

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020724\
 Data File : BF137328.D
 Acq On : 07 Feb 2024 19:05
 Operator : CG\JU
 Sample : P1141-02
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EB-3-0-2

Quant Time: Feb 08 01:09:19 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)

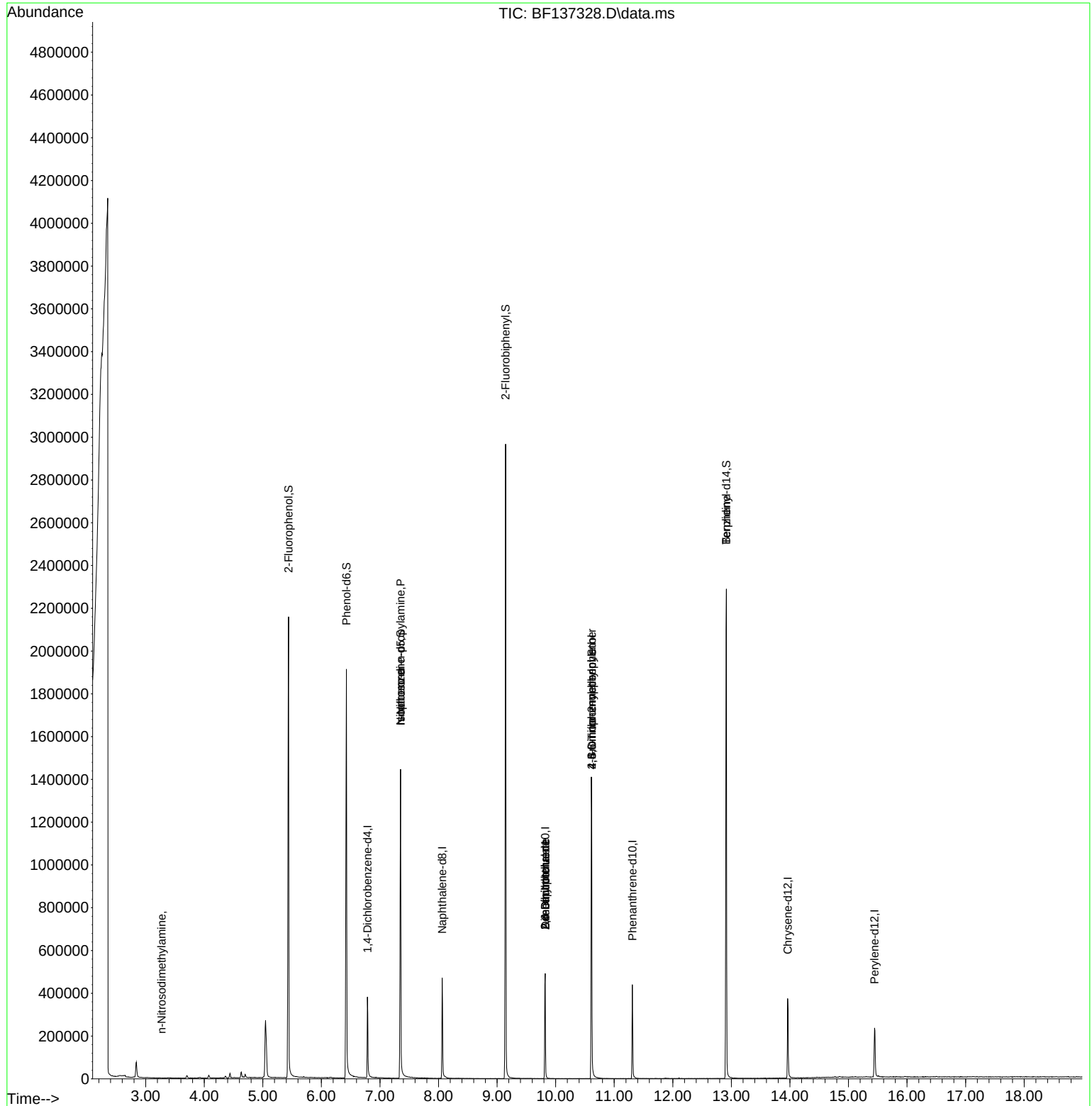
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.787	152	52948	20.000	ng	0.00
21) Naphthalene-d8	8.063	136	205891	20.000	ng	-0.01
39) Acenaphthene-d10	9.822	164	104625	20.000	ng	0.00
64) Phenanthrene-d10	11.310	188	168355	20.000	ng	# 0.00
76) Chrysene-d12	13.963	240	141454	20.000	ng	-0.01
86) Perylene-d12	15.445	264	125768	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.440	112	567717	176.924	ng	0.02
7) Phenol-d6	6.428	99	677012	147.842	ng	0.00
23) Nitrobenzene-d5	7.351	82	507572	110.373	ng	0.00
42) 2,4,6-Tribromophenol	10.616	330	183868	155.611	ng	0.00
45) 2-Fluorobiphenyl	9.145	172	849517	111.618	ng	0.00
79) Terphenyl-d14	12.916	244	878141	84.394	ng	0.00
Target Compounds						Qvalue
4) n-Nitrosodimethylamine	3.269	42	220	6.170	ng	# 1
19) n-Nitroso-di-n-propyla...	7.351	70	68249	21.737	ng	# 80
25) Isophorone	7.351	82	507569	59.796	ng	# 67
50) Dimethylphthalate	9.822	163	20069	2.839	ng	# 1
51) 2,6-Dinitrotoluene	9.822	165	12812	8.500	ng	# 18
57) 2,4-Dinitrotoluene	9.822	165	12812	6.551	ng	# 17
65) 4,6-Dinitro-2-methylph...	10.616	198	384	5.836	ng	# 3
67) 4-Bromophenyl-phenylether	10.616	248	12049	6.509	ng	# 1
77) Benzidine	12.916	184	10760	4.248	ng	# 91

