

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020124\
 Data File : BF137242.D
 Acq On : 01 Feb 2024 20:24
 Operator : CG\JU
 Sample : P1307-02
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TR-614-COMP-01

Quant Time: Feb 02 01:17:12 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)

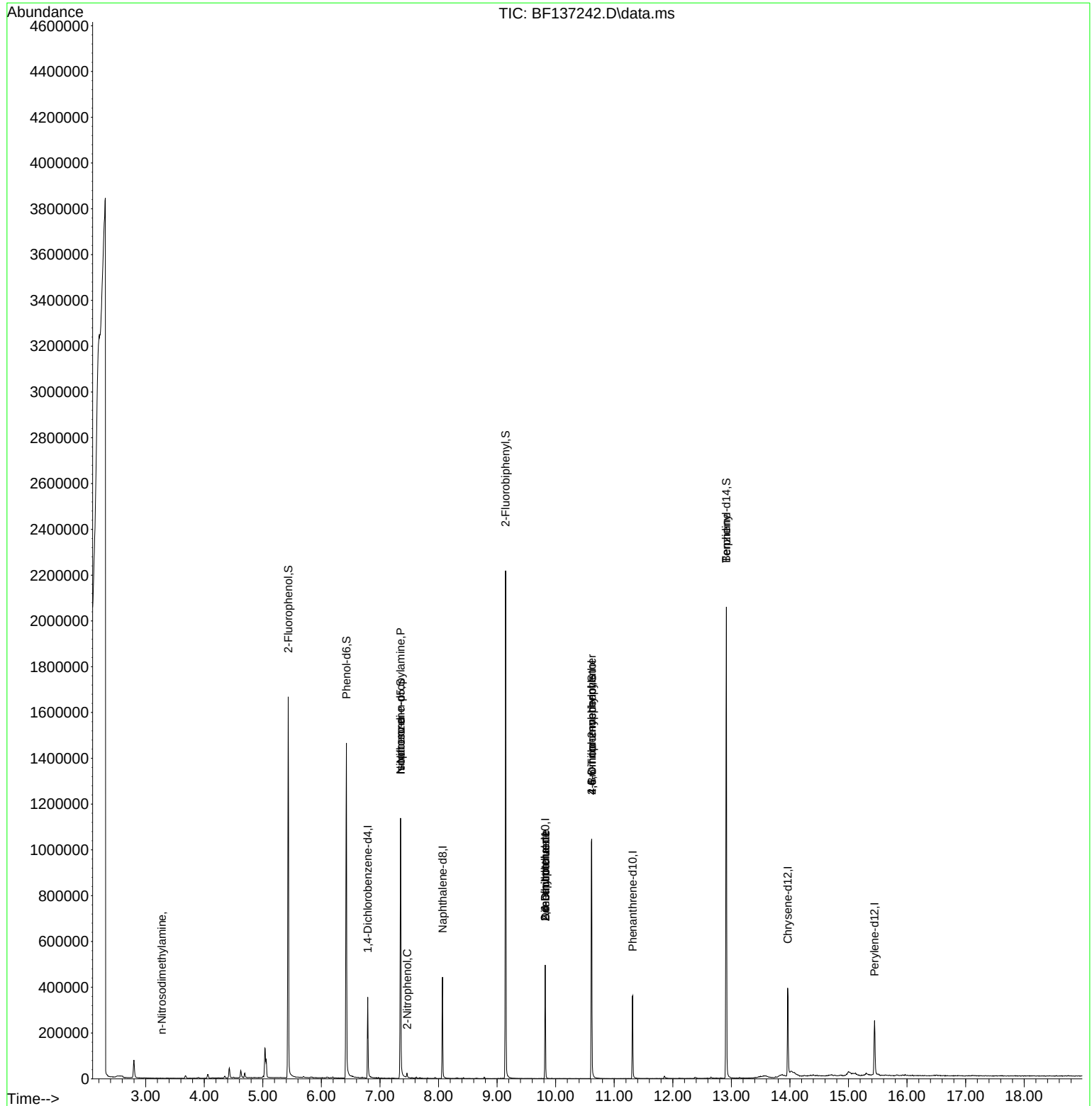
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.792	152	47167	20.000	ng	0.00
21) Naphthalene-d8	8.069	136	180519	20.000	ng	0.00
39) Acenaphthene-d10	9.822	164	91881	20.000	ng	0.00
64) Phenanthrene-d10	11.316	188	153675	20.000	ng	# 0.00
76) Chrysene-d12	13.962	240	147171	20.000	ng	-0.01
86) Perylene-d12	15.445	264	121576	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.434	112	428297	149.835	ng	0.02
7) Phenol-d6	6.428	99	506658	124.202	ng	0.00
23) Nitrobenzene-d5	7.351	82	385854	95.698	ng	0.00
42) 2,4,6-Tribromophenol	10.616	330	134753	129.862	ng	0.00
45) 2-Fluorobiphenyl	9.145	172	648151	96.973	ng	0.00
79) Terphenyl-d14	12.915	244	740129	68.367	ng	0.00
Target Compounds						Qvalue
4) n-Nitrosodimethylamine	3.275	42	62	6.095	ng	# 1
19) n-Nitroso-di-n-propyla...	7.351	70	52205	18.665	ng	# 77
25) Isophorone	7.351	82	385851	51.846	ng	# 67
26) 2-Nitrophenol	7.463	139	64	2.490	ng	# 28
50) Dimethylphthalate	9.822	163	16634	2.680	ng	# 1
51) 2,6-Dinitrotoluene	9.822	165	11835	8.941	ng	# 17
57) 2,4-Dinitrotoluene	9.822	165	11835	6.891	ng	# 16
65) 4,6-Dinitro-2-methylph...	10.616	198	221	5.695	ng	# 14
67) 4-Bromophenyl-phenylether	10.616	248	9517	5.632	ng	# 1
77) Benzidine	12.915	184	9194	3.489	ng	# 94

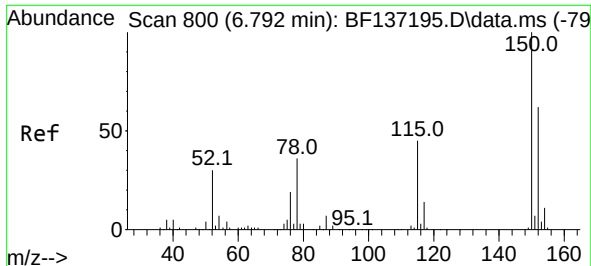
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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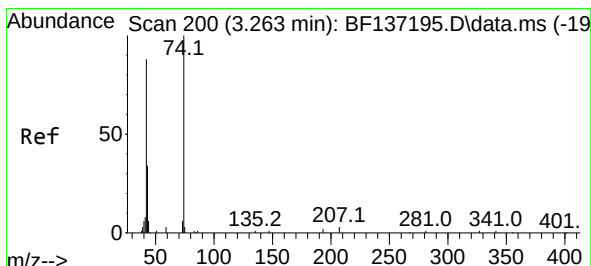
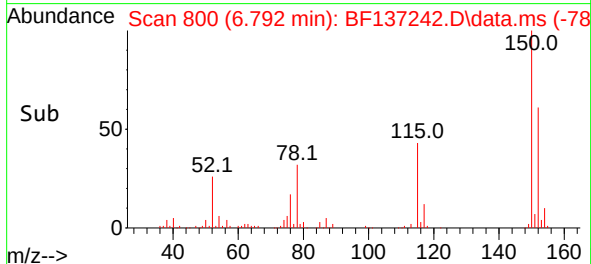
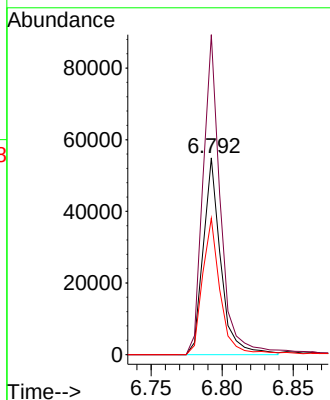
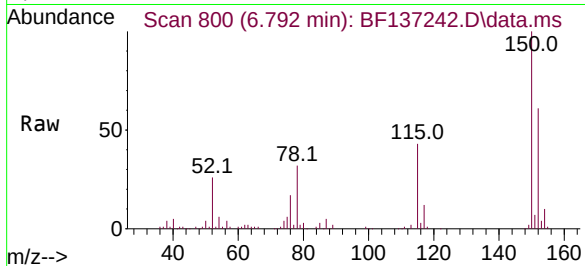




