

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020624\
 Data File : BF137304.D
 Acq On : 06 Feb 2024 21:20
 Operator : CG\JU
 Sample : P1337-09
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Feb 07 01:06:00 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)

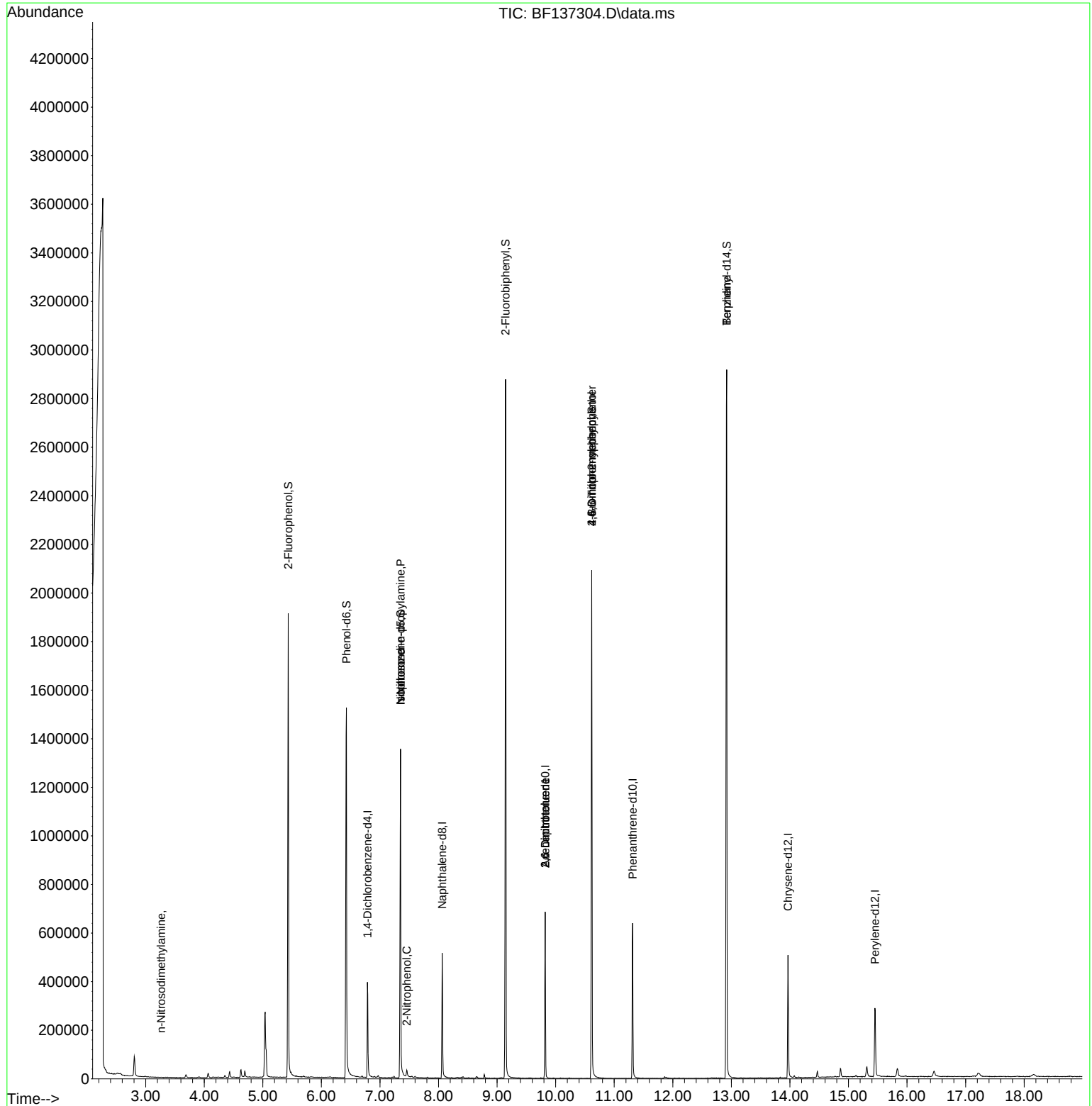
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.786	152	58625	20.000	ng	0.00
21) Naphthalene-d8	8.063	136	226866	20.000	ng	-0.01
39) Acenaphthene-d10	9.822	164	130948	20.000	ng	0.00
64) Phenanthrene-d10	11.316	188	260341	20.000	ng	# 0.00
76) Chrysene-d12	13.968	240	176550	20.000	ng	0.00
86) Perylene-d12	15.451	264	153889	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.434	112	463705	130.516	ng	0.02
7) Phenol-d6	6.428	99	565706	111.573	ng	0.00
23) Nitrobenzene-d5	7.351	82	452443	89.289	ng	0.00
42) 2,4,6-Tribromophenol	10.616	330	248252	167.867	ng	0.00
45) 2-Fluorobiphenyl	9.145	172	888899	93.315	ng	0.00
79) Terphenyl-d14	12.921	244	1208204	93.032	ng	0.00
Target Compounds						
						Qvalue
4) n-Nitrosodimethylamine	3.263	42	520	6.294	ng	# 1
19) n-Nitroso-di-n-propyla...	7.351	70	62001	17.835	ng	# 79
25) Isophorone	7.351	82	452438	48.373	ng	# 67
26) 2-Nitrophenol	7.457	139	378	2.638	ng	# 28
51) 2,6-Dinitrotoluene	9.822	165	17008	9.016	ng	# 17
57) 2,4-Dinitrotoluene	9.822	165	17008	6.949	ng	# 16
65) 4,6-Dinitro-2-methylph...	10.616	198	586	5.831	ng	# 1
67) 4-Bromophenyl-phenylether	10.616	248	16694	5.832	ng	# 1
77) Benzidine	12.921	184	15158	4.795	ng	# 93

