

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020624\
 Data File : BF137301.D
 Acq On : 06 Feb 2024 19:51
 Operator : CG\JU
 Sample : P1141-08
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EB-4-6-8

Quant Time: Feb 07 01:04:49 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)

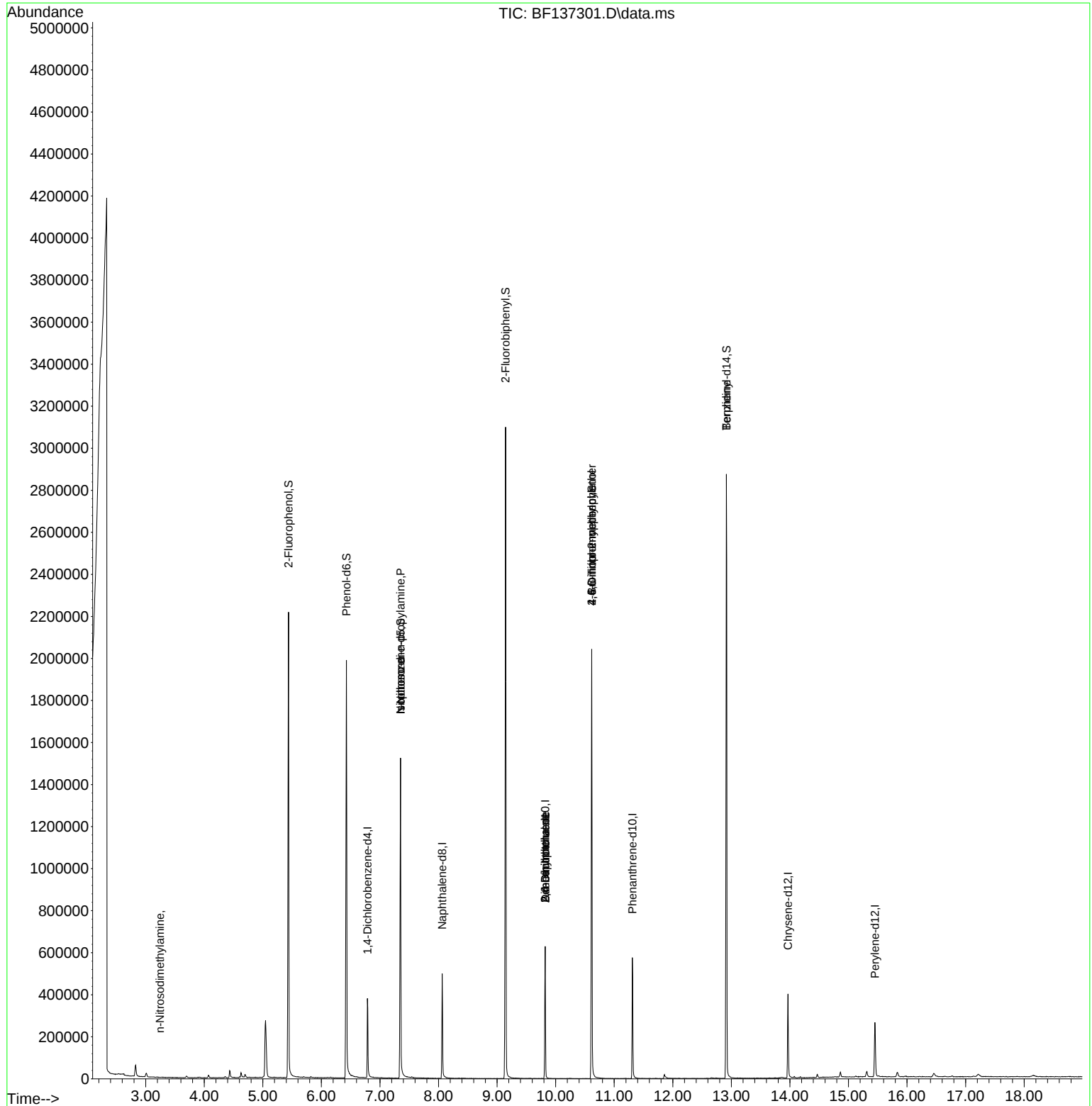
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.786	152	55415	20.000	ng	0.00
21) Naphthalene-d8	8.063	136	214969	20.000	ng	-0.01
39) Acenaphthene-d10	9.822	164	126062	20.000	ng	0.00
64) Phenanthrene-d10	11.310	188	232128	20.000	ng	0.00
76) Chrysene-d12	13.968	240	142809	20.000	ng	0.00
86) Perylene-d12	15.451	264	137618	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.439	112	568475	169.274	ng	0.02
7) Phenol-d6	6.428	99	707168	147.552	ng	0.00
23) Nitrobenzene-d5	7.351	82	532917	110.991	ng	0.00
42) 2,4,6-Tribromophenol	10.616	330	247156	173.603	ng	0.00
45) 2-Fluorobiphenyl	9.145	172	980649	106.937	ng	0.00
79) Terphenyl-d14	12.915	244	1132183	107.776	ng	0.00
Target Compounds						Qvalue
4) n-Nitrosodimethylamine	3.245	42	257	6.182	ng	# 1
19) n-Nitroso-di-n-propyla...	7.351	70	74739	22.744	ng	# 78
25) Isophorone	7.351	82	532914	60.131	ng	# 67
50) Dimethylphthalate	9.822	163	23074	2.709	ng	# 1
51) 2,6-Dinitrotoluene	9.822	165	15967	8.792	ng	# 18
57) 2,4-Dinitrotoluene	9.822	165	15967	6.776	ng	# 17
65) 4,6-Dinitro-2-methylph...	10.616	198	532	5.838	ng	# 1
67) 4-Bromophenyl-phenylether	10.616	248	16573	6.493	ng	# 1
77) Benzidine	12.915	184	14448	5.650	ng	# 94