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.792 min Scan# 800
Delta R.T. 0.000 min
Lab File: BF137242.D
Acq: 01 Feb 2024 20:24

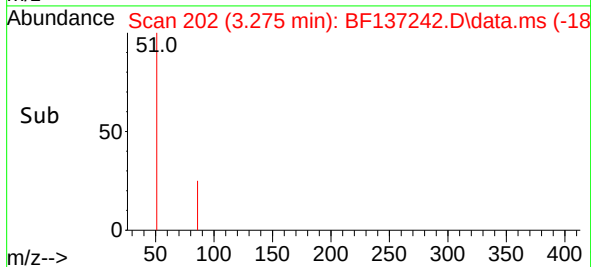
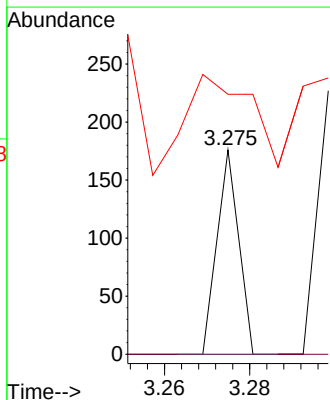
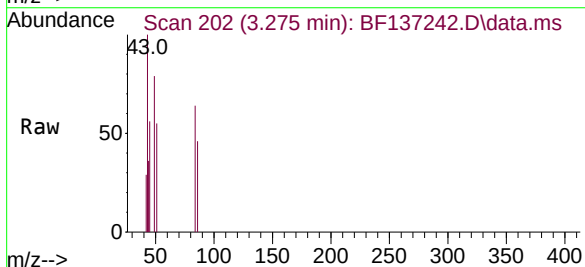
Instrument :
BNA_F
ClientSampleId :
TR-614-COMP-01

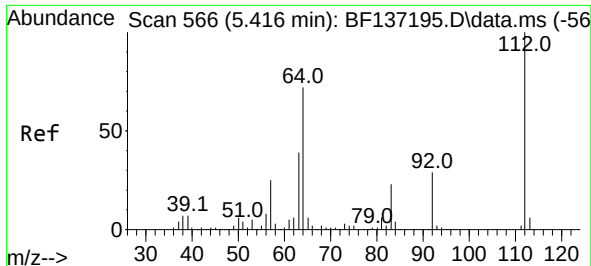
Tgt Ion:152 Resp: 47167
Ion Ratio Lower Upper
152 100
150 162.7 129.8 194.8
115 69.2 58.5 87.7



#4
n-Nitrosodimethylamine
Concen: 6.095 ng
RT: 3.275 min Scan# 202
Delta R.T. 0.012 min
Lab File: BF137242.D
Acq: 01 Feb 2024 20:24

Tgt Ion: 42 Resp: 62
Ion Ratio Lower Upper
42 100
74 0.0 90.5 135.7#
44 127.3 6.1 9.1#

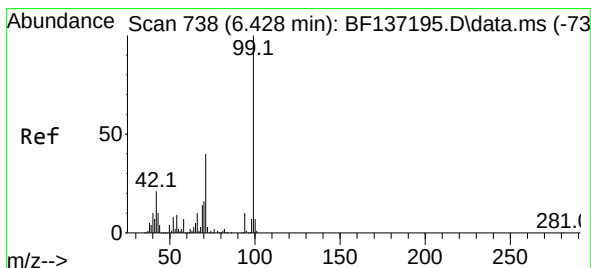
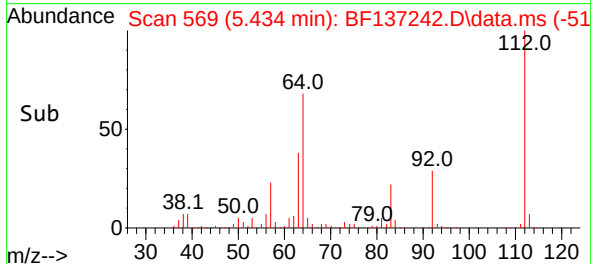
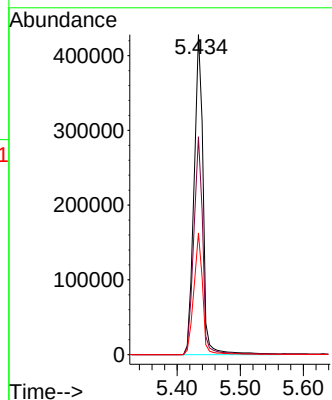
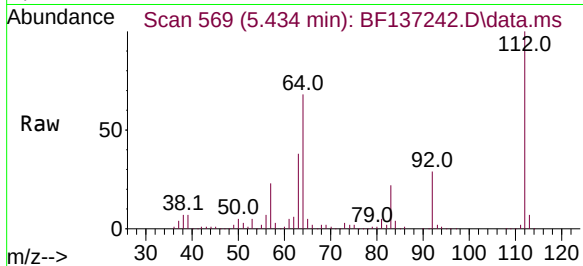




#5
2-Fluorophenol
Concen: 149.835 ng
RT: 5.434 min Scan# 566
Delta R.T. 0.018 min
Lab File: BF137242.D
Acq: 01 Feb 2024 20:24

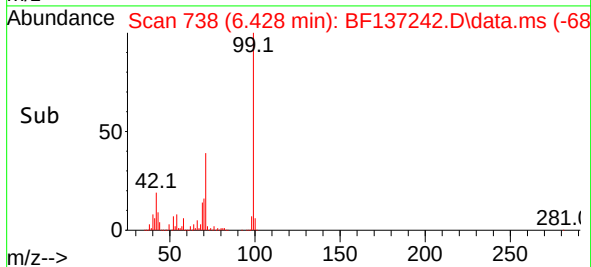
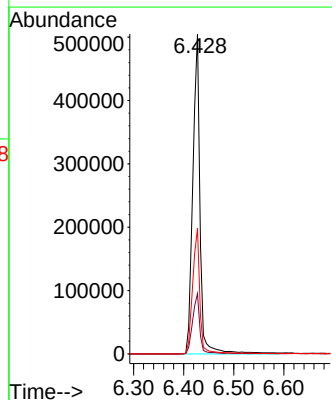
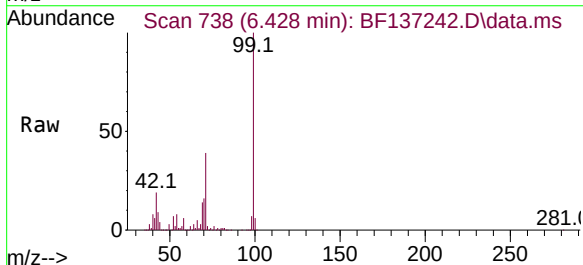
Instrument :
BNA_F
ClientSampleId :
TR-614-COMP-01