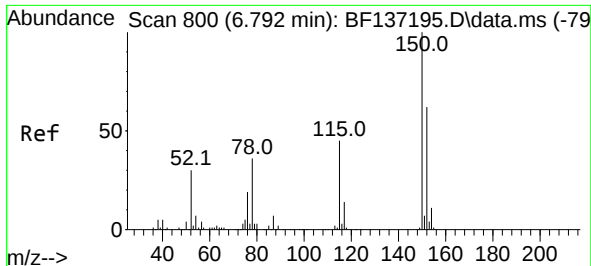
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020624\
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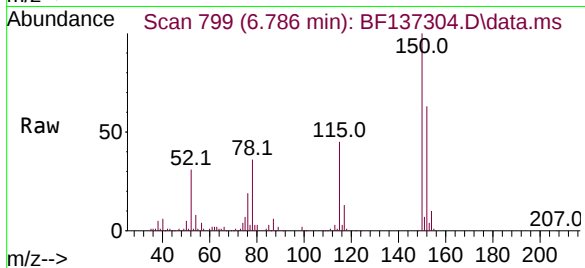
Quant Time: Feb 07 01:06:00 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF013024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 31 04:56:22 2024
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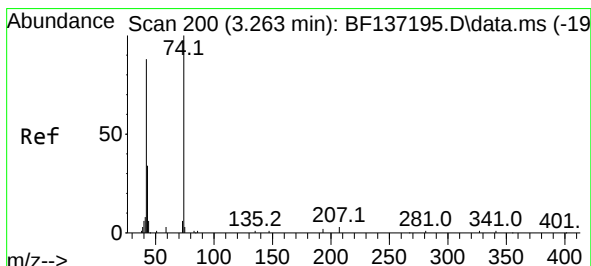
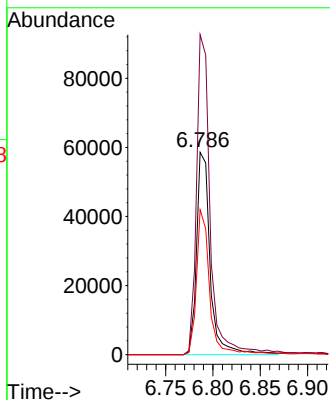
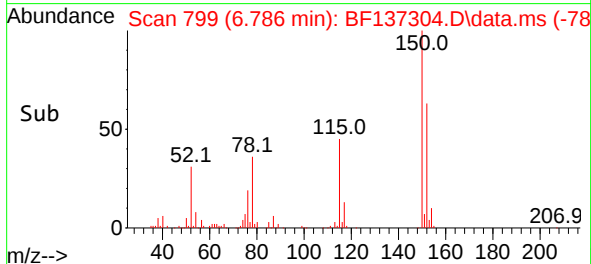


#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.786 min Scan# 79
 Delta R.T. -0.006 min
 Lab File: BF137304.D
 Acq: 06 Feb 2024 21:20

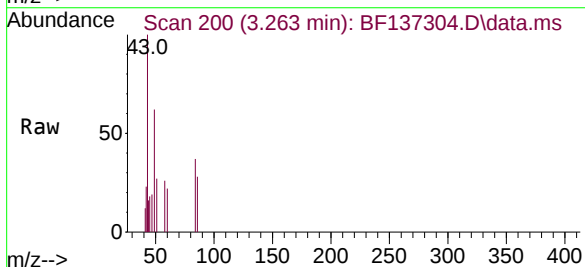
Instrument :
 BNA_F
 ClientSampleId :



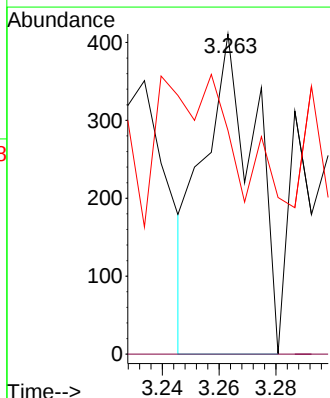
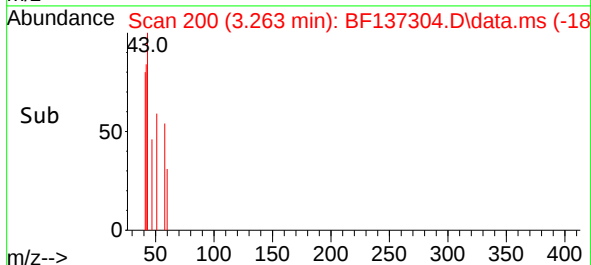
Tgt Ion:152 Resp: 58625
 Ion Ratio Lower Upper
 152 100
 150 158.2 129.8 194.8
 115 71.6 58.5 87.7

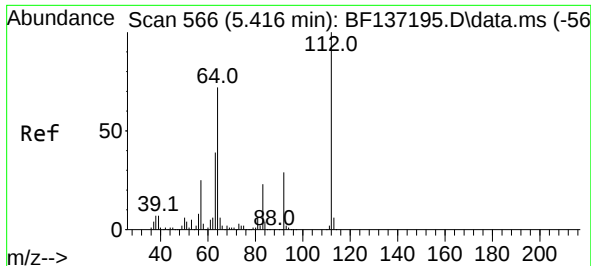


#4
 n-Nitrosodimethylamine
 Concen: 6.294 ng
 RT: 3.263 min Scan# 200
 Delta R.T. 0.000 min
 Lab File: BF137304.D
 Acq: 06 Feb 2024 21:20



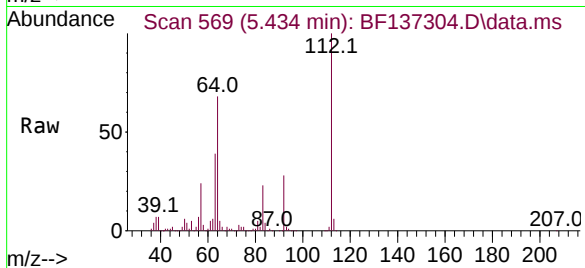
Tgt Ion: 42 Resp: 520
 Ion Ratio Lower Upper
 42 100
 74 0.0 90.5 135.7#
 44 69.8 6.1 9.1#



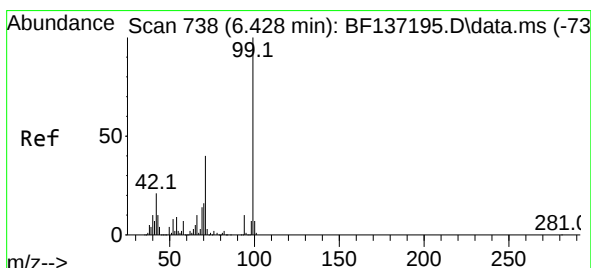
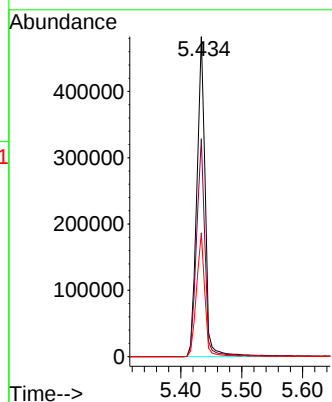
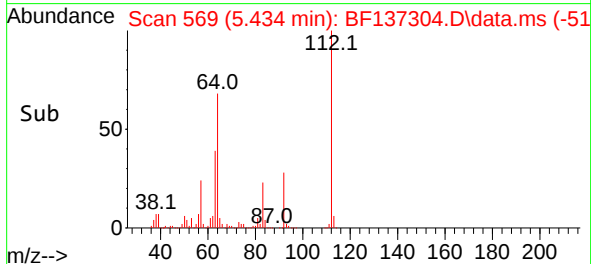


#5
2-Fluorophenol
Concen: 130.516 ng
RT: 5.434 min Scan# 566
Delta R.T. 0.018 min
Lab File: BF137304.D
Acq: 06 Feb 2024 21:20

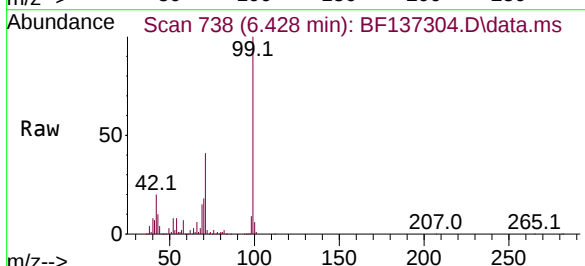
Instrument :
BNA_F
ClientSampleId :