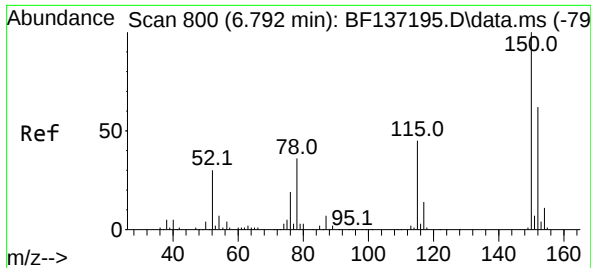
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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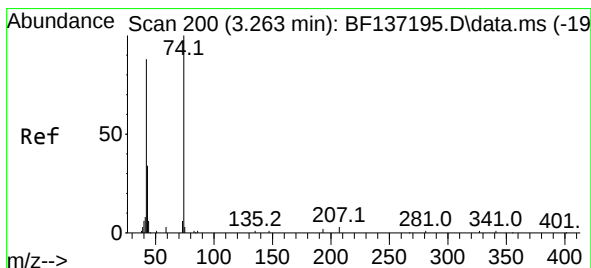
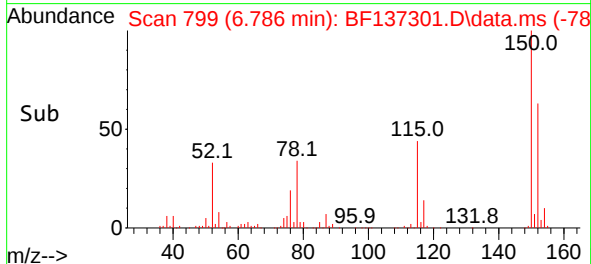
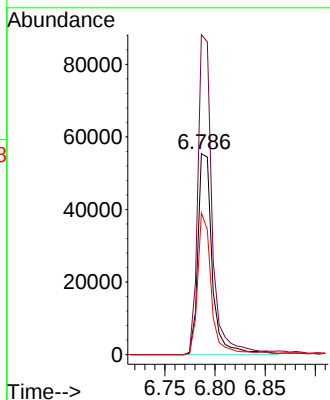
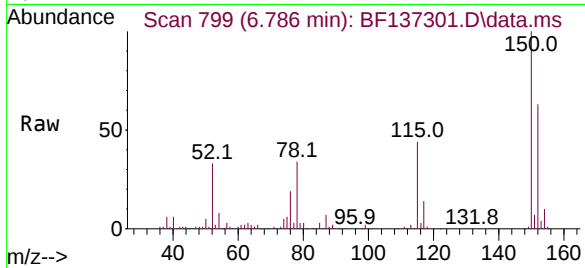




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.786 min Scan# 79
Delta R.T. -0.006 min
Lab File: BF137301.D
Acq: 06 Feb 2024 19:51

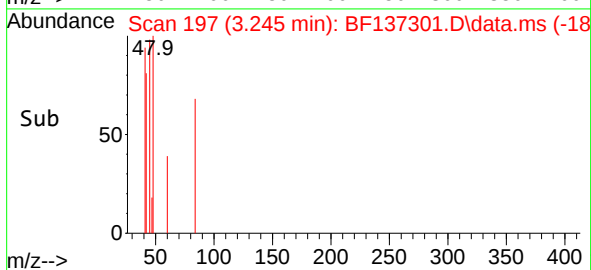
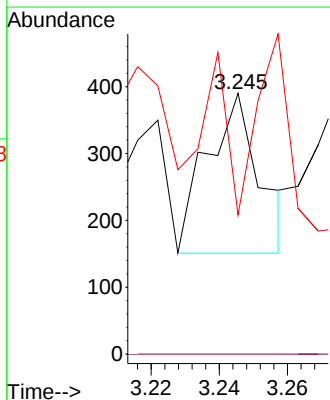
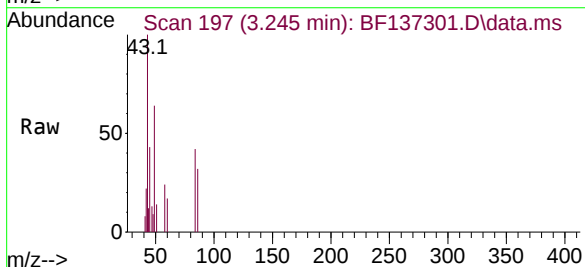
Instrument :
BNA_F
ClientSampleId :
EB-4-6-8

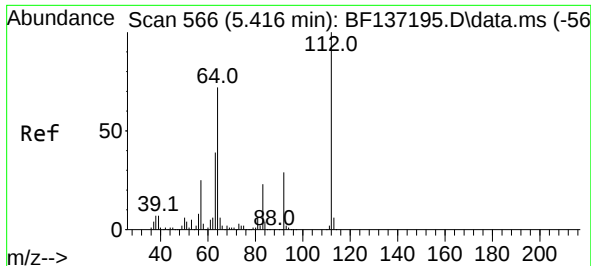
Tgt Ion:152 Resp: 55415
Ion Ratio Lower Upper
152 100
150 159.3 129.8 194.8
115 70.5 58.5 87.7



#4
n-Nitrosodimethylamine
Concen: 6.182 ng
RT: 3.245 min Scan# 197
Delta R.T. -0.018 min
Lab File: BF137301.D
Acq: 06 Feb 2024 19:51

Tgt Ion: 42 Resp: 257
Ion Ratio Lower Upper
42 100
74 0.0 90.5 135.7#
44 53.3 6.1 9.1#

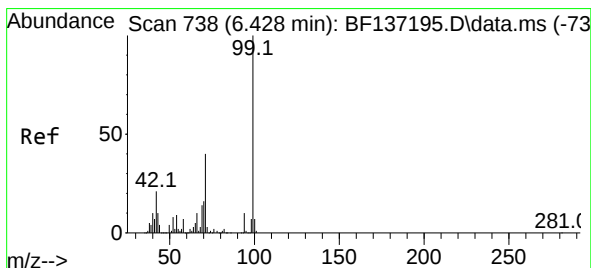
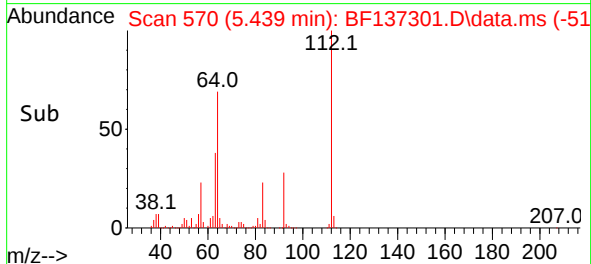
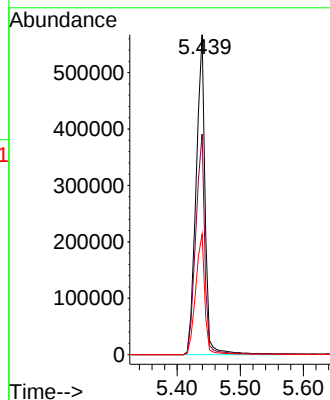
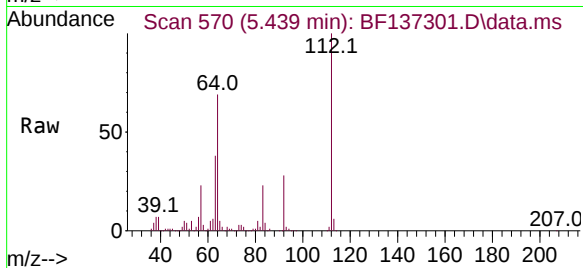




#5
2-Fluorophenol
Concen: 169.274 ng
RT: 5.439 min Scan# 51
Delta R.T. 0.023 min
Lab File: BF137301.D
Acq: 06 Feb 2024 19:51

