

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020724\
 Data File : BF137325.D
 Acq On : 07 Feb 2024 17:36
 Operator : CG\JU
 Sample : P1366-04
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EB-1-0-2

Quant Time: Feb 07 18:00:29 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)

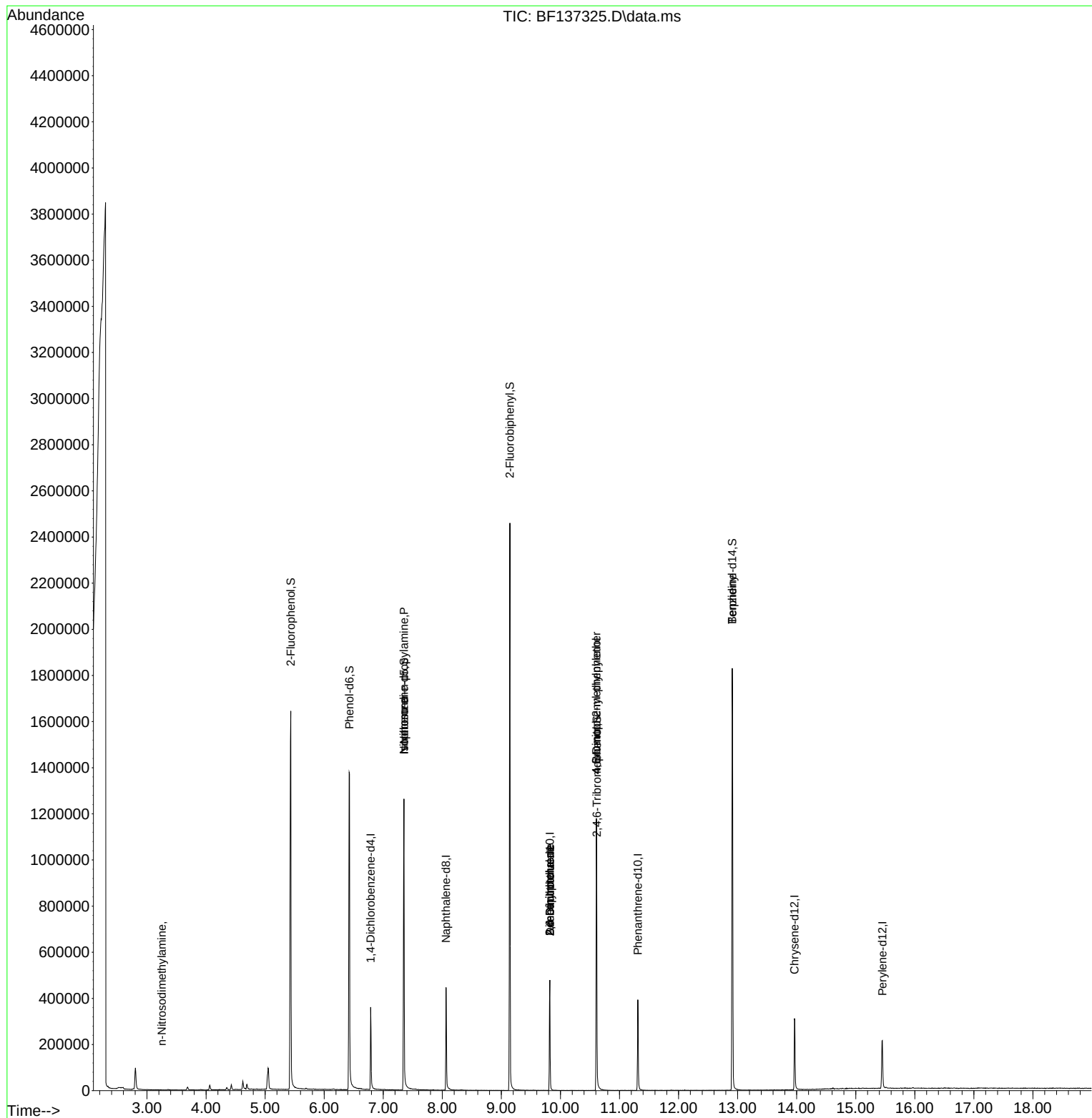
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.786	152	49842	20.000	ng	0.00
21) Naphthalene-d8	8.063	136	184662	20.000	ng	-0.01
39) Acenaphthene-d10	9.822	164	94904	20.000	ng	0.00
64) Phenanthrene-d10	11.310	188	150904	20.000	ng	# 0.00
76) Chrysene-d12	13.962	240	127934	20.000	ng	-0.01
86) Perylene-d12	15.451	264	115379	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.434	112	440859	145.952	ng	0.02
7) Phenol-d6	6.428	99	517915	120.147	ng	0.00
23) Nitrobenzene-d5	7.351	82	407574	98.817	ng	0.00
42) 2,4,6-Tribromophenol	10.616	330	141861	132.358	ng	0.00
45) 2-Fluorobiphenyl	9.145	172	670708	97.151	ng	0.00
79) Terphenyl-d14	12.910	244	711230	75.576	ng	-0.01
Target Compounds						
						Qvalue
4) n-Nitrosodimethylamine	3.251	42	132	6.130	ng	# 1
19) n-Nitroso-di-n-propyla...	7.351	70	56651	19.167	ng	# 77
25) Isophorone	7.351	82	407571	53.536	ng	# 67
50) Dimethylphthalate	9.822	163	17702	2.761	ng	# 1
51) 2,6-Dinitrotoluene	9.822	165	12247	8.958	ng	# 18
57) 2,4-Dinitrotoluene	9.822	165	12247	6.904	ng	# 16
65) 4,6-Dinitro-2-methylph...	10.610	198	247	5.729	ng	# 1
67) 4-Bromophenyl-phenylether	10.610	248	9750	5.876	ng	# 1
77) Benzidine	12.910	184	8634	3.769	ng	# 91