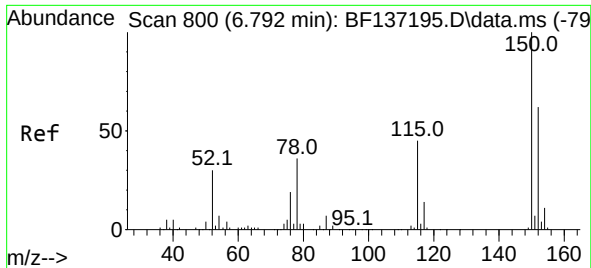
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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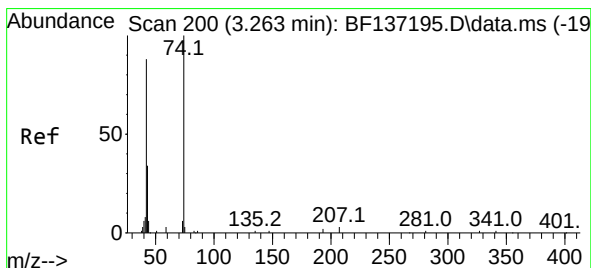
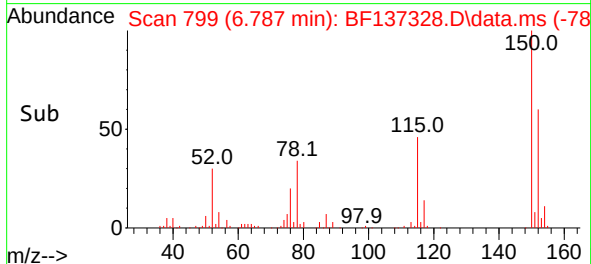
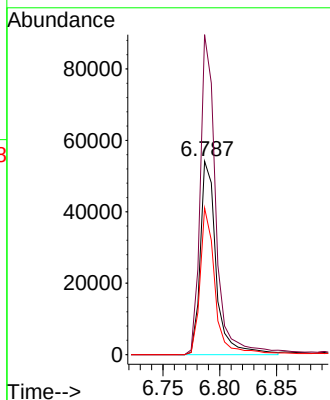
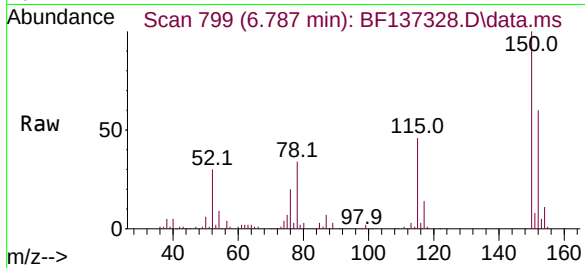




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.787 min Scan# 79
Delta R.T. -0.005 min
Lab File: BF137328.D
Acq: 07 Feb 2024 19:05

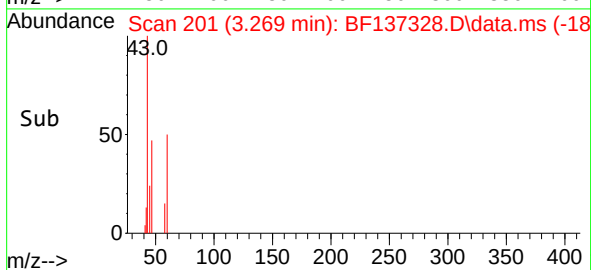
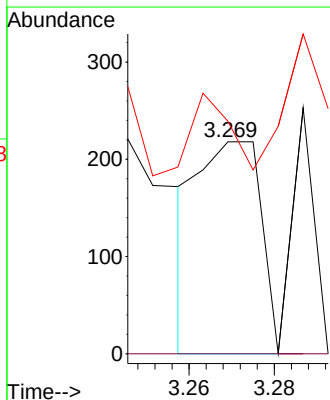
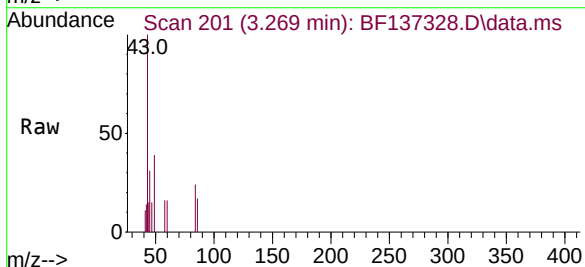
Instrument :
BNA_F
ClientSampleId :
EB-3-0-2

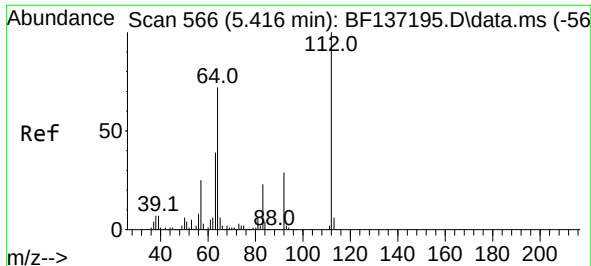
Tgt Ion:152 Resp: 52948
Ion Ratio Lower Upper
152 100
150 165.5 129.8 194.8
115 75.8 58.5 87.7



#4
n-Nitrosodimethylamine
Concen: 6.170 ng
RT: 3.269 min Scan# 201
Delta R.T. 0.006 min
Lab File: BF137328.D
Acq: 07 Feb 2024 19:05

Tgt Ion: 42 Resp: 220
Ion Ratio Lower Upper
42 100
74 0.0 90.5 135.7#
44 109.6 6.1 9.1#

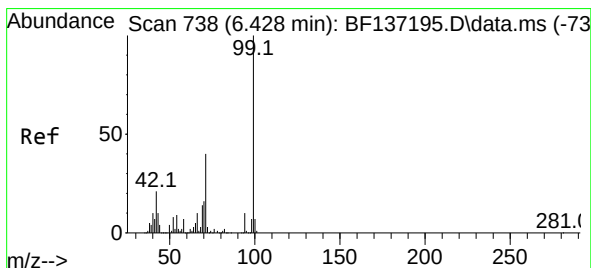
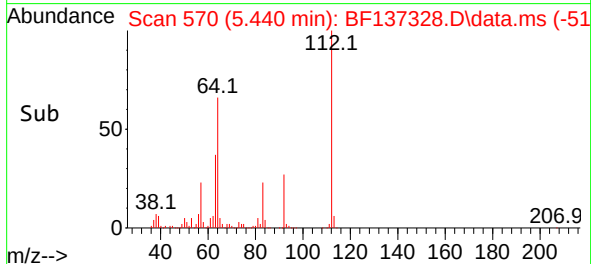
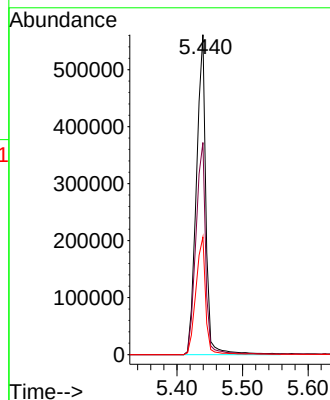
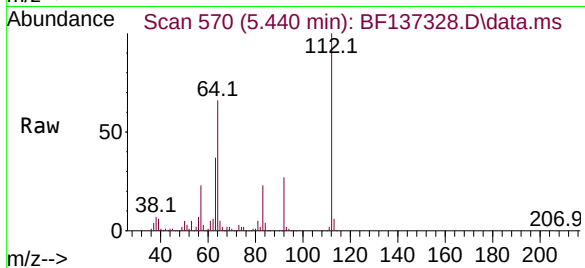




#5
2-Fluorophenol
Concen: 176.924 ng
RT: 5.440 min Scan# 51
Delta R.T. 0.024 min
Lab File: BF137328.D
Acq: 07 Feb 2024 19:05

