

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020624\
 Data File : BF137299.D
 Acq On : 06 Feb 2024 18:52
 Operator : CG\JU
 Sample : P1141-04
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Feb 07 01:04:06 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)

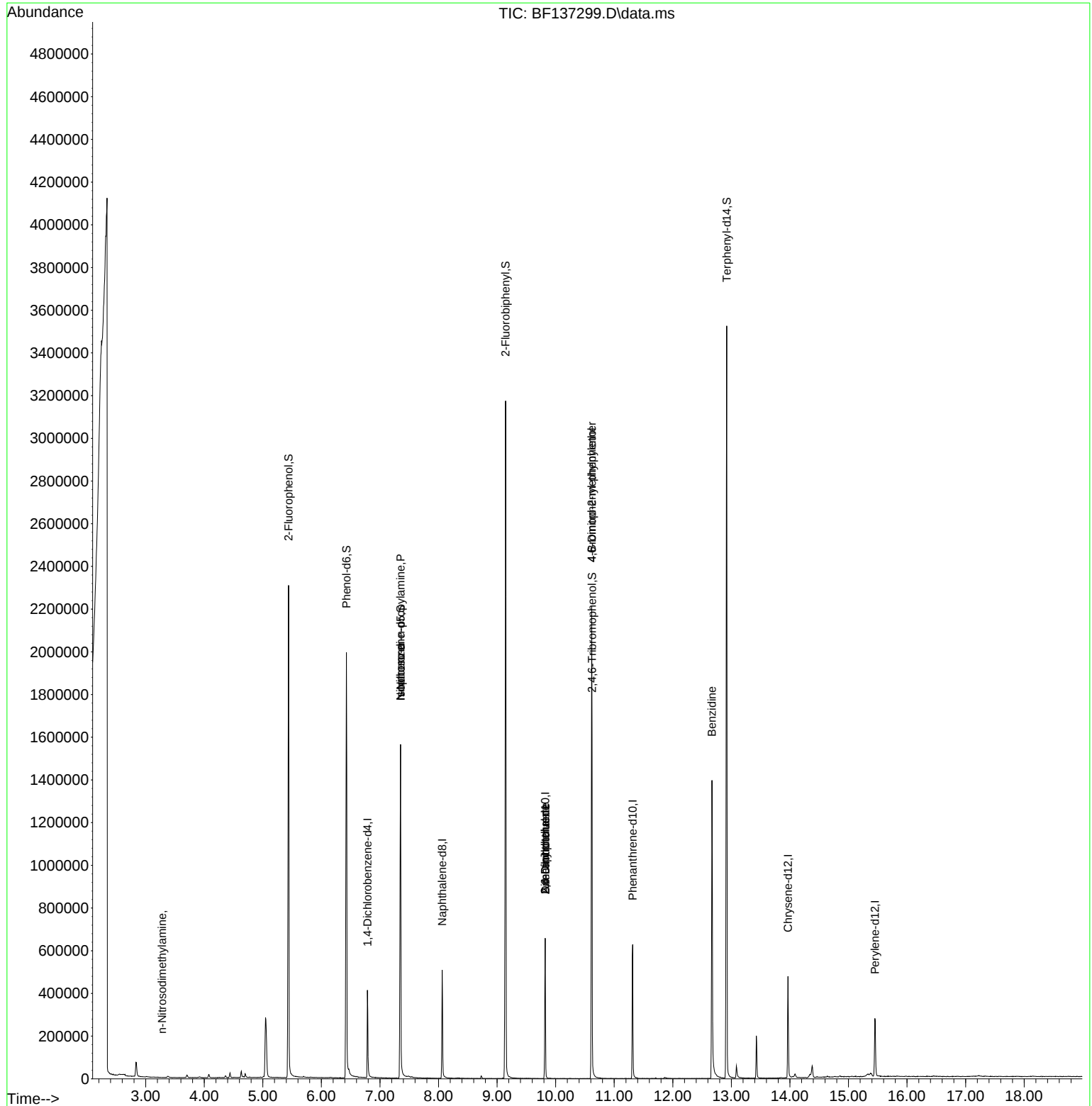
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.787	152	56817	20.000	ng	0.00
21) Naphthalene-d8	8.063	136	222593	20.000	ng	-0.01
39) Acenaphthene-d10	9.822	164	132912	20.000	ng	0.00
64) Phenanthrene-d10	11.316	188	257376	20.000	ng	# 0.00
76) Chrysene-d12	13.968	240	167666	20.000	ng	0.00
86) Perylene-d12	15.451	264	142836	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.440	112	612298	177.824	ng	0.02
7) Phenol-d6	6.428	99	759077	154.475	ng	0.00
23) Nitrobenzene-d5	7.351	82	588760	118.421	ng	0.00
42) 2,4,6-Tribromophenol	10.622	330	277806	185.075	ng	0.00
45) 2-Fluorobiphenyl	9.145	172	1067706	110.430	ng	0.00
79) Terphenyl-d14	12.922	244	1335858	108.312	ng	0.00
Target Compounds						
						Qvalue
4) n-Nitrosodimethylamine	3.281	42	153	6.131	ng	# 1
19) n-Nitroso-di-n-propyla...	7.351	70	81531	24.199	ng	# 78
25) Isophorone	7.351	82	588754	64.156	ng	# 67
50) Dimethylphthalate	9.822	163	24800	2.762	ng	# 1
51) 2,6-Dinitrotoluene	9.822	165	17201	8.984	ng	# 19
57) 2,4-Dinitrotoluene	9.822	165	17201	6.924	ng	# 17
65) 4,6-Dinitro-2-methylph...	10.616	198	665	5.887	ng	# 1
67) 4-Bromophenyl-phenylether	10.616	248	18433	6.513	ng	# 1
77) Benzidine	12.669	184	585224	194.924	ng	97

