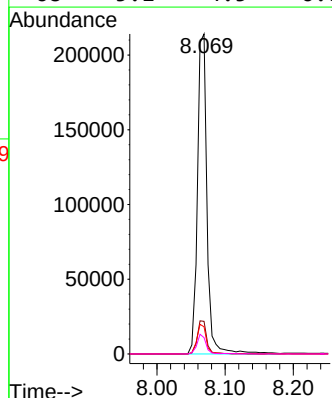
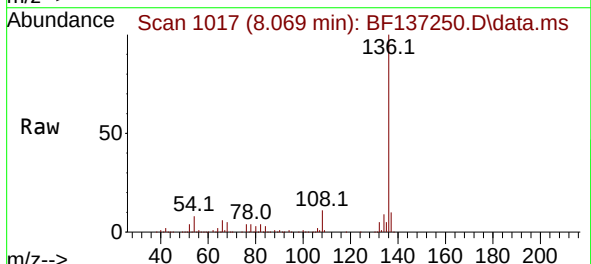
Instrument :
BNA_F
ClientSampleId :
TP-3

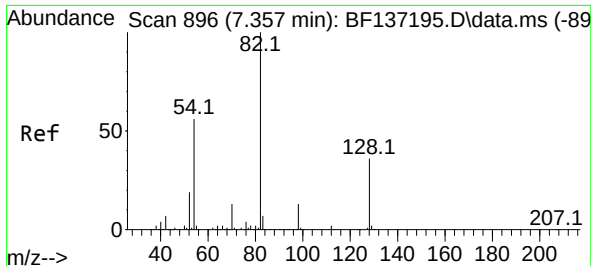
Tgt Ion: 70 Resp: 58817
Ion Ratio Lower Upper
70 100
42 44.7 47.2 70.8#
101 0.0 7.4 11.0#
130 1.7 14.9 22.3#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.069 min Scan# 1017
Delta R.T. -0.006 min
Lab File: BF137250.D
Acq: 02 Feb 2024 11:16

Tgt Ion: 136 Resp: 208441
Ion Ratio Lower Upper
136 100
137 10.2 8.9 13.3
54 8.5 7.8 11.8
68 5.1 4.5 6.7

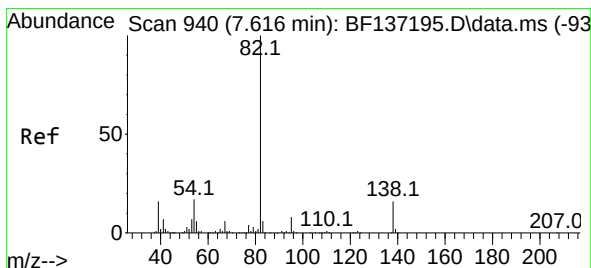
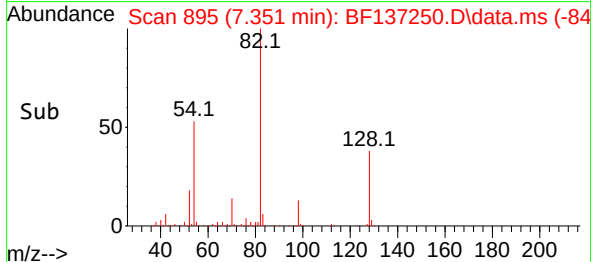
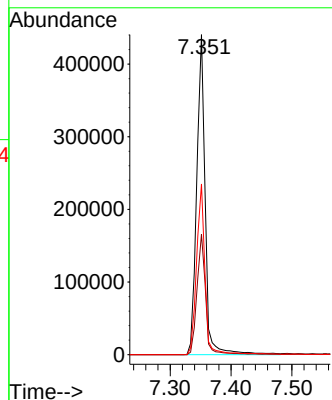
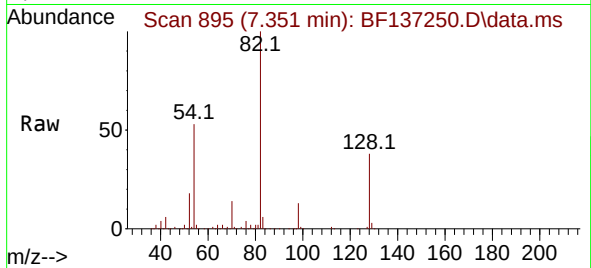




#23
Nitrobenzene-d5
Concen: 91.963 ng
RT: 7.351 min Scan# 895
Delta R.T. -0.006 min
Lab File: BF137250.D
Acq: 02 Feb 2024 11:16