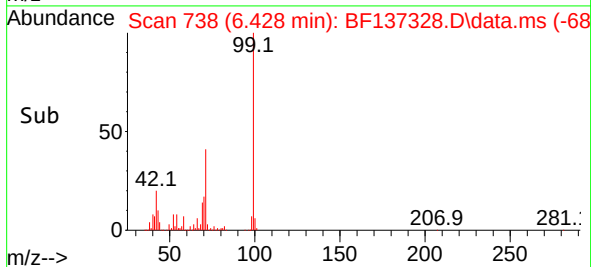
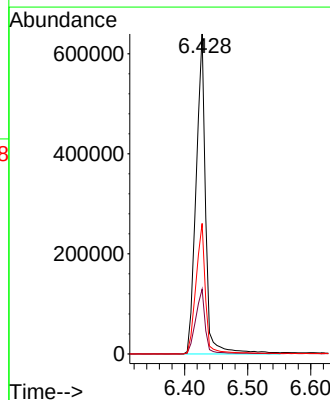
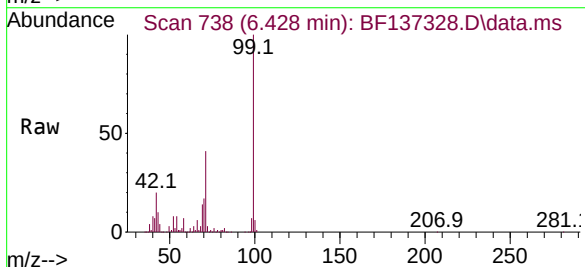
Instrument :
BNA_F
ClientSampleId :
EB-3-0-2

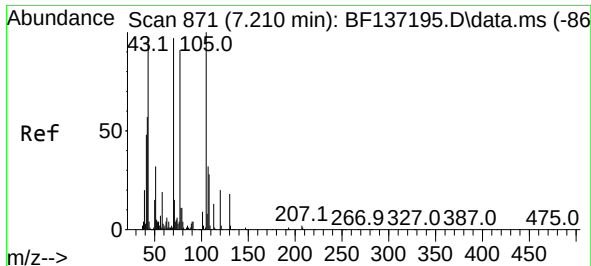
Tgt Ion:112 Resp: 567717
Ion Ratio Lower Upper
112 100
64 66.3 57.8 86.6
63 36.7 31.4 47.0



#7
Phenol-d6
Concen: 147.842 ng
RT: 6.428 min Scan# 738
Delta R.T. 0.000 min
Lab File: BF137328.D
Acq: 07 Feb 2024 19:05

Tgt Ion: 99 Resp: 677012
Ion Ratio Lower Upper
99 100
42 20.2 16.4 24.6
71 40.8 32.4 48.6

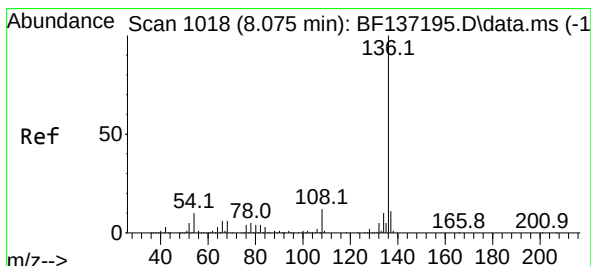
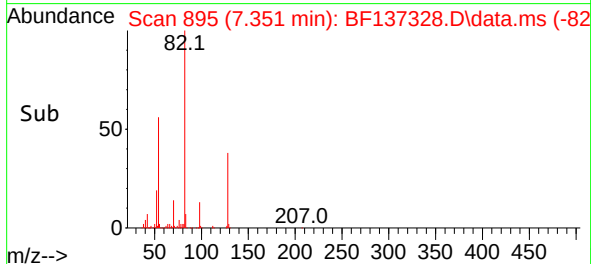
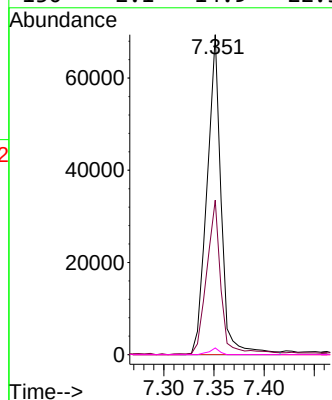
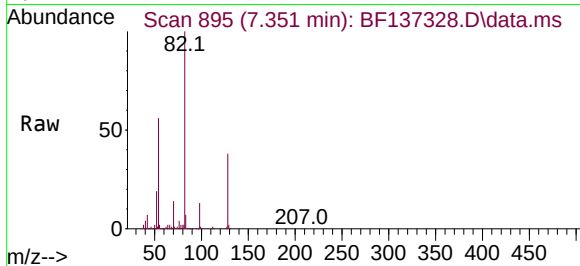




#19
n-Nitroso-di-n-propylamine
Concen: 21.737 ng
RT: 7.351 min Scan# 89
Delta R.T. 0.141 min
Lab File: BF137328.D
Acq: 07 Feb 2024 19:05

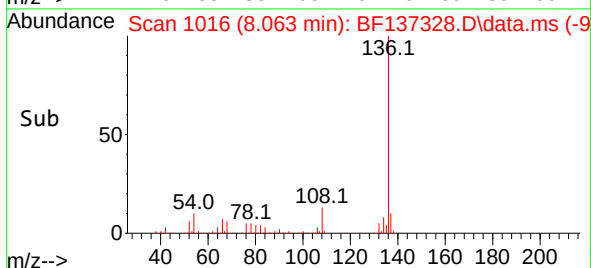
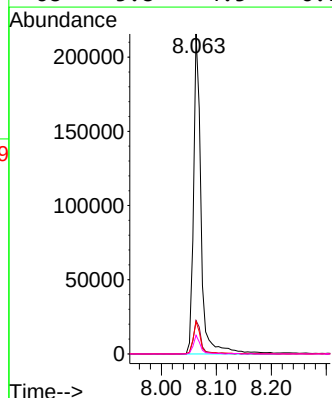
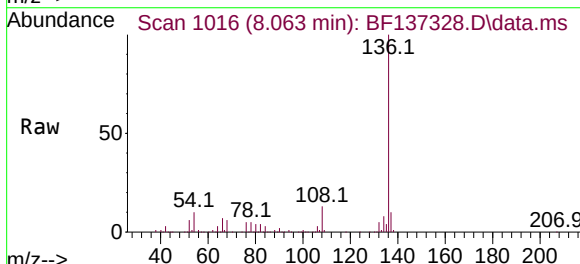
Instrument :
BNA_F
ClientSampleId :
EB-3-0-2

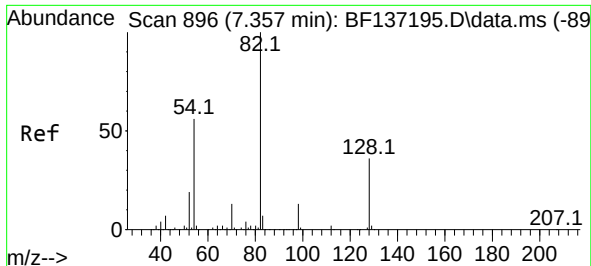
Tgt Ion:	70	Resp:	68249
Ion	Ratio	Lower	Upper
70	100		
42	48.3	47.2	70.8
101	0.0	7.4	11.0#
130	2.1	14.9	22.3#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.063 min Scan# 1016
Delta R.T. -0.012 min
Lab File: BF137328.D
Acq: 07 Feb 2024 19:05