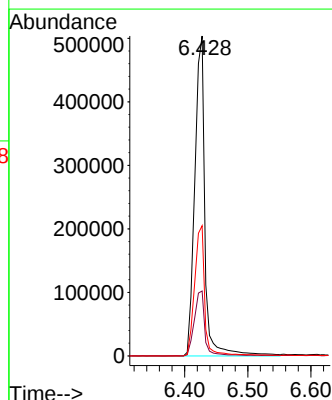
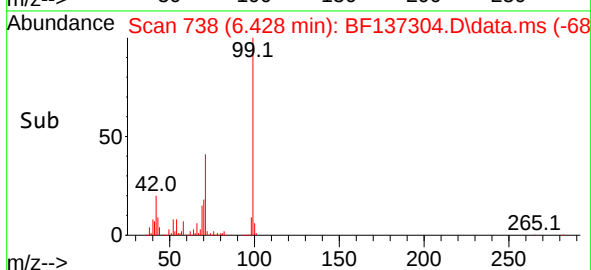
Tgt Ion:112 Resp: 463705
Ion Ratio Lower Upper
112 100
64 68.1 57.8 86.6
63 38.7 31.4 47.0



#7
Phenol-d6
Concen: 111.573 ng
RT: 6.428 min Scan# 738
Delta R.T. -0.000 min
Lab File: BF137304.D
Acq: 06 Feb 2024 21:20



Tgt Ion: 99 Resp: 565706
Ion Ratio Lower Upper
99 100
42 20.3 16.4 24.6
71 40.7 32.4 48.6





#19

n-Nitroso-di-n-propylamine

Concen: 17.835 ng

RT: 7.351 min Scan# 89

Delta R.T. 0.141 min

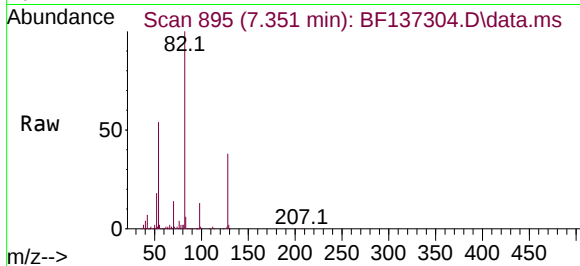
Lab File: BF137304.D

Acq: 06 Feb 2024 21:20

Instrument :

BNA_F

ClientSampleId :



Tgt Ion: 70 Resp: 62001

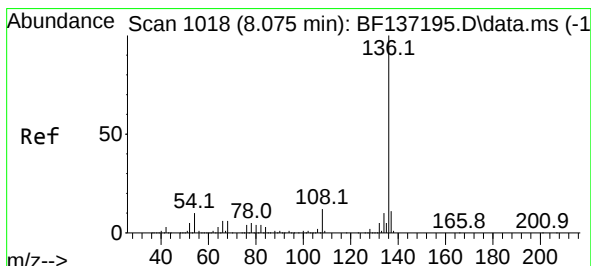
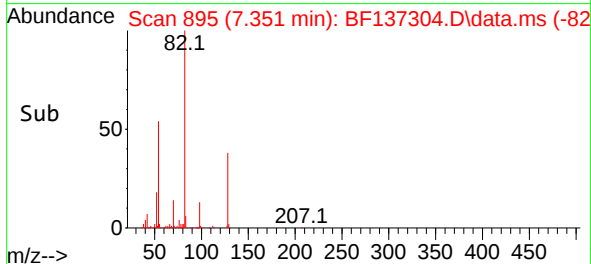
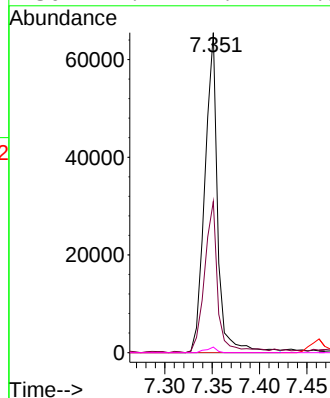
Ion Ratio Lower Upper

70 100

42 47.2 47.2 70.8

101 0.0 7.4 11.0#

130 1.7 14.9 22.3#



#21

Napthalene-d8

Concen: 20.000 ng

RT: 8.063 min Scan# 1016

Delta R.T. -0.012 min

Lab File: BF137304.D

Acq: 06 Feb 2024 21:20

Tgt Ion:136 Resp: 226866

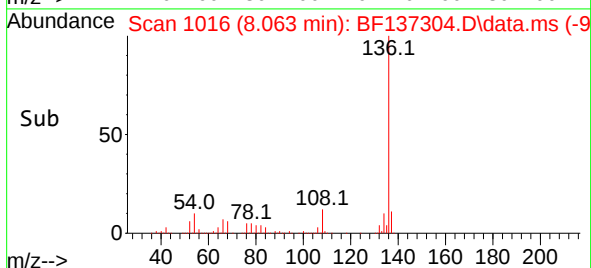
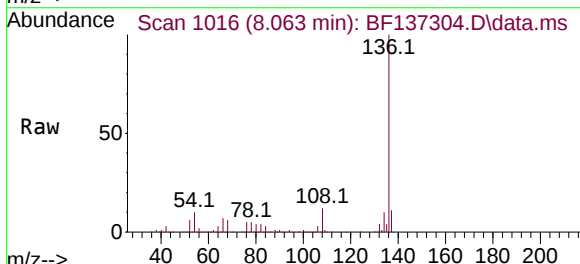
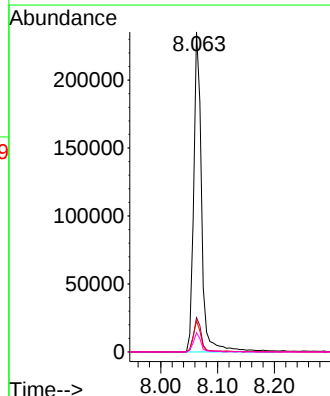
Ion Ratio Lower Upper