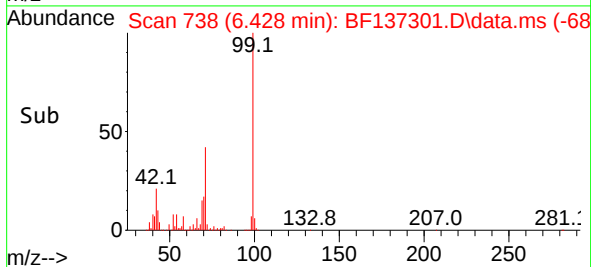
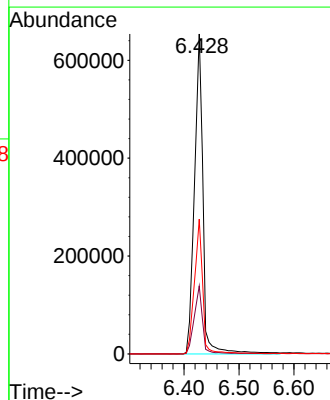
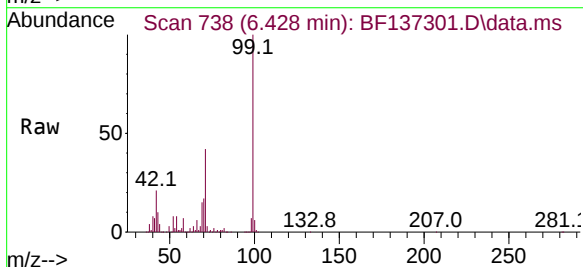
Instrument :
BNA_F
ClientSampleId :
EB-4-6-8

Tgt Ion:112 Resp: 568475
Ion Ratio Lower Upper
112 100
64 68.9 57.8 86.6
63 37.6 31.4 47.0



#7
Phenol-d6
Concen: 147.552 ng
RT: 6.428 min Scan# 738
Delta R.T. -0.000 min
Lab File: BF137301.D
Acq: 06 Feb 2024 19:51

Tgt Ion: 99 Resp: 707168
Ion Ratio Lower Upper
99 100
42 21.2 16.4 24.6
71 42.1 32.4 48.6





#19

n-Nitroso-di-n-propylamine

Concen: 22.744 ng

RT: 7.351 min Scan# 89

Delta R.T. 0.141 min

Lab File: BF137301.D

Acq: 06 Feb 2024 19:51

Instrument :

BNA_F

ClientSampleId :

EB-4-6-8

Tgt Ion: 70 Resp: 74739

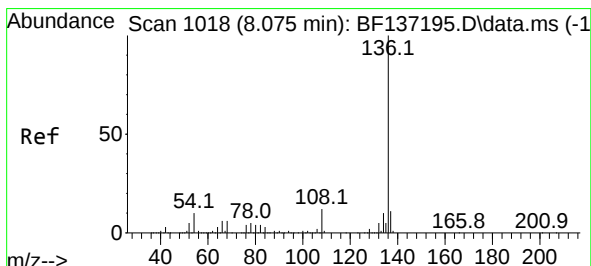
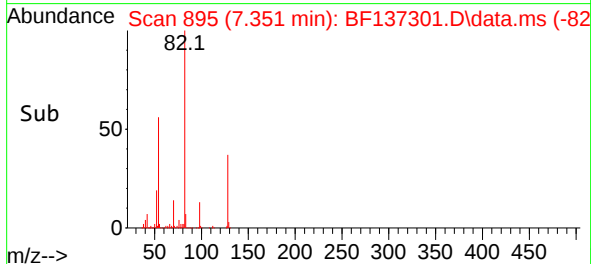
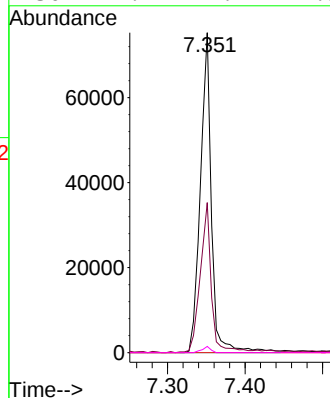
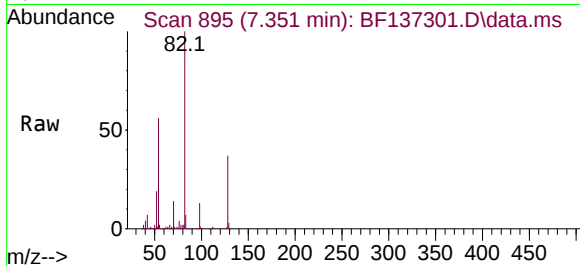
Ion Ratio Lower Upper

70 100

42 46.9 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: 8.063 min Scan# 1016

Delta R.T. -0.012 min

Lab File: BF137301.D

Acq: 06 Feb 2024 19:51

Tgt Ion: 136 Resp: 214969

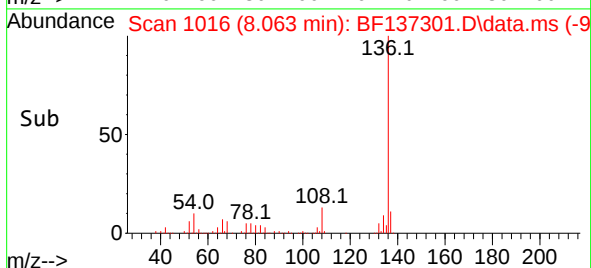
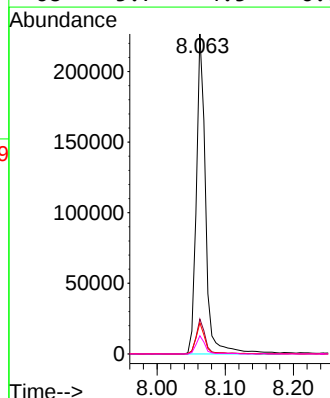
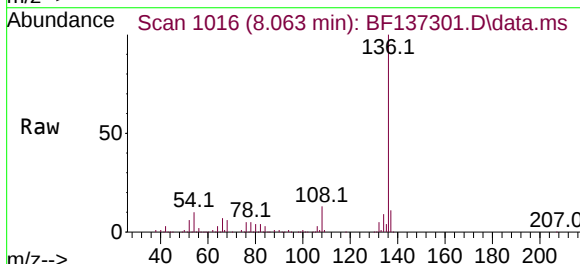
Ion Ratio Lower Upper