Tgt Ion:	136	Resp:	205891
Ion	Ratio	Lower	Upper
136	100		
137	10.4	8.9	13.3
54	10.1	7.8	11.8
68	5.8	4.5	6.7





#23

Nitrobenzene-d5

Concen: 110.373 ng

RT: 7.351 min Scan# 895

Delta R.T. -0.006 min

Lab File: BF137328.D

Acq: 07 Feb 2024 19:05

Instrument :

BNA_F

ClientSampleId :

EB-3-0-2

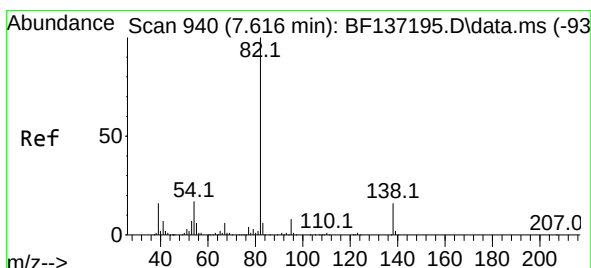
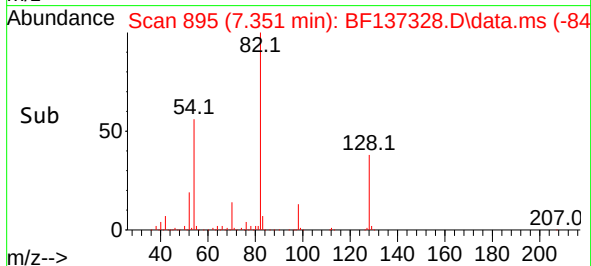
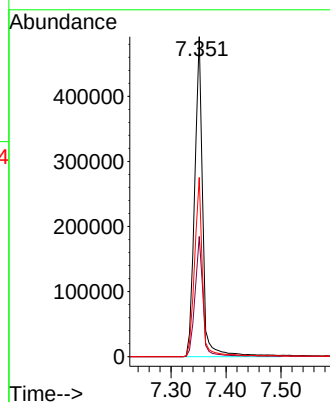
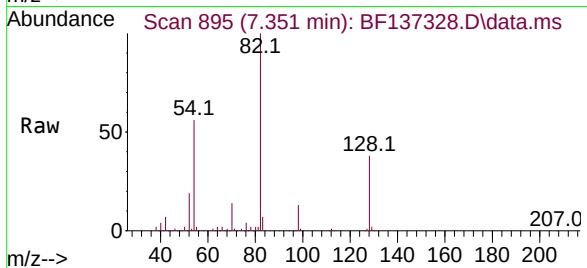
Tgt Ion: 82 Resp: 507572

Ion Ratio Lower Upper

82 100

128 37.5 29.1 43.7

54 56.0 45.0 67.6



#25

Isophorone

Concen: 59.796 ng

RT: 7.351 min Scan# 895

Delta R.T. -0.265 min

Lab File: BF137328.D

Acq: 07 Feb 2024 19:05

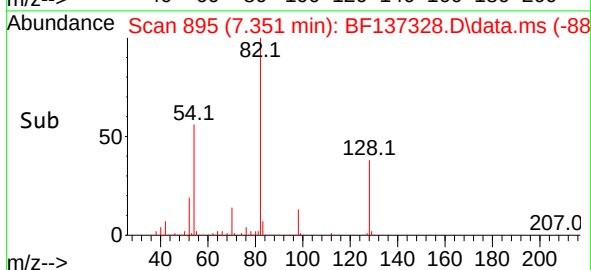
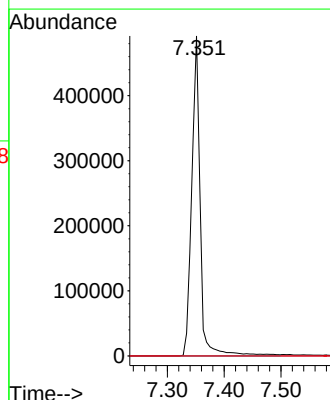
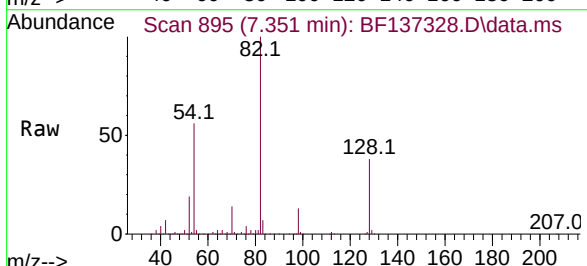
Tgt Ion: 82 Resp: 507569

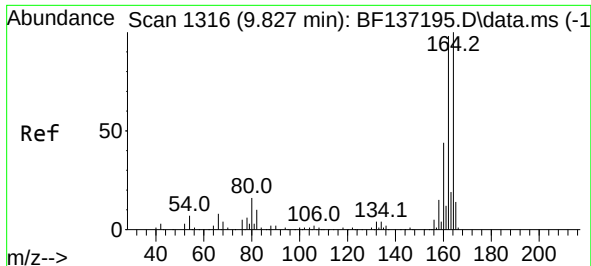
Ion Ratio Lower Upper

82 100

95 0.0 6.4 9.6#

138 0.0 12.7 19.1#

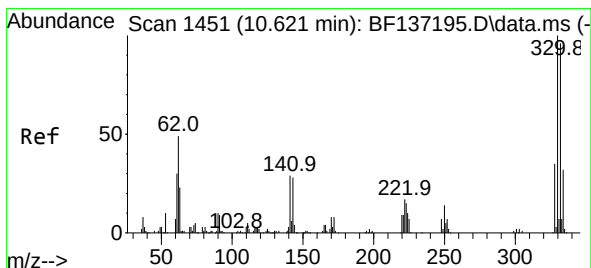
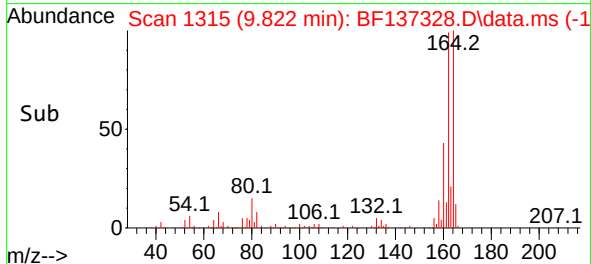
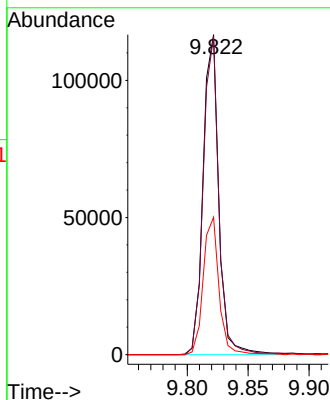
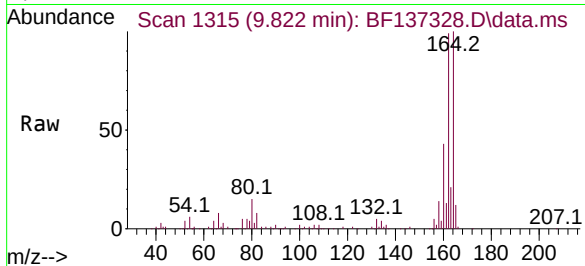