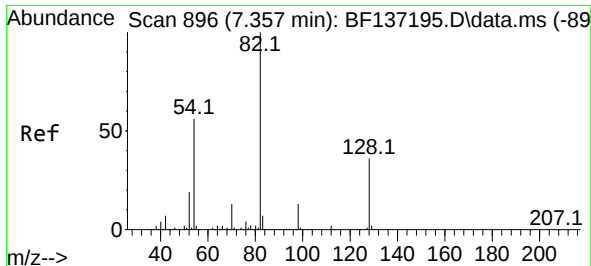
136 100

137 10.7 8.9 13.3

54 9.7 7.8 11.8

68 6.0 4.5 6.7

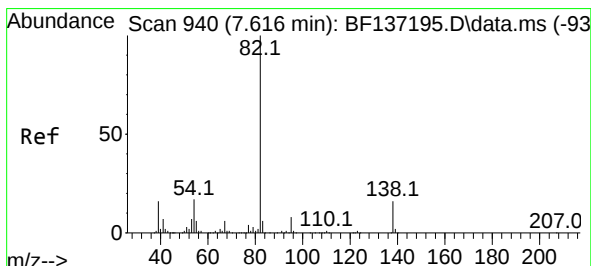
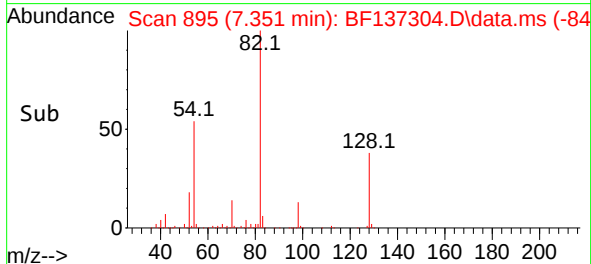
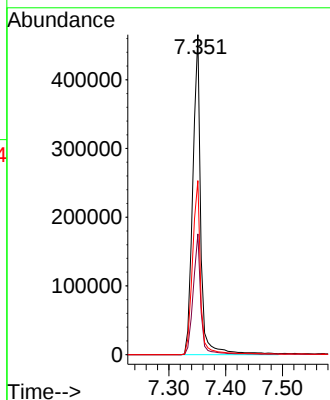
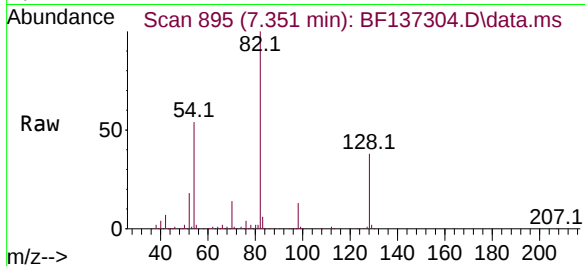




#23
Nitrobenzene-d5
Concen: 89.289 ng
RT: 7.351 min Scan# 895
Delta R.T. -0.006 min
Lab File: BF137304.D
Acq: 06 Feb 2024 21:20

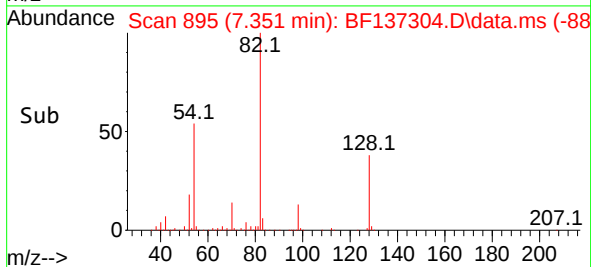
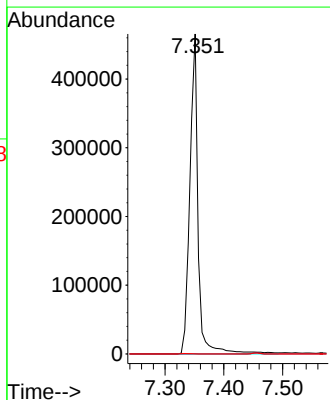
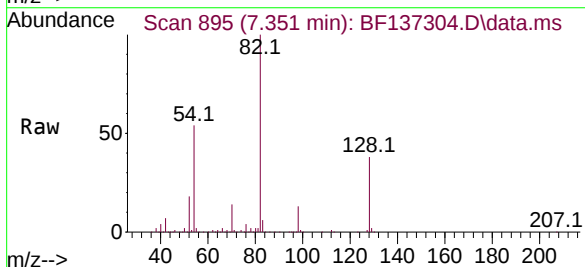
Instrument :
BNA_F
ClientSampleId :

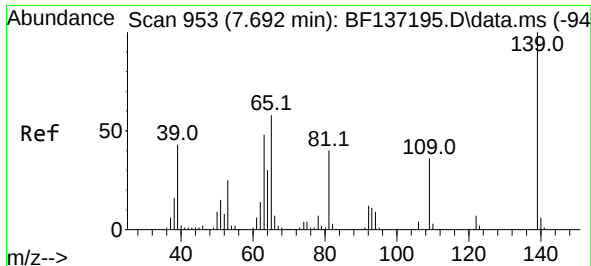
Tgt Ion: 82 Resp: 452443
Ion Ratio Lower Upper
82 100
128 37.7 29.1 43.7
54 54.4 45.0 67.6



#25
Isophorone
Concen: 48.373 ng
RT: 7.351 min Scan# 895
Delta R.T. -0.265 min
Lab File: BF137304.D
Acq: 06 Feb 2024 21:20

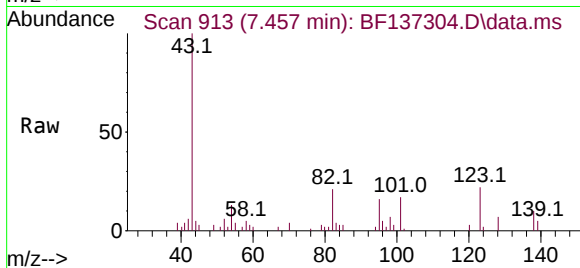
Tgt Ion: 82 Resp: 452438
Ion Ratio Lower Upper
82 100
95 0.0 6.4 9.6#
138 0.0 12.7 19.1#



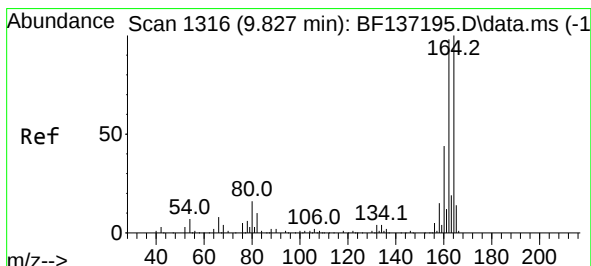
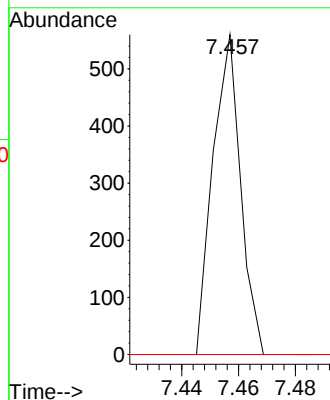
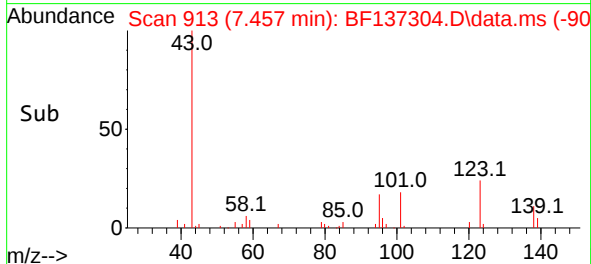