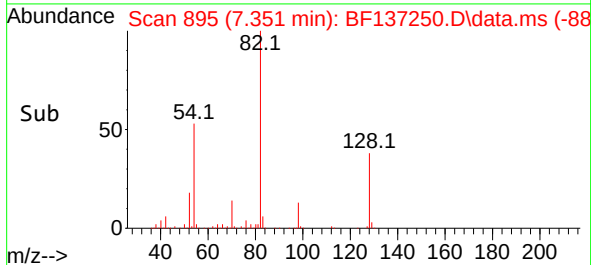
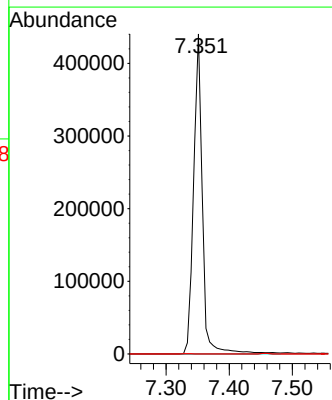
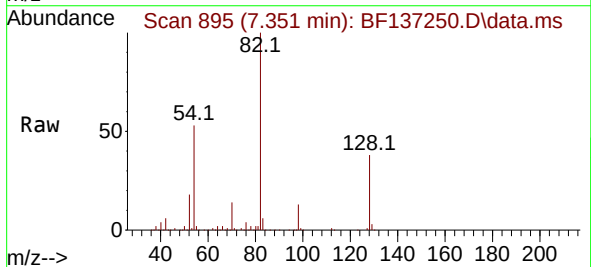
Instrument :
BNA_F
ClientSampleId :
TP-3

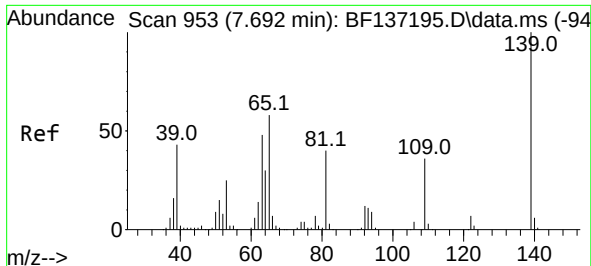
Tgt Ion: 82 Resp: 428149
Ion Ratio Lower Upper
82 100
128 37.7 29.1 43.7
54 53.3 45.0 67.6



#25
Isophorone
Concen: 49.823 ng
RT: 7.351 min Scan# 895
Delta R.T. -0.265 min
Lab File: BF137250.D
Acq: 02 Feb 2024 11:16

Tgt Ion: 82 Resp: 428146
Ion Ratio Lower Upper
82 100
95 0.0 6.4 9.6#
138 0.0 12.7 19.1#

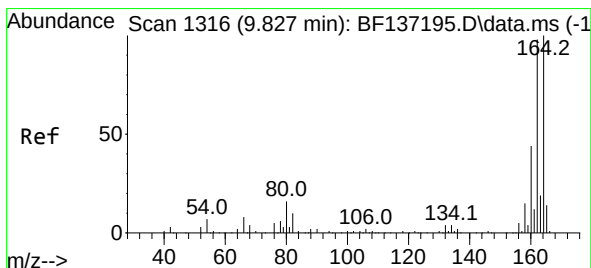
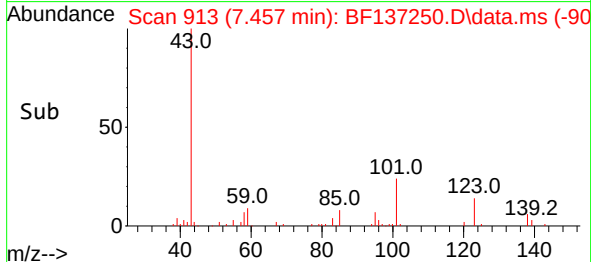
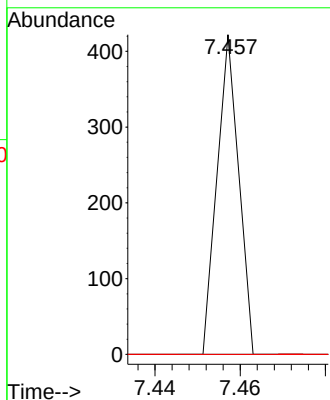
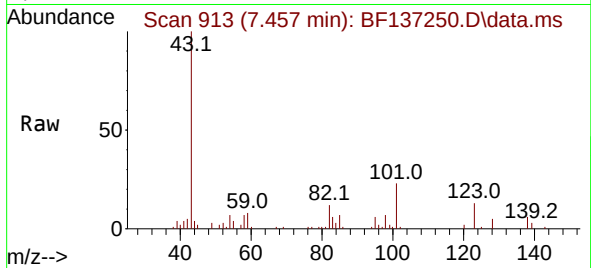




#26
2-Nitrophenol
Concen: 2.531 ng
RT: 7.457 min Scan# 91
Delta R.T. -0.235 min
Lab File: BF137250.D
Acq: 02 Feb 2024 11:16