136 100

137 10.9 8.9 13.3

54 9.7 7.8 11.8

68 5.7 4.5 6.7

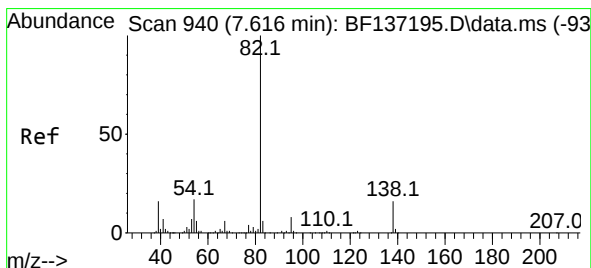
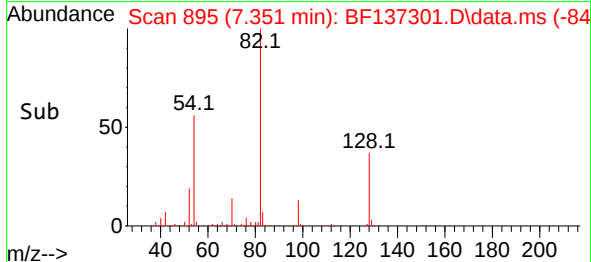
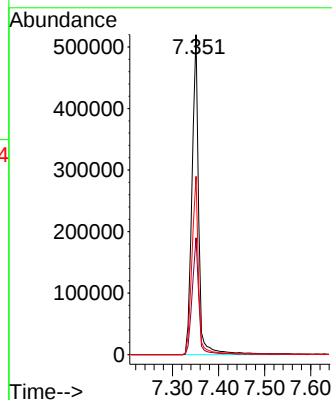
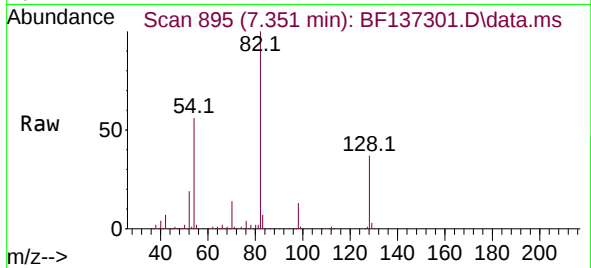




#23
Nitrobenzene-d5
Concen: 110.991 ng
RT: 7.351 min Scan# 895
Delta R.T. -0.006 min
Lab File: BF137301.D
Acq: 06 Feb 2024 19:51

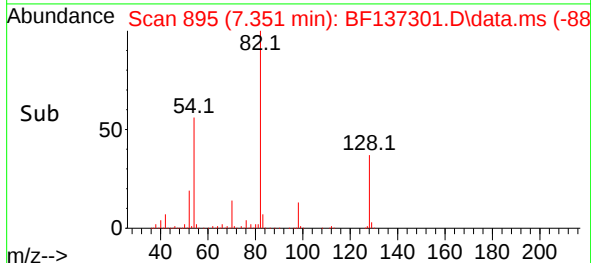
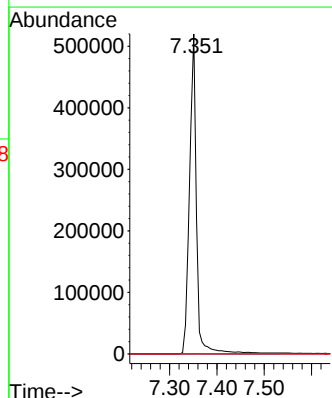
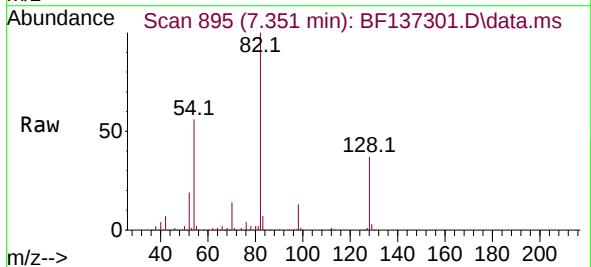
Instrument :
BNA_F
ClientSampleId :
EB-4-6-8

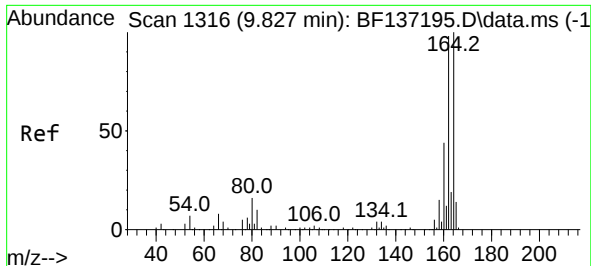
Tgt Ion: 82 Resp: 532917
Ion Ratio Lower Upper
82 100
128 36.6 29.1 43.7
54 55.7 45.0 67.6



#25
Isophorone
Concen: 60.131 ng
RT: 7.351 min Scan# 895
Delta R.T. -0.265 min
Lab File: BF137301.D
Acq: 06 Feb 2024 19:51

Tgt Ion: 82 Resp: 532914
Ion Ratio Lower Upper
82 100
95 0.0 6.4 9.6#
138 0.0 12.7 19.1#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.822 min Scan# 1316

Delta R.T. -0.005 min

Lab File: BF137301.D

Acq: 06 Feb 2024 19:51

Instrument :

BNA_F

ClientSampleId :

EB-4-6-8

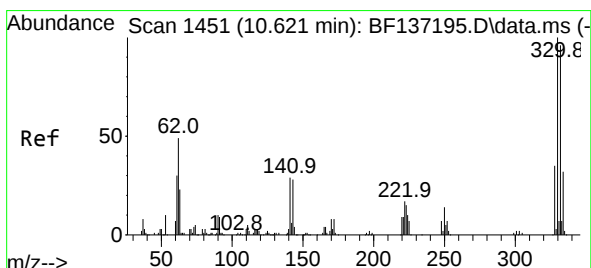
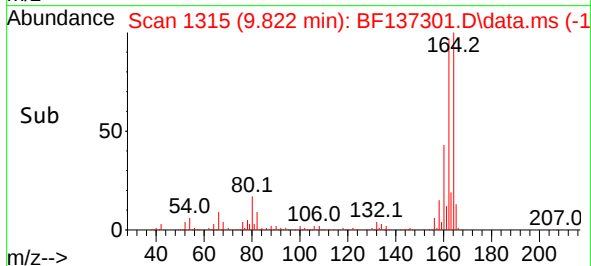
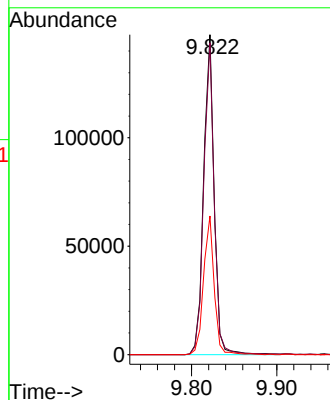
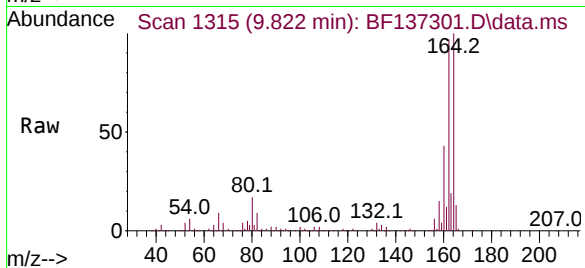
Tgt Ion:164 Resp: 126062