#26
2-Nitrophenol
Concen: 2.638 ng
RT: 7.457 min Scan# 91
Delta R.T. -0.235 min
Lab File: BF137304.D
Acq: 06 Feb 2024 21:20

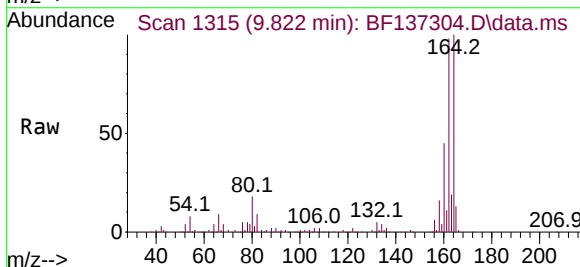
Instrument :
BNA_F
ClientSampleId :



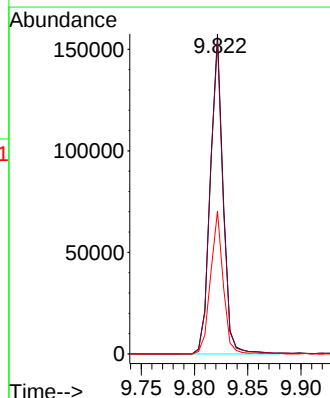
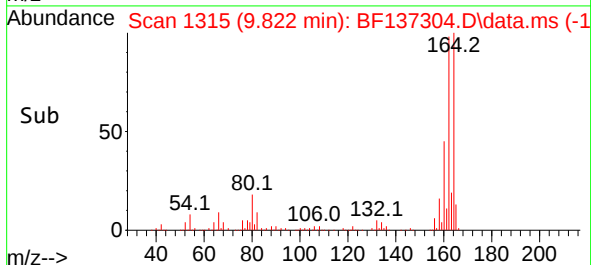
Tgt Ion:139 Resp: 378
Ion Ratio Lower Upper
139 100
109 0.0 28.5 42.7#
65 0.0 46.7 70.1#

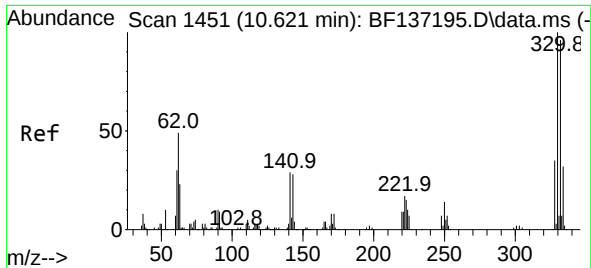


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.822 min Scan# 1315
Delta R.T. -0.005 min
Lab File: BF137304.D
Acq: 06 Feb 2024 21:20



Tgt Ion:164 Resp: 130948
Ion Ratio Lower Upper
164 100
162 97.6 78.3 117.5
160 44.6 35.4 53.2





#42

2,4,6-Tribromophenol

Concen: 167.867 ng

RT: 10.616 min Scan# 1451

Delta R.T. -0.006 min

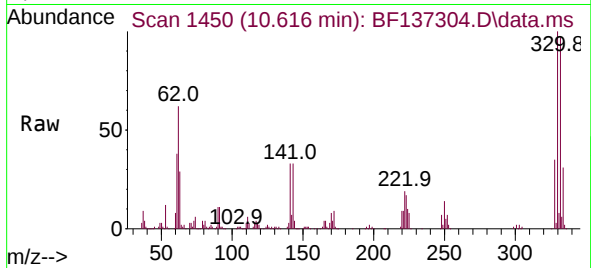
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Acq: 06 Feb 2024 21:20

Instrument :

BNA_F

ClientSampleId :



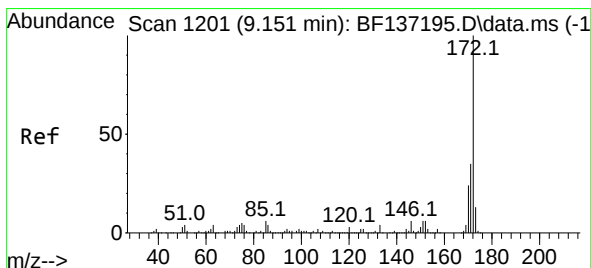
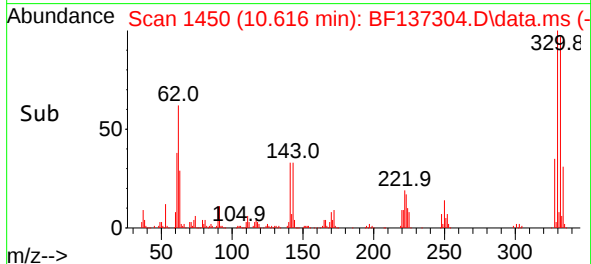
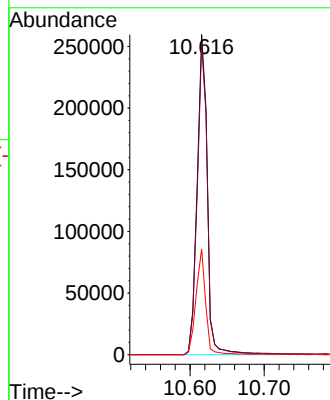
Tgt Ion:330 Resp: 248252

Ion Ratio Lower Upper

330 100

332 97.0 77.3 115.9

141 31.2 25.2 37.8



#45

2-Fluorobiphenyl

Concen: 93.315 ng

RT: 9.145 min Scan# 1200

Delta R.T. -0.006 min

Lab File: BF137304.D

Acq: 06 Feb 2024 21:20

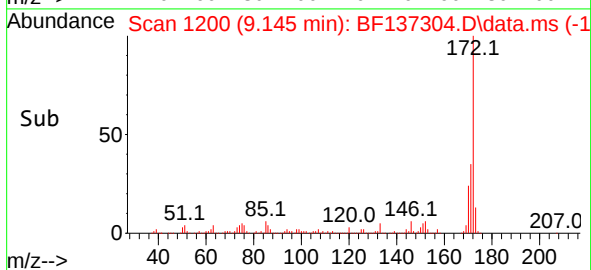
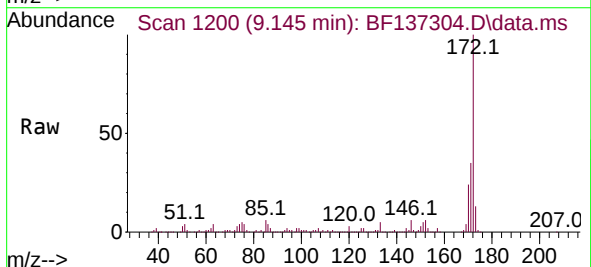
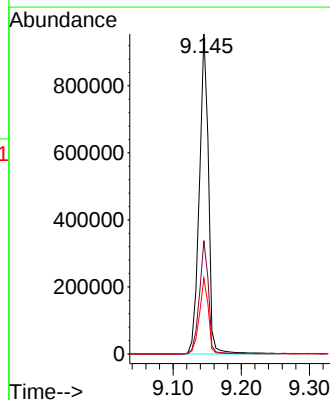
Tgt Ion:172 Resp: 888899