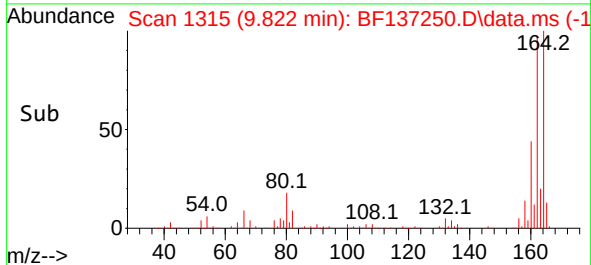
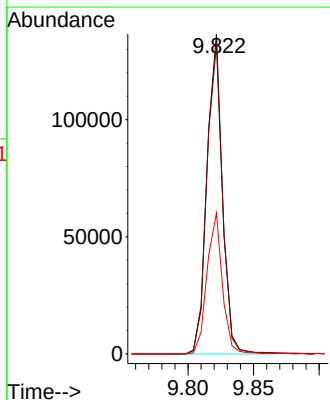
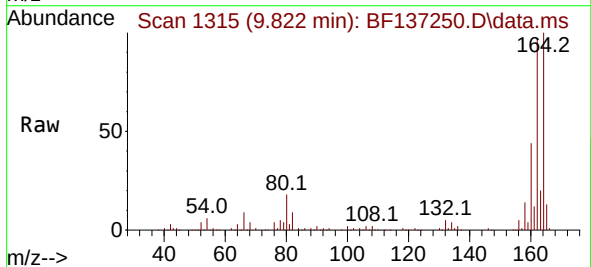
Instrument :
BNA_F
ClientSampleId :
TP-3

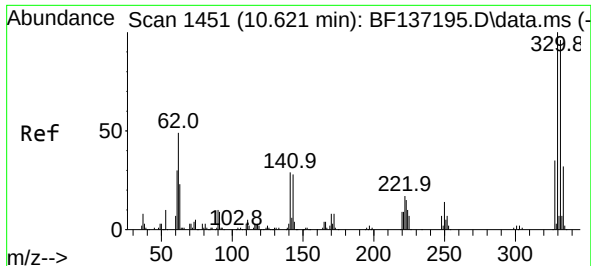
Tgt Ion:139 Resp: 149
Ion Ratio Lower Upper
139 100
109 0.0 28.5 42.7#
65 0.0 46.7 70.1#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.822 min Scan# 1315
Delta R.T. -0.005 min
Lab File: BF137250.D
Acq: 02 Feb 2024 11:16

Tgt Ion:164 Resp: 111700
Ion Ratio Lower Upper
164 100
162 96.6 78.3 117.5
160 44.0 35.4 53.2





#42

2,4,6-Tribromophenol

Concen: 133.801 ng

RT: 10.616 min Scan# 1450

Delta R.T. -0.006 min

Lab File: BF137250.D

Acq: 02 Feb 2024 11:16

Instrument :

BNA_F

ClientSampleId :

TP-3

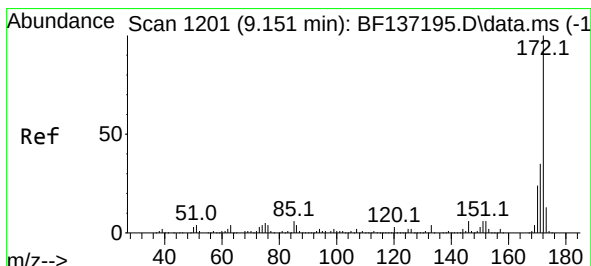
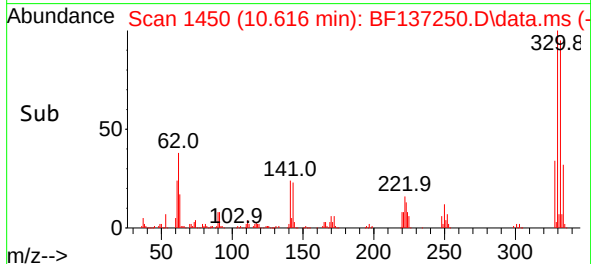
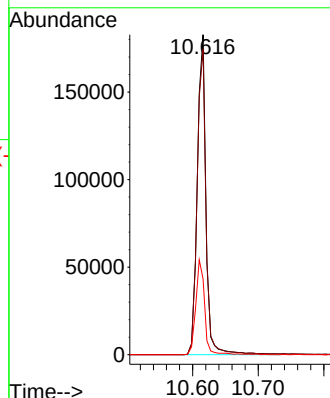
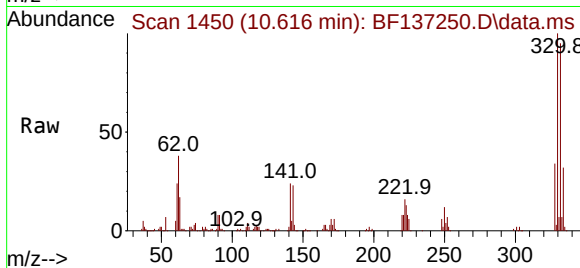
Tgt Ion:330 Resp: 168788