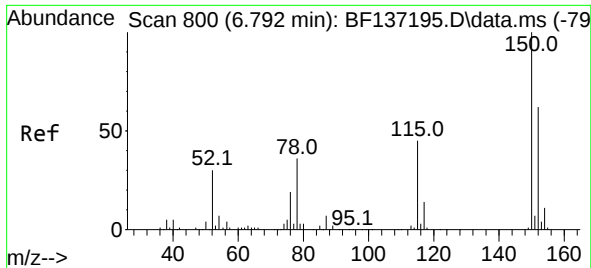
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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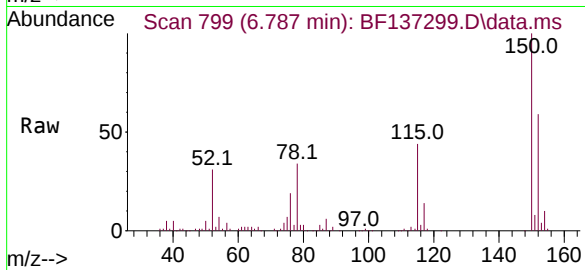
Quant Time: Feb 07 01:04:06 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF013024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 31 04:56:22 2024
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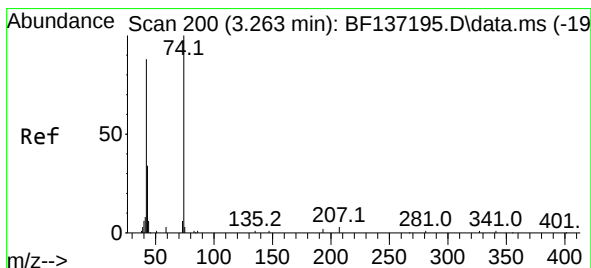
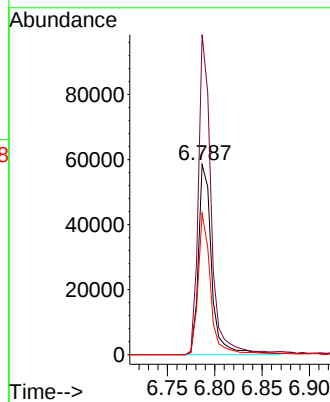
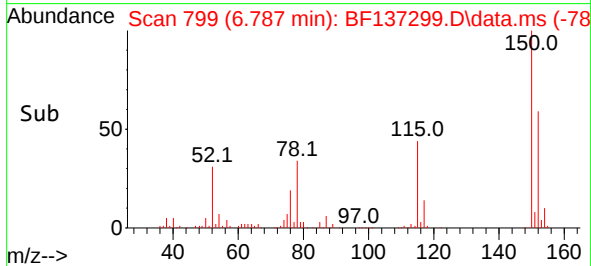


#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.787 min Scan# 79
 Delta R.T. -0.005 min
 Lab File: BF137299.D
 Acq: 06 Feb 2024 18:52

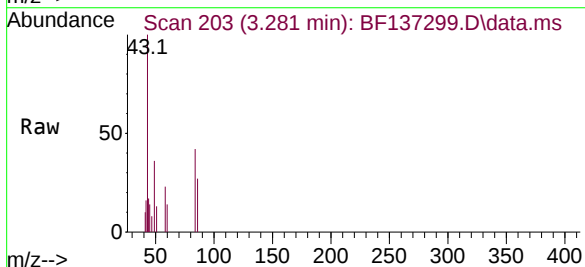
Instrument :
 BNA_F
 ClientSampleId :



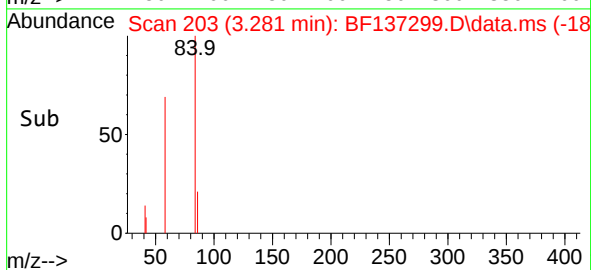
Tgt Ion:152 Resp: 56817
 Ion Ratio Lower Upper
 152 100
 150 168.4 129.8 194.8
 115 74.3 58.5 87.7

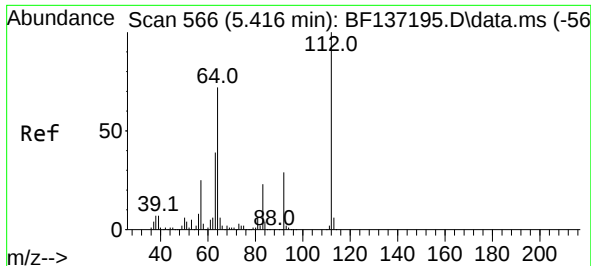


#4
 n-Nitrosodimethylamine
 Concen: 6.131 ng
 RT: 3.281 min Scan# 203
 Delta R.T. 0.018 min
 Lab File: BF137299.D
 Acq: 06 Feb 2024 18:52



Tgt Ion: 42 Resp: 153
 Ion Ratio Lower Upper
 42 100
 74 0.0 90.5 135.7#
 44 105.8 6.1 9.1#

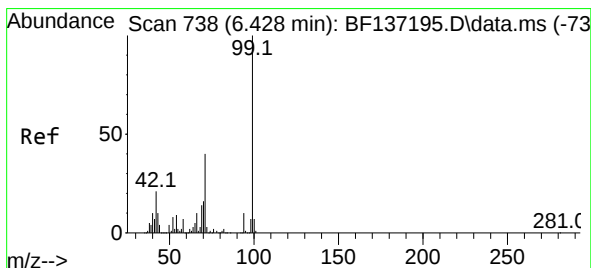
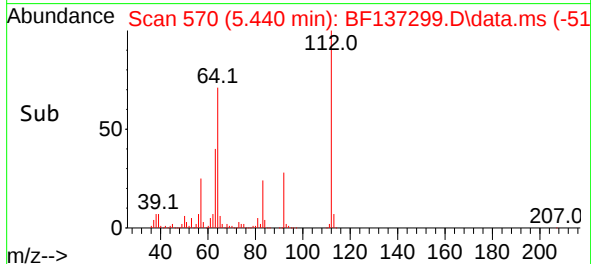
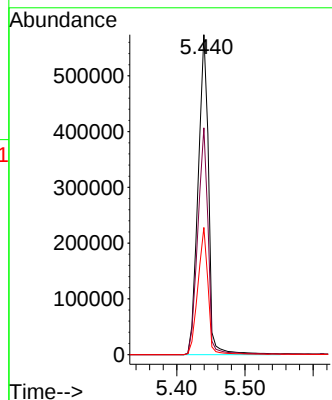
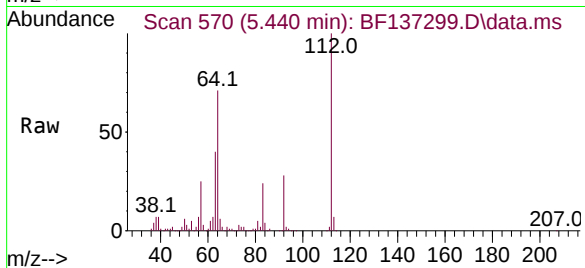




#5
2-Fluorophenol
Concen: 177.824 ng
RT: 5.440 min Scan# 51
Delta R.T. 0.024 min
Lab File: BF137299.D
Acq: 06 Feb 2024 18:52

