

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020124\
 Data File : BF137246.D
 Acq On : 01 Feb 2024 22:23
 Operator : CG\JU
 Sample : P1307-16
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TR-614-COMP-03

Quant Time: Feb 02 01:47:07 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)

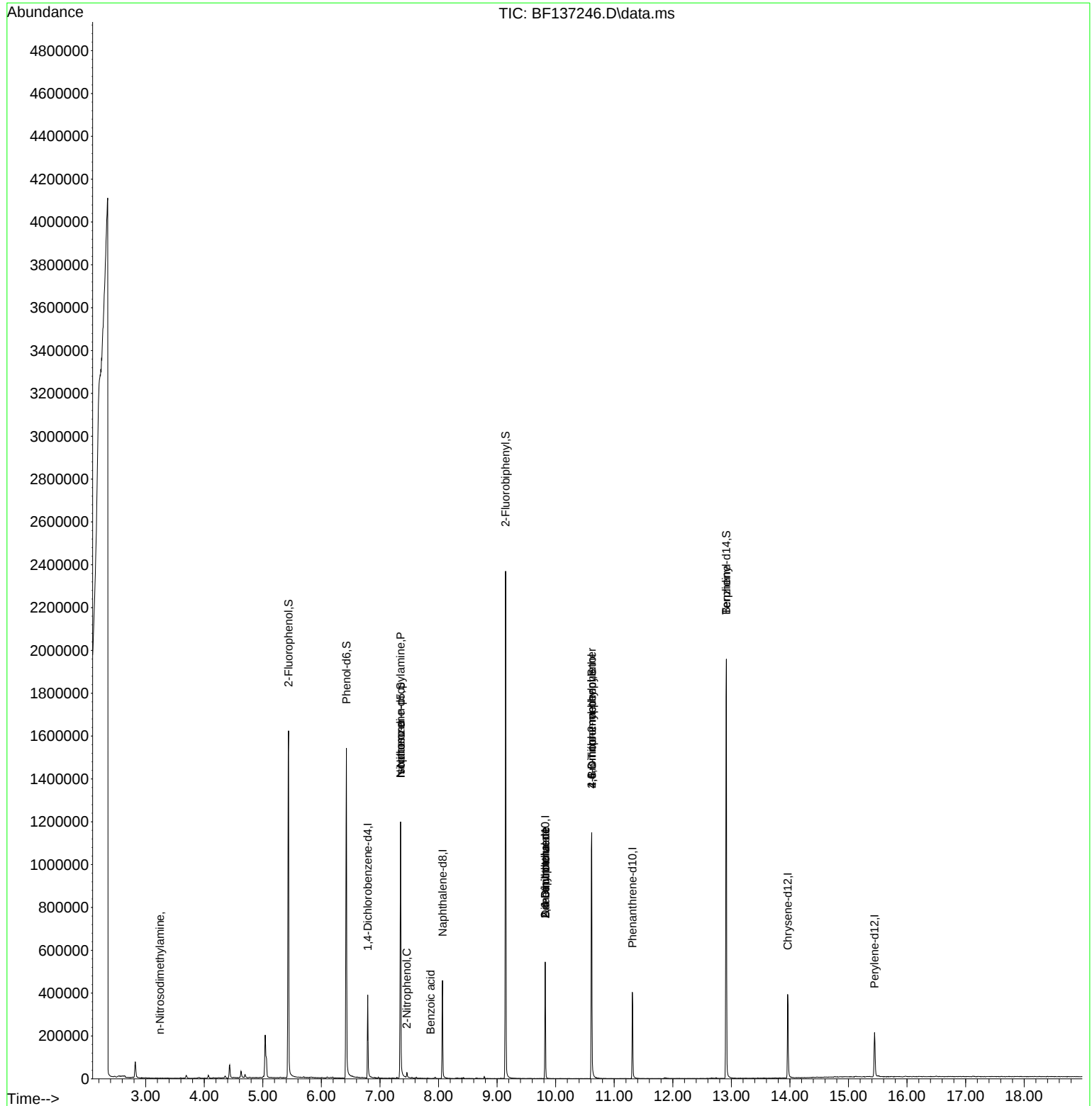
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.792	152	52907	20.000	ng	0.00
21) Naphthalene-d8	8.069	136	196607	20.000	ng	0.00
39) Acenaphthene-d10	9.822	164	103089	20.000	ng	0.00
64) Phenanthrene-d10	11.310	188	166807	20.000	ng	0.00
76) Chrysene-d12	13.963	240	149140	20.000	ng	-0.01
86) Perylene-d12	15.445	264	108752	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.440	112	446030	139.109	ng	0.02
7) Phenol-d6	6.428	99	518208	113.251	ng	0.00
23) Nitrobenzene-d5	7.351	82	410229	93.418	ng	0.00
42) 2,4,6-Tribromophenol	10.616	330	146433	125.776	ng	0.00
45) 2-Fluorobiphenyl	9.145	172	696068	92.819	ng	0.00
79) Terphenyl-d14	12.916	244	733351	66.847	ng	0.00
Target Compounds					Qvalue	
4) n-Nitrosodimethylamine	3.246	42	170	6.145	ng	# 1
19) n-Nitroso-di-n-propyla...	7.351	70	55433	17.669	ng	# 77
25) Isophorone	7.351	82	410225	50.610	ng	# 67
26) 2-Nitrophenol	7.457	139	241	2.589	ng	# 28
32) Benzoic acid	7.863	122	58	8.347	ng	# 1
50) Dimethylphthalate	9.822	163	18723	2.688	ng	# 1
51) 2,6-Dinitrotoluene	9.822	165	12895	8.683	ng	# 18
57) 2,4-Dinitrotoluene	9.822	165	12895	6.692	ng	# 17
65) 4,6-Dinitro-2-methylph...	10.616	198	180	5.635	ng	# 1
67) 4-Bromophenyl-phenylether	10.616	248	10222	5.573	ng	# 1
77) Benzidine	12.916	184	8855	3.316	ng	# 92

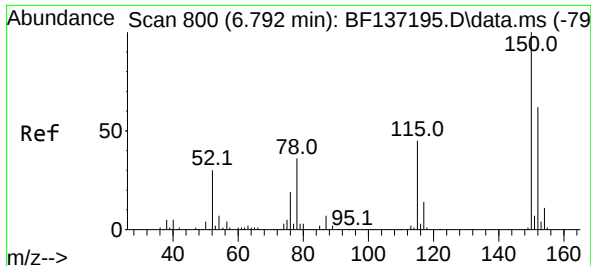
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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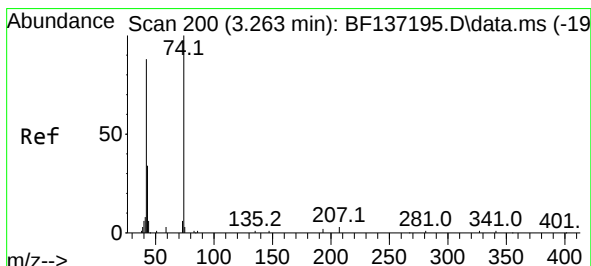
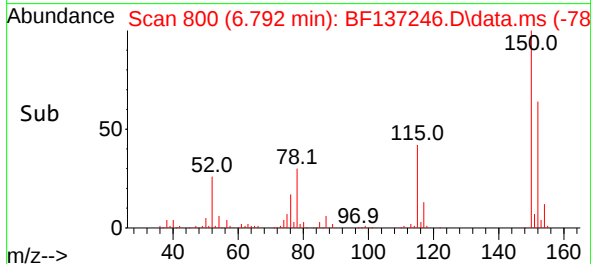
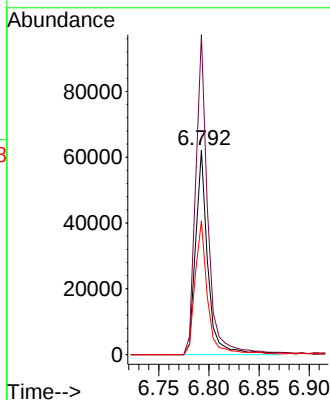
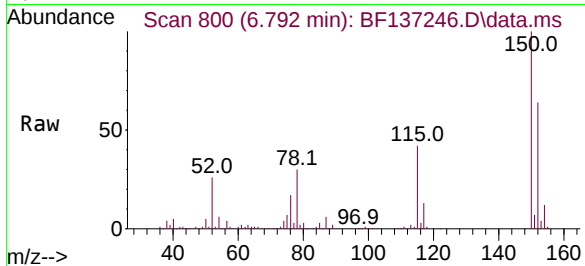