Ion Ratio Lower Upper

330 100

332 98.1 77.3 115.9

141 30.2 25.2 37.8



#45

2-Fluorobiphenyl

Concen: 94.617 ng

RT: 9.145 min Scan# 1200

Delta R.T. -0.006 min

Lab File: BF137250.D

Acq: 02 Feb 2024 11:16

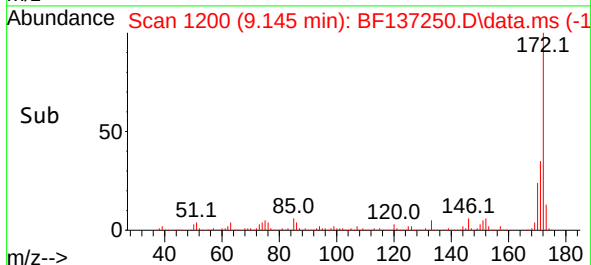
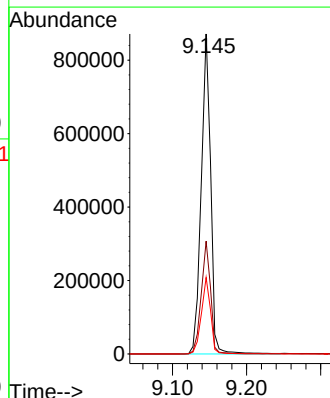
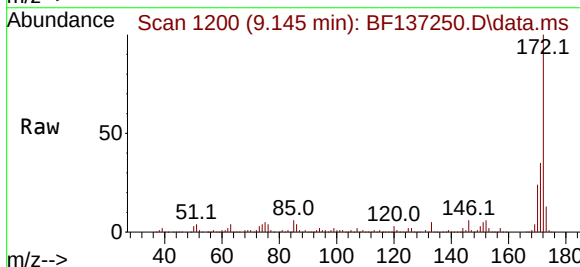
Tgt Ion:172 Resp: 768823

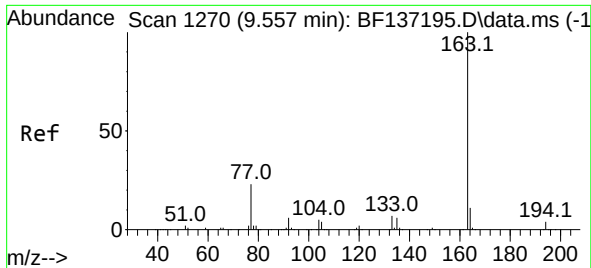
Ion Ratio Lower Upper

172 100

171 35.3 28.3 42.5

170 23.9 19.1 28.7

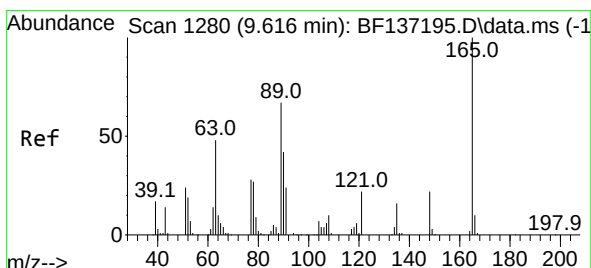
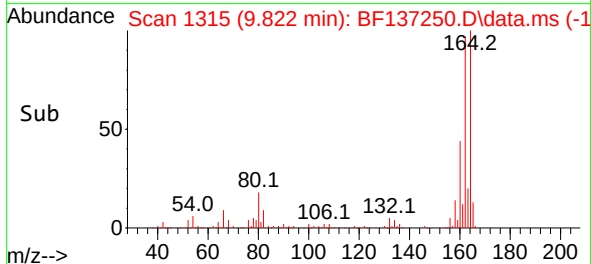
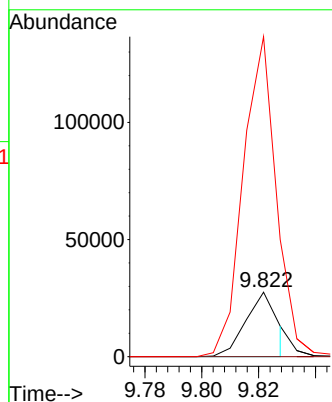
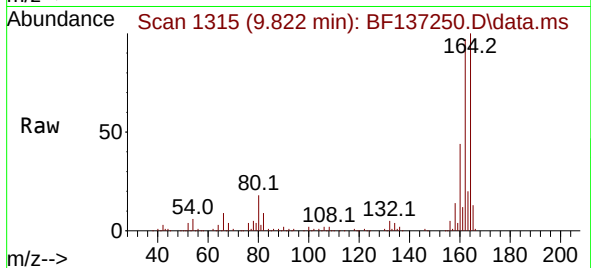




#50
Dimethylphthalate
Concen: 2.833 ng
RT: 9.822 min Scan# 1315
Delta R.T. 0.265 min
Lab File: BF137250.D
Acq: 02 Feb 2024 11:16