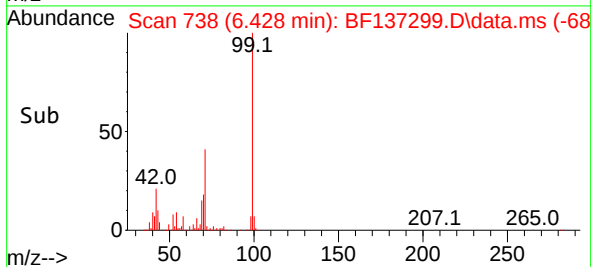
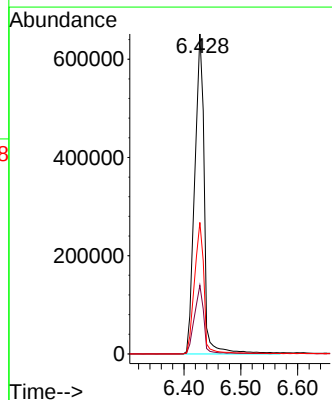
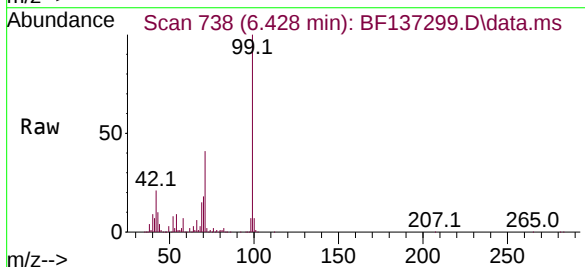
Instrument :
BNA_F
ClientSampleId :

Tgt Ion:112 Resp: 612298
Ion Ratio Lower Upper
112 100
64 70.9 57.8 86.6
63 39.7 31.4 47.0



#7
Phenol-d6
Concen: 154.475 ng
RT: 6.428 min Scan# 738
Delta R.T. 0.000 min
Lab File: BF137299.D
Acq: 06 Feb 2024 18:52

Tgt Ion: 99 Resp: 759077
Ion Ratio Lower Upper
99 100
42 21.5 16.4 24.6
71 41.1 32.4 48.6

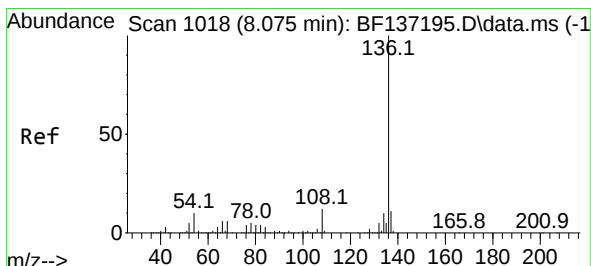
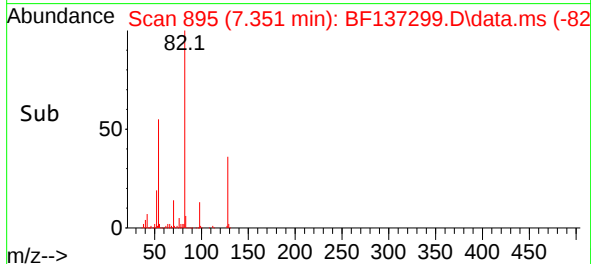
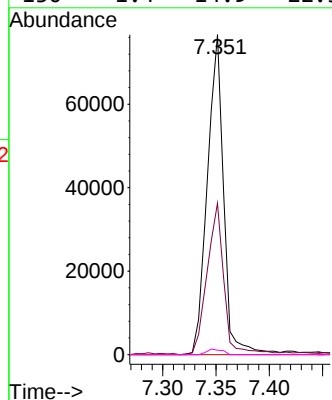
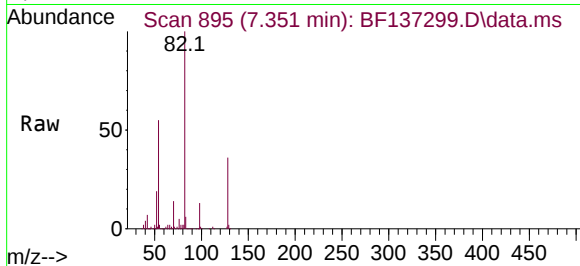




#19
n-Nitroso-di-n-propylamine
Concen: 24.199 ng
RT: 7.351 min Scan# 89
Delta R.T. 0.141 min
Lab File: BF137299.D
Acq: 06 Feb 2024 18:52

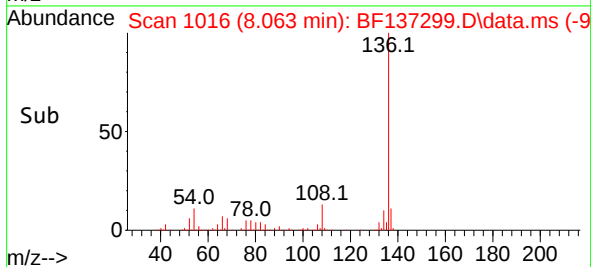
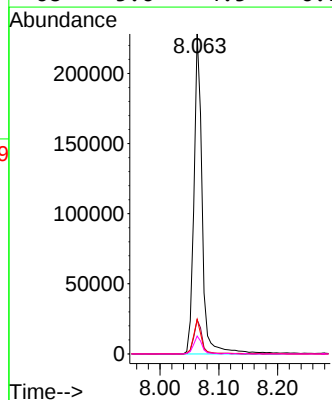
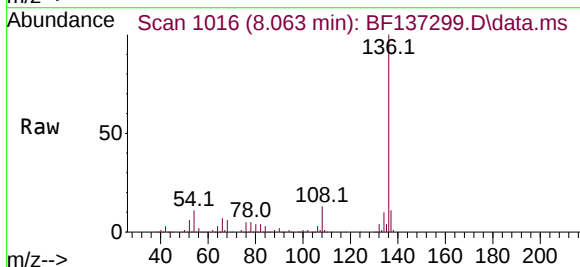
Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 70	Resp: 81531
Ion Ratio	Lower Upper
70 100	
42 47.3	47.2 70.8
101 0.0	7.4 11.0#
130 1.4	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: BF137299.D
Acq: 06 Feb 2024 18:52

Tgt Ion: 136	Resp: 222593
Ion Ratio	Lower Upper
136 100	
137 10.7	8.9 13.3
54 10.8	7.8 11.8
68 5.6	4.5 6.7