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.822 min Scan# 1316
Delta R.T. -0.005 min
Lab File: BF137328.D
Acq: 07 Feb 2024 19:05

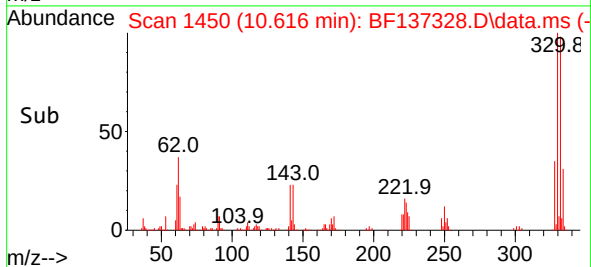
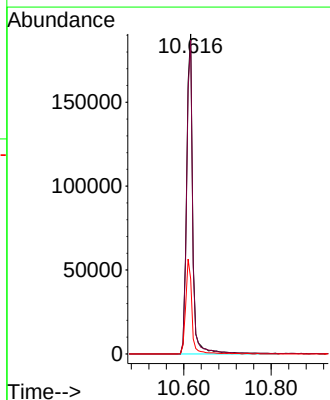
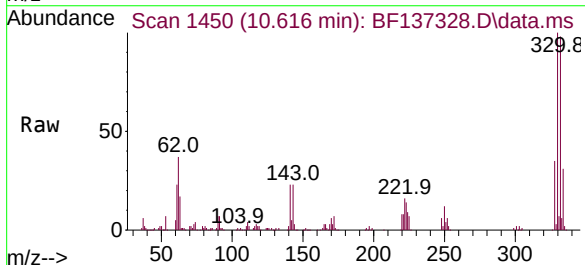
Instrument :
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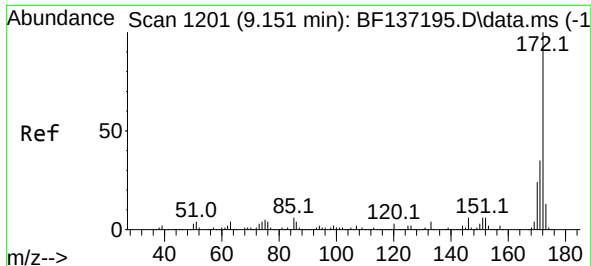
Tgt Ion:164	Resp: 104625
Ion Ratio	Lower Upper
164	100
162	99.4 78.3 117.5
160	42.9 35.4 53.2



#42
2,4,6-Tribromophenol
Concen: 155.611 ng
RT: 10.616 min Scan# 1450
Delta R.T. -0.006 min
Lab File: BF137328.D
Acq: 07 Feb 2024 19:05

Tgt Ion:330	Resp: 183868
Ion Ratio	Lower Upper
330	100
332	96.7 77.3 115.9
141	29.8 25.2 37.8

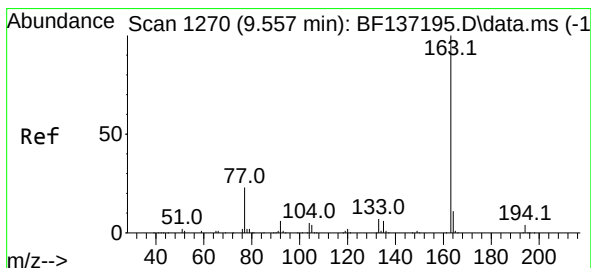
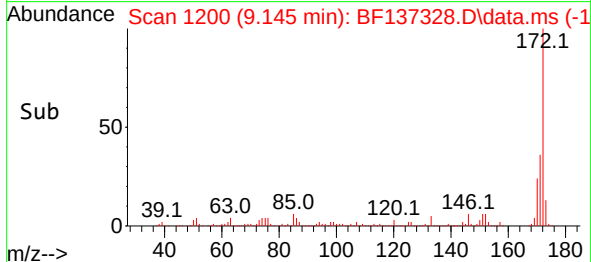
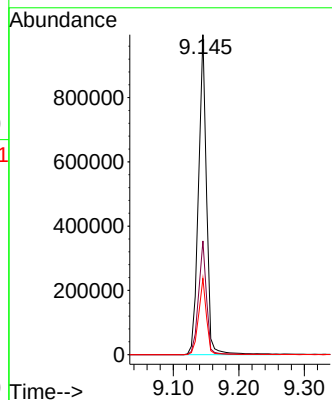
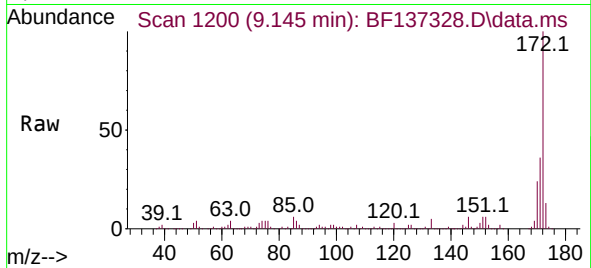




#45
2-Fluorobiphenyl
Concen: 111.618 ng
RT: 9.145 min Scan# 1315
Delta R.T. -0.006 min
Lab File: BF137328.D
Acq: 07 Feb 2024 19:05

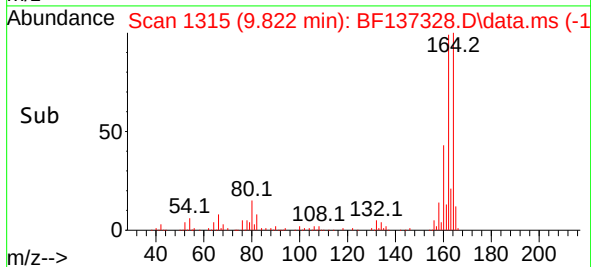
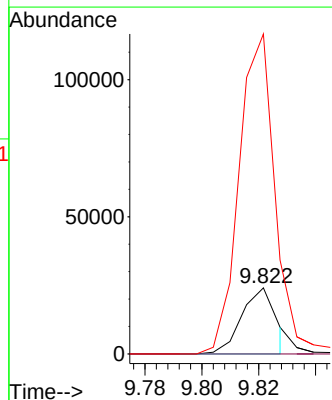
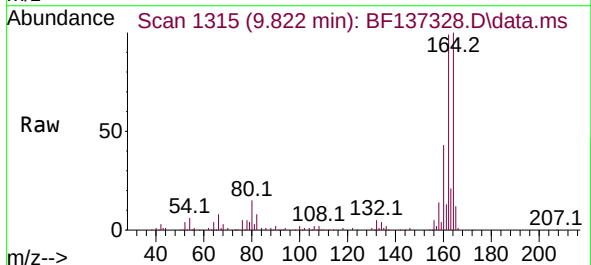
Instrument :
BNA_F
ClientSampleId :
EB-3-0-2