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.792 min Scan# 800
Delta R.T. 0.000 min
Lab File: BF137246.D
Acq: 01 Feb 2024 22:23

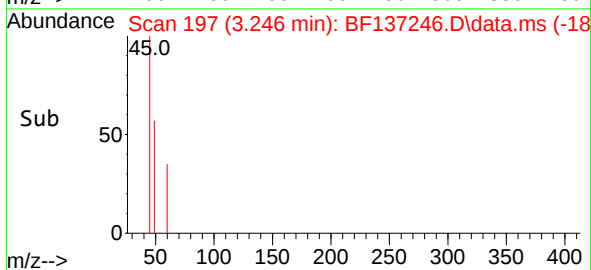
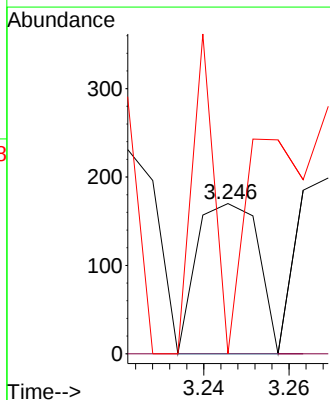
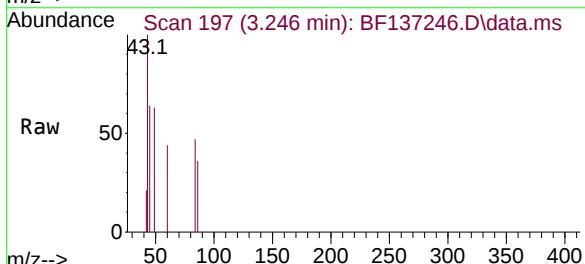
Instrument :
BNA_F
ClientSampleId :
TR-614-COMP-03

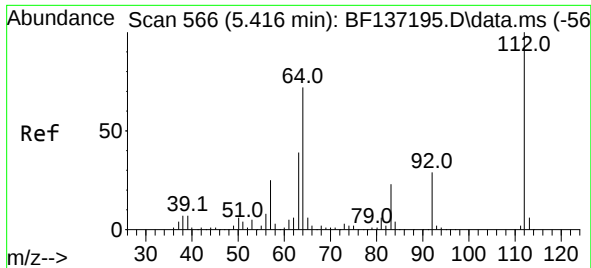
Tgt Ion:152 Resp: 52907
Ion Ratio Lower Upper
152 100
150 156.6 129.8 194.8
115 65.5 58.5 87.7



#4
n-Nitrosodimethylamine
Concen: 6.145 ng
RT: 3.246 min Scan# 197
Delta R.T. -0.017 min
Lab File: BF137246.D
Acq: 01 Feb 2024 22:23

Tgt Ion: 42 Resp: 170
Ion Ratio Lower Upper
42 100
74 0.0 90.5 135.7#
44 0.0 6.1 9.1#

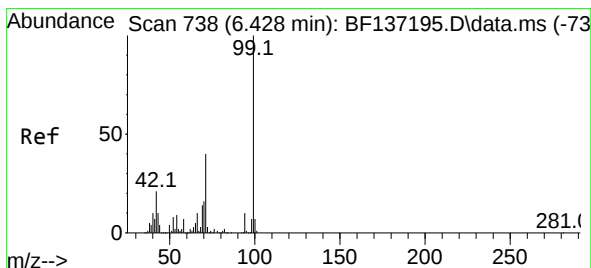
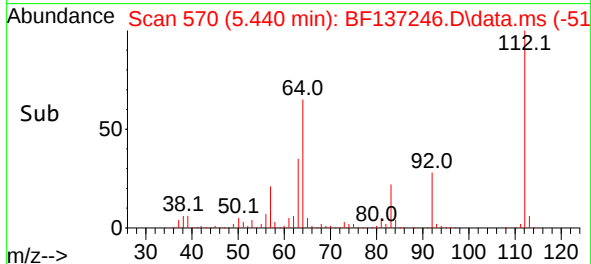
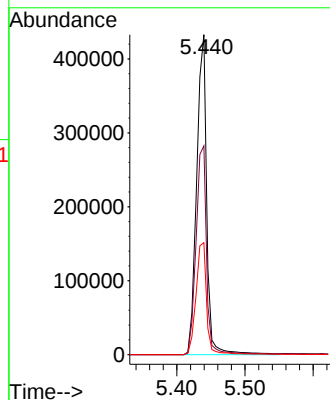
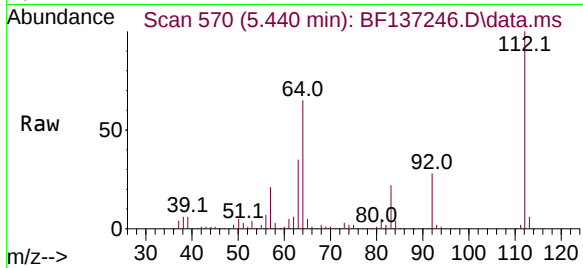




#5
2-Fluorophenol
Concen: 139.109 ng
RT: 5.440 min Scan# 51
Delta R.T. 0.024 min
Lab File: BF137246.D
Acq: 01 Feb 2024 22:23

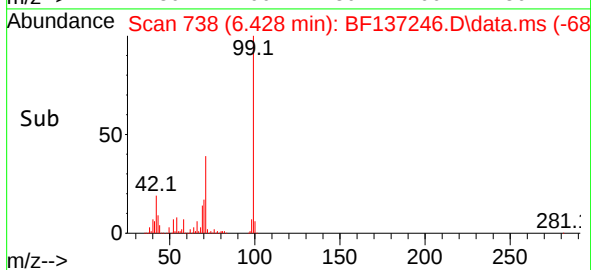
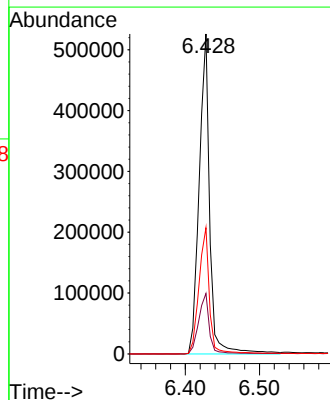
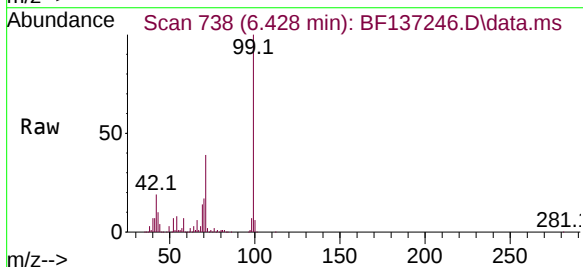
Instrument :
BNA_F
ClientSampleId :
TR-614-COMP-03