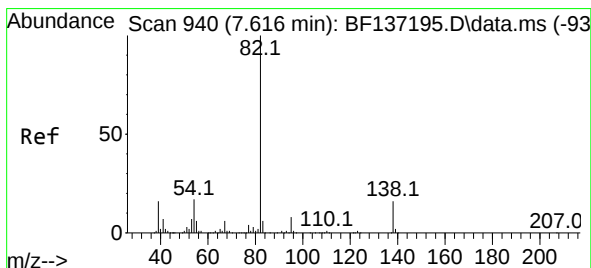
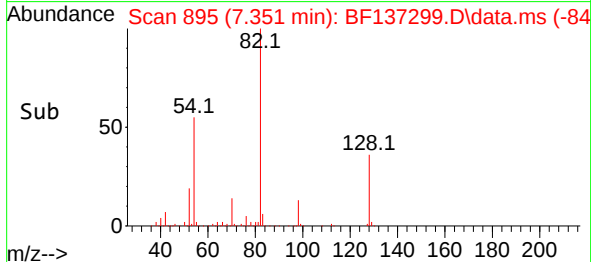
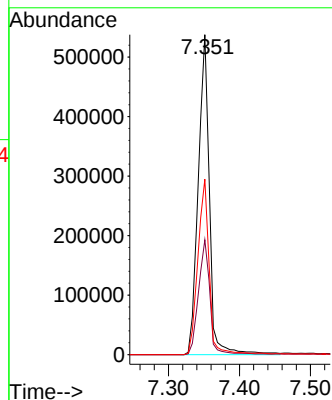
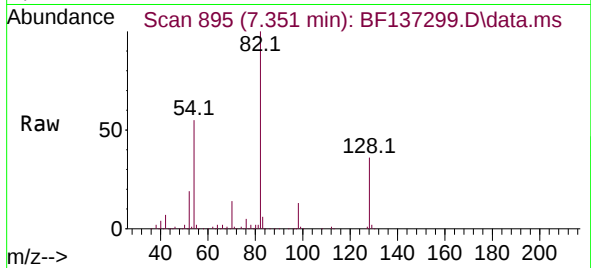




#23
Nitrobenzene-d5
Concen: 118.421 ng
RT: 7.351 min Scan# 895
Delta R.T. -0.006 min
Lab File: BF137299.D
Acq: 06 Feb 2024 18:52

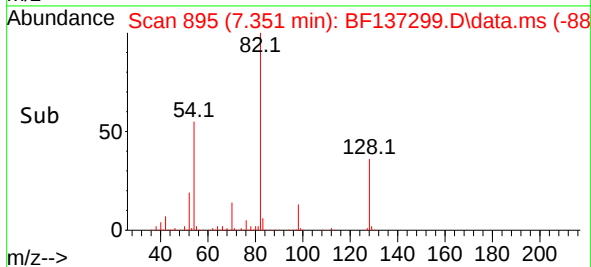
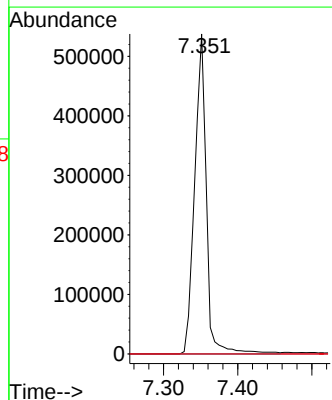
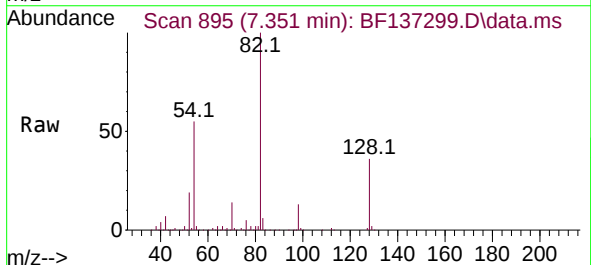
Instrument :
BNA_F
ClientSampleId :

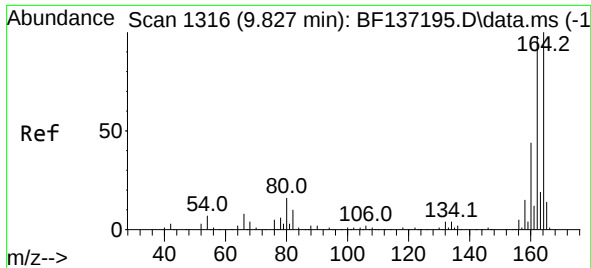
Tgt Ion: 82 Resp: 588760
Ion Ratio Lower Upper
82 100
128 35.9 29.1 43.7
54 54.8 45.0 67.6



#25
Isophorone
Concen: 64.156 ng
RT: 7.351 min Scan# 895
Delta R.T. -0.265 min
Lab File: BF137299.D
Acq: 06 Feb 2024 18:52

Tgt Ion: 82 Resp: 588754
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

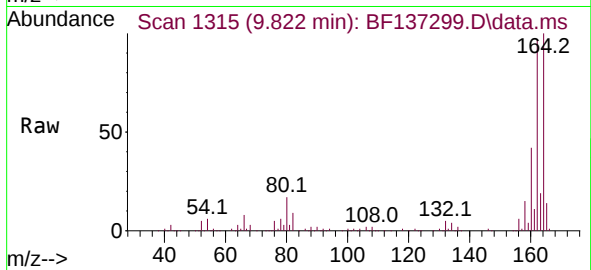
Lab File: BF137299.D

Acq: 06 Feb 2024 18:52

Instrument :

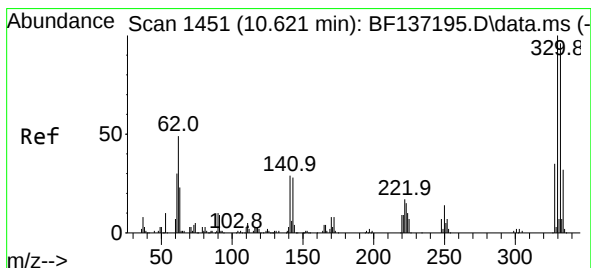
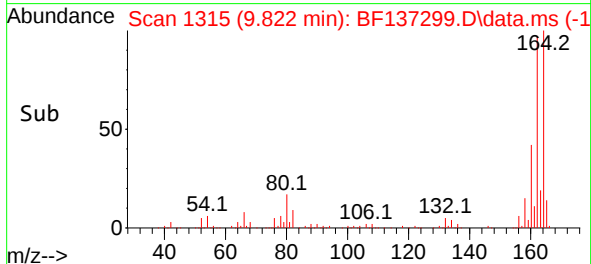
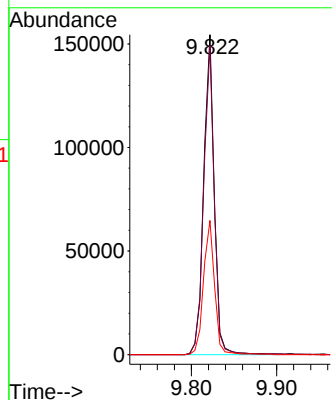
BNA_F

ClientSampleId :