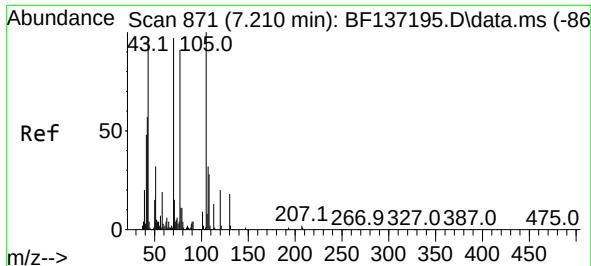
Tgt Ion:112 Resp: 428297
Ion Ratio Lower Upper
112 100
64 68.1 57.8 86.6
63 38.0 31.4 47.0



#7
Phenol-d6
Concen: 124.202 ng
RT: 6.428 min Scan# 738
Delta R.T. -0.000 min
Lab File: BF137242.D
Acq: 01 Feb 2024 20:24

Tgt Ion: 99 Resp: 506658
Ion Ratio Lower Upper
99 100
42 18.8 16.4 24.6
71 39.2 32.4 48.6





#19

n-Nitroso-di-n-propylamine

Concen: 18.665 ng

RT: 7.351 min Scan# 89

Delta R.T. 0.141 min

Lab File: BF137242.D

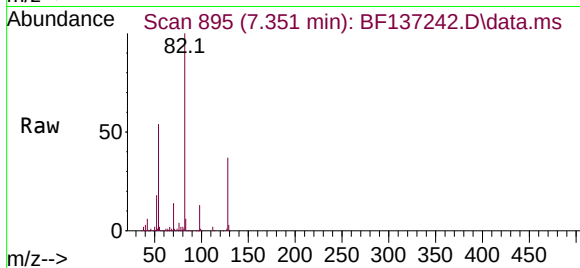
Acq: 01 Feb 2024 20:24

Instrument :

BNA_F

ClientSampleId :

TR-614-COMP-01



Tgt Ion: 70 Resp: 52205

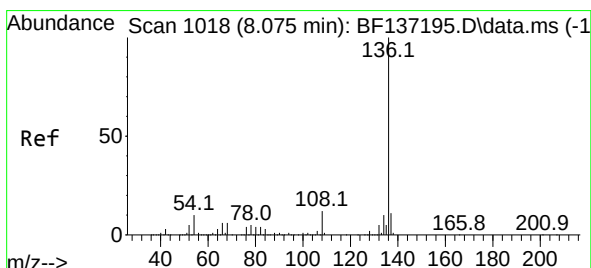
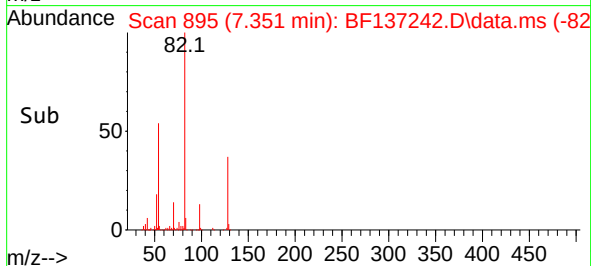
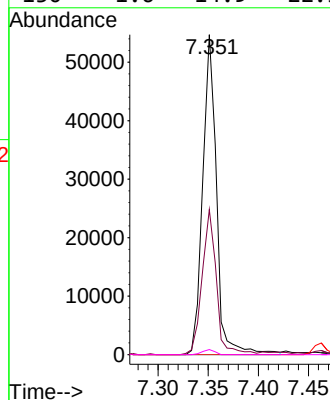
Ion Ratio Lower Upper

70 100

42 45.3 47.2 70.8#

101 0.0 7.4 11.0#

130 1.6 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: BF137242.D

Acq: 01 Feb 2024 20:24

Tgt Ion: 136 Resp: 180519

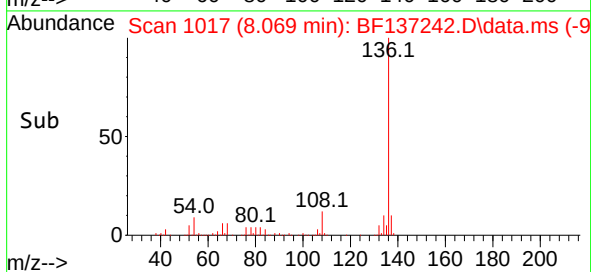
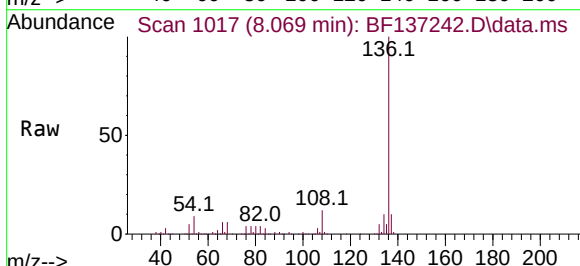
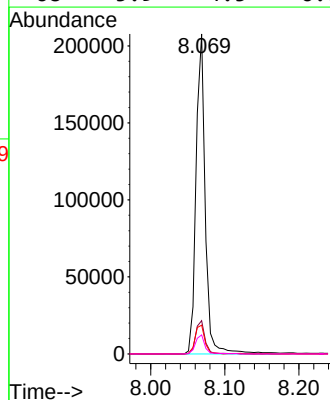
Ion Ratio Lower Upper