Ion Ratio Lower Upper

164 100

162 97.4 78.3 117.5

160 43.3 35.4 53.2



#42

2,4,6-Tribromophenol

Concen: 173.603 ng

RT: 10.616 min Scan# 1450

Delta R.T. -0.006 min

Lab File: BF137301.D

Acq: 06 Feb 2024 19:51

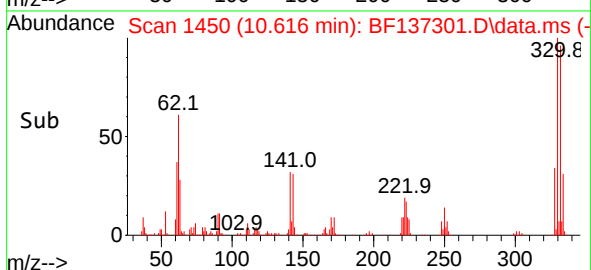
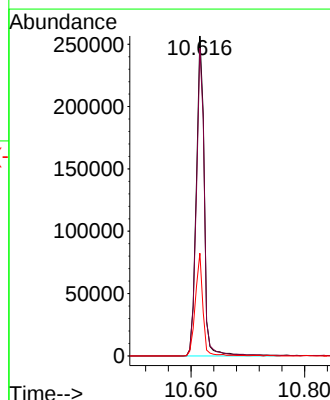
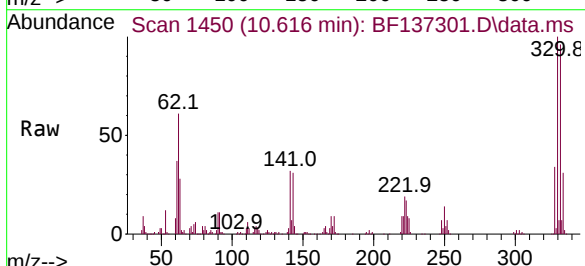
Tgt Ion:330 Resp: 247156

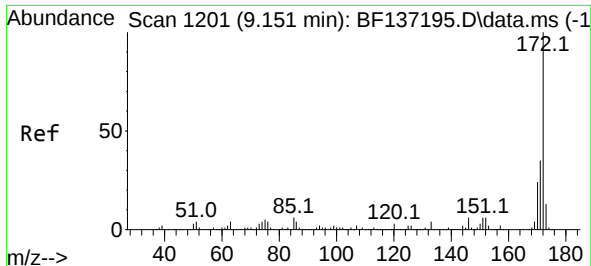
Ion Ratio Lower Upper

330 100

332 95.9 77.3 115.9

141 30.5 25.2 37.8

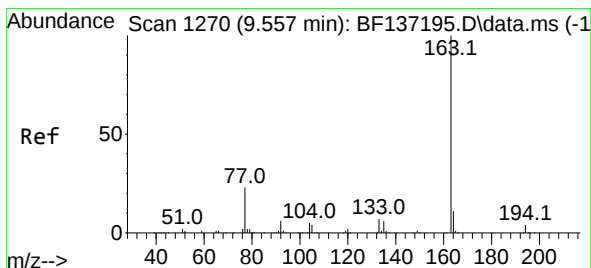
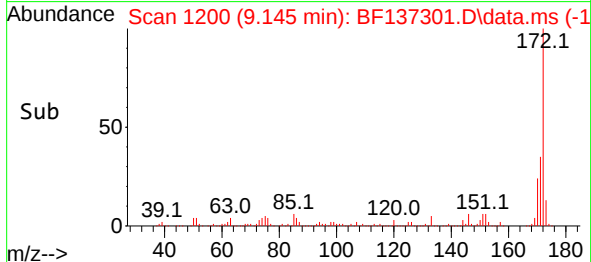
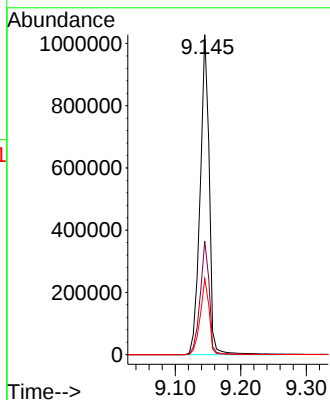
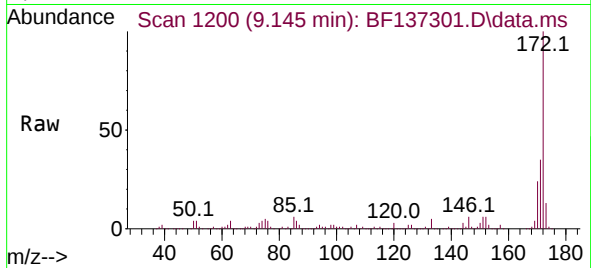




#45
2-Fluorobiphenyl
Concen: 106.937 ng
RT: 9.145 min Scan# 1315
Delta R.T. -0.006 min
Lab File: BF137301.D
Acq: 06 Feb 2024 19:51

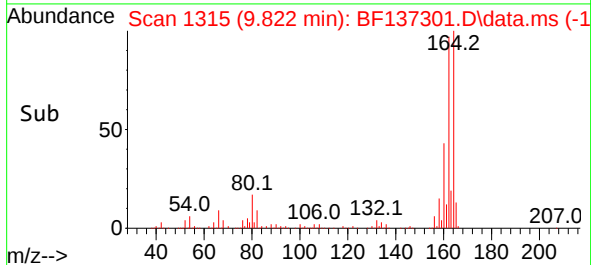
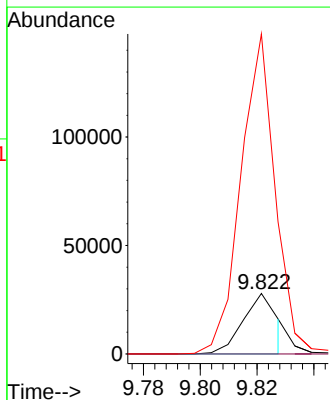
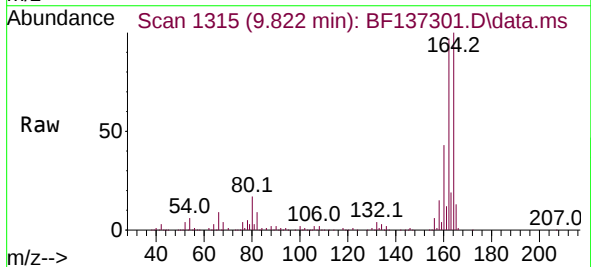
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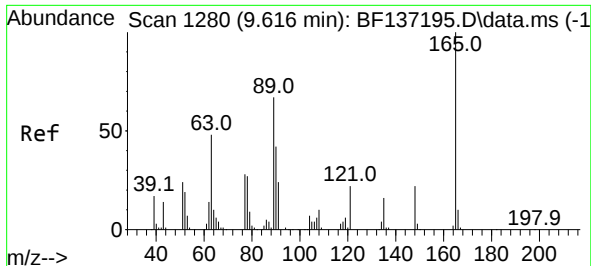
Tgt Ion:172 Resp: 980649
Ion Ratio Lower Upper
172 100
171 35.5 28.3 42.5
170 23.7 19.1 28.7



#50
Dimethylphthalate
Concen: 2.709 ng
RT: 9.822 min Scan# 1315
Delta R.T. 0.264 min
Lab File: BF137301.D
Acq: 06 Feb 2024 19:51