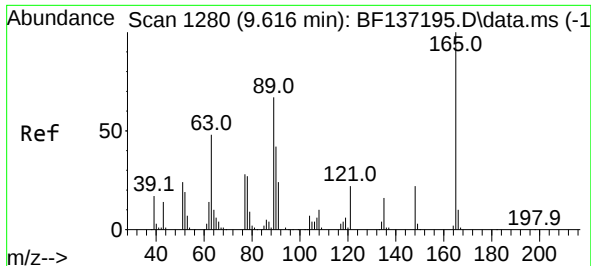
Ion Ratio Lower Upper

172 100

171 35.4 28.3 42.5

170 23.6 19.1 28.7





#51

2,6-Dinitrotoluene

Concen: 9.016 ng

RT: 9.822 min Scan# 1315

Delta R.T. 0.206 min

Lab File: BF137304.D

Acq: 06 Feb 2024 21:20

Instrument :

BNA_F

ClientSampleId :

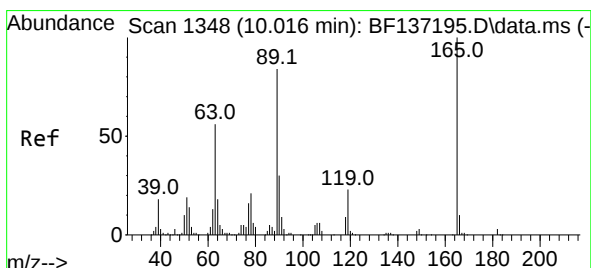
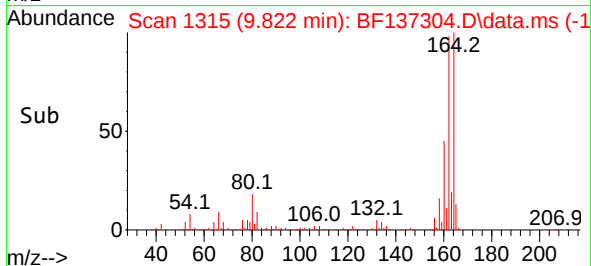
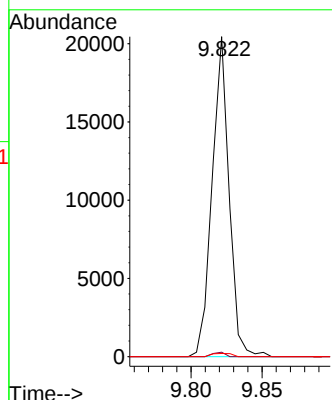
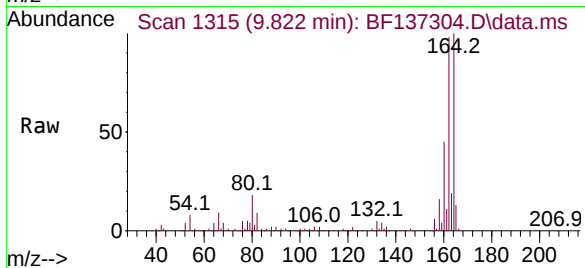
Tgt Ion:165 Resp: 17008

Ion Ratio Lower Upper

165 100

63 1.4 55.1 82.7#

89 1.0 53.5 80.3#



#57

2,4-Dinitrotoluene

Concen: 6.949 ng

RT: 9.822 min Scan# 1315

Delta R.T. -0.194 min

Lab File: BF137304.D

Acq: 06 Feb 2024 21:20

Tgt Ion:165 Resp: 17008

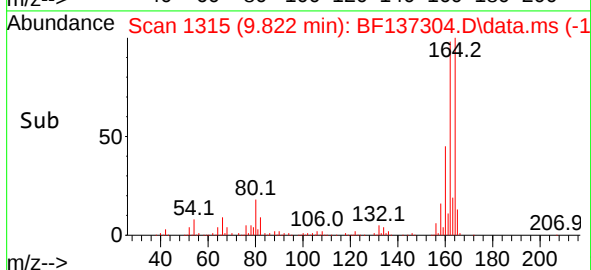
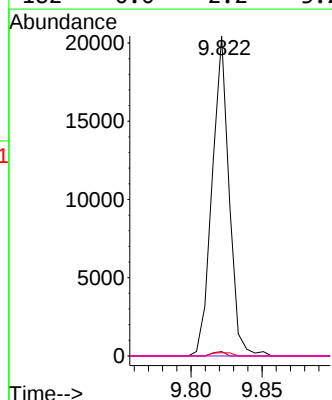
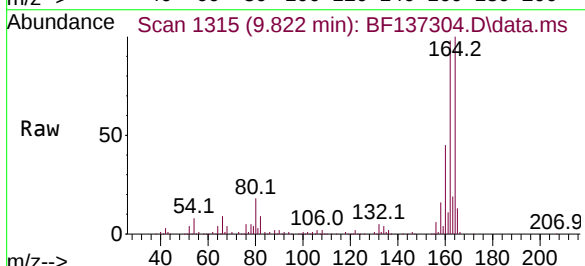
Ion Ratio Lower Upper

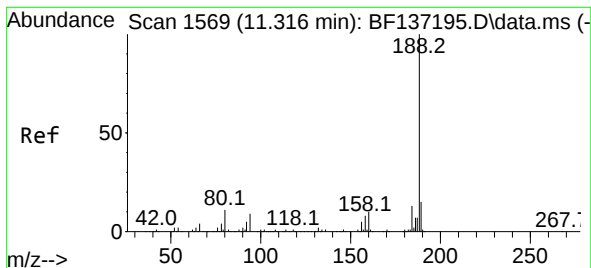
165 100

63 1.4 46.1 69.1#

89 1.0 67.5 101.3#

182 0.0 2.2 3.2#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.316 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF137304.D

Acq: 06 Feb 2024 21:20

Instrument :

BNA_F

ClientSampleId :

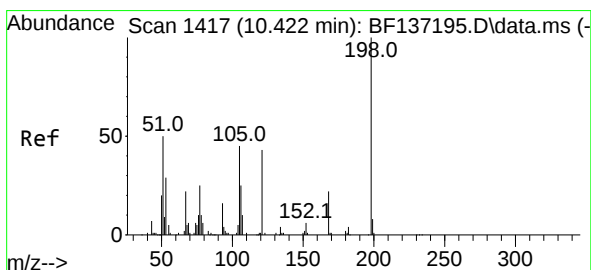
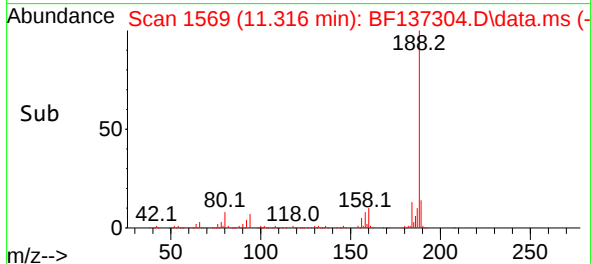
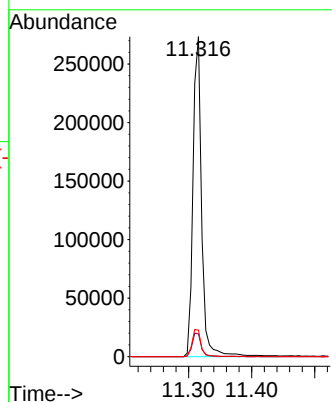
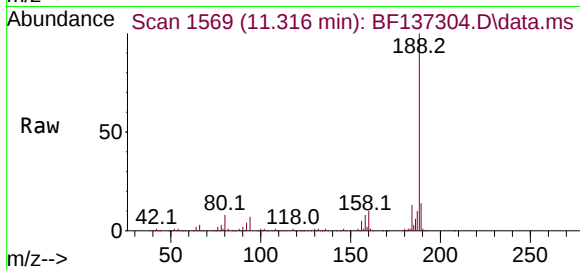
Tgt Ion:188 Resp: 260341