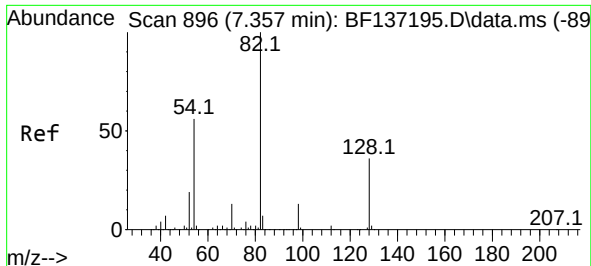
136 100

137 10.4 8.9 13.3

54 9.0 7.8 11.8

68 5.9 4.5 6.7

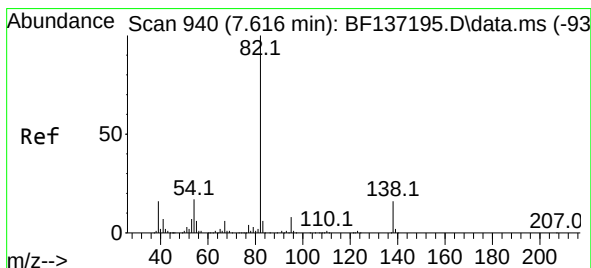
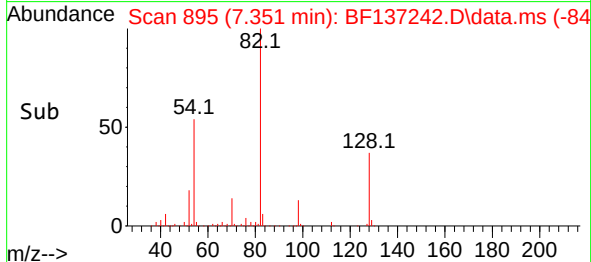
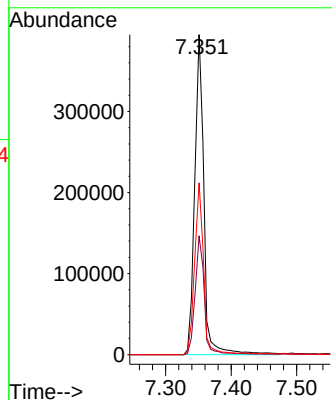
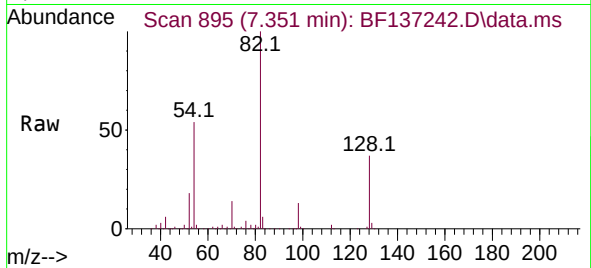




#23
Nitrobenzene-d5
Concen: 95.698 ng
RT: 7.351 min Scan# 895
Delta R.T. -0.006 min
Lab File: BF137242.D
Acq: 01 Feb 2024 20:24

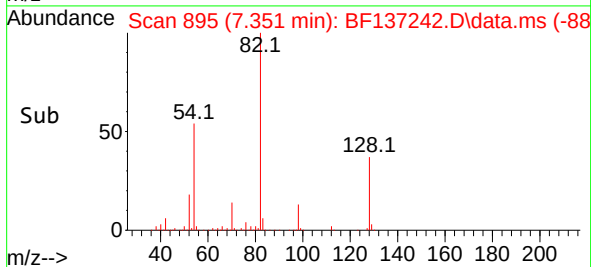
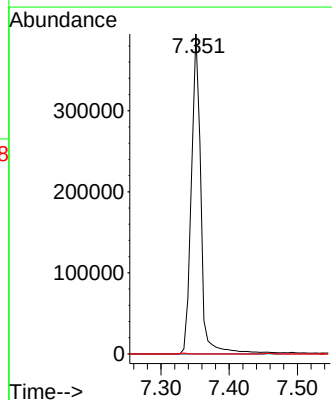
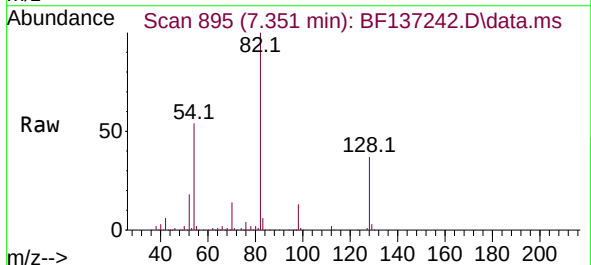
Instrument :
BNA_F
ClientSampleId :
TR-614-COMP-01

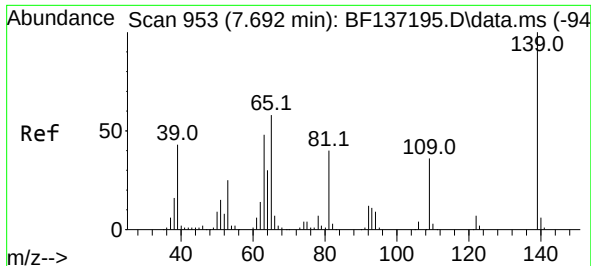
Tgt Ion: 82 Resp: 385854
Ion Ratio Lower Upper
82 100
128 37.1 29.1 43.7
54 53.7 45.0 67.6



#25
Isophorone
Concen: 51.846 ng
RT: 7.351 min Scan# 895
Delta R.T. -0.265 min
Lab File: BF137242.D
Acq: 01 Feb 2024 20:24

Tgt Ion: 82 Resp: 385851
Ion Ratio Lower Upper
82 100
95 0.0 6.4 9.6#
138 0.0 12.7 19.1#

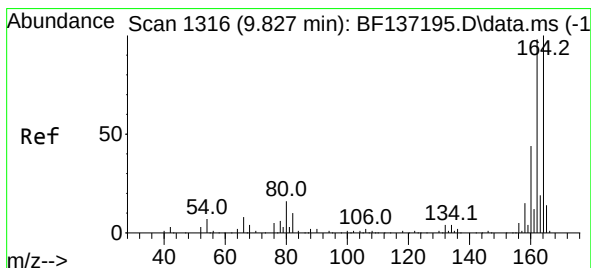
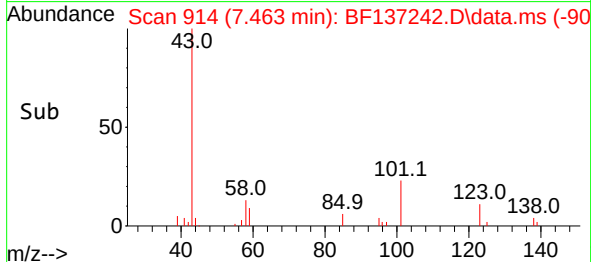
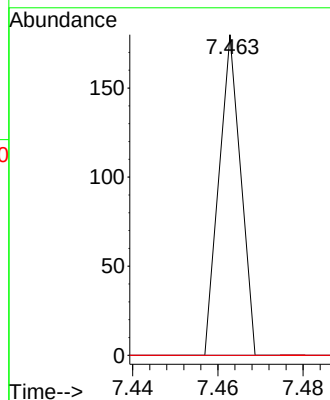
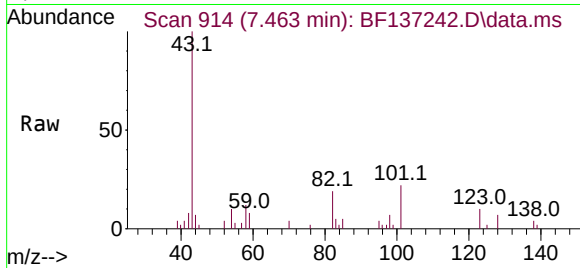




#26
2-Nitrophenol
Concen: 2.490 ng
RT: 7.463 min Scan# 914
Delta R.T. -0.229 min
Lab File: BF137242.D
Acq: 01 Feb 2024 20:24

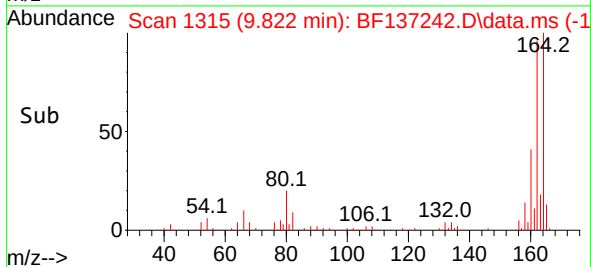
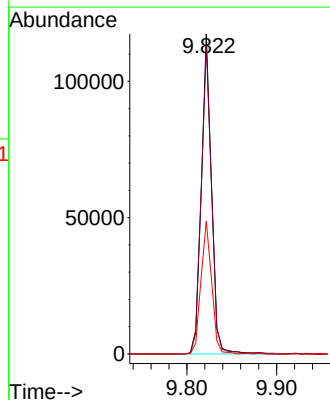
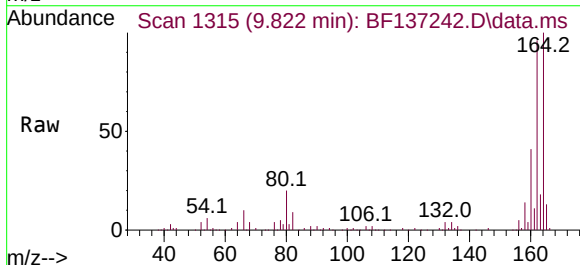
Instrument :
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ClientSampleId :
TR-614-COMP-01