Tgt Ion:163 Resp: 23074
Ion Ratio Lower Upper
163 100
194 0.0 3.3 4.9#
164 529.4 8.6 13.0#

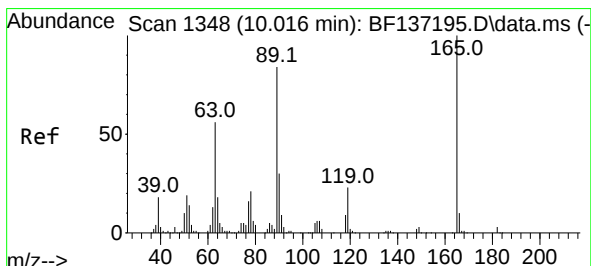
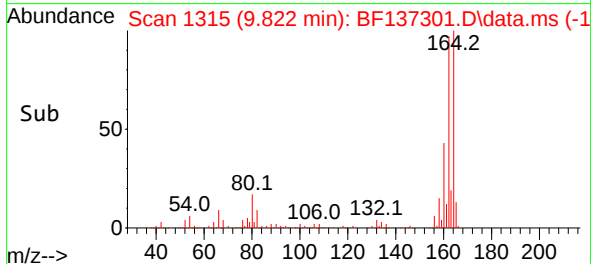
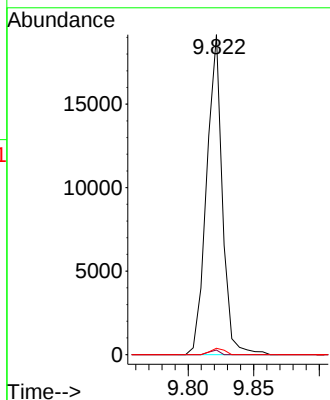
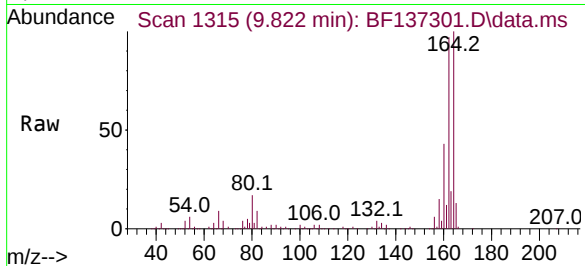




#51
2,6-Dinitrotoluene
Concen: 8.792 ng
RT: 9.822 min Scan# 1315
Delta R.T. 0.206 min
Lab File: BF137301.D
Acq: 06 Feb 2024 19:51

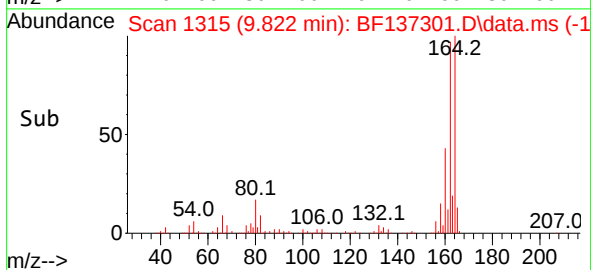
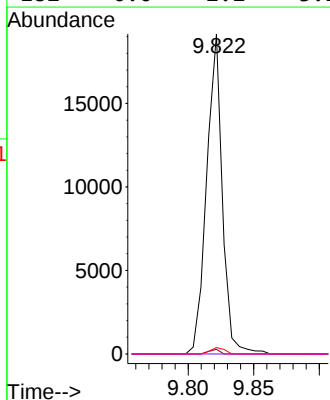
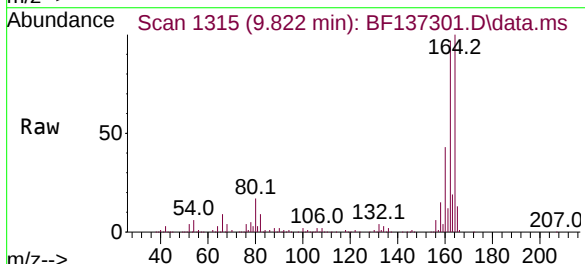
Instrument :
BNA_F
ClientSampleId :
EB-4-6-8

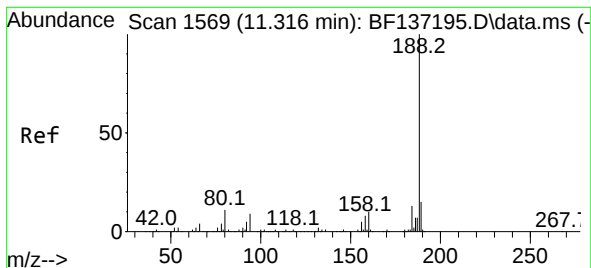
Tgt Ion:165 Resp: 15967
Ion Ratio Lower Upper
165 100
63 1.4 55.1 82.7#
89 2.0 53.5 80.3#



#57
2,4-Dinitrotoluene
Concen: 6.776 ng
RT: 9.822 min Scan# 1315
Delta R.T. -0.194 min
Lab File: BF137301.D
Acq: 06 Feb 2024 19:51

Tgt Ion:165 Resp: 15967
Ion Ratio Lower Upper
165 100
63 1.4 46.1 69.1#
89 2.0 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: BF137301.D

Acq: 06 Feb 2024 19:51

Instrument :

BNA_F

ClientSampleId :

EB-4-6-8

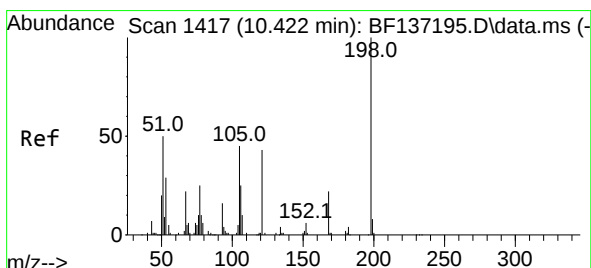
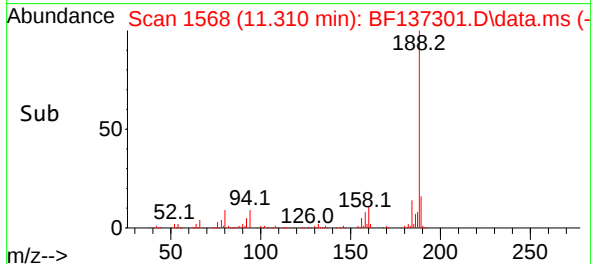
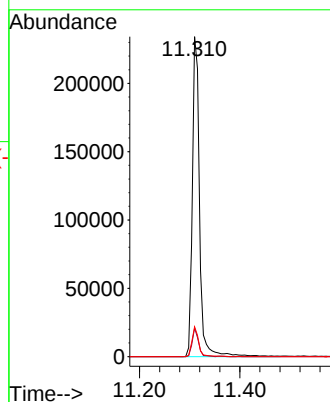
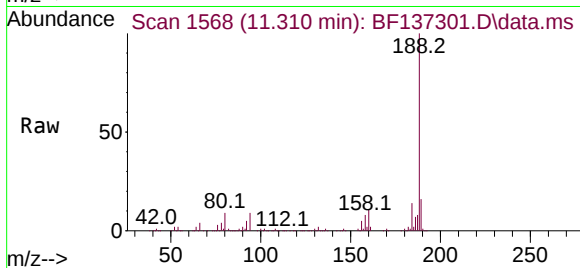
Tgt Ion:188 Resp: 232128