Tgt Ion:112 Resp: 446030
Ion Ratio Lower Upper
112 100
64 65.2 57.8 86.6
63 35.0 31.4 47.0



#7
Phenol-d6
Concen: 113.251 ng
RT: 6.428 min Scan# 738
Delta R.T. 0.000 min
Lab File: BF137246.D
Acq: 01 Feb 2024 22:23

Tgt Ion: 99 Resp: 518208
Ion Ratio Lower Upper
99 100
42 18.9 16.4 24.6
71 39.4 32.4 48.6

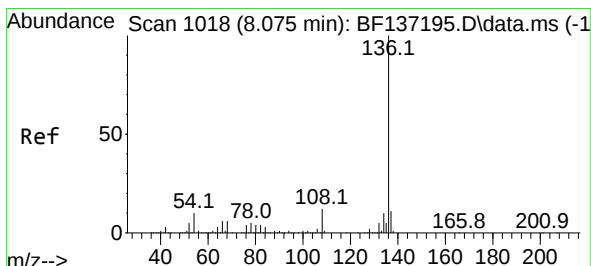
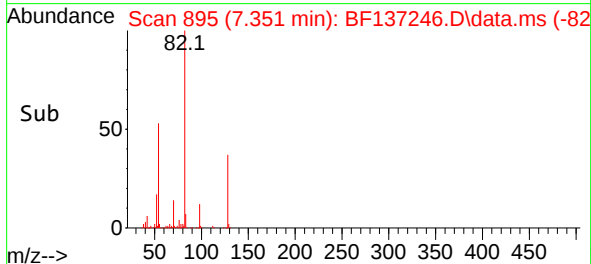
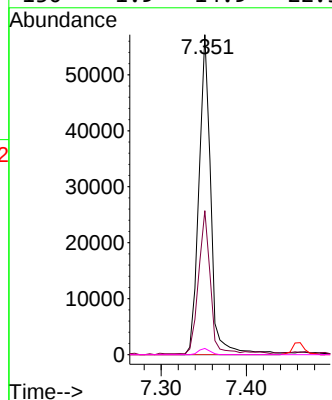
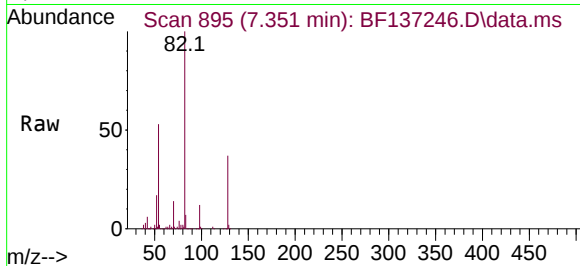




#19
n-Nitroso-di-n-propylamine
Concen: 17.669 ng
RT: 7.351 min Scan# 89
Delta R.T. 0.141 min
Lab File: BF137246.D
Acq: 01 Feb 2024 22:23

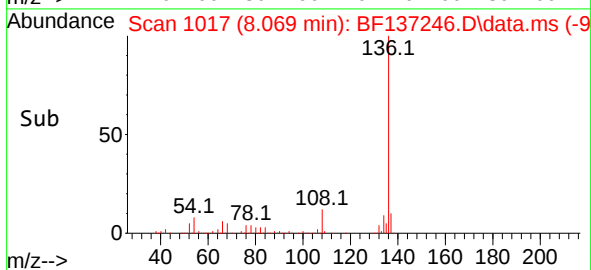
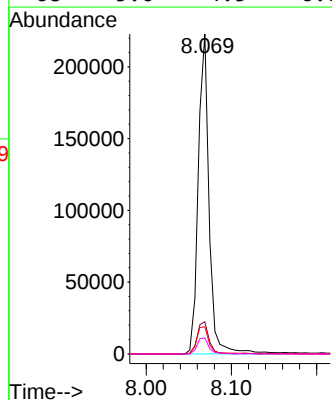
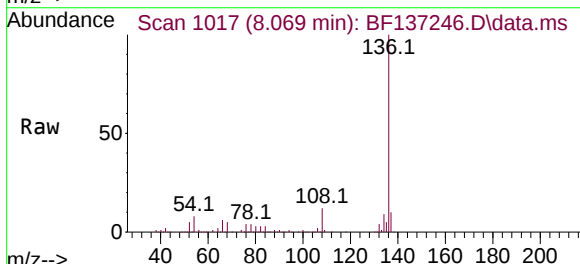
Instrument :
BNA_F
ClientSampleId :
TR-614-COMP-03

Tgt Ion:	70	Resp:	55433
Ion	Ratio	Lower	Upper
70	100		
42	45.0	47.2	70.8#
101	0.0	7.4	11.0#
130	1.9	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: BF137246.D
Acq: 01 Feb 2024 22:23

Tgt Ion:	136	Resp:	196607
Ion	Ratio	Lower	Upper
136	100		
137	10.0	8.9	13.3
54	8.5	7.8	11.8
68	5.0	4.5	6.7

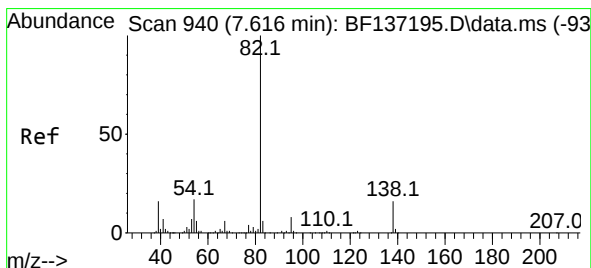
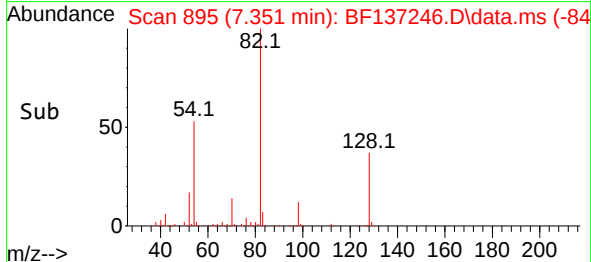
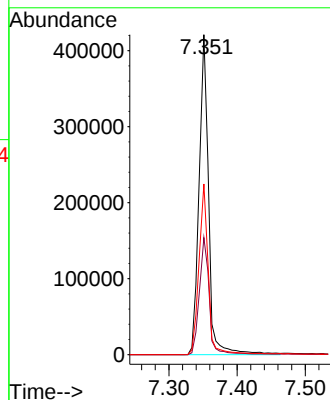
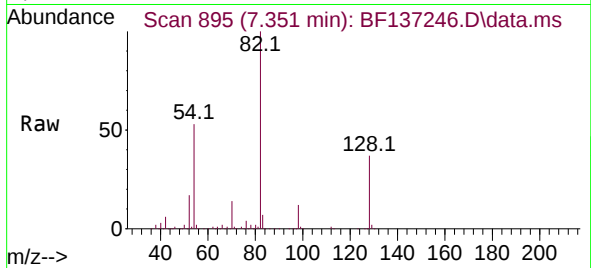




#23
Nitrobenzene-d5
Concen: 93.418 ng
RT: 7.351 min Scan# 895
Delta R.T. -0.006 min
Lab File: BF137246.D
Acq: 01 Feb 2024 22:23