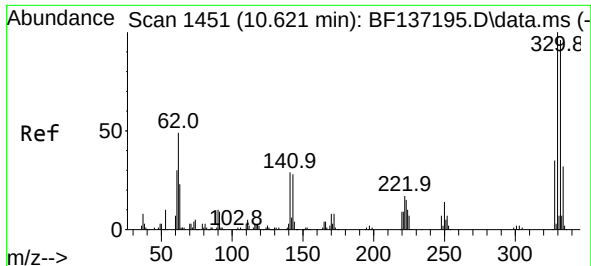
Tgt Ion:139 Resp: 64
Ion Ratio Lower Upper
139 100
109 0.0 28.5 42.7#
65 0.0 46.7 70.1#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.822 min Scan# 1315
Delta R.T. -0.005 min
Lab File: BF137242.D
Acq: 01 Feb 2024 20:24

Tgt Ion:164 Resp: 91881
Ion Ratio Lower Upper
164 100
162 96.3 78.3 117.5
160 41.5 35.4 53.2





#42

2,4,6-Tribromophenol

Concen: 129.862 ng

RT: 10.616 min Scan# 1451

Delta R.T. -0.006 min

Lab File: BF137242.D

Acq: 01 Feb 2024 20:24

Instrument :

BNA_F

ClientSampleId :

TR-614-COMP-01

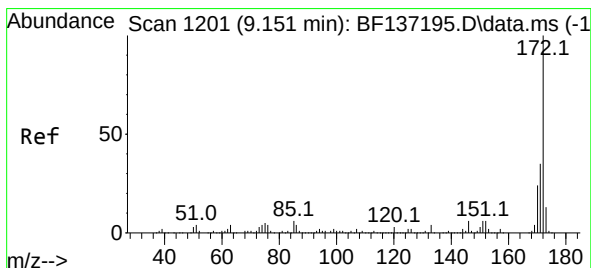
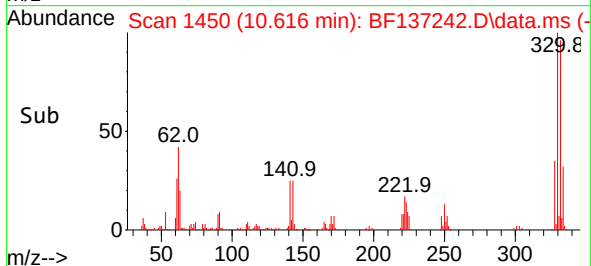
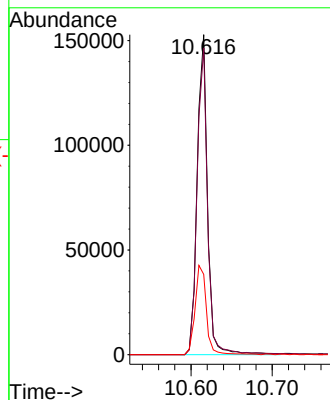
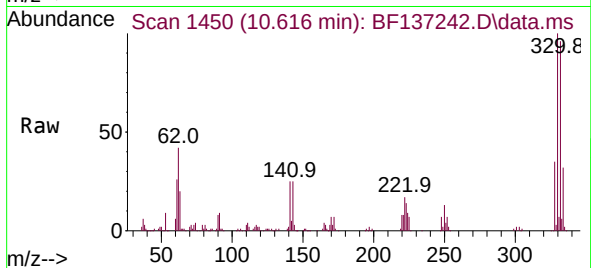
Tgt Ion:330 Resp: 134753

Ion Ratio Lower Upper

330 100

332 97.5 77.3 115.9

141 30.4 25.2 37.8



#45

2-Fluorobiphenyl

Concen: 96.973 ng

RT: 9.145 min Scan# 1200

Delta R.T. -0.006 min

Lab File: BF137242.D

Acq: 01 Feb 2024 20:24

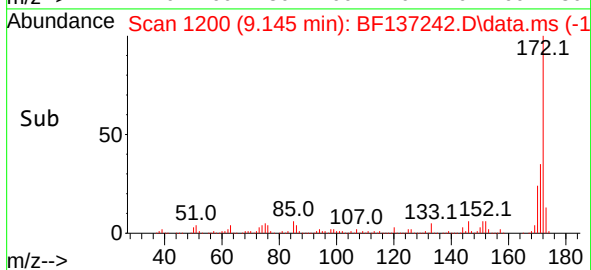
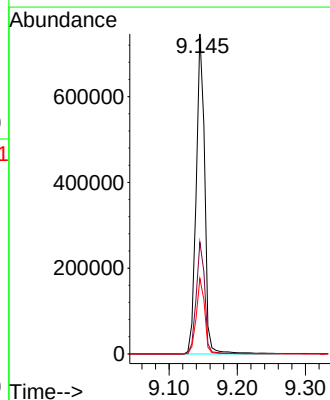
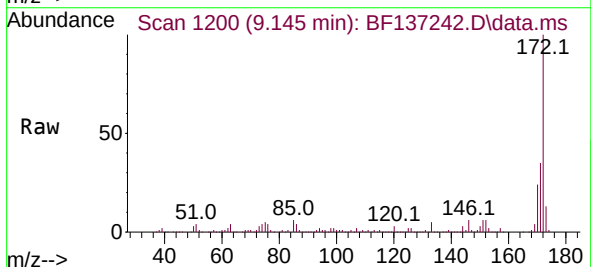
Tgt Ion:172 Resp: 648151