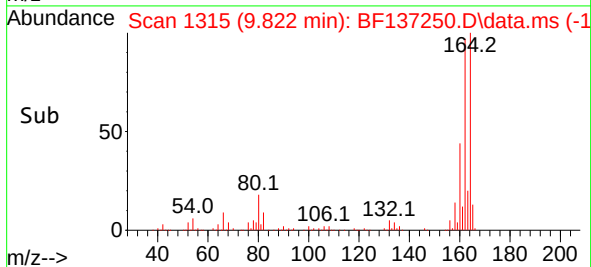
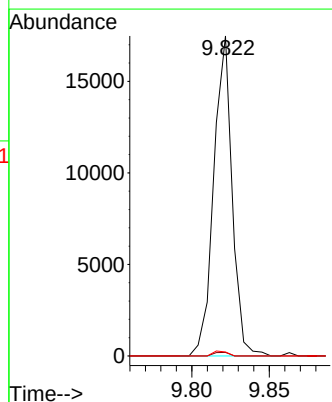
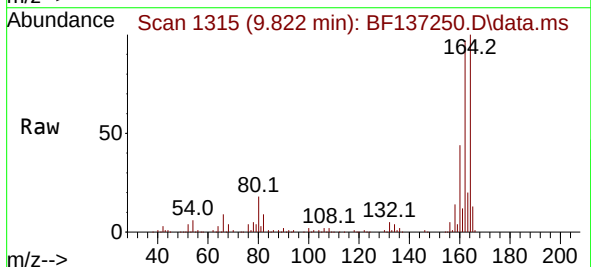
Instrument :
BNA_F
ClientSampleId :
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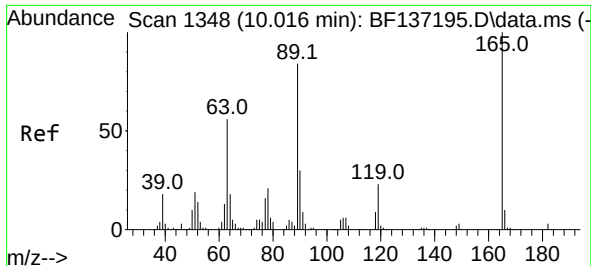
Tgt Ion:163 Resp: 21381
Ion Ratio Lower Upper
163 100
194 0.0 3.3 4.9#
164 496.6 8.6 13.0#



#51
2,6-Dinitrotoluene
Concen: 8.963 ng
RT: 9.822 min Scan# 1315
Delta R.T. 0.206 min
Lab File: BF137250.D
Acq: 02 Feb 2024 11:16

Tgt Ion:165 Resp: 14423
Ion Ratio Lower Upper
165 100
63 1.1 55.1 82.7#
89 1.3 53.5 80.3#

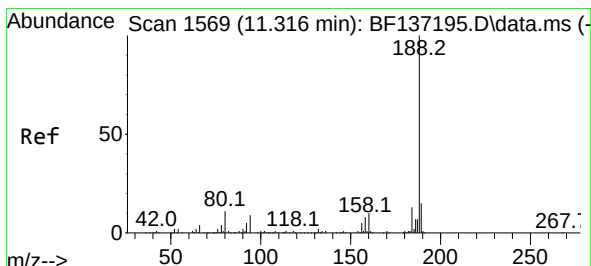
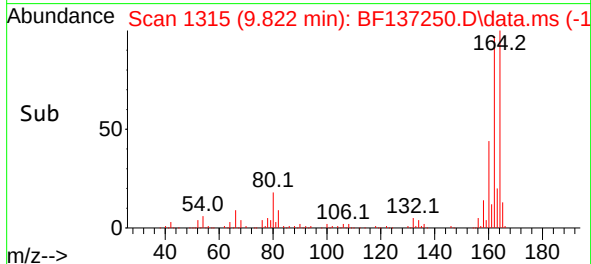
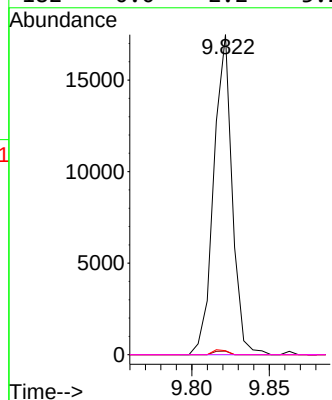
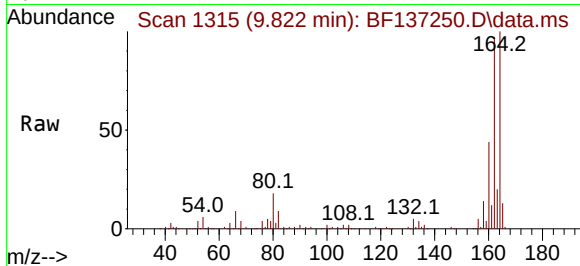




#57
2,4-Dinitrotoluene
Concen: 6.908 ng
RT: 9.822 min Scan# 11
Delta R.T. -0.194 min
Lab File: BF137250.D
Acq: 02 Feb 2024 11:16