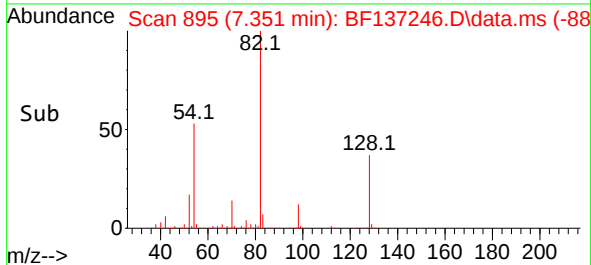
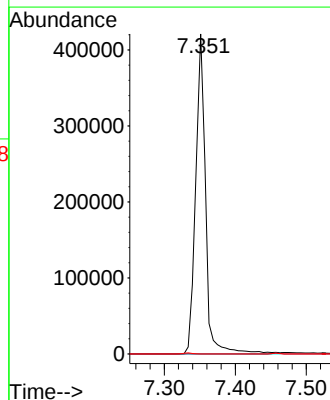
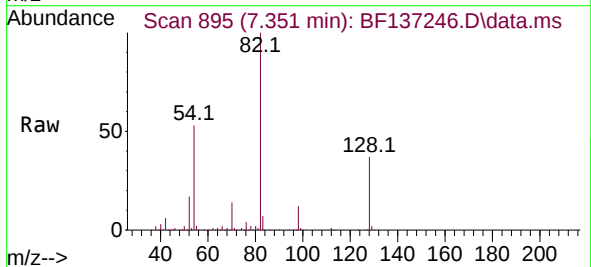
Instrument :
BNA_F
ClientSampleId :
TR-614-COMP-03

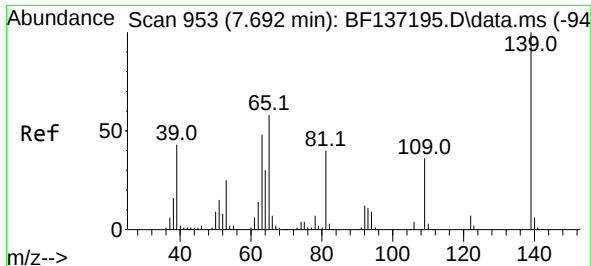
Tgt Ion: 82 Resp: 410229
Ion Ratio Lower Upper
82 100
128 36.6 29.1 43.7
54 53.3 45.0 67.6



#25
Isophorone
Concen: 50.610 ng
RT: 7.351 min Scan# 895
Delta R.T. -0.265 min
Lab File: BF137246.D
Acq: 01 Feb 2024 22:23

Tgt Ion: 82 Resp: 410225
Ion Ratio Lower Upper
82 100
95 0.0 6.4 9.6#
138 0.0 12.7 19.1#

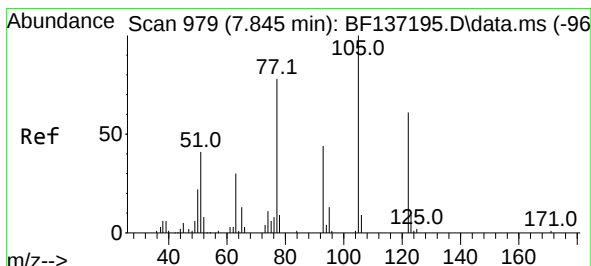
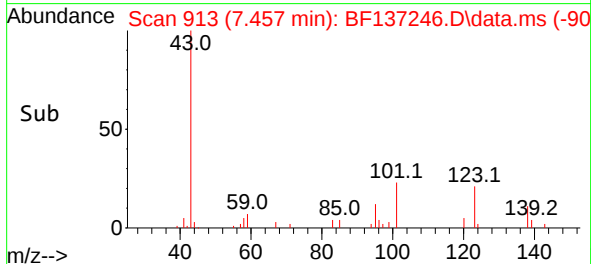
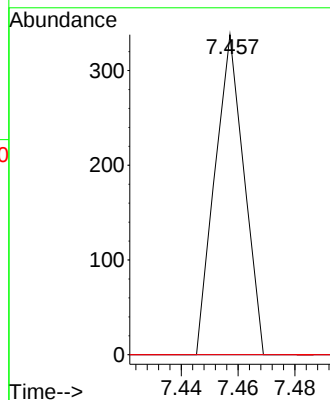
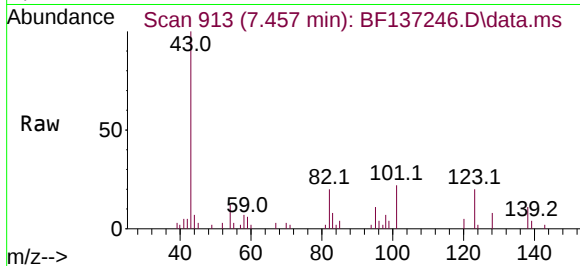




#26
2-Nitrophenol
Concen: 2.589 ng
RT: 7.457 min Scan# 911
Delta R.T. -0.235 min
Lab File: BF137246.D
Acq: 01 Feb 2024 22:23

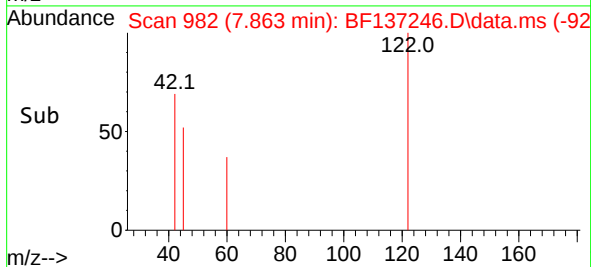
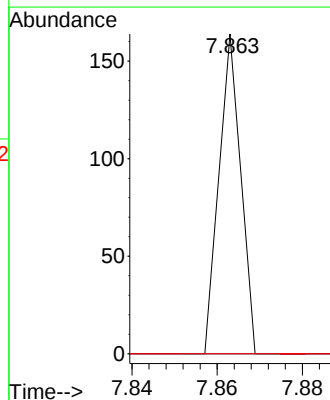
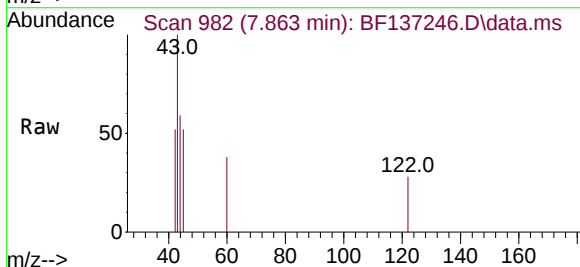
Instrument :
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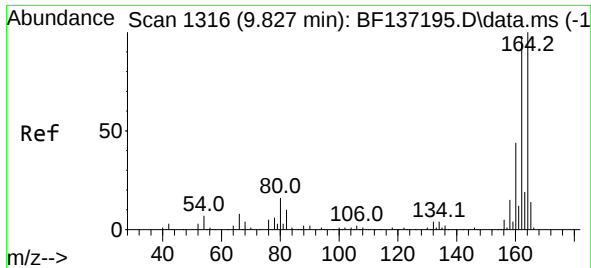
Tgt Ion:139 Resp: 241
Ion Ratio Lower Upper
139 100
109 0.0 28.5 42.7#
65 0.0 46.7 70.1#



#32
Benzoic acid
Concen: 8.347 ng
RT: 7.863 min Scan# 982
Delta R.T. 0.018 min
Lab File: BF137246.D
Acq: 01 Feb 2024 22:23

Tgt Ion:122 Resp: 58
Ion Ratio Lower Upper
122 100
105 0.0 122.5 162.5#
77 0.0 96.4 136.4#