Tgt Ion:164 Resp: 132912

Ion	Ratio	Lower	Upper
164	100		
162	96.5	78.3	117.5
160	41.9	35.4	53.2



#42

2,4,6-Tribromophenol

Concen: 185.075 ng

RT: 10.622 min Scan# 1451

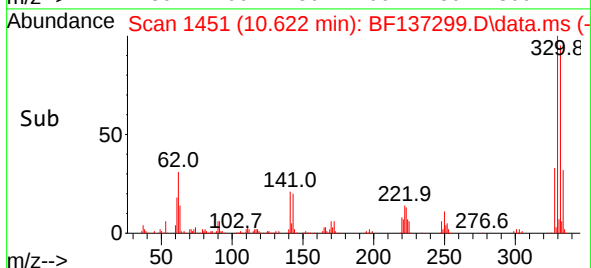
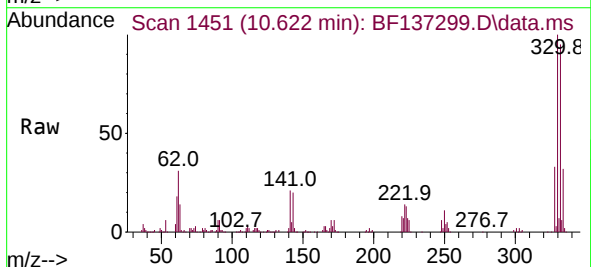
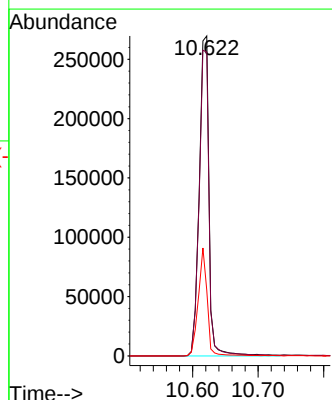
Delta R.T. 0.000 min

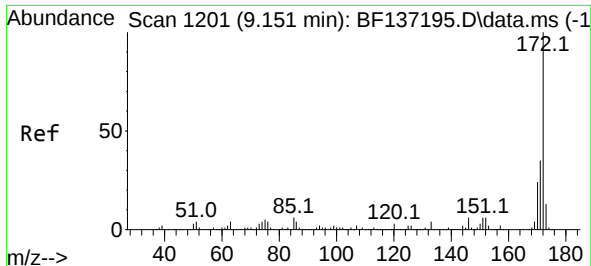
Lab File: BF137299.D

Acq: 06 Feb 2024 18:52

Tgt Ion:330 Resp: 277806

Ion	Ratio	Lower	Upper
330	100		
332	96.0	77.3	115.9
141	31.0	25.2	37.8

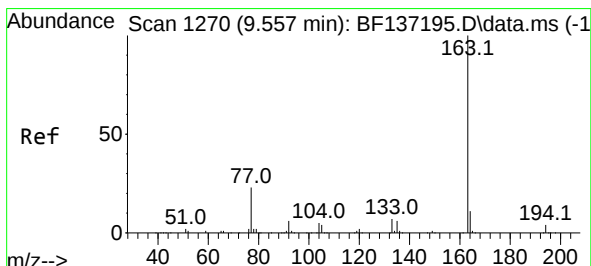
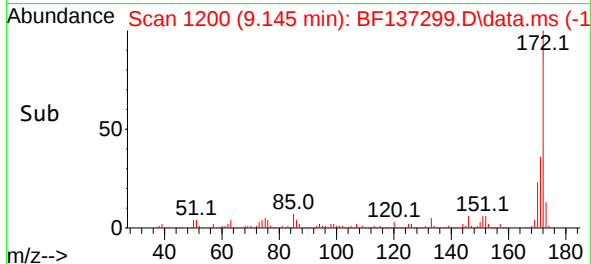
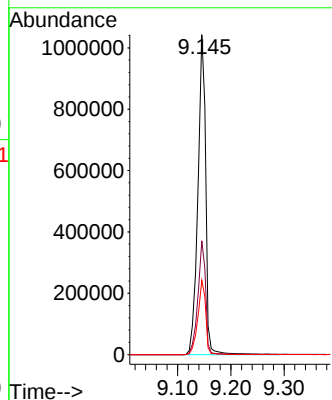
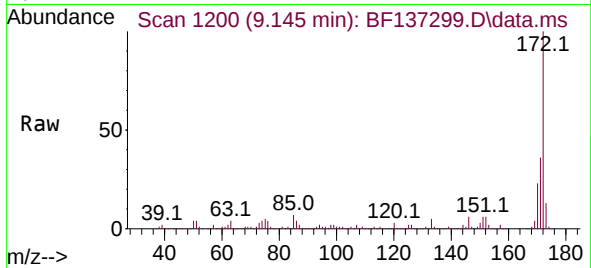




#45
2-Fluorobiphenyl
Concen: 110.430 ng
RT: 9.145 min Scan# 1315
Delta R.T. -0.006 min
Lab File: BF137299.D
Acq: 06 Feb 2024 18:52

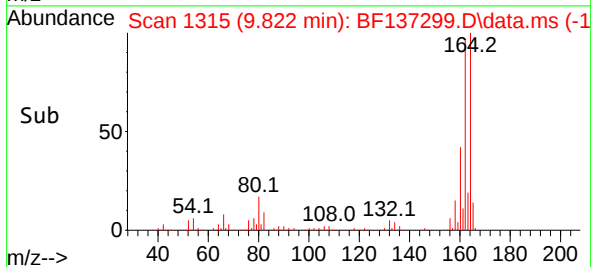
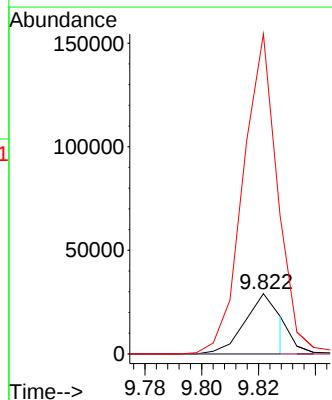
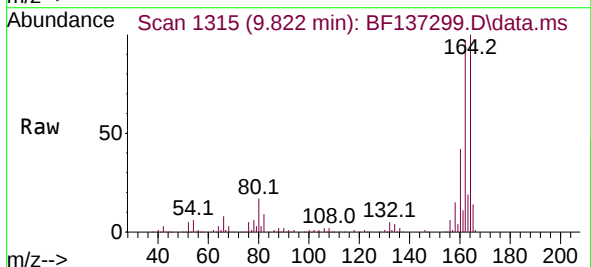
Instrument :
BNA_F
ClientSampleId :

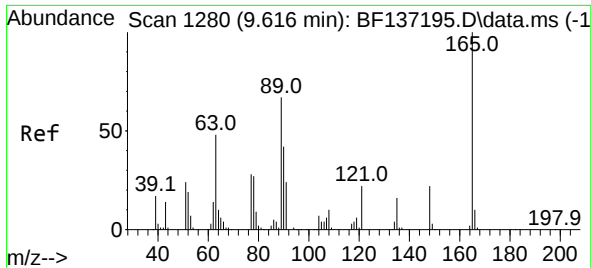
Tgt Ion:172 Resp: 1067706
Ion Ratio Lower Upper
172 100
171 35.6 28.3 42.5
170 23.2 19.1 28.7



#50
Dimethylphthalate
Concen: 2.762 ng
RT: 9.822 min Scan# 1315
Delta R.T. 0.265 min
Lab File: BF137299.D
Acq: 06 Feb 2024 18:52

Tgt Ion:163 Resp: 24800
Ion Ratio Lower Upper
163 100
194 0.0 3.3 4.9#
164 531.7 8.6 13.0#