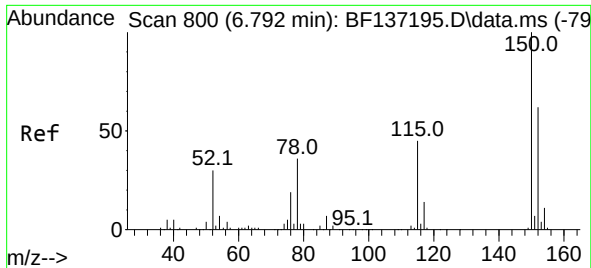
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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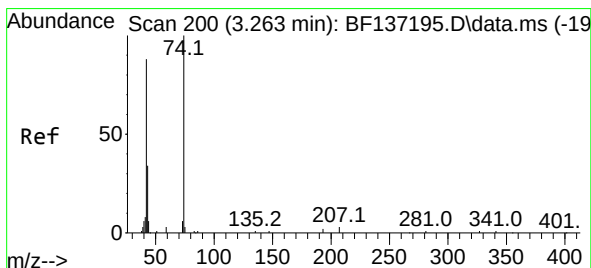
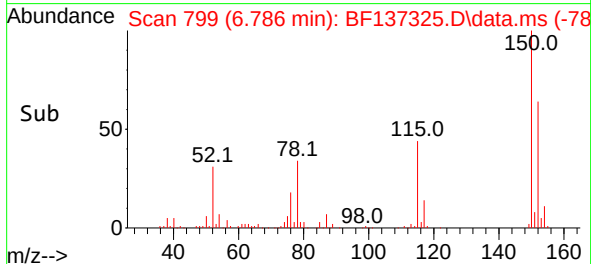
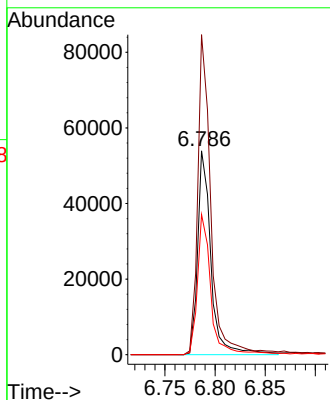
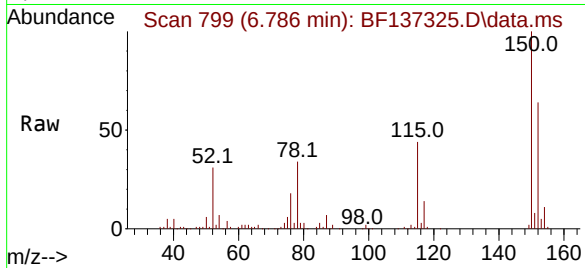




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.786 min Scan# 79
Delta R.T. -0.006 min
Lab File: BF137325.D
Acq: 07 Feb 2024 17:36

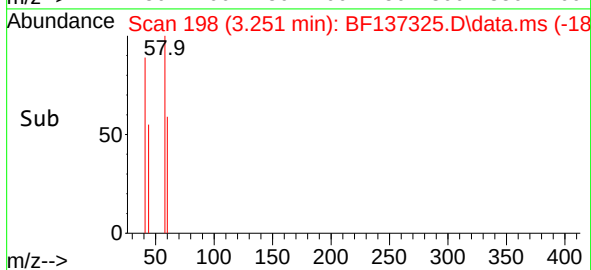
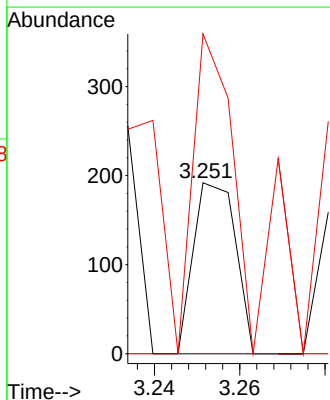
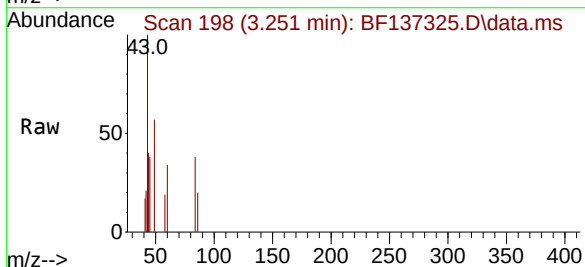
Instrument :
BNA_F
ClientSampleId :
EB-1-0-2