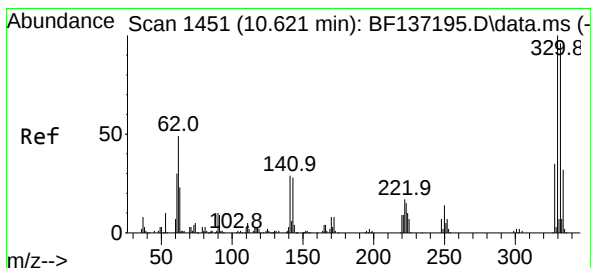
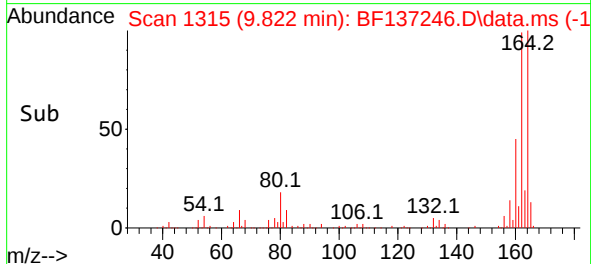
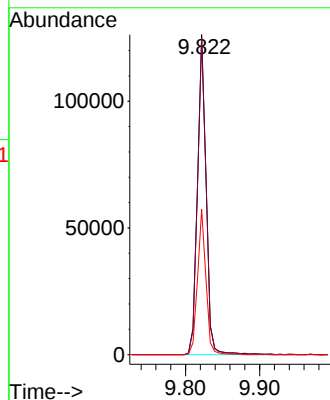
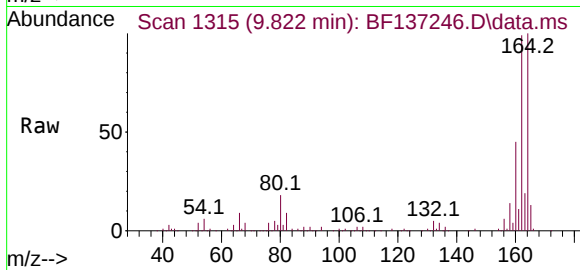




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.822 min Scan# 1316
Delta R.T. -0.005 min
Lab File: BF137246.D
Acq: 01 Feb 2024 22:23

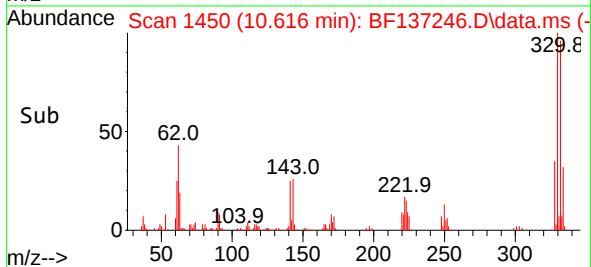
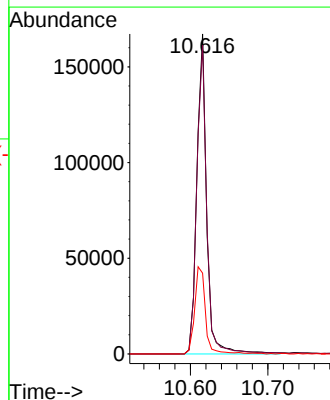
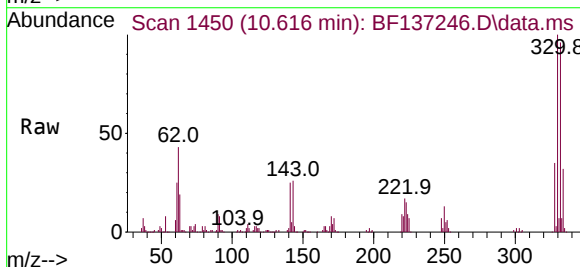
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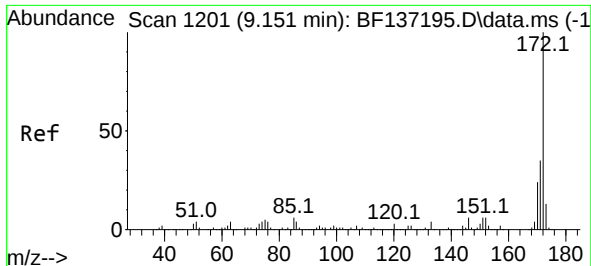
Tgt Ion:164 Resp: 103089
Ion Ratio Lower Upper
164 100
162 98.8 78.3 117.5
160 45.4 35.4 53.2



#42
2,4,6-Tribromophenol
Concen: 125.776 ng
RT: 10.616 min Scan# 1450
Delta R.T. -0.006 min
Lab File: BF137246.D
Acq: 01 Feb 2024 22:23

Tgt Ion:330 Resp: 146433
Ion Ratio Lower Upper
330 100
332 98.5 77.3 115.9
141 30.1 25.2 37.8





#45

2-Fluorobiphenyl

Concen: 92.819 ng

RT: 9.145 min Scan# 1315

Delta R.T. -0.006 min

Lab File: BF137246.D

Acq: 01 Feb 2024 22:23

Instrument :

BNA_F

ClientSampleId :

TR-614-COMP-03

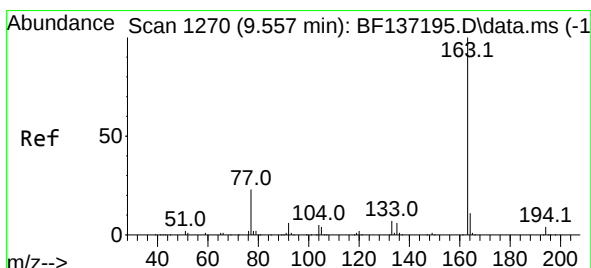
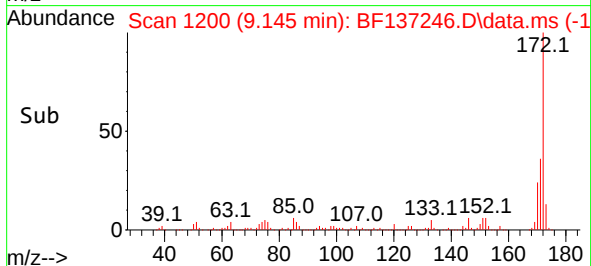
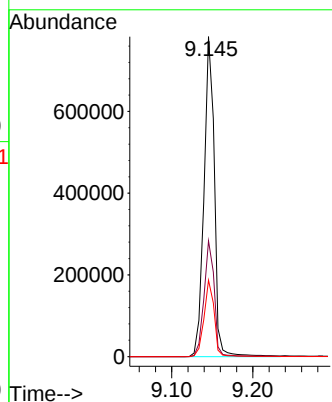
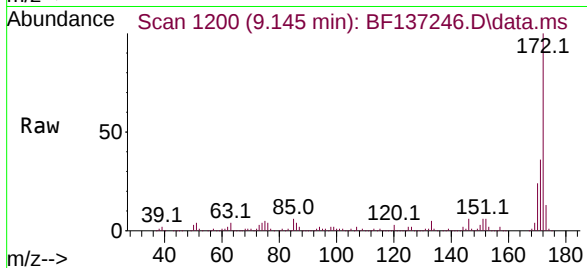
Tgt Ion:172 Resp: 696068