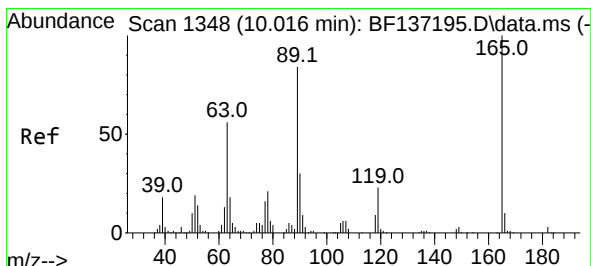
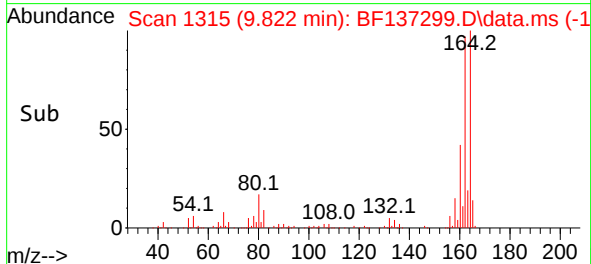
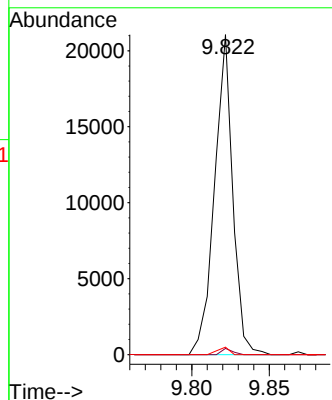
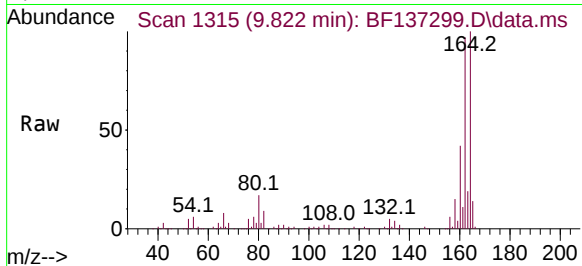




#51
2,6-Dinitrotoluene
Concen: 8.984 ng
RT: 9.822 min Scan# 1315
Delta R.T. 0.206 min
Lab File: BF137299.D
Acq: 06 Feb 2024 18:52

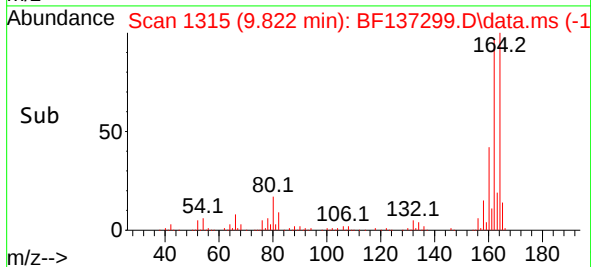
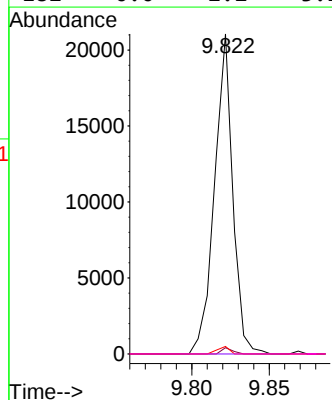
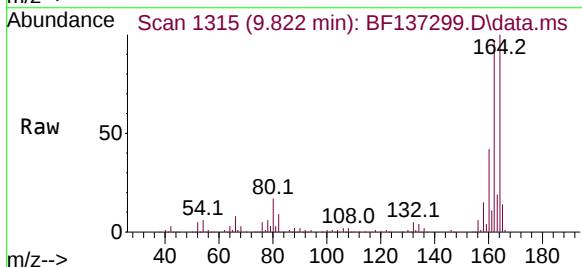
Instrument :
BNA_F
ClientSampleId :

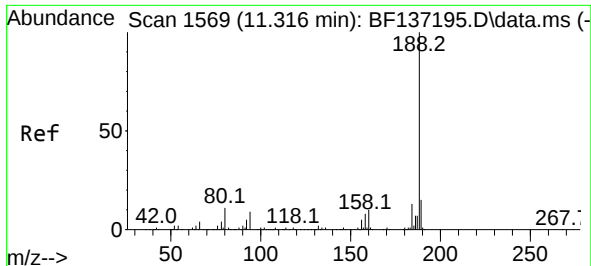
Tgt Ion:165 Resp: 17201
Ion Ratio Lower Upper
165 100
63 1.9 55.1 82.7#
89 2.3 53.5 80.3#



#57
2,4-Dinitrotoluene
Concen: 6.924 ng
RT: 9.822 min Scan# 1315
Delta R.T. -0.194 min
Lab File: BF137299.D
Acq: 06 Feb 2024 18:52

Tgt Ion:165 Resp: 17201
Ion Ratio Lower Upper
165 100
63 1.9 46.1 69.1#
89 2.3 67.5 101.3#
182 0.0 2.2 3.2#

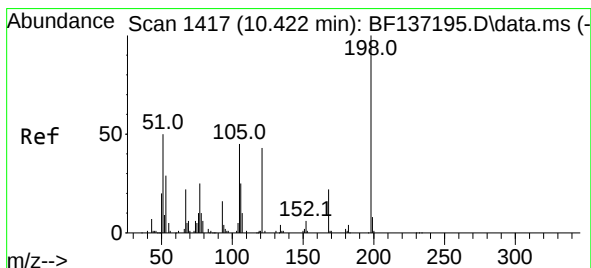
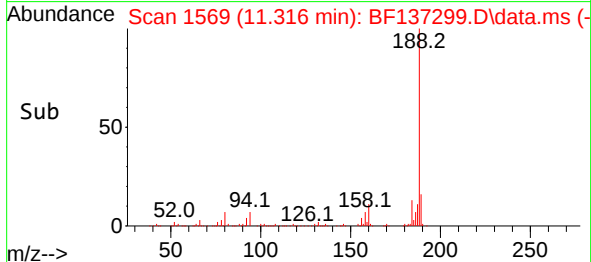
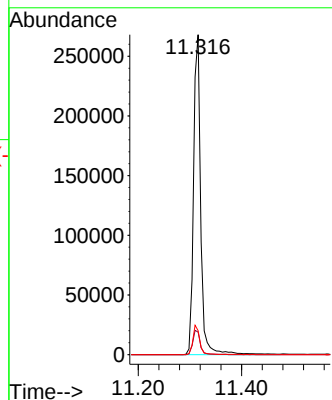
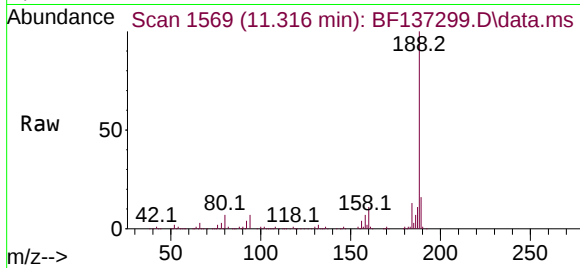