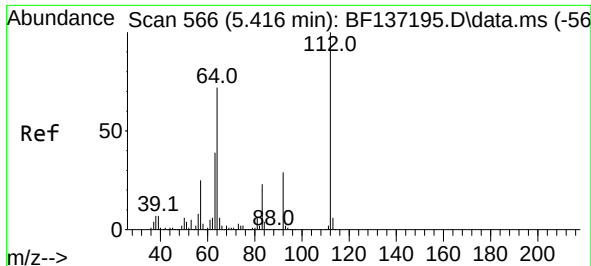
Tgt Ion:152 Resp: 49842
Ion Ratio Lower Upper
152 100
150 156.9 129.8 194.8
115 68.8 58.5 87.7



#4
n-Nitrosodimethylamine
Concen: 6.130 ng
RT: 3.251 min Scan# 198
Delta R.T. -0.012 min
Lab File: BF137325.D
Acq: 07 Feb 2024 17:36

Tgt Ion: 42 Resp: 132
Ion Ratio Lower Upper
42 100
74 0.0 90.5 135.7#
44 187.0 6.1 9.1#

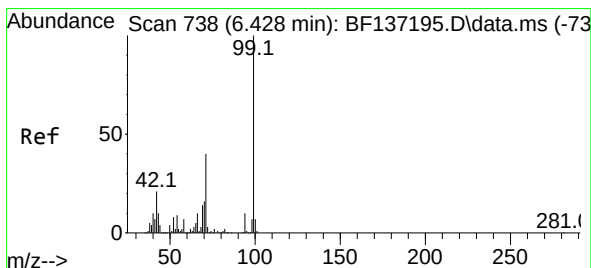
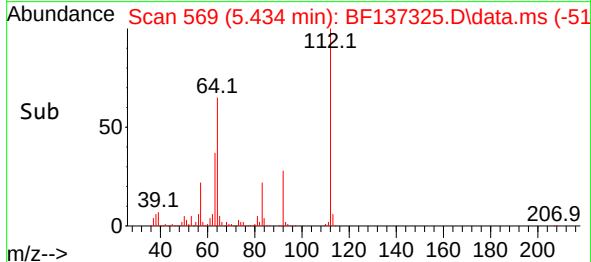
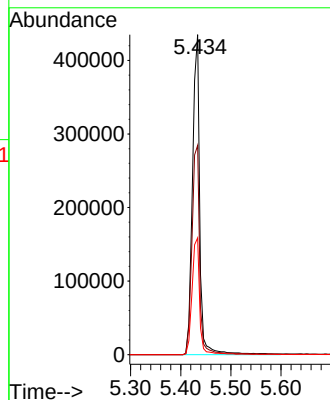
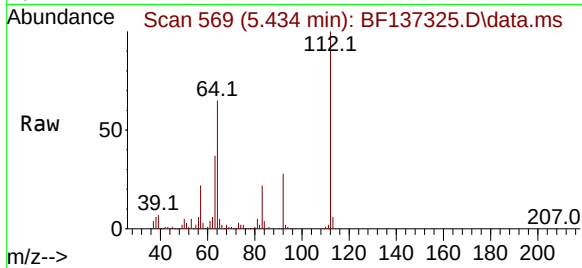




#5
2-Fluorophenol
Concen: 145.952 ng
RT: 5.434 min Scan# 509
Delta R.T. 0.018 min
Lab File: BF137325.D
Acq: 07 Feb 2024 17:36

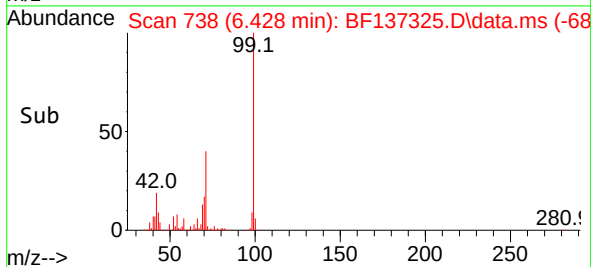
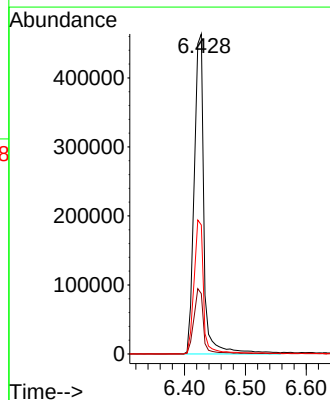
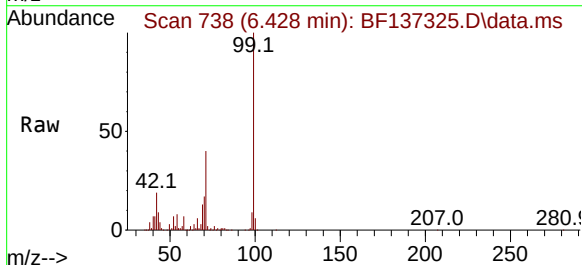
Instrument :
BNA_F
ClientSampleId :
EB-1-0-2