Ion Ratio Lower Upper

172 100

171 36.2 28.3 42.5

170 23.9 19.1 28.7



#50

Dimethylphthalate

Concen: 2.688 ng

RT: 9.822 min Scan# 1315

Delta R.T. 0.265 min

Lab File: BF137246.D

Acq: 01 Feb 2024 22:23

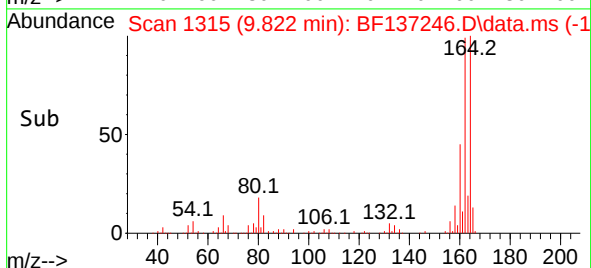
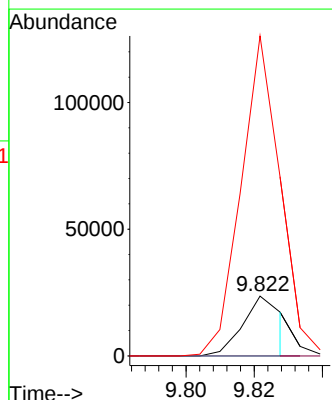
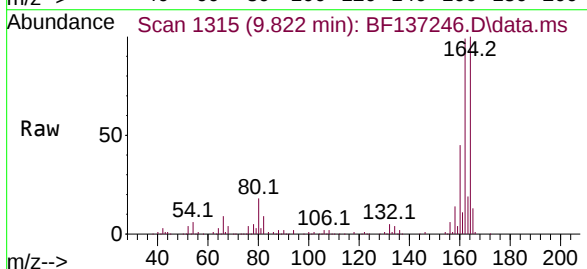
Tgt Ion:163 Resp: 18723

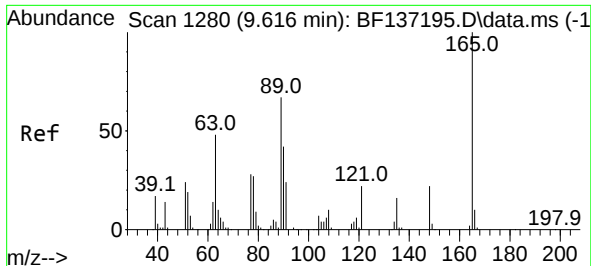
Ion Ratio Lower Upper

163 100

194 0.0 3.3 4.9#

164 535.7 8.6 13.0#

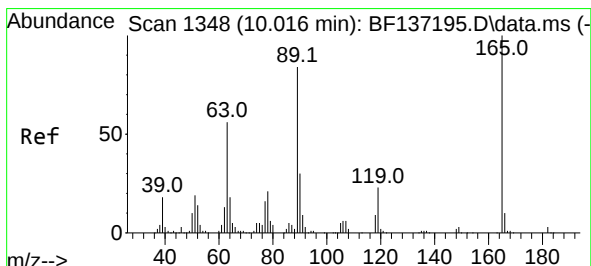
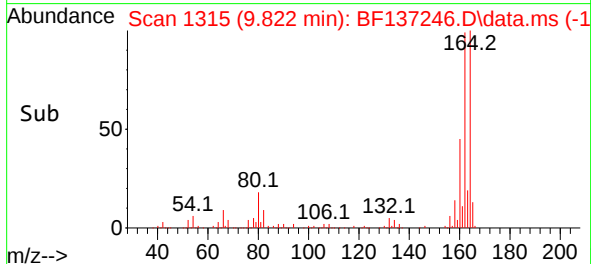
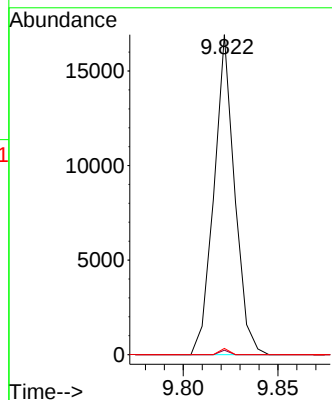
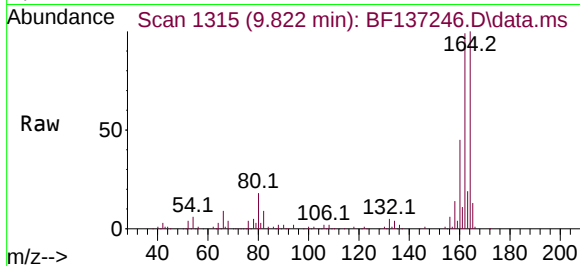




#51
2,6-Dinitrotoluene
Concen: 8.683 ng
RT: 9.822 min Scan# 1315
Delta R.T. 0.206 min
Lab File: BF137246.D
Acq: 01 Feb 2024 22:23

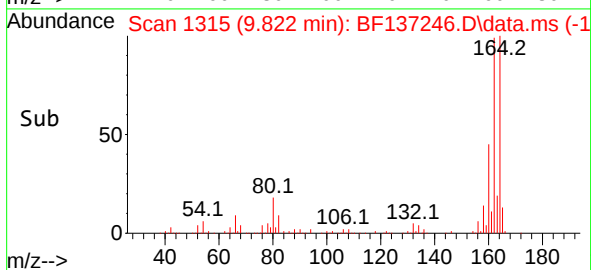
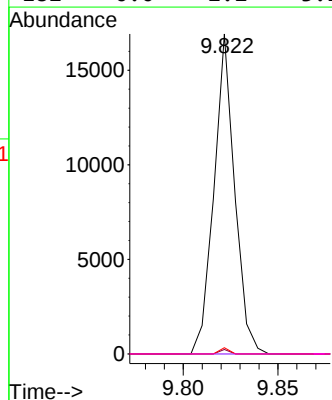
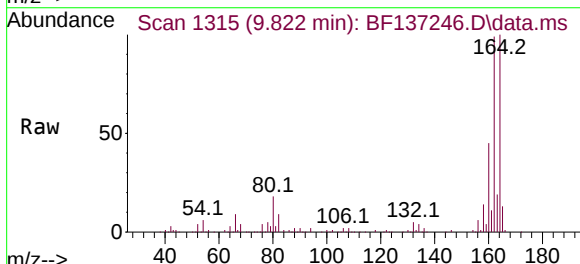
Instrument :
BNA_F
ClientSampleId :
TR-614-COMP-03

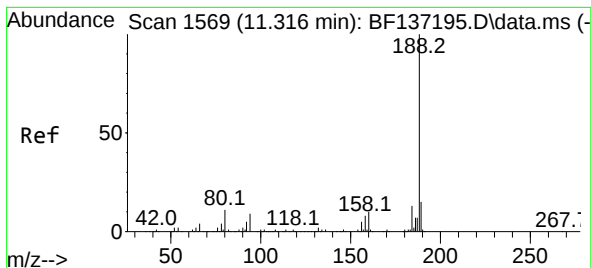
Tgt Ion:165 Resp: 12895
Ion Ratio Lower Upper
165 100
63 1.4 55.1 82.7#
89 1.9 53.5 80.3#



#57
2,4-Dinitrotoluene
Concen: 6.692 ng
RT: 9.822 min Scan# 1315
Delta R.T. -0.194 min
Lab File: BF137246.D
Acq: 01 Feb 2024 22:23

Tgt Ion:165 Resp: 12895
Ion Ratio Lower Upper
165 100
63 1.4 46.1 69.1#
89 1.9 67.5 101.3#
182 0.0 2.2 3.2#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.310 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF137246.D

Acq: 01 Feb 2024 22:23

Instrument :

BNA_F

ClientSampleId :