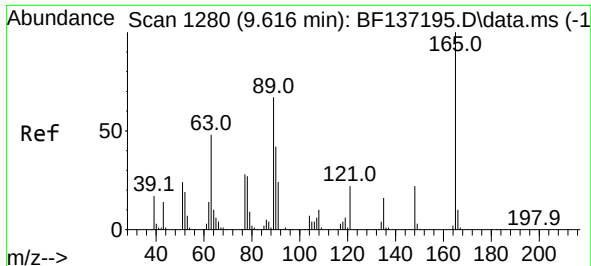
Tgt Ion:172 Resp: 849517
Ion Ratio Lower Upper
172 100
171 35.5 28.3 42.5
170 23.8 19.1 28.7



#50
Dimethylphthalate
Concen: 2.839 ng
RT: 9.822 min Scan# 1315
Delta R.T. 0.265 min
Lab File: BF137328.D
Acq: 07 Feb 2024 19:05

Tgt Ion:163 Resp: 20069
Ion Ratio Lower Upper
163 100
194 0.0 3.3 4.9#
164 484.3 8.6 13.0#





#51

2,6-Dinitrotoluene

Concen: 8.500 ng

RT: 9.822 min Scan# 1315

Delta R.T. 0.206 min

Lab File: BF137328.D

Acq: 07 Feb 2024 19:05

Instrument :

BNA_F

ClientSampleId :

EB-3-0-2

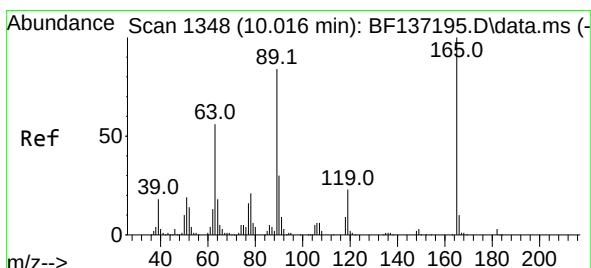
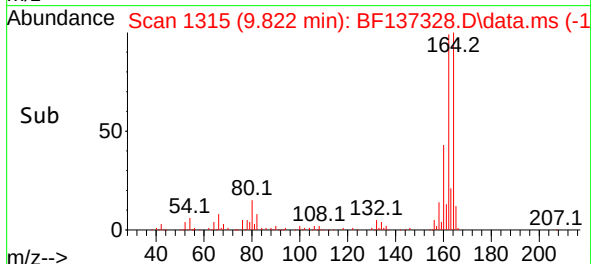
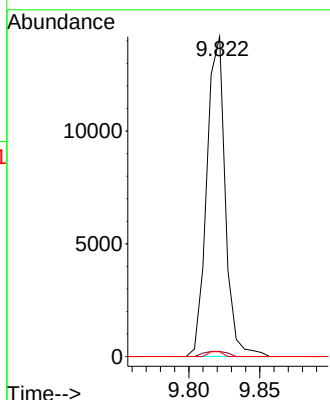
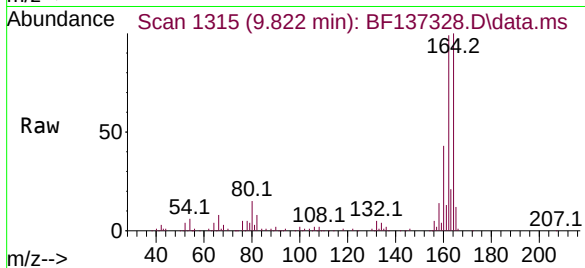
Tgt Ion:165 Resp: 12812

Ion Ratio Lower Upper

165 100

63 1.6 55.1 82.7#

89 1.5 53.5 80.3#



#57

2,4-Dinitrotoluene

Concen: 6.551 ng

RT: 9.822 min Scan# 1315

Delta R.T. -0.194 min

Lab File: BF137328.D

Acq: 07 Feb 2024 19:05

Tgt Ion:165 Resp: 12812

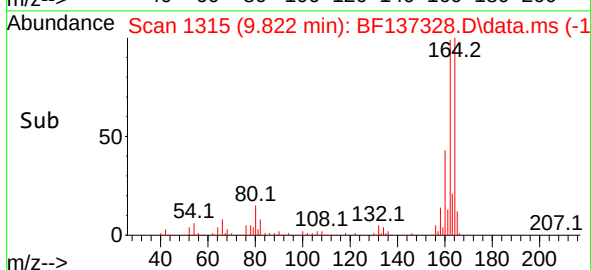
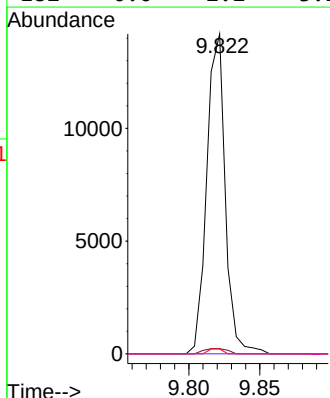
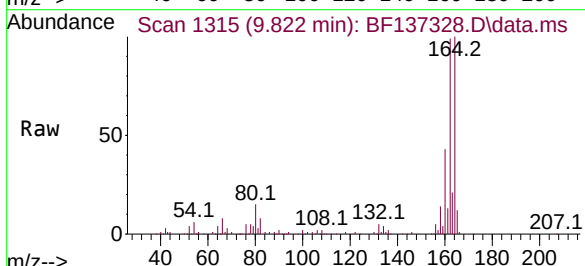
Ion Ratio Lower Upper

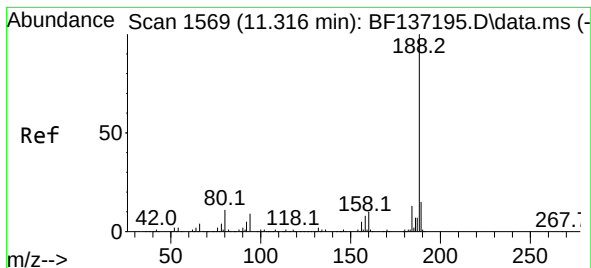
165 100

63 1.6 46.1 69.1#

89 1.5 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: BF137328.D

Acq: 07 Feb 2024 19:05

Instrument :

BNA_F

ClientSampleId :