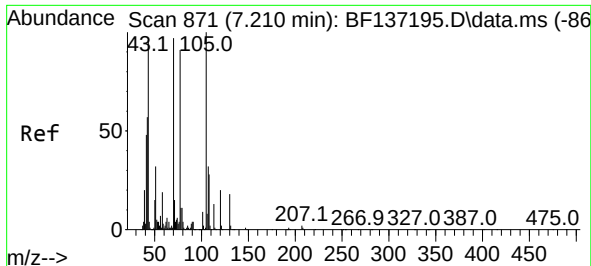
Tgt Ion:112 Resp: 440859
Ion Ratio Lower Upper
112 100
64 65.4 57.8 86.6
63 36.5 31.4 47.0



#7
Phenol-d6
Concen: 120.147 ng
RT: 6.428 min Scan# 738
Delta R.T. -0.000 min
Lab File: BF137325.D
Acq: 07 Feb 2024 17:36

Tgt Ion: 99 Resp: 517915
Ion Ratio Lower Upper
99 100
42 18.9 16.4 24.6
71 40.3 32.4 48.6

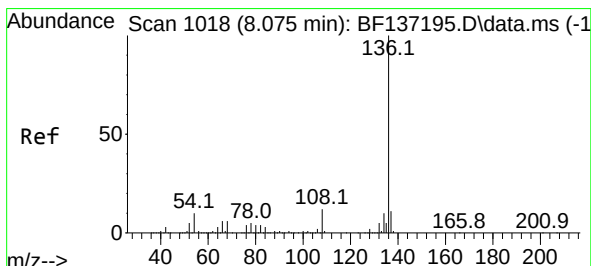
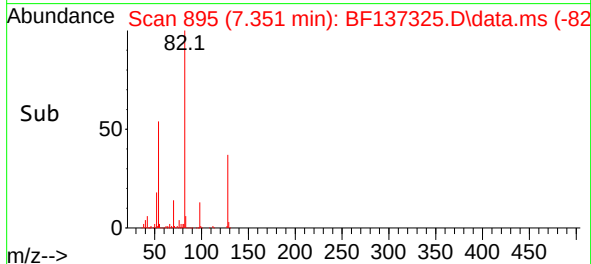
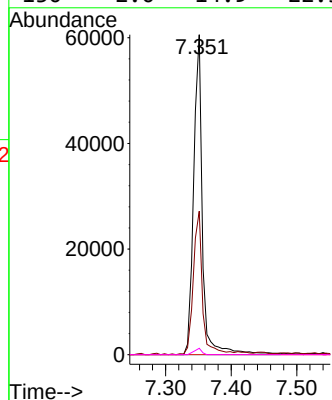
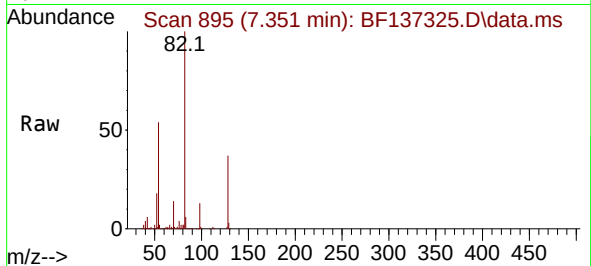




#19
n-Nitroso-di-n-propylamine
Concen: 19.167 ng
RT: 7.351 min Scan# 895
Delta R.T. 0.141 min
Lab File: BF137325.D
Acq: 07 Feb 2024 17:36

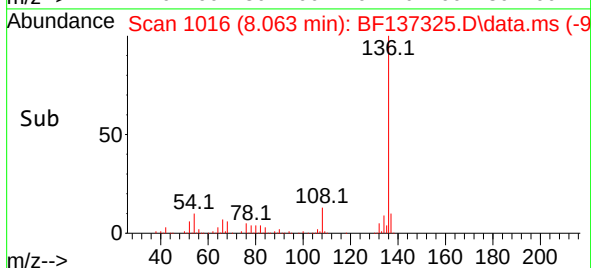
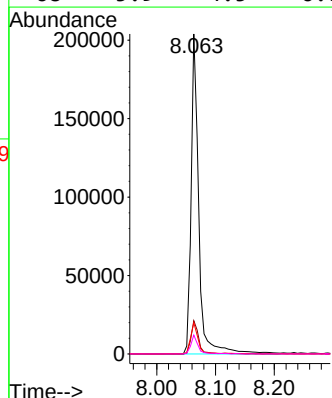
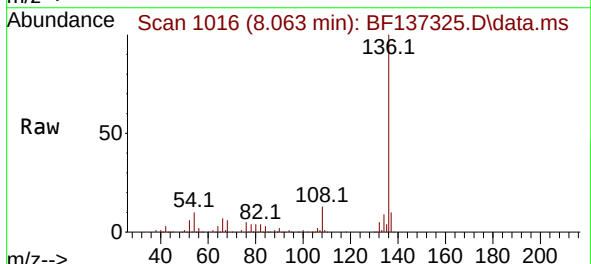
Instrument :
BNA_F
ClientSampleId :
EB-1-0-2