Ion Ratio Lower Upper

188 100

94 7.1 7.0 10.4

80 8.3 8.8 13.2#



#65

4,6-Dinitro-2-methylphenol

Concen: 5.831 ng

RT: 10.616 min Scan# 1450

Delta R.T. 0.194 min

Lab File: BF137304.D

Acq: 06 Feb 2024 21:20

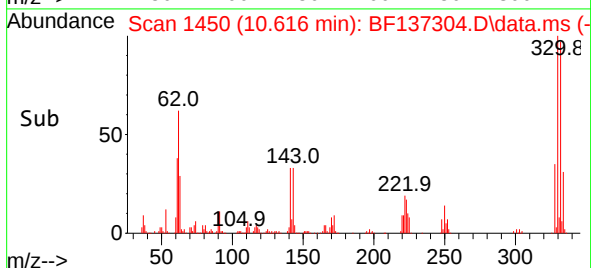
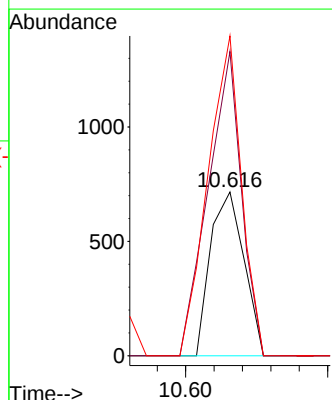
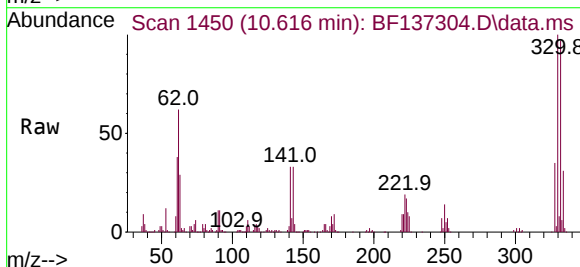
Tgt Ion:198 Resp: 586

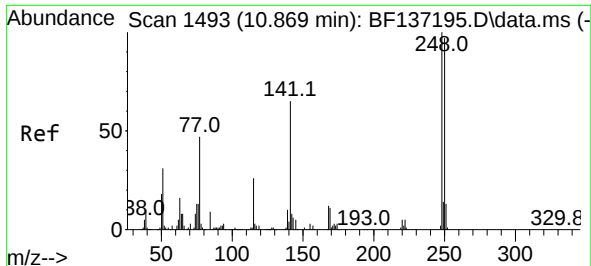
Ion Ratio Lower Upper

198 100

51 185.8 40.9 80.9#

105 195.3 26.5 66.5#

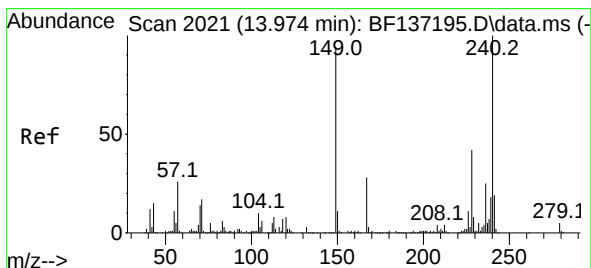
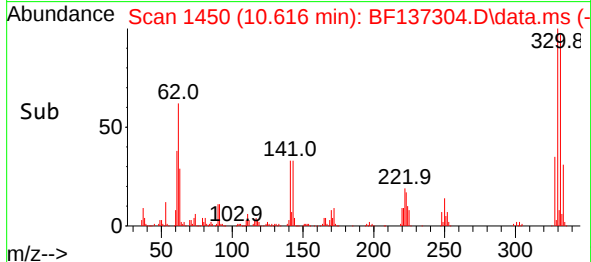
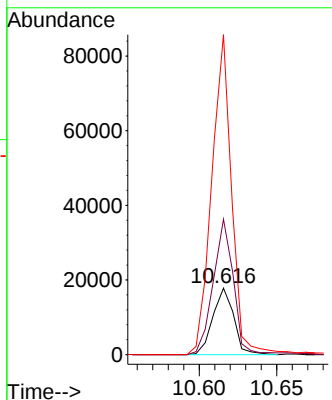
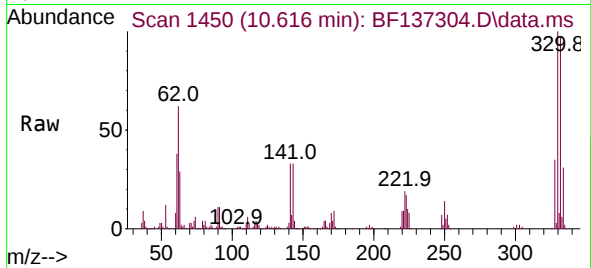




#67
4-Bromophenyl-phenylether
Concen: 5.832 ng
RT: 10.616 min Scan# 14
Delta R.T. -0.253 min
Lab File: BF137304.D
Acq: 06 Feb 2024 21:20

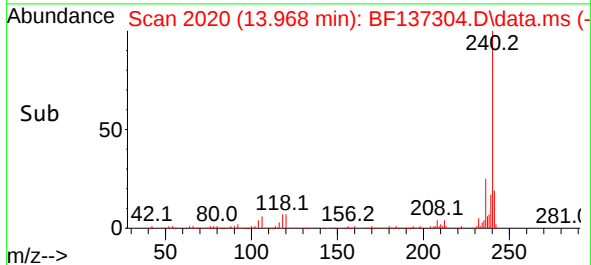
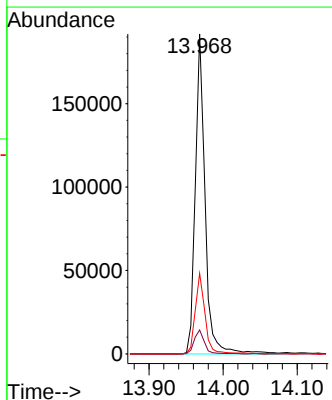
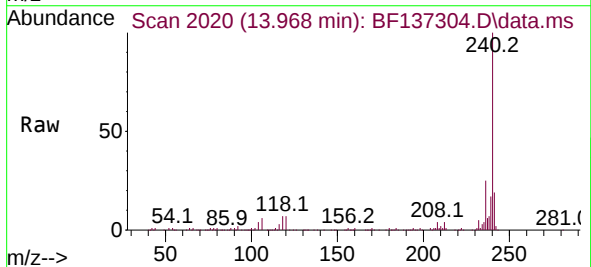
Instrument :
BNA_F
ClientSampleId :