TR-614-COMP-03

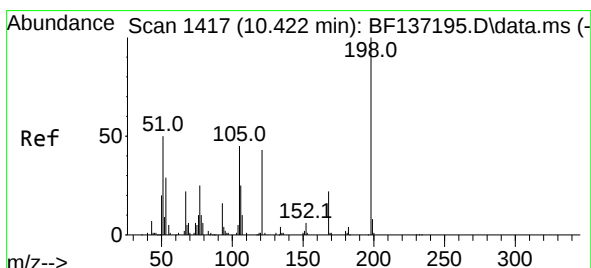
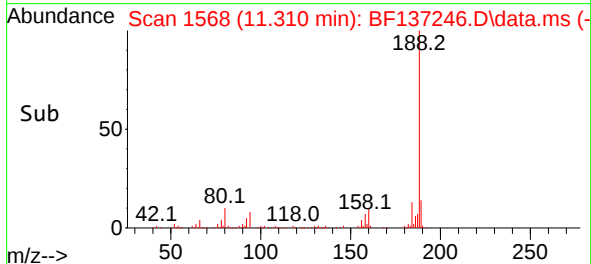
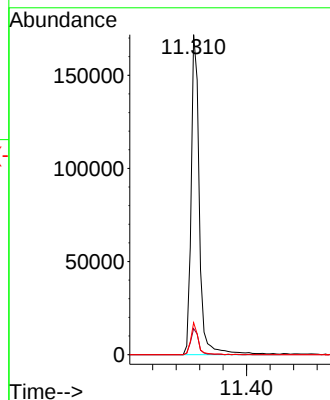
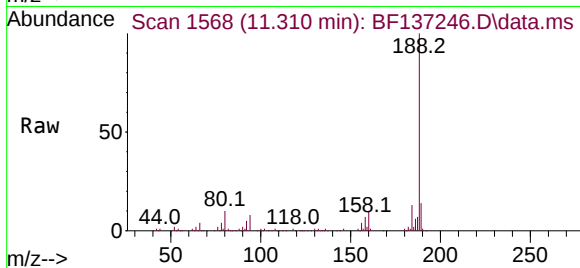
Tgt Ion:188 Resp: 166807

Ion Ratio Lower Upper

188 100

94 8.1 7.0 10.4

80 10.0 8.8 13.2



#65

4,6-Dinitro-2-methylphenol

Concen: 5.635 ng

RT: 10.616 min Scan# 1450

Delta R.T. 0.194 min

Lab File: BF137246.D

Acq: 01 Feb 2024 22:23

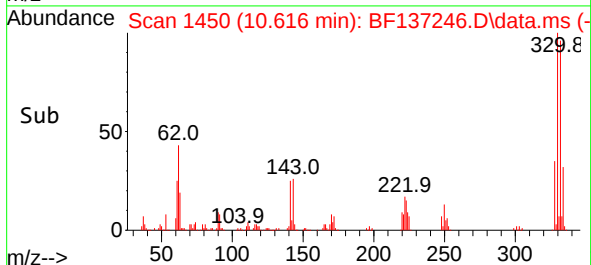
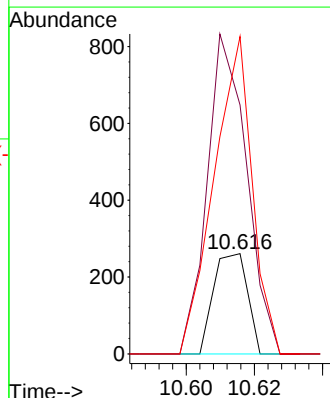
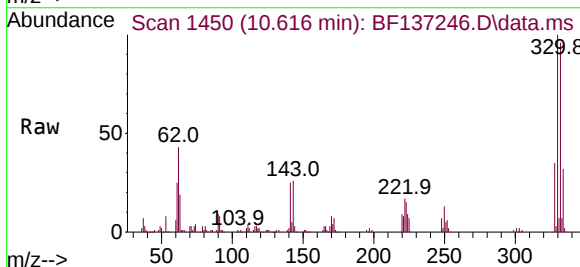
Tgt Ion:198 Resp: 180

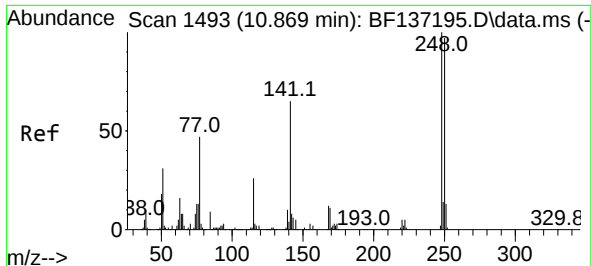
Ion Ratio Lower Upper

198 100

51 248.3 40.9 80.9#

105 316.5 26.5 66.5#

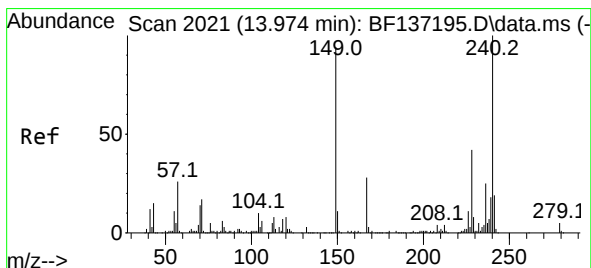
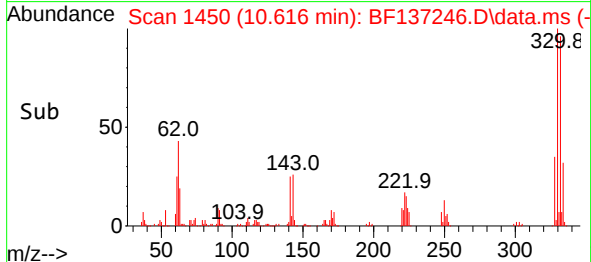
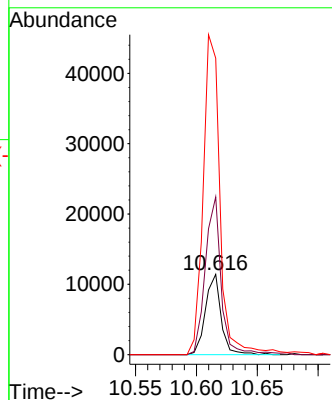
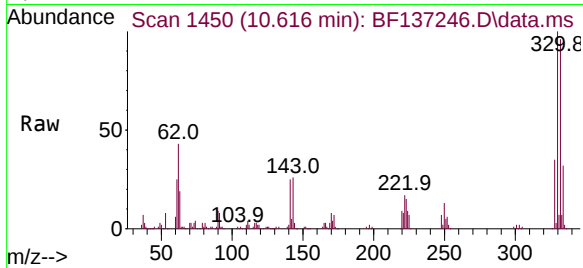




#67
4-Bromophenyl-phenylether
Concen: 5.573 ng
RT: 10.616 min Scan# 14
Delta R.T. -0.253 min
Lab File: BF137246.D
Acq: 01 Feb 2024 22:23