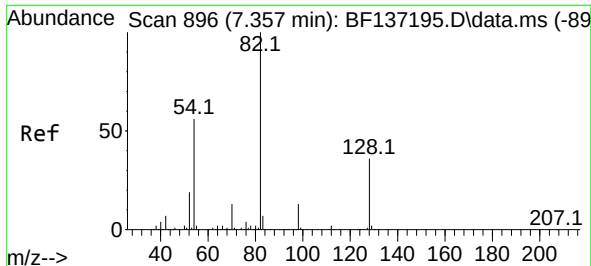
Tgt Ion:	70	Resp:	56651
Ion	Ratio	Lower	Upper
70	100		
42	44.9	47.2	70.8#
101	0.0	7.4	11.0#
130	2.0	14.9	22.3#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.063 min Scan# 1016
Delta R.T. -0.012 min
Lab File: BF137325.D
Acq: 07 Feb 2024 17:36

Tgt Ion:	136	Resp:	184662
Ion	Ratio	Lower	Upper
136	100		
137	10.4	8.9	13.3
54	9.8	7.8	11.8
68	5.9	4.5	6.7

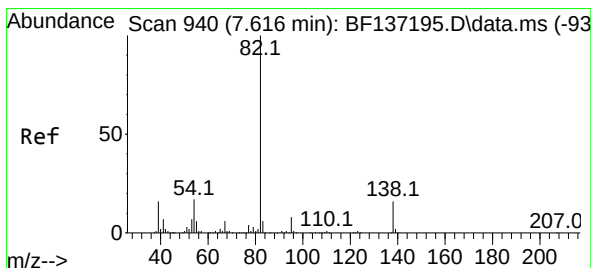
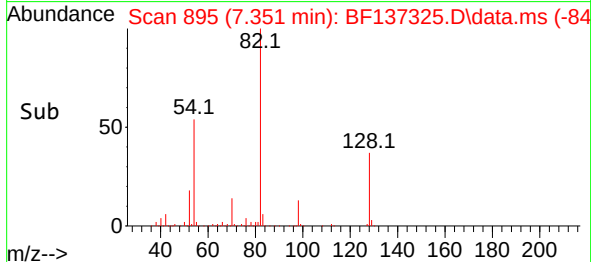
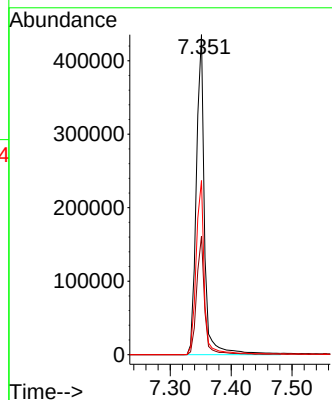
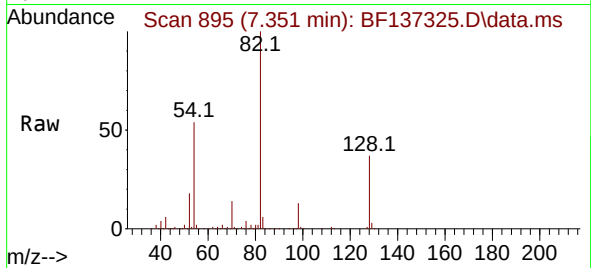




#23
Nitrobenzene-d5
Concen: 98.817 ng
RT: 7.351 min Scan# 895
Delta R.T. -0.006 min
Lab File: BF137325.D
Acq: 07 Feb 2024 17:36

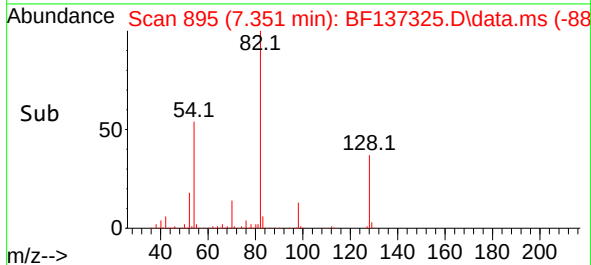
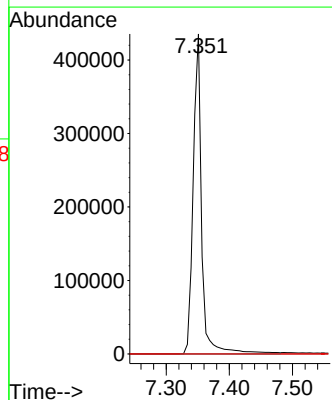
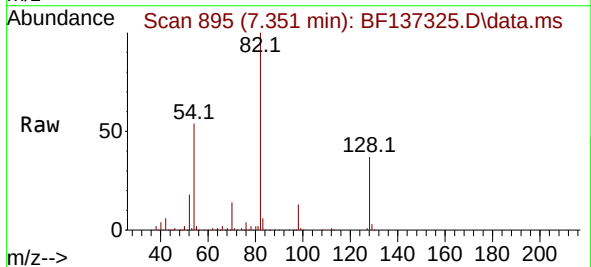
Instrument :
BNA_F
ClientSampleId :
EB-1-0-2

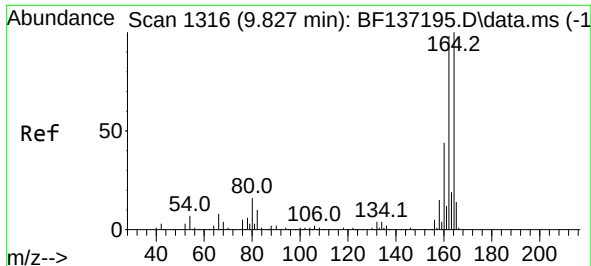
Tgt Ion: 82 Resp: 407574
Ion Ratio Lower Upper
82 100
128 37.1 29.1 43.7
54 54.4 45.0 67.6