EB-3-0-2

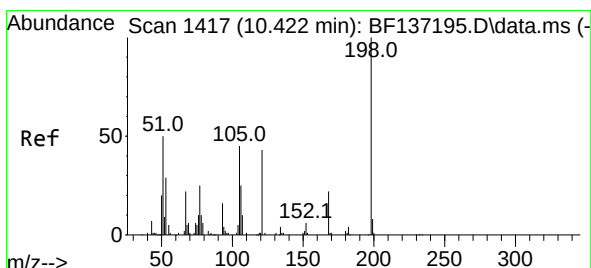
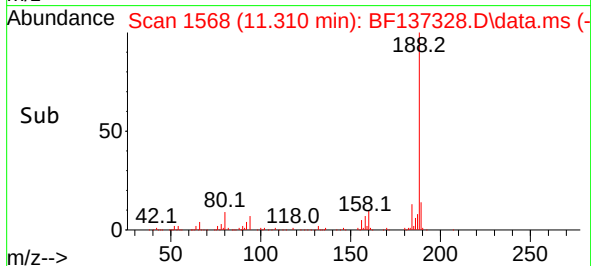
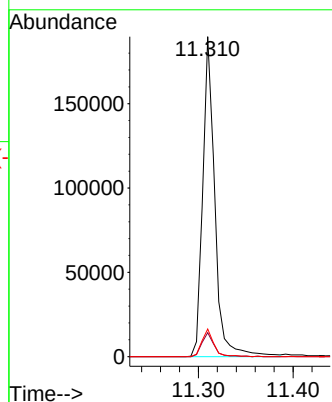
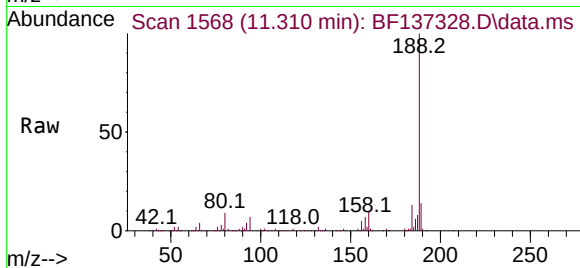
Tgt Ion:188 Resp: 168355

Ion Ratio Lower Upper

188 100

94 7.5 7.0 10.4

80 8.6 8.8 13.2#



#65

4,6-Dinitro-2-methylphenol

Concen: 5.836 ng

RT: 10.616 min Scan# 1450

Delta R.T. 0.194 min

Lab File: BF137328.D

Acq: 07 Feb 2024 19:05

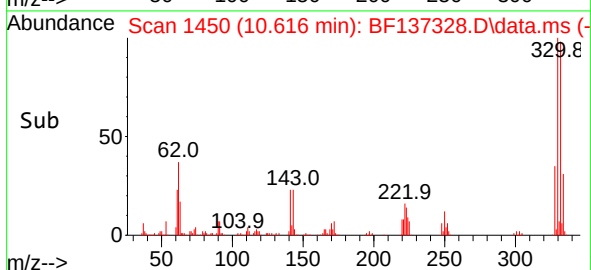
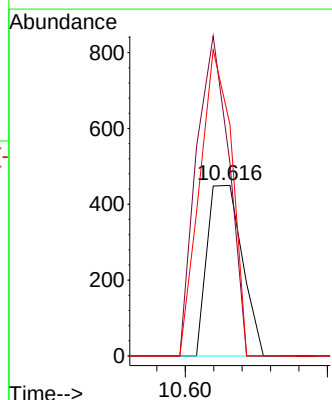
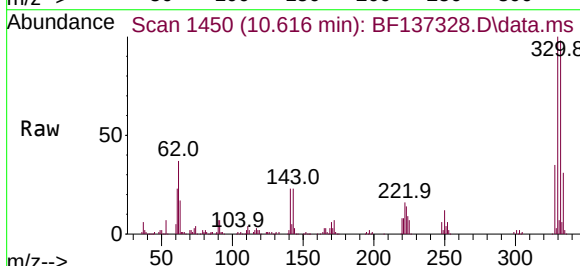
Tgt Ion:198 Resp: 384

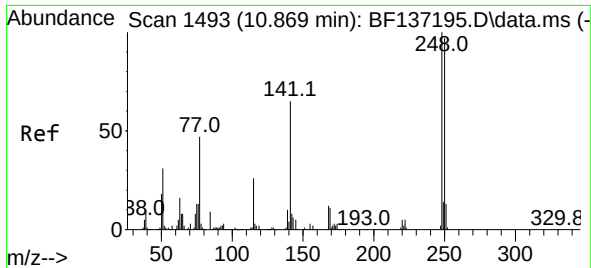
Ion Ratio Lower Upper

198 100

51 113.1 40.9 80.9#

105 135.6 26.5 66.5#

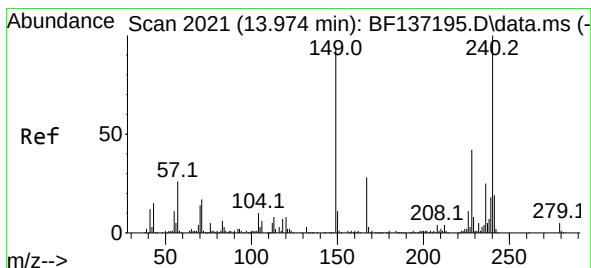
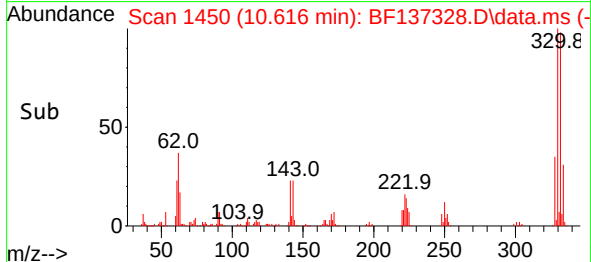
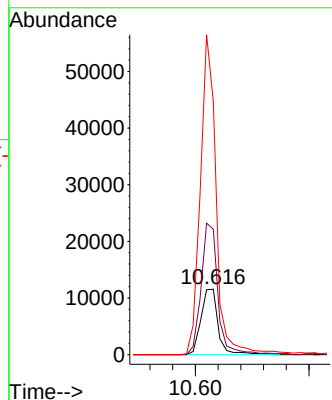
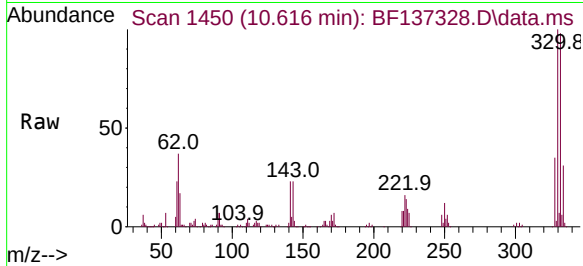




#67
4-Bromophenyl-phenylether
Concen: 6.509 ng
RT: 10.616 min Scan# 1493
Delta R.T. -0.253 min
Lab File: BF137328.D
Acq: 07 Feb 2024 19:05

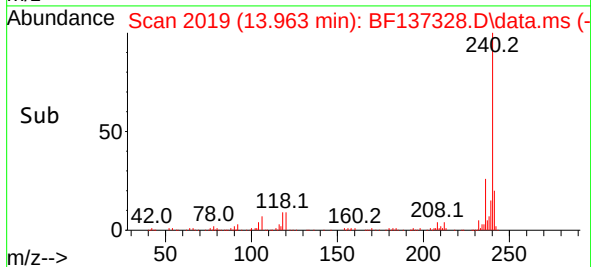
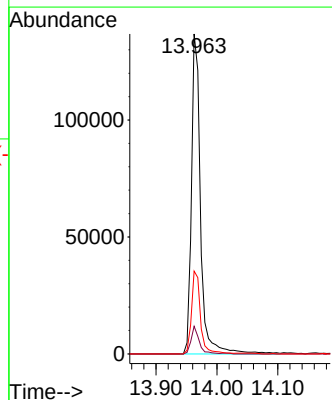
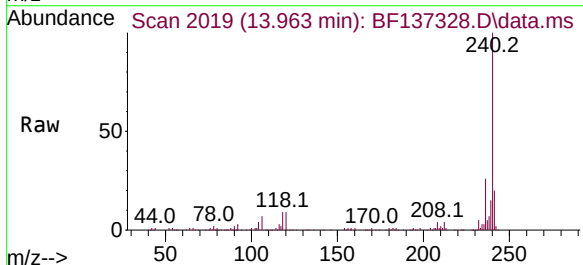
Instrument :
BNA_F
ClientSampleId :
EB-3-0-2