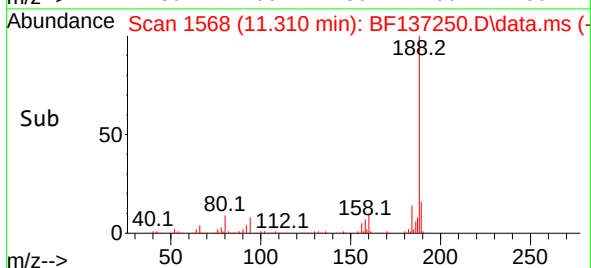
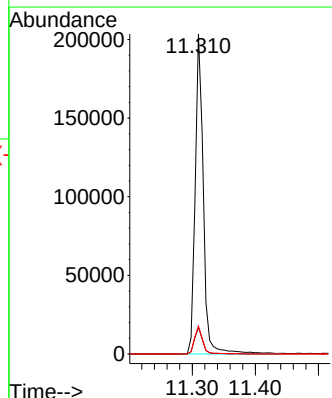
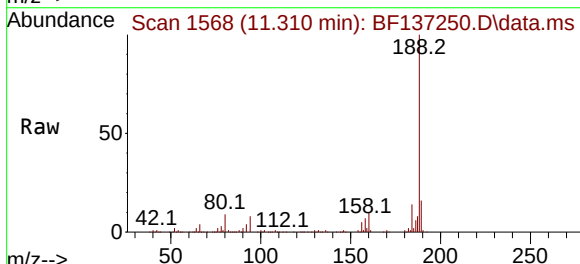
Instrument :
BNA_F
ClientSampleId :
TP-3

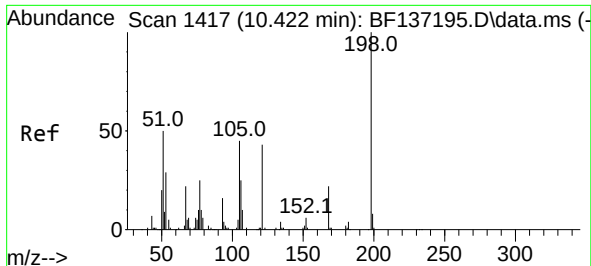
Tgt Ion:165 Resp: 14423
Ion Ratio Lower Upper
165 100
63 1.1 46.1 69.1#
89 1.3 67.5 101.3#
182 0.0 2.2 3.2#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.310 min Scan# 1568
Delta R.T. -0.006 min
Lab File: BF137250.D
Acq: 02 Feb 2024 11:16

Tgt Ion:188 Resp: 182476
Ion Ratio Lower Upper
188 100
94 8.3 7.0 10.4
80 8.8 8.8 13.2#

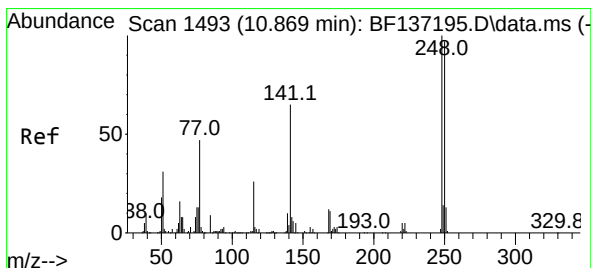
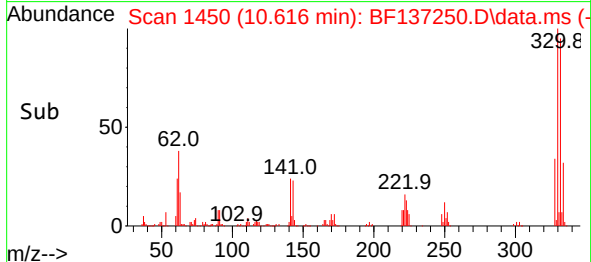
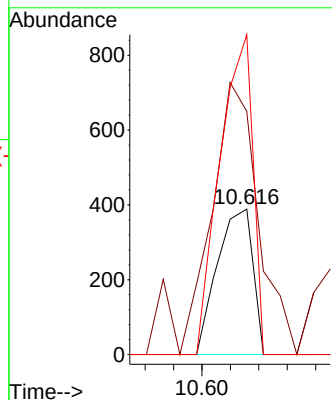
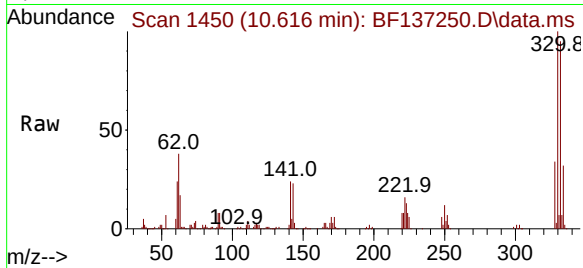




#65
4,6-Dinitro-2-methylphenol
Concen: 5.764 ng
RT: 10.616 min Scan# 1417
Delta R.T. 0.194 min
Lab File: BF137250.D
Acq: 02 Feb 2024 11:16