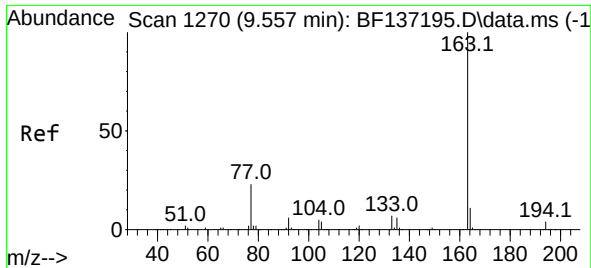
Ion Ratio Lower Upper

172 100

171 34.9 28.3 42.5

170 23.6 19.1 28.7

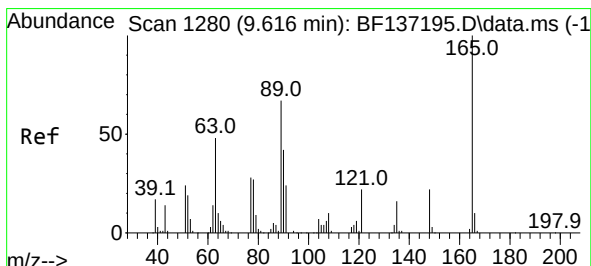
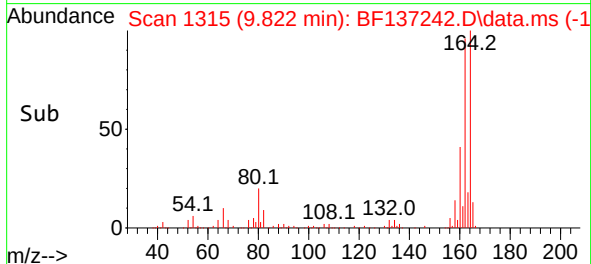
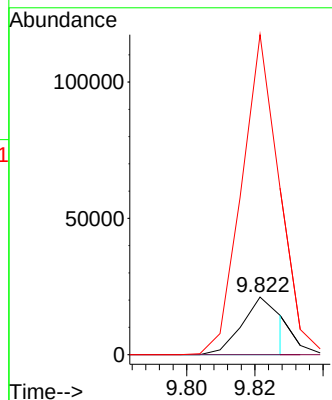
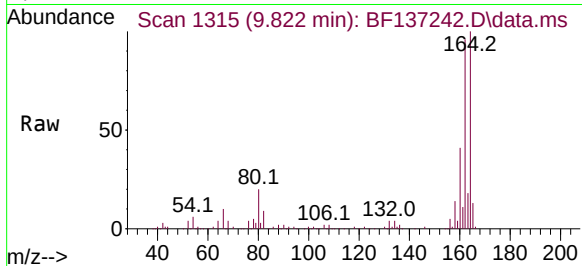




#50
Dimethylphthalate
Concen: 2.680 ng
RT: 9.822 min Scan# 1315
Delta R.T. 0.264 min
Lab File: BF137242.D
Acq: 01 Feb 2024 20:24

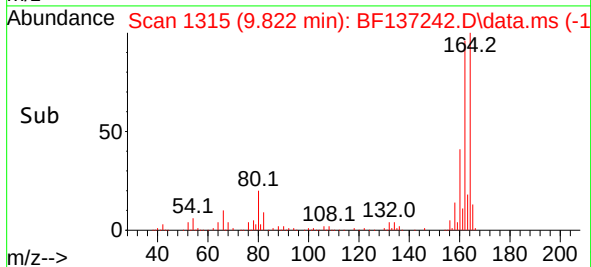
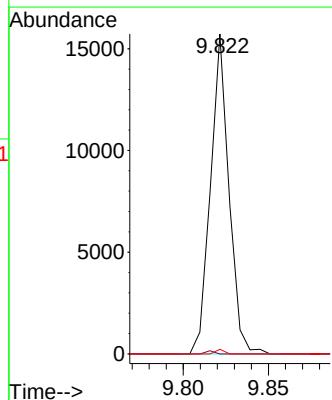
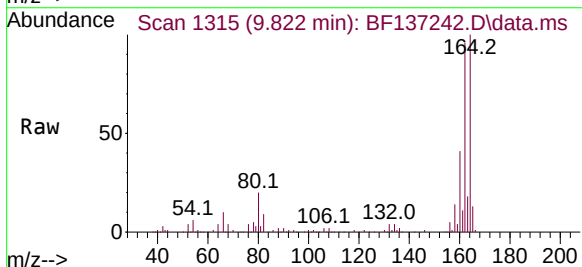
Instrument :
BNA_F
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TR-614-COMP-01

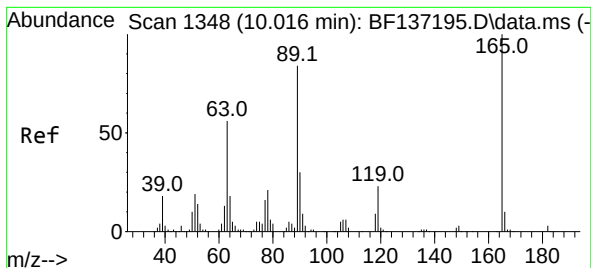
Tgt Ion:163 Resp: 16634
Ion Ratio Lower Upper
163 100
194 0.0 3.3 4.9#
164 555.8 8.6 13.0#



#51
2,6-Dinitrotoluene
Concen: 8.941 ng
RT: 9.822 min Scan# 1315
Delta R.T. 0.206 min
Lab File: BF137242.D
Acq: 01 Feb 2024 20:24

Tgt Ion:165 Resp: 11835
Ion Ratio Lower Upper
165 100
63 0.0 55.1 82.7#
89 1.4 53.5 80.3#

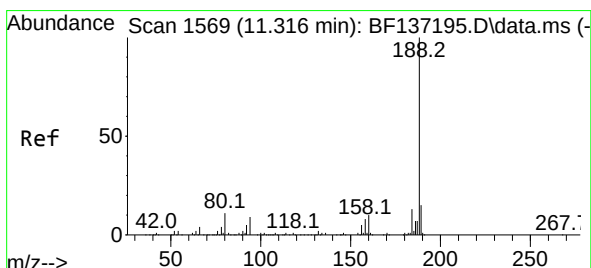
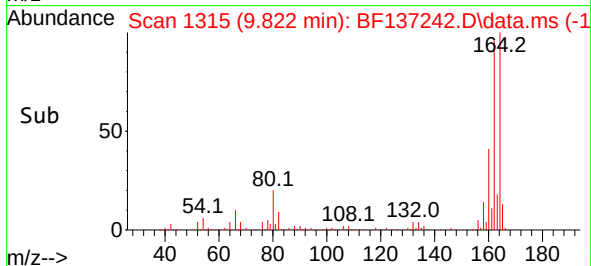
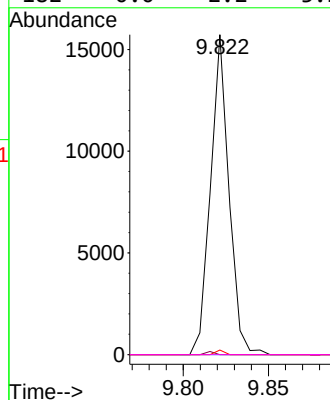
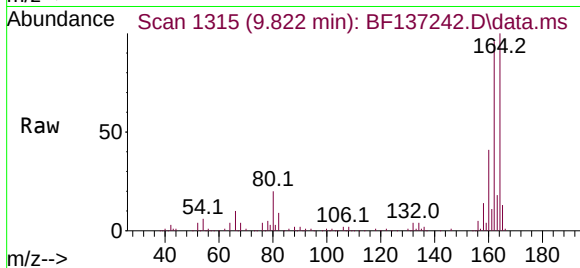




#57
2,4-Dinitrotoluene
Concen: 6.891 ng
RT: 9.822 min Scan# 1348
Delta R.T. -0.194 min
Lab File: BF137242.D
Acq: 01 Feb 2024 20:24