Ion Ratio Lower Upper

188 100

94 8.9 7.0 10.4

80 9.3 8.8 13.2



#65

4,6-Dinitro-2-methylphenol

Concen: 5.838 ng

RT: 10.616 min Scan# 1450

Delta R.T. 0.194 min

Lab File: BF137301.D

Acq: 06 Feb 2024 19:51

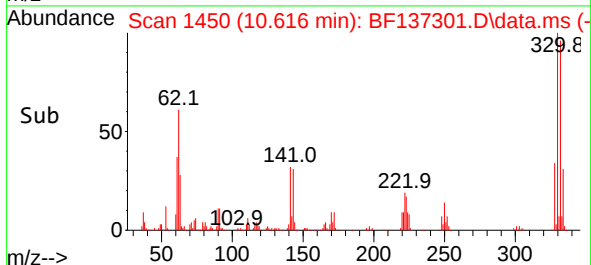
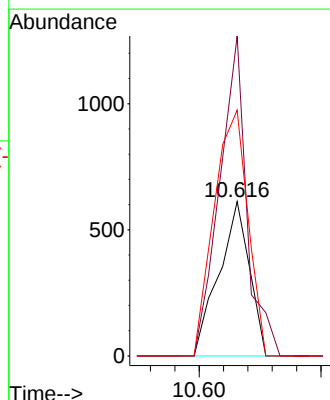
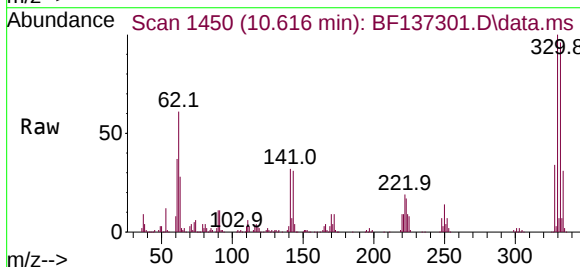
Tgt Ion:198 Resp: 532

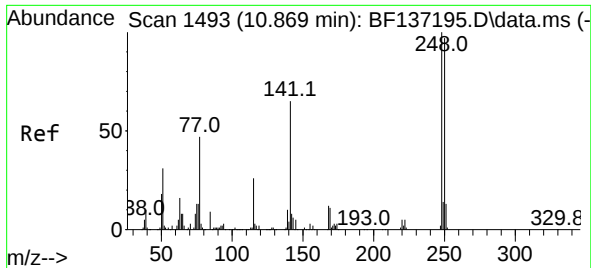
Ion Ratio Lower Upper

198 100

51 207.4 40.9 80.9#

105 159.2 26.5 66.5#

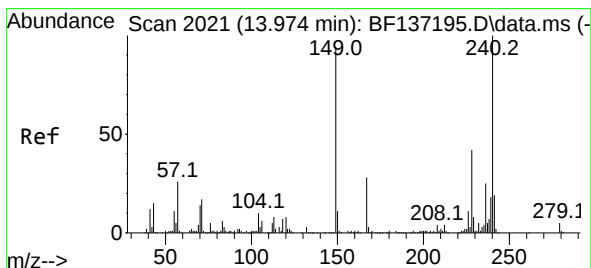
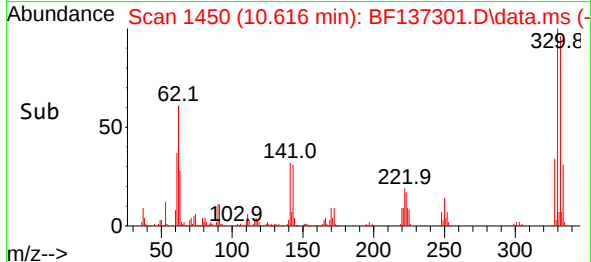
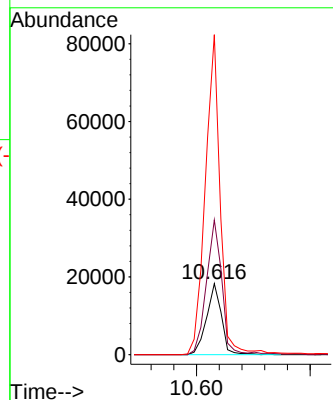
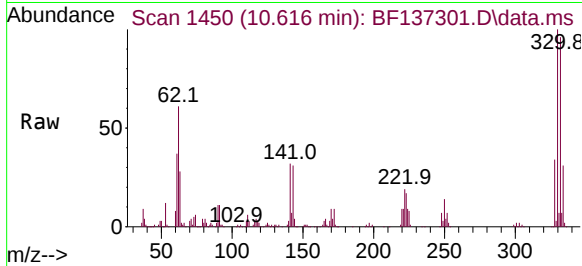




#67
4-Bromophenyl-phenylether
Concen: 6.493 ng
RT: 10.616 min Scan# 14
Delta R.T. -0.253 min
Lab File: BF137301.D
Acq: 06 Feb 2024 19:51

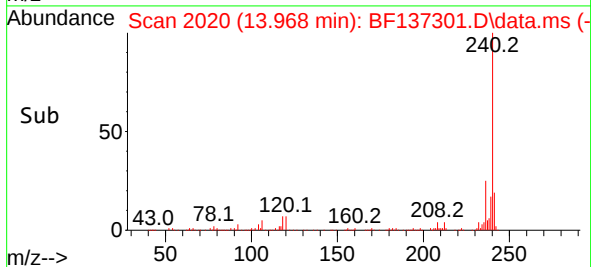
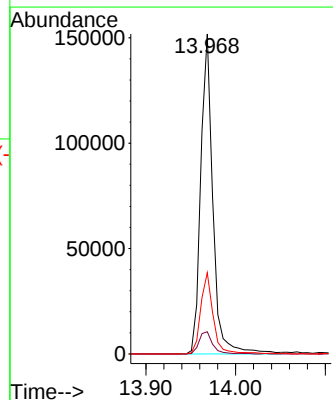
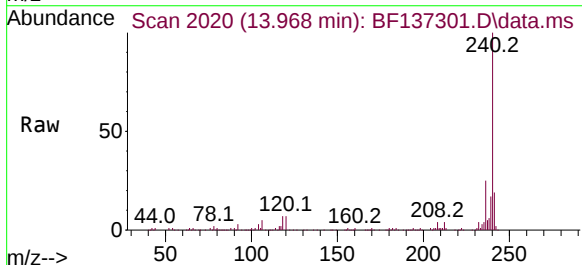
Instrument :
BNA_F
ClientSampleId :
EB-4-6-8