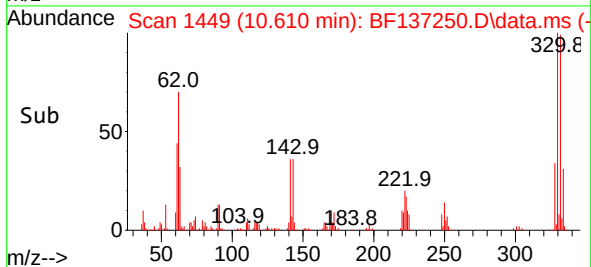
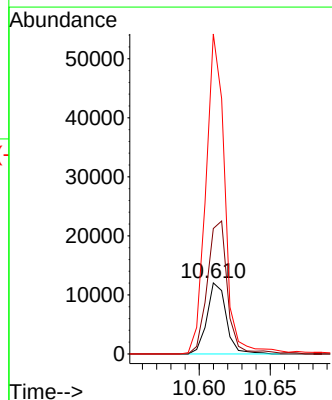
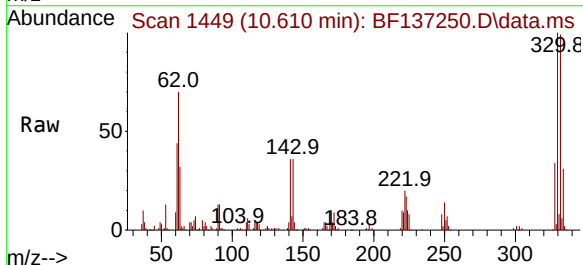
Instrument :
BNA_F
ClientSampleId :
TP-3

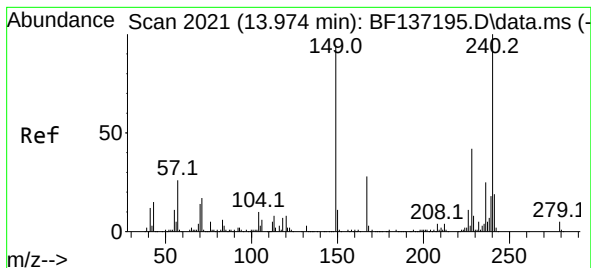
Tgt Ion:198 Resp: 337
Ion Ratio Lower Upper
198 100
51 167.1 40.9 80.9#
105 219.8 26.5 66.5#



#67
4-Bromophenyl-phenylether
Concen: 5.682 ng
RT: 10.610 min Scan# 1449
Delta R.T. -0.259 min
Lab File: BF137250.D
Acq: 02 Feb 2024 11:16

Tgt Ion:248 Resp: 11401
Ion Ratio Lower Upper
248 100
250 176.5 77.7 116.5#
141 450.1 51.6 77.4#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.963 min Scan# 20

Delta R.T. -0.012 min

Lab File: BF137250.D

Acq: 02 Feb 2024 11:16

Instrument :

BNA_F

ClientSampleId :

TP-3

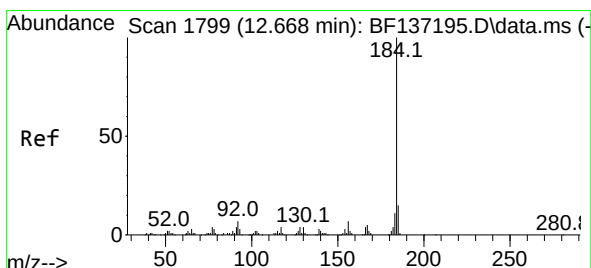
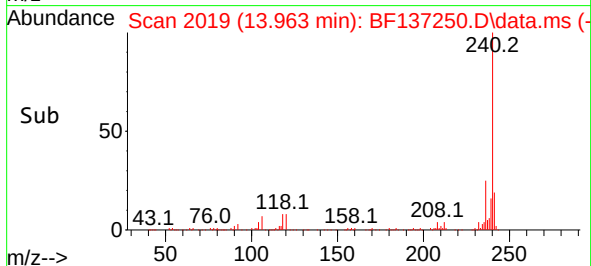
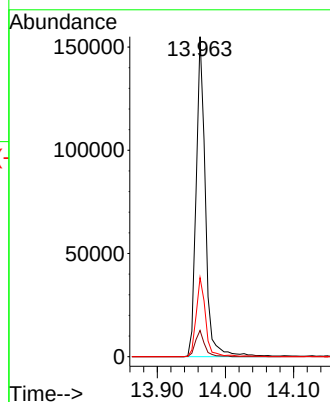
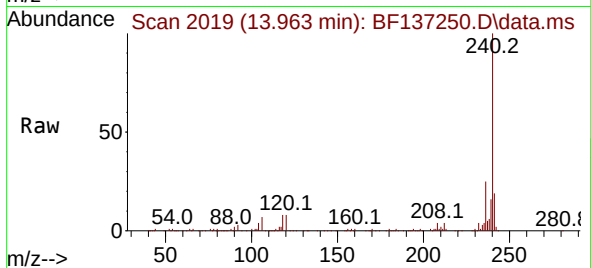
Tgt Ion:240 Resp: 146194