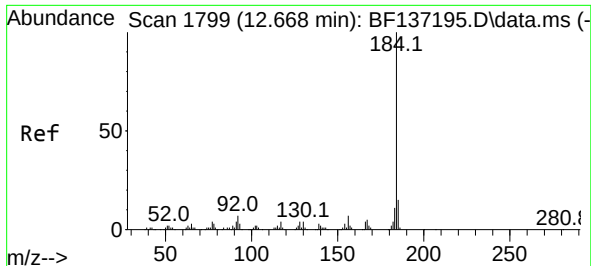
Tgt Ion:	248	Resp:	12049
Ion Ratio	Lower	Upper	
248	100		
250	191.9	77.7	116.5#
141	387.1	51.6	77.4#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.963 min Scan# 2019
Delta R.T. -0.012 min
Lab File: BF137328.D
Acq: 07 Feb 2024 19:05

Tgt Ion:	240	Resp:	141454
Ion Ratio	Lower	Upper	
240	100		
120	8.6	6.3	9.5
236	25.9	20.3	30.5

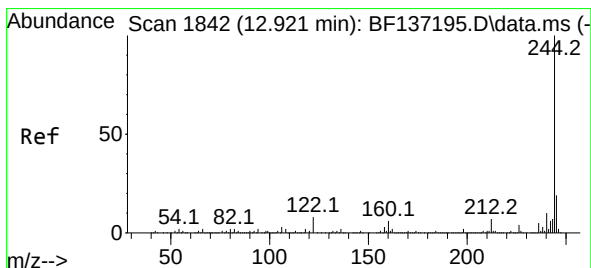
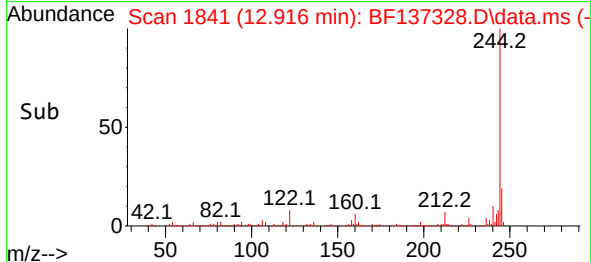
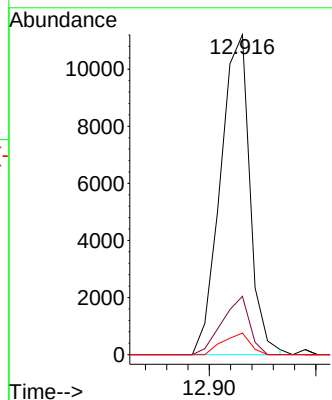
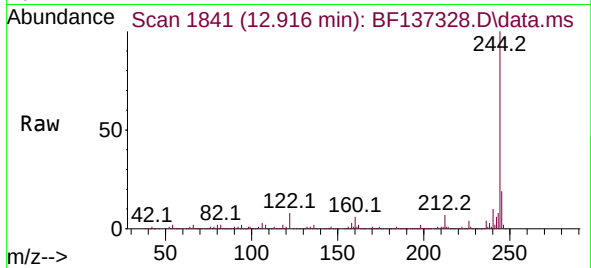




#77
Benzidine
Concen: 4.248 ng
RT: 12.916 min Scan# 1841
Delta R.T. 0.248 min
Lab File: BF137328.D
Acq: 07 Feb 2024 19:05

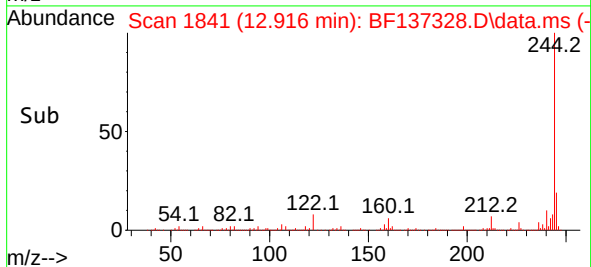
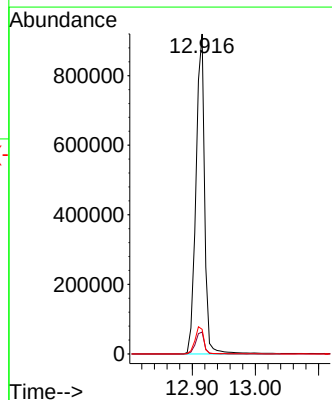
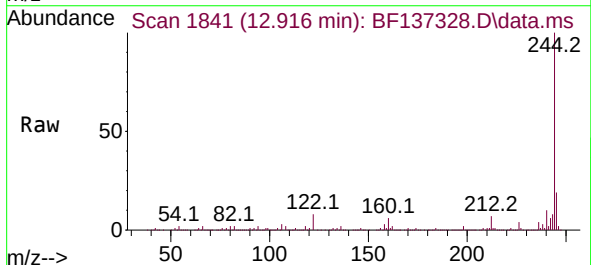
Instrument :
BNA_F
ClientSampleId :
EB-3-0-2

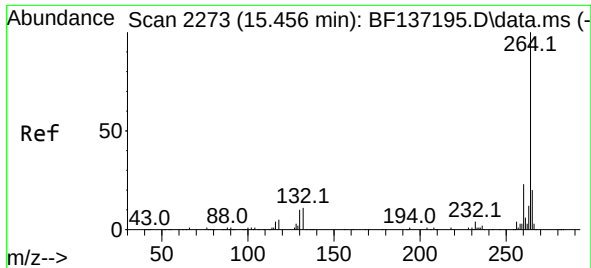
Tgt Ion:184 Resp: 10760
Ion Ratio Lower Upper
184 100
185 18.2 11.9 17.9#
183 6.7 8.8 13.2#



#79
Terphenyl-d14
Concen: 84.394 ng
RT: 12.916 min Scan# 1841
Delta R.T. -0.006 min
Lab File: BF137328.D
Acq: 07 Feb 2024 19:05

Tgt Ion:244 Resp: 878141
Ion Ratio Lower Upper
244 100
212 6.8 5.5 8.3
122 7.7 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: BF137328.D
 Acq: 07 Feb 2024 19:05

Instrument :
 BNA_F
 ClientSampleId :
 EB-3-0-2

Tgt Ion:264 Resp: 125768
 Ion Ratio Lower Upper
 264 100
 260 23.1 18.2 27.4
 265 22.0 16.2 24.2