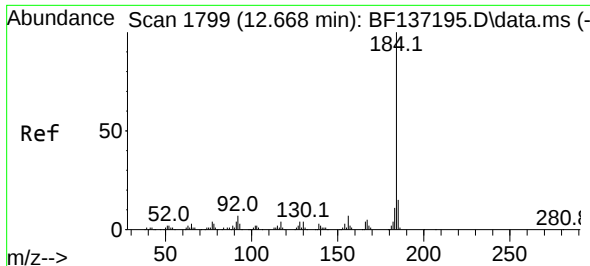
Tgt Ion:248 Resp: 16573
Ion Ratio Lower Upper
248 100
250 189.8 77.7 116.5#
141 451.0 51.6 77.4#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.968 min Scan# 2020
Delta R.T. -0.006 min
Lab File: BF137301.D
Acq: 06 Feb 2024 19:51

Tgt Ion:240 Resp: 142809
Ion Ratio Lower Upper
240 100
120 6.9 6.3 9.5
236 25.4 20.3 30.5





#77
Benzidine
Concen: 5.650 ng
RT: 12.915 min Scan# 1841
Delta R.T. 0.247 min
Lab File: BF137301.D
Acq: 06 Feb 2024 19:51

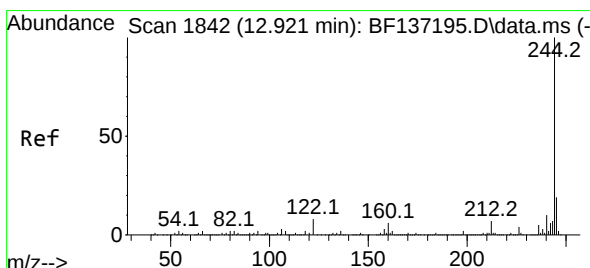
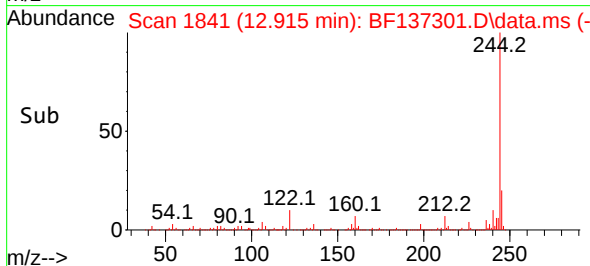
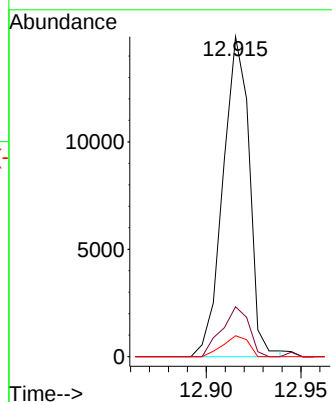
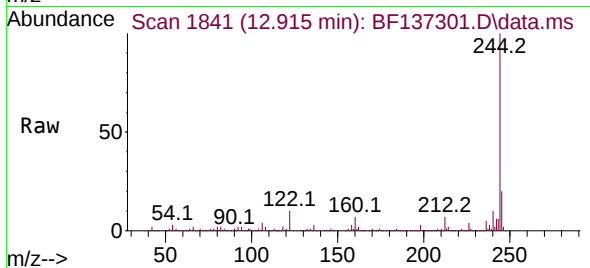
Instrument :

BNA_F

ClientSampleId :

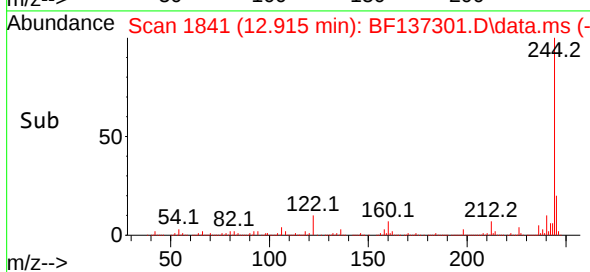
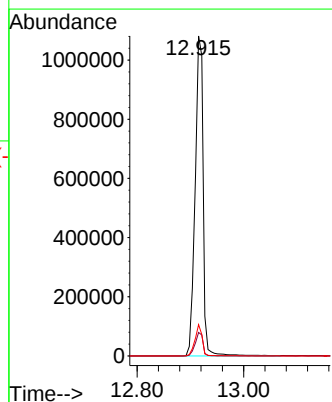
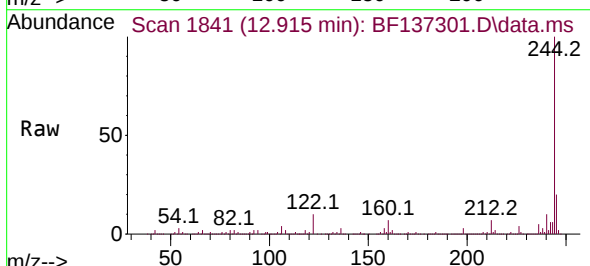
EB-4-6-8

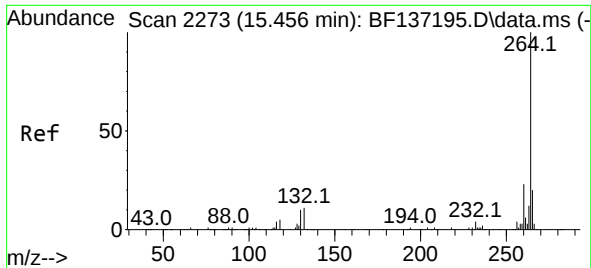
Tgt Ion:184 Resp: 14448
Ion Ratio Lower Upper
184 100
185 15.6 11.9 17.9
183 6.5 8.8 13.2#



#79
Terphenyl-d14
Concen: 107.776 ng
RT: 12.915 min Scan# 1841
Delta R.T. -0.006 min
Lab File: BF137301.D
Acq: 06 Feb 2024 19:51

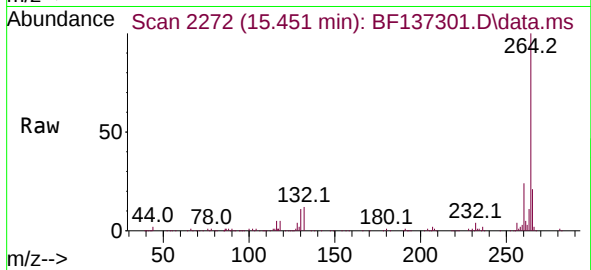
Tgt Ion:244 Resp: 1132183
Ion Ratio Lower Upper
244 100
212 7.3 5.5 8.3
122 9.8 6.2 9.4#





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.451 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BF137301.D
 Acq: 06 Feb 2024 19:51

Instrument :
 BNA_F
 ClientSampleId :
 EB-4-6-8



Tgt Ion:264 Resp: 137618

Ion	Ratio	Lower	Upper
264	100		
260	23.8	18.2	27.4
265	21.2	16.2	24.2