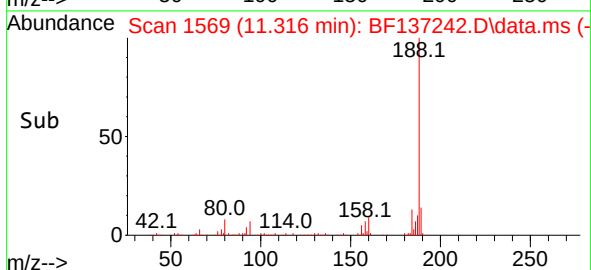
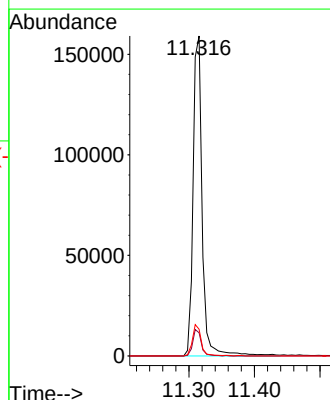
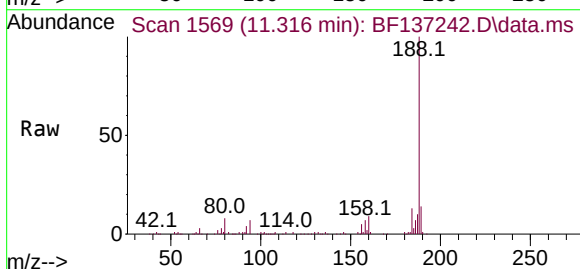
Instrument :
BNA_F
ClientSampleId :
TR-614-COMP-01

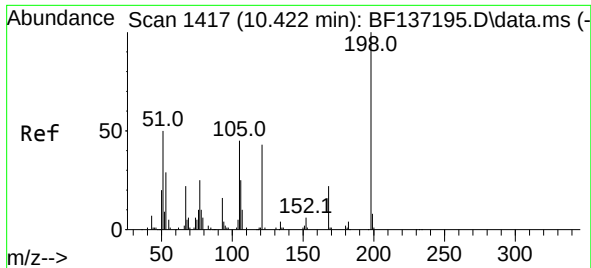
Tgt Ion:165 Resp: 11835
Ion Ratio Lower Upper
165 100
63 0.0 46.1 69.1#
89 1.4 67.5 101.3#
182 0.0 2.2 3.2#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.316 min Scan# 1569
Delta R.T. -0.000 min
Lab File: BF137242.D
Acq: 01 Feb 2024 20:24

Tgt Ion:188 Resp: 153675
Ion Ratio Lower Upper
188 100
94 7.2 7.0 10.4
80 8.3 8.8 13.2#

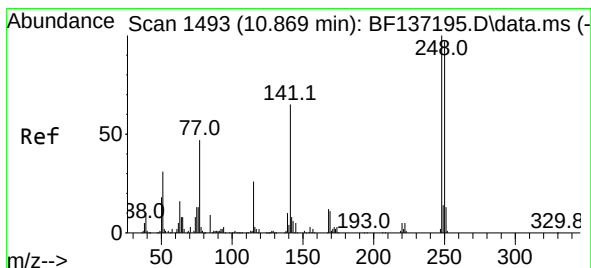
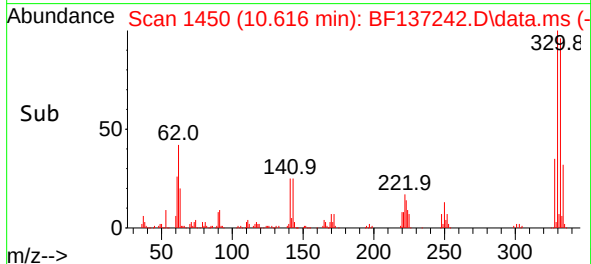
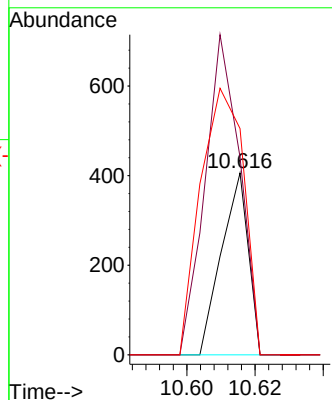
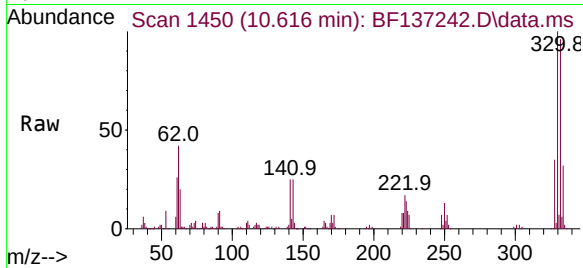




#65
4,6-Dinitro-2-methylphenol
Concen: 5.695 ng
RT: 10.616 min Scan# 1417
Delta R.T. 0.194 min
Lab File: BF137242.D
Acq: 01 Feb 2024 20:24

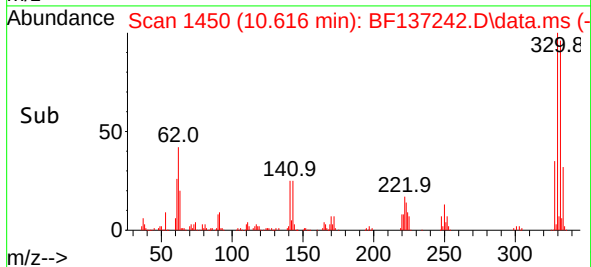
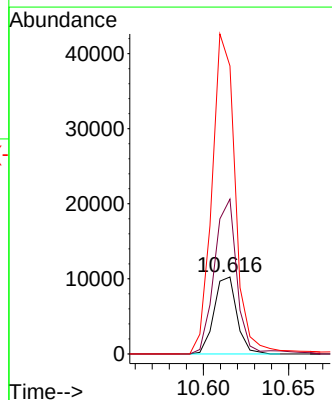
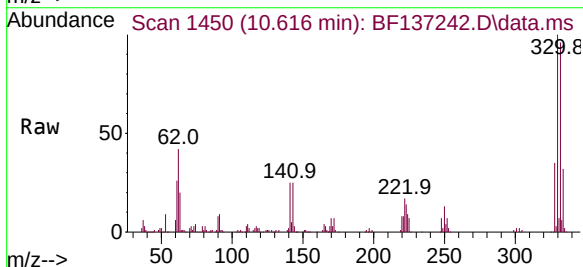
Instrument :
BNA_F
ClientSampleId :
TR-614-COMP-01

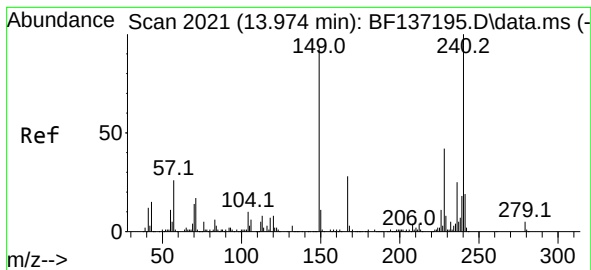
Tgt Ion:198 Resp: 221
Ion Ratio Lower Upper
198 100
51 108.6 40.9 80.9#
105 124.4 26.5 66.5#



#67
4-Bromophenyl-phenylether
Concen: 5.632 ng
RT: 10.616 min Scan# 1450
Delta R.T. -0.253 min
Lab File: BF137242.D
Acq: 01 Feb 2024 20:24

Tgt Ion:248 Resp: 9517
Ion Ratio Lower Upper
248 100
250 201.1 77.7 116.5#
141 374.0 51.6 77.4#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.962 min Scan# 20

Delta R.T. -0.012 min

Lab File: BF137242.D

Acq: 01 Feb 2024 20:24

Instrument :

BNA_F

ClientSampleId :