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.316 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF137299.D
Acq: 06 Feb 2024 18:52

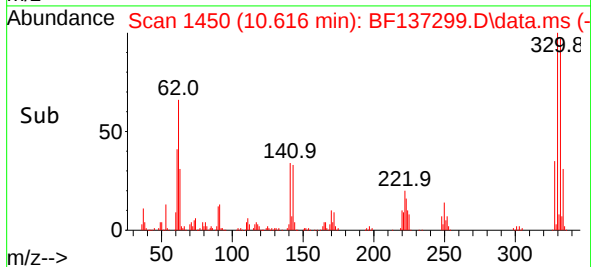
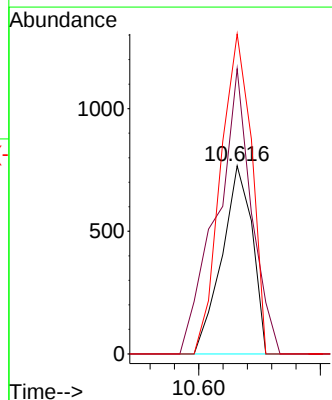
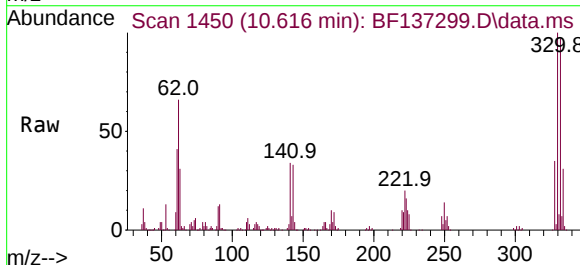
Instrument :
BNA_F
ClientSampleId :

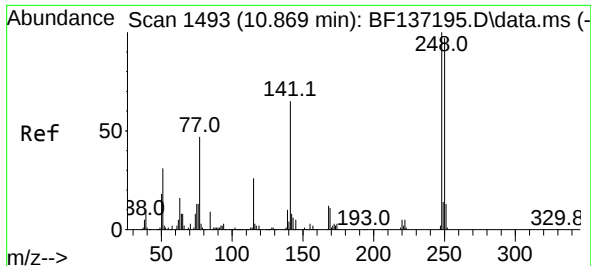
Tgt Ion:188 Resp: 257376
Ion Ratio Lower Upper
188 100
94 7.0 7.0 10.4
80 7.5 8.8 13.2#



#65
4,6-Dinitro-2-methylphenol
Concen: 5.887 ng
RT: 10.616 min Scan# 1450
Delta R.T. 0.194 min
Lab File: BF137299.D
Acq: 06 Feb 2024 18:52

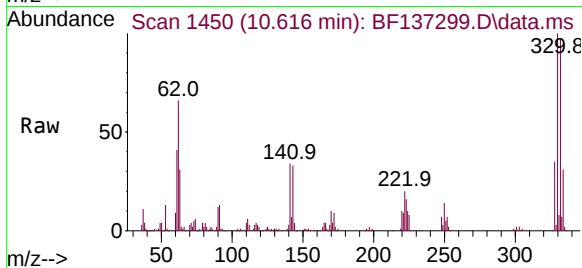
Tgt Ion:198 Resp: 665
Ion Ratio Lower Upper
198 100
51 151.6 40.9 80.9#
105 170.1 26.5 66.5#



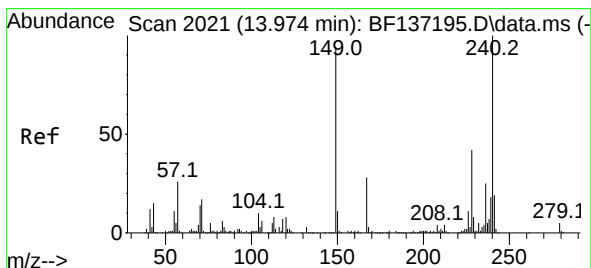
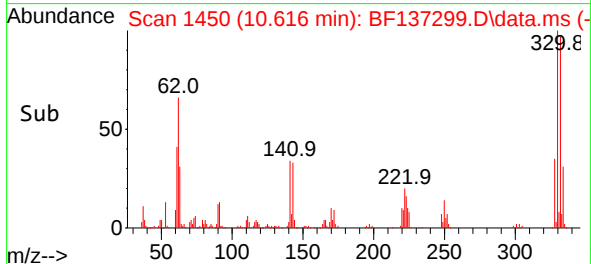
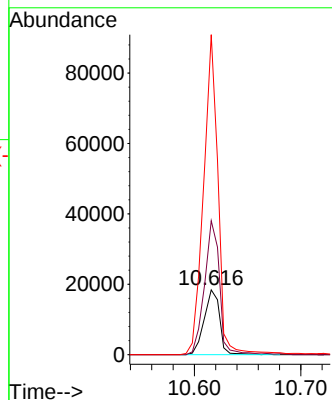


#67
4-Bromophenyl-phenylether
Concen: 6.513 ng
RT: 10.616 min Scan# 14
Delta R.T. -0.253 min
Lab File: BF137299.D
Acq: 06 Feb 2024 18:52

Instrument :
BNA_F
ClientSampleId :

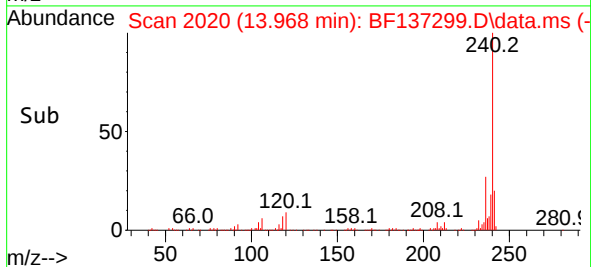
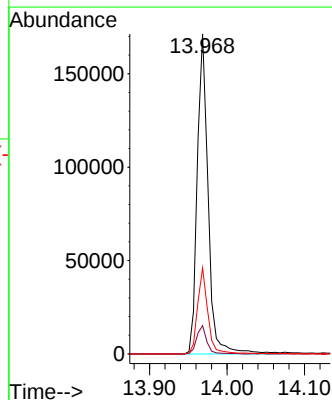
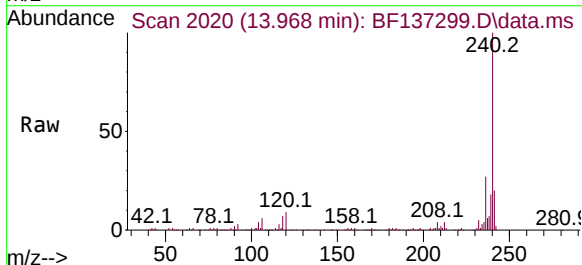