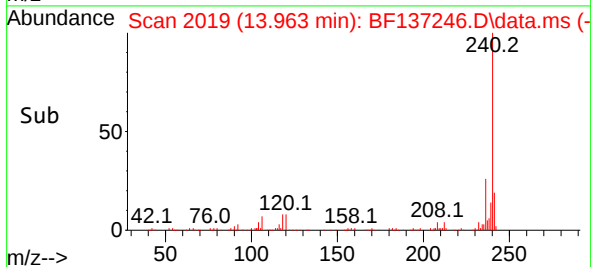
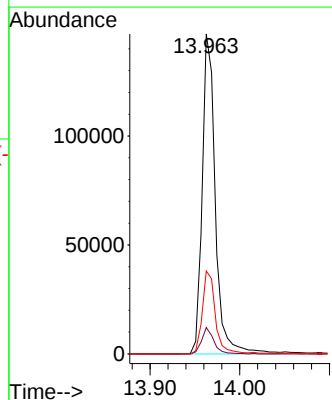
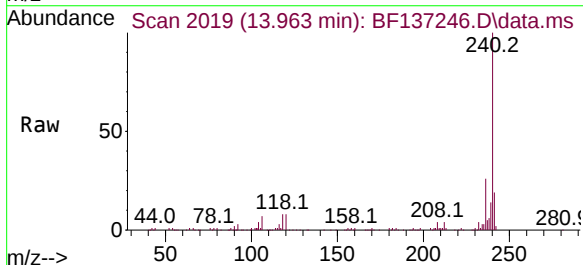
Instrument :
BNA_F
ClientSampleId :
TR-614-COMP-03

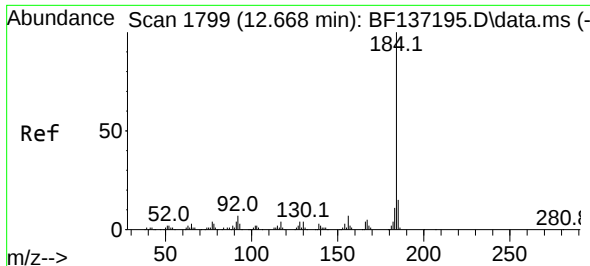
Tgt Ion:248 Resp: 10222
Ion Ratio Lower Upper
248 100
250 196.4 77.7 116.5#
141 369.4 51.6 77.4#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.963 min Scan# 2019
Delta R.T. -0.012 min
Lab File: BF137246.D
Acq: 01 Feb 2024 22:23

Tgt Ion:240 Resp: 149140
Ion Ratio Lower Upper
240 100
120 8.2 6.3 9.5
236 25.9 20.3 30.5

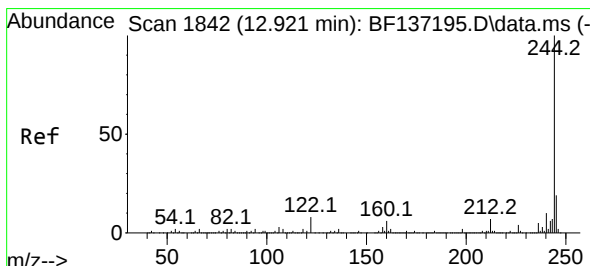
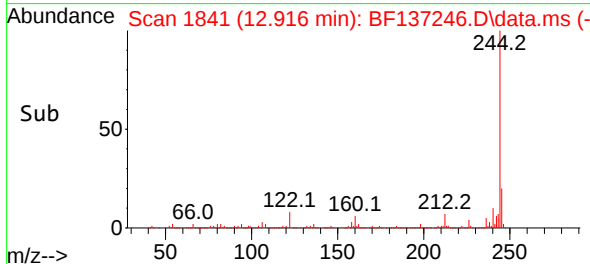
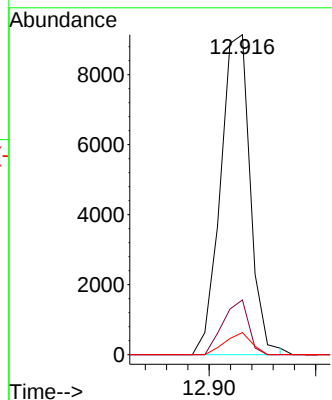
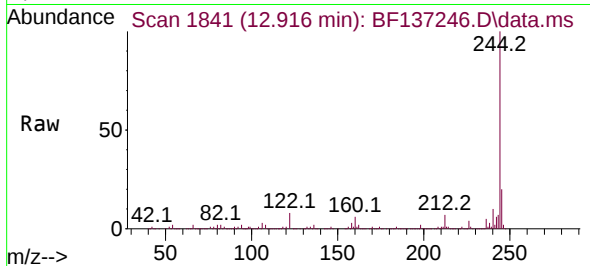




#77
Benzidine
Concen: 3.316 ng
RT: 12.916 min Scan# 1841
Delta R.T. 0.248 min
Lab File: BF137246.D
Acq: 01 Feb 2024 22:23

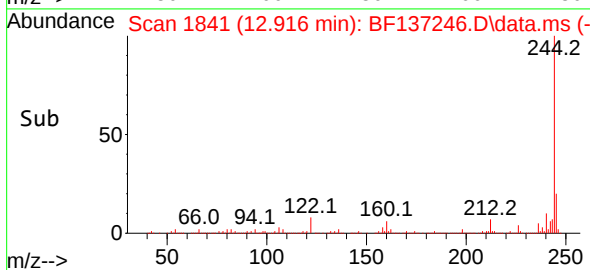
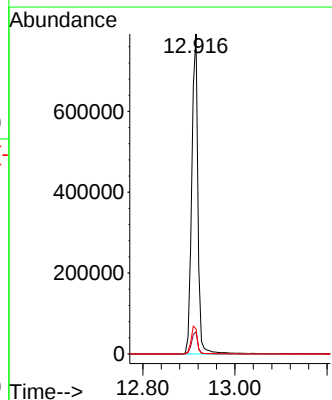
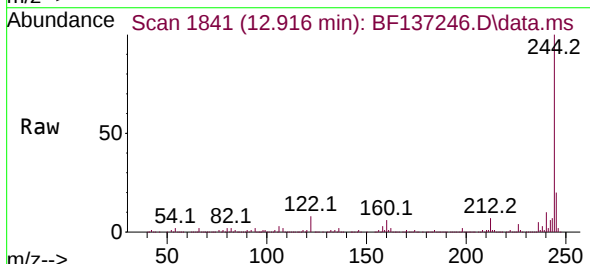
Instrument :
BNA_F
ClientSampleId :
TR-614-COMP-03

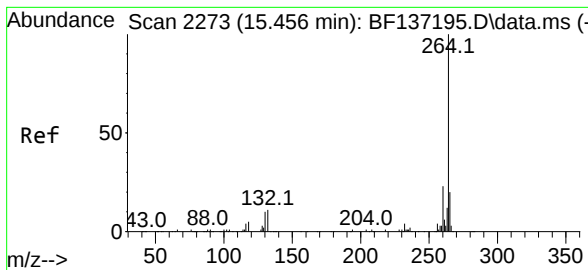
Tgt Ion:184 Resp: 8855
Ion Ratio Lower Upper
184 100
185 17.1 11.9 17.9
183 6.9 8.8 13.2#



#79
Terphenyl-d14
Concen: 66.847 ng
RT: 12.916 min Scan# 1841
Delta R.T. -0.006 min
Lab File: BF137246.D
Acq: 01 Feb 2024 22:23

Tgt Ion:244 Resp: 733351
Ion Ratio Lower Upper
244 100
212 6.9 5.5 8.3
122 7.8 6.2 9.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.445 min Scan# 21
Delta R.T. -0.012 min
Lab File: BF137246.D
Acq: 01 Feb 2024 22:23

Instrument :
BNA_F
ClientSampleId :
TR-614-COMP-03

Tgt Ion:	264	Resp:	108752
Ion Ratio	Lower	Upper	
264	100		
260	24.3	18.2	27.4
265	21.7	16.2	24.2