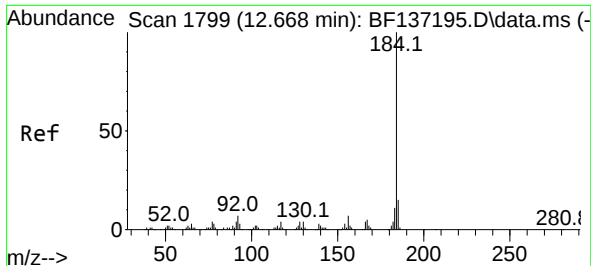
Tgt Ion:248 Resp: 16694
Ion Ratio Lower Upper
248 100
250 203.5 77.7 116.5#
141 480.9 51.6 77.4#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.968 min Scan# 2020
Delta R.T. -0.006 min
Lab File: BF137304.D
Acq: 06 Feb 2024 21:20

Tgt Ion:240 Resp: 176550
Ion Ratio Lower Upper
240 100
120 7.5 6.3 9.5
236 25.2 20.3 30.5

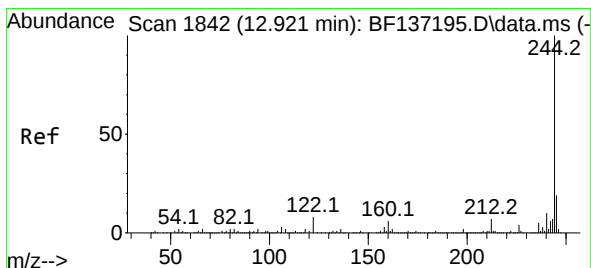
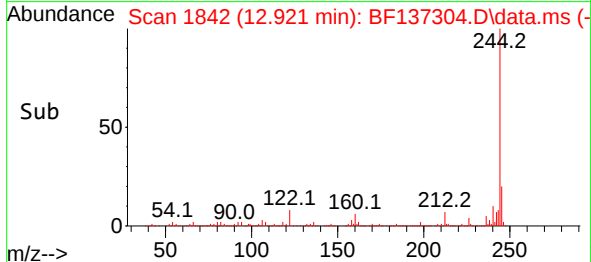
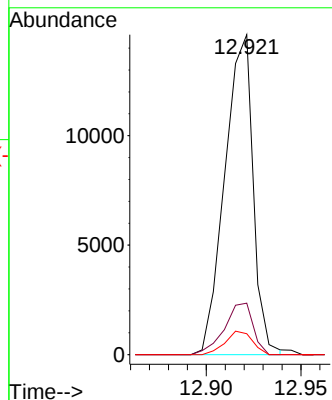
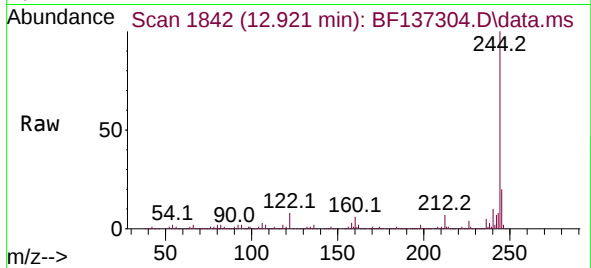




#77
Benzidine
Concen: 4.795 ng
RT: 12.921 min Scan# 1842
Delta R.T. 0.253 min
Lab File: BF137304.D
Acq: 06 Feb 2024 21:20

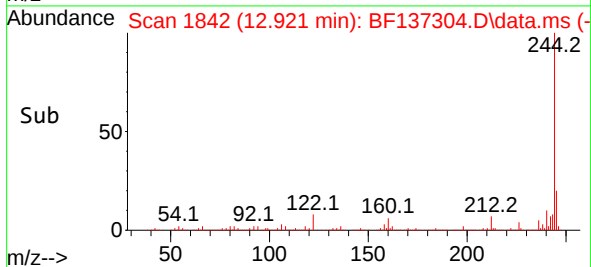
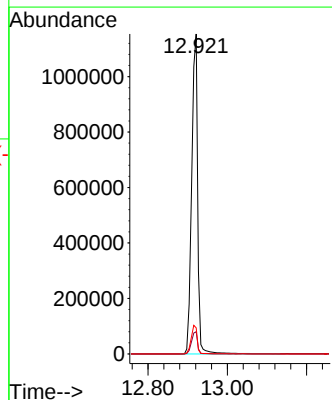
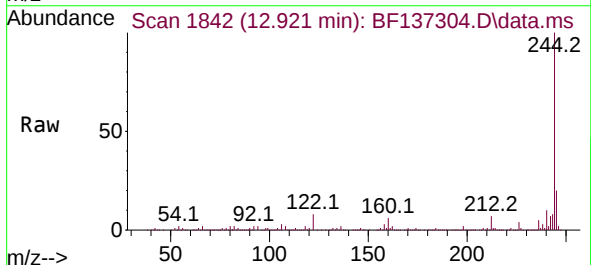
Instrument :
BNA_F
ClientSampleId :

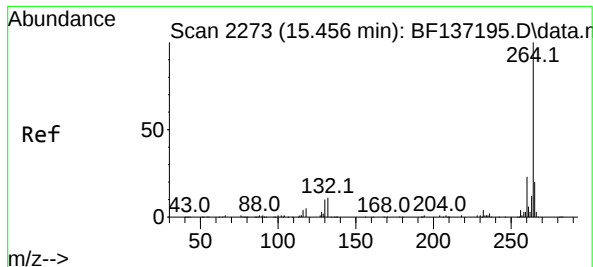
Tgt Ion:184 Resp: 15158
Ion Ratio Lower Upper
184 100
185 16.1 11.9 17.9
183 6.5 8.8 13.2#



#79
Terphenyl-d14
Concen: 93.032 ng
RT: 12.921 min Scan# 1842
Delta R.T. -0.000 min
Lab File: BF137304.D
Acq: 06 Feb 2024 21:20

Tgt Ion:244 Resp: 1208204
Ion Ratio Lower Upper
244 100
212 7.0 5.5 8.3
122 8.1 6.2 9.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.451 min Scan# 2272
Delta R.T. -0.006 min
Lab File: BF137304.D
Acq: 06 Feb 2024 21:20

Tgt Ion:	264	Resp:	15388
Ion Ratio	Lower	Upper	
264	100		
260	23.7	18.2	27.4
265	21.6	16.2	24.2

Instrument :

BNA_F

ClientSampleId :