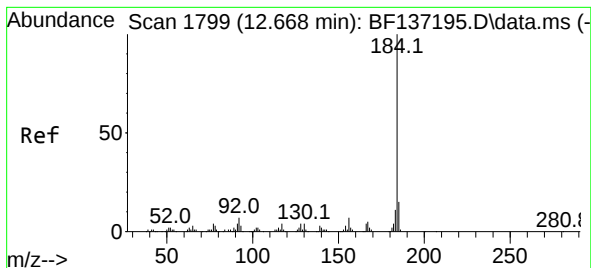
Tgt Ion:248 Resp: 18433
Ion Ratio Lower Upper
248 100
250 206.9 77.7 116.5#
141 494.7 51.6 77.4#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.968 min Scan# 2020
Delta R.T. -0.006 min
Lab File: BF137299.D
Acq: 06 Feb 2024 18:52

Tgt Ion:240 Resp: 167666
Ion Ratio Lower Upper
240 100
120 8.8 6.3 9.5
236 26.9 20.3 30.5





#77

Benzidine

Concen: 194.924 ng

RT: 12.669 min Scan# 1799

Delta R.T. 0.001 min

Lab File: BF137299.D

Acq: 06 Feb 2024 18:52

Instrument :

BNA_F

ClientSampleId :

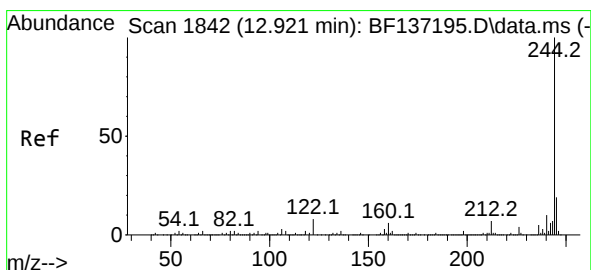
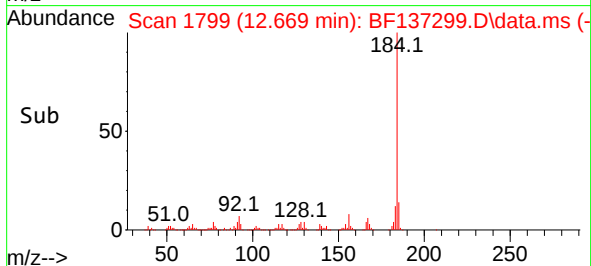
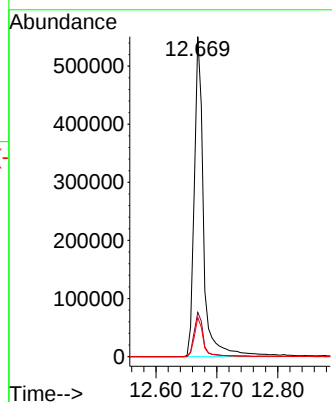
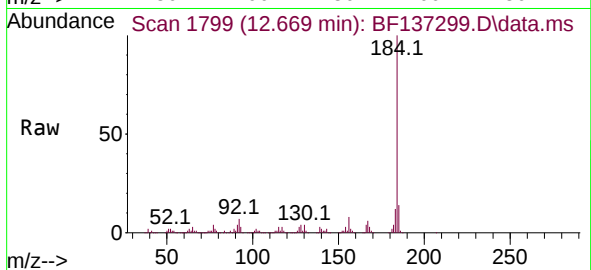
Tgt Ion:184 Resp: 585224

Ion Ratio Lower Upper

184 100

185 13.8 11.9 17.9

183 12.2 8.8 13.2



#79

Terphenyl-d14

Concen: 108.312 ng

RT: 12.922 min Scan# 1842

Delta R.T. 0.000 min

Lab File: BF137299.D

Acq: 06 Feb 2024 18:52

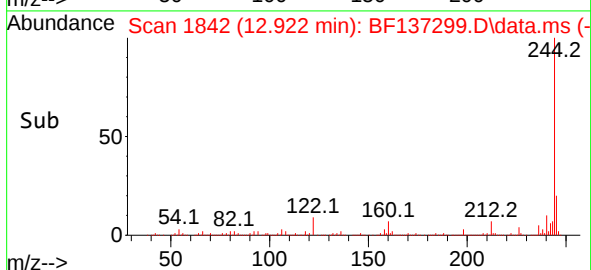
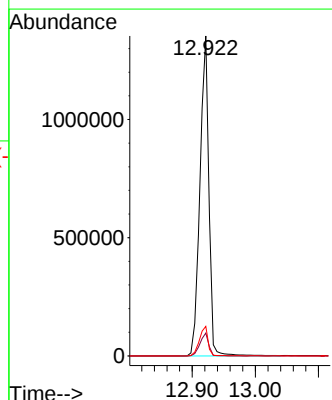
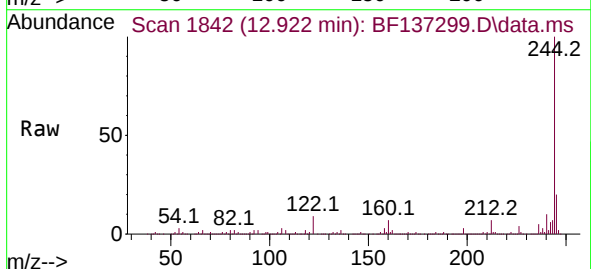
Tgt Ion:244 Resp: 1335858

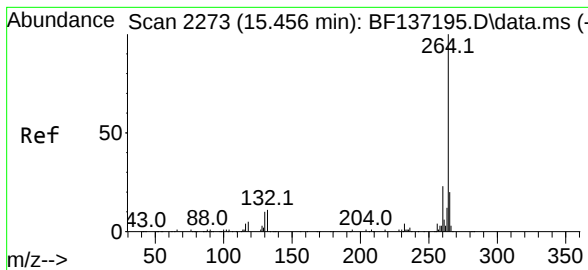
Ion Ratio Lower Upper

244 100

212 7.1 5.5 8.3

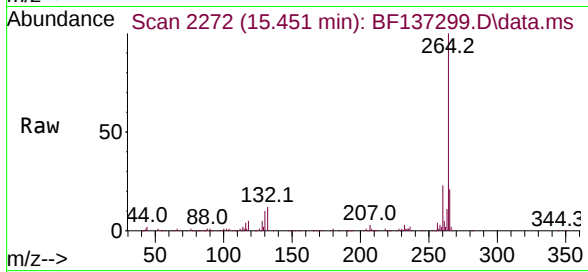
122 9.2 6.2 9.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.451 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF137299.D
Acq: 06 Feb 2024 18:52

Instrument :
BNA_F
ClientSampleId :



Tgt Ion:264 Resp: 142836
Ion Ratio Lower Upper
264 100
260 23.3 18.2 27.4
265 21.0 16.2 24.2