#25
Isophorone
Concen: 53.536 ng
RT: 7.351 min Scan# 895
Delta R.T. -0.265 min
Lab File: BF137325.D
Acq: 07 Feb 2024 17:36

Tgt Ion: 82 Resp: 407571
Ion Ratio Lower Upper
82 100
95 0.0 6.4 9.6#
138 0.0 12.7 19.1#

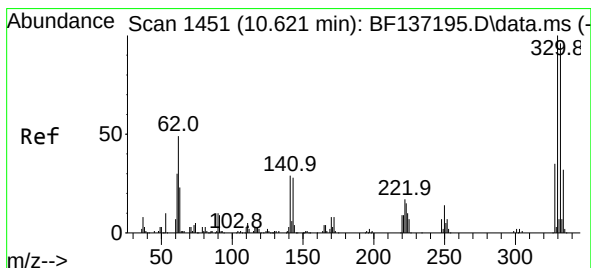
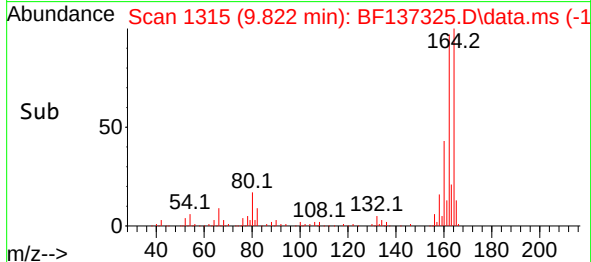
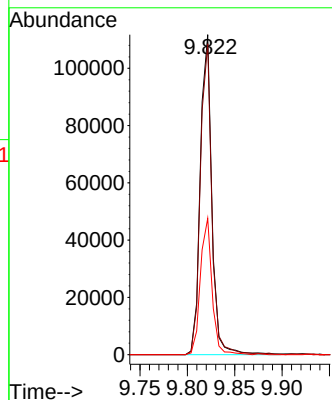
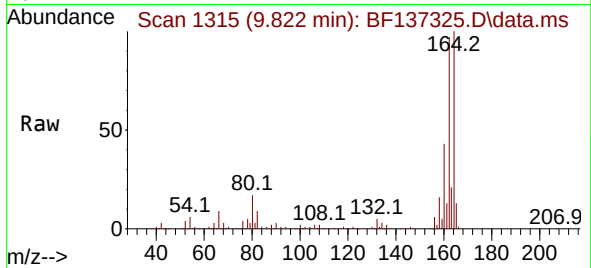




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.822 min Scan# 11
Delta R.T. -0.005 min
Lab File: BF137325.D
Acq: 07 Feb 2024 17:36

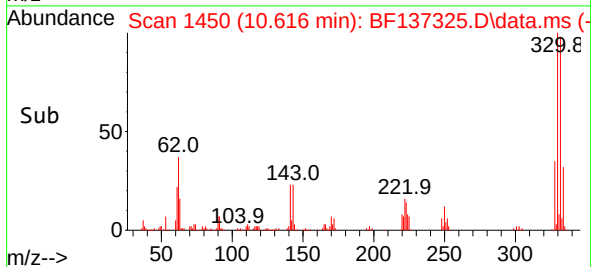
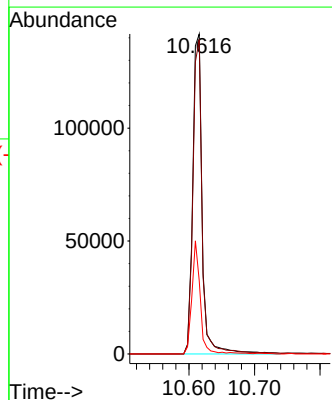
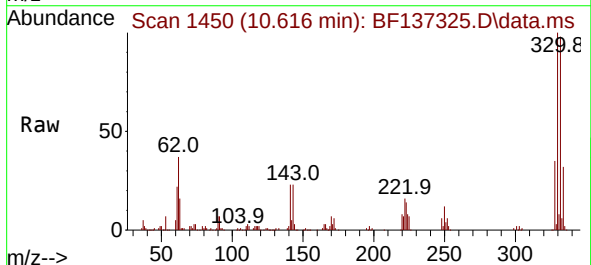
Instrument :
BNA_F
ClientSampleId :
EB-1-0-2

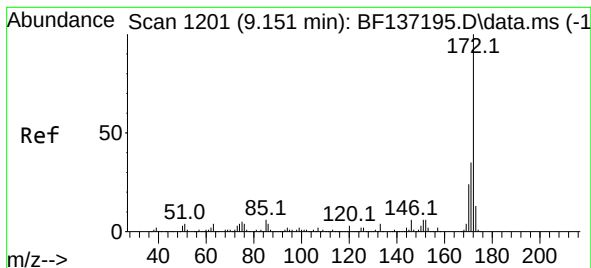
Tgt Ion:164 Resp: 94904
Ion Ratio Lower Upper
164 100
162 97.1 78.3 117.5
160 42.6 35.4 53.2