Ion Ratio Lower Upper

240 100

120 8.2 6.3 9.5

236 24.7 20.3 30.5



#77

Benzidine

Concen: 3.595 ng

RT: 12.910 min Scan# 1840

Delta R.T. 0.242 min

Lab File: BF137250.D

Acq: 02 Feb 2024 11:16

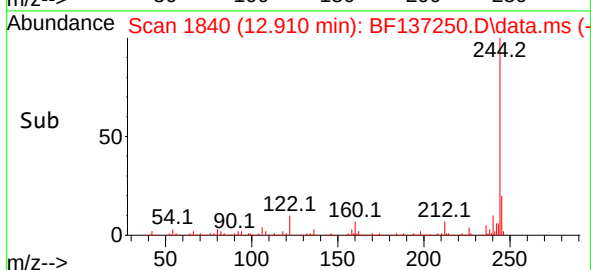
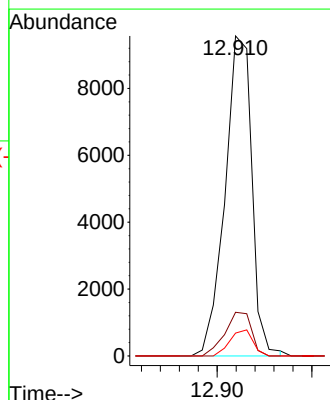
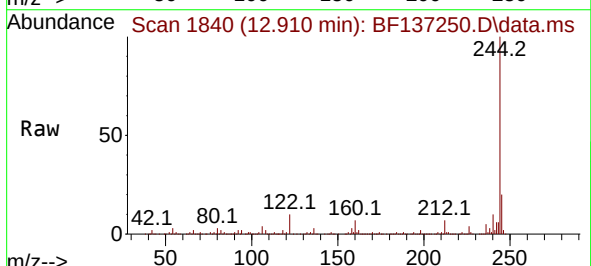
Tgt Ion:184 Resp: 9411

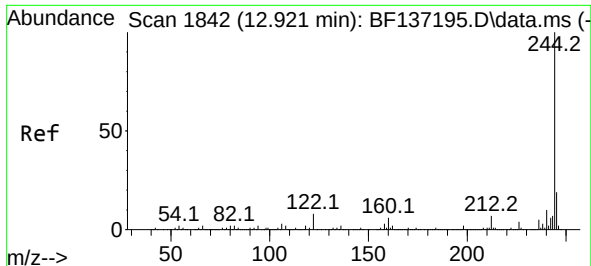
Ion Ratio Lower Upper

184 100

185 13.6 11.9 17.9

183 7.2 8.8 13.2#

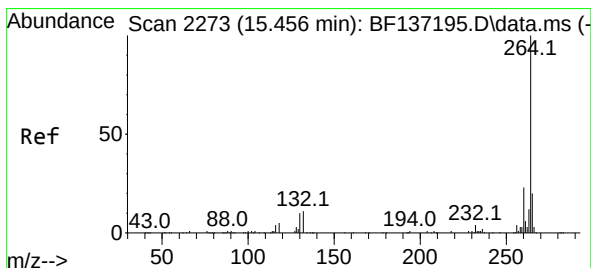
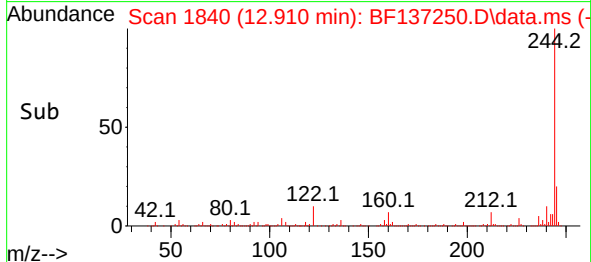
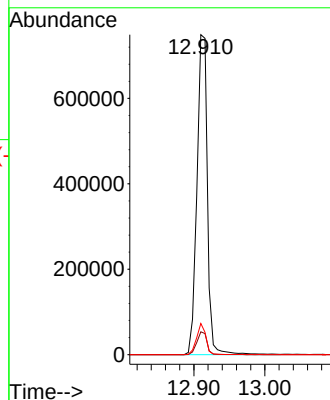
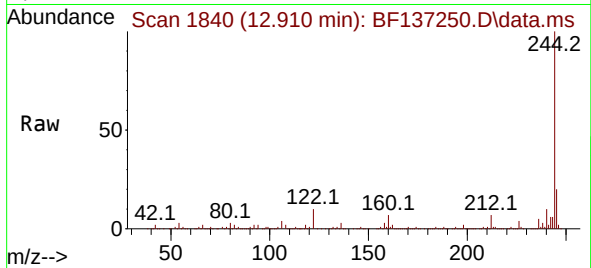




#79
 Terphenyl-d14
 Concen: 71.652 ng
 RT: 12.910 min Scan# 1840
 Delta R.T. -0.012 min
 Lab File: BF137250.D
 Acq: 02 Feb 2024 11:16

Instrument :
 BNA_F
 ClientSampleId :
 TP-3

Tgt Ion:244 Resp: 770544
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.5 8.3
 122 9.8 6.2 9.4#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.445 min Scan# 2271
 Delta R.T. -0.012 min
 Lab File: BF137250.D
 Acq: 02 Feb 2024 11:16

Tgt Ion:264 Resp: 111862
 Ion Ratio Lower Upper
 264 100
 260 24.2 18.2 27.4
 265 21.3 16.2 24.2