TR-614-COMP-01

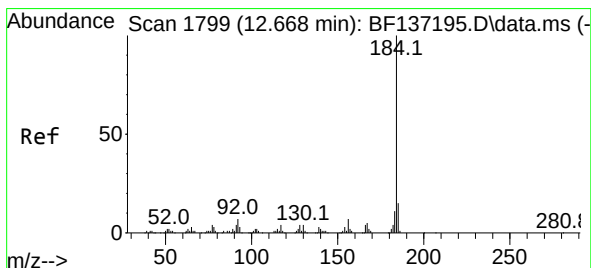
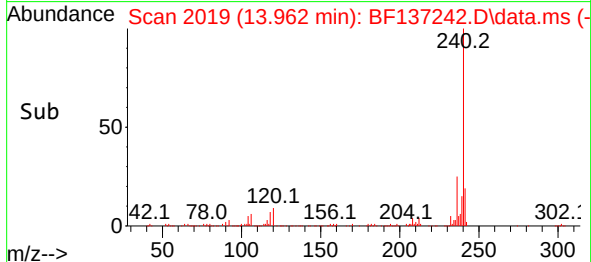
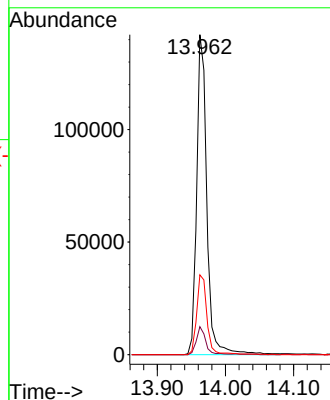
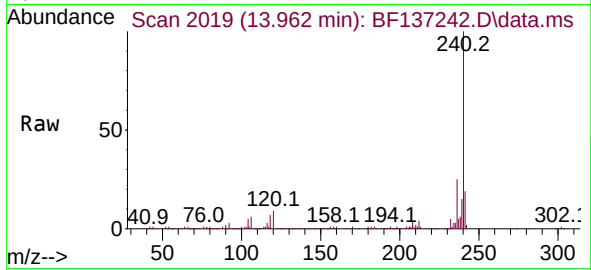
Tgt Ion:240 Resp: 147171

Ion Ratio Lower Upper

240 100

120 8.7 6.3 9.5

236 24.9 20.3 30.5



#77

Benzidine

Concen: 3.489 ng

RT: 12.915 min Scan# 1841

Delta R.T. 0.247 min

Lab File: BF137242.D

Acq: 01 Feb 2024 20:24

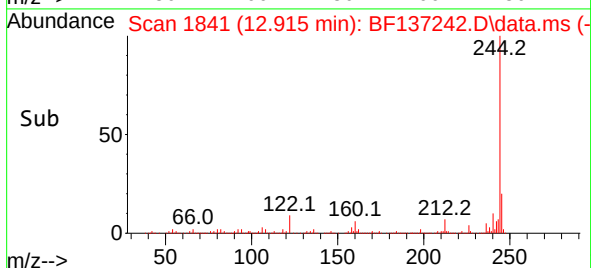
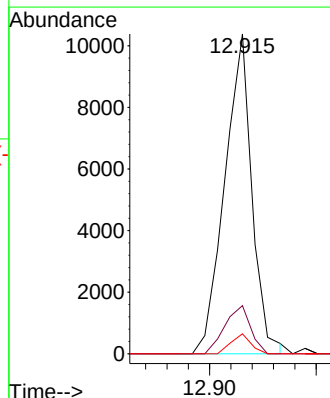
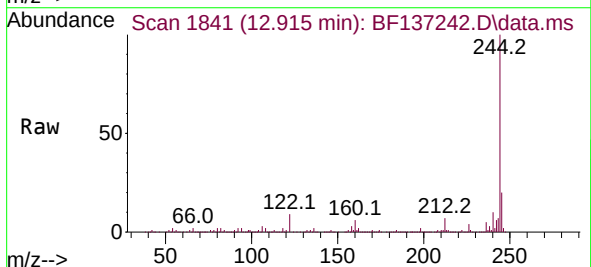
Tgt Ion:184 Resp: 9194

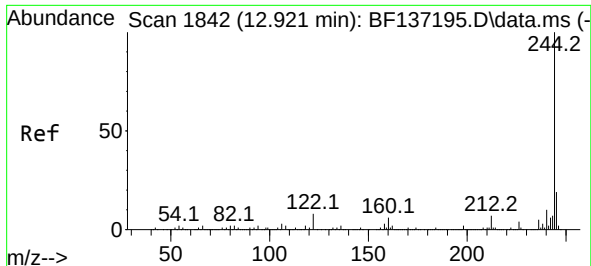
Ion Ratio Lower Upper

184 100

185 15.1 11.9 17.9

183 6.2 8.8 13.2#

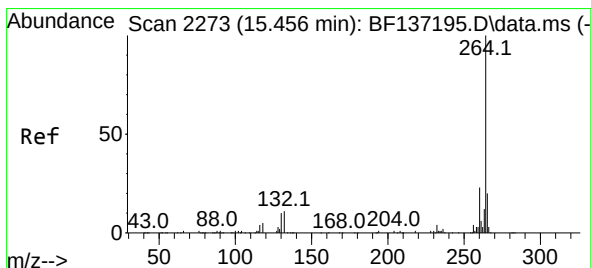
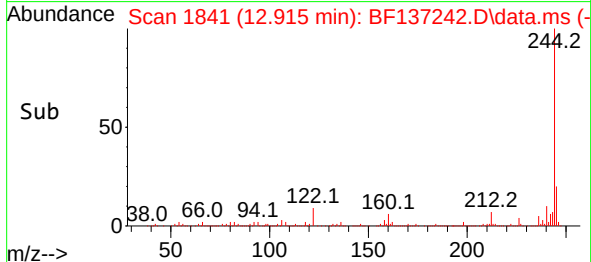
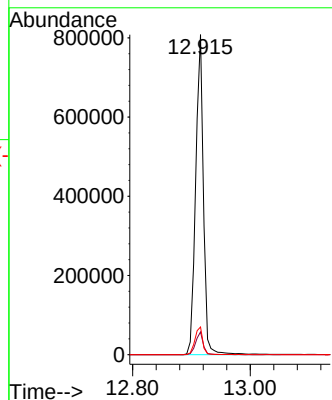
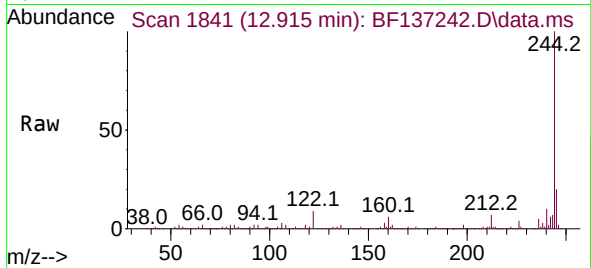




#79
Terphenyl-d14
Concen: 68.367 ng
RT: 12.915 min Scan# 1841
Delta R.T. -0.006 min
Lab File: BF137242.D
Acq: 01 Feb 2024 20:24

Instrument :
BNA_F
ClientSampleId :
TR-614-COMP-01

Tgt Ion:244 Resp: 740129
Ion Ratio Lower Upper
244 100
212 7.1 5.5 8.3
122 8.6 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: BF137242.D
Acq: 01 Feb 2024 20:24

Tgt Ion:264 Resp: 121576
Ion Ratio Lower Upper
264 100
260 23.2 18.2 27.4
265 20.6 16.2 24.2