#42
2,4,6-Tribromophenol
Concen: 132.358 ng
RT: 10.616 min Scan# 1450
Delta R.T. -0.006 min
Lab File: BF137325.D
Acq: 07 Feb 2024 17:36

Tgt Ion:330 Resp: 141861
Ion Ratio Lower Upper
330 100
332 95.2 77.3 115.9
141 31.2 25.2 37.8





#45

2-Fluorobiphenyl

Concen: 97.151 ng

RT: 9.145 min Scan# 1315

Delta R.T. -0.006 min

Lab File: BF137325.D

Acq: 07 Feb 2024 17:36

Instrument :

BNA_F

ClientSampleId :

EB-1-0-2

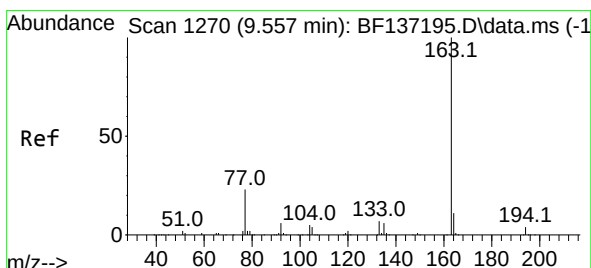
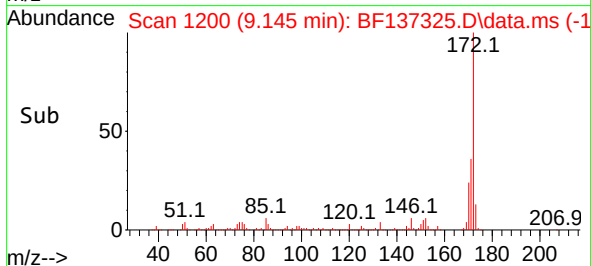
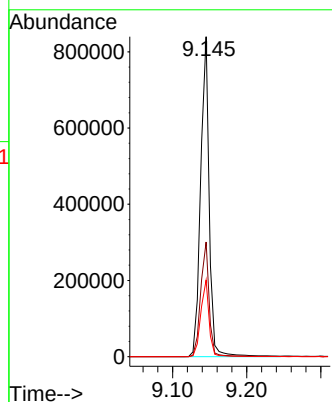
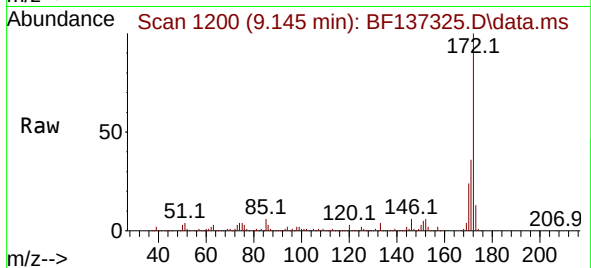
Tgt Ion:172 Resp: 670708

Ion Ratio Lower Upper

172 100

171 35.8 28.3 42.5

170 24.0 19.1 28.7



#50

Dimethylphthalate

Concen: 2.761 ng

RT: 9.822 min Scan# 1315

Delta R.T. 0.265 min

Lab File: BF137325.D

Acq: 07 Feb 2024 17:36

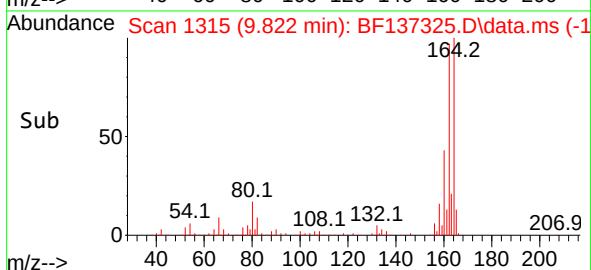
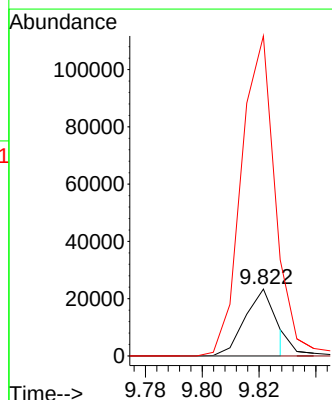
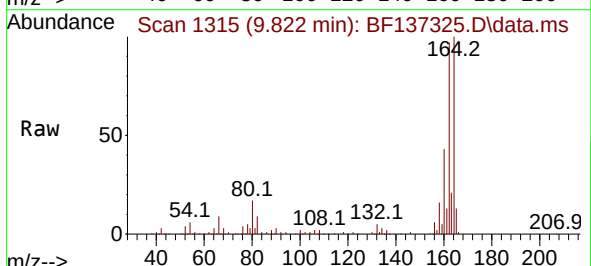
Tgt Ion:163 Resp: 17702

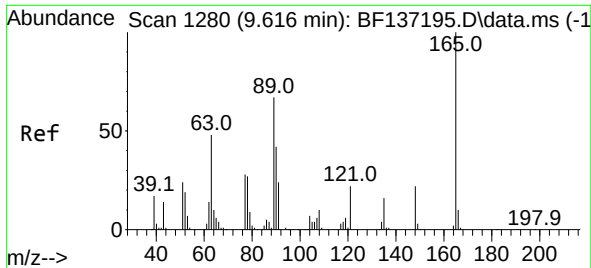
Ion Ratio Lower Upper

163 100

194 0.0 3.3 4.9#

164 478.5 8.6 13.0#

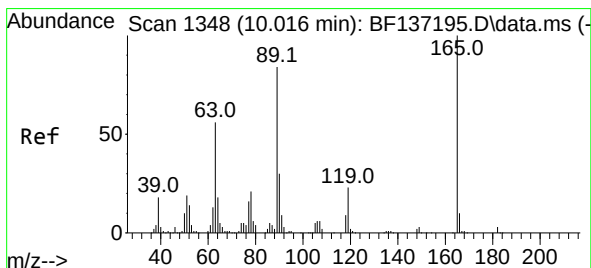
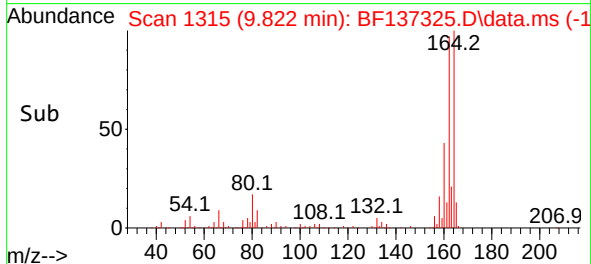
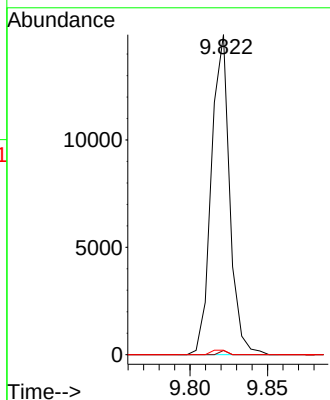
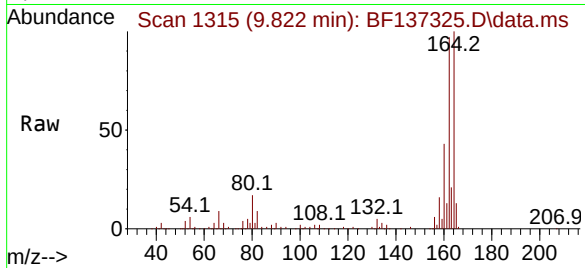




#51
2,6-Dinitrotoluene
Concen: 8.958 ng
RT: 9.822 min Scan# 1315
Delta R.T. 0.206 min
Lab File: BF137325.D
Acq: 07 Feb 2024 17:36

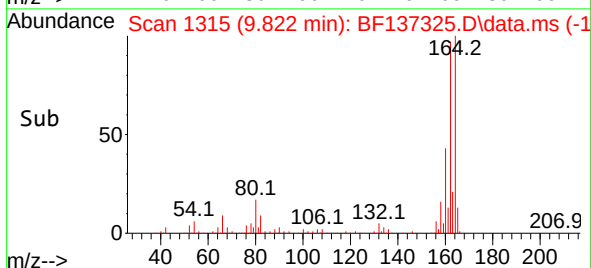
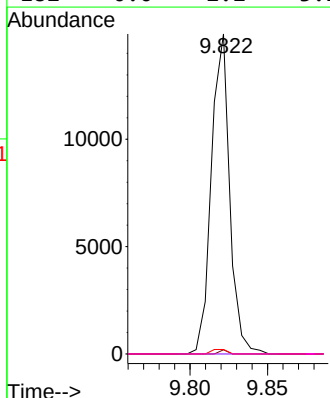
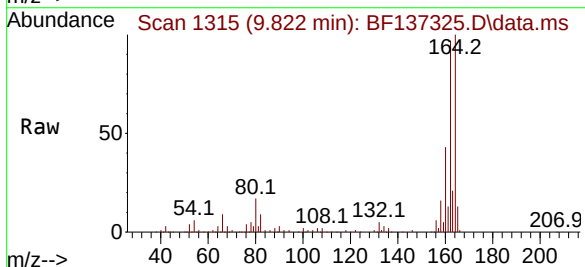
Instrument :
BNA_F
ClientSampleId :
EB-1-0-2

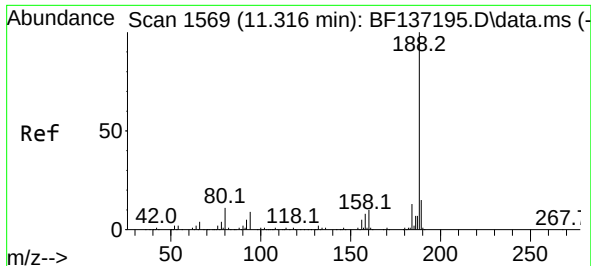
Tgt Ion:165 Resp: 12247
Ion Ratio Lower Upper
165 100
63 1.3 55.1 82.7#
89 1.4 53.5 80.3#



#57
2,4-Dinitrotoluene
Concen: 6.904 ng
RT: 9.822 min Scan# 1315
Delta R.T. -0.194 min
Lab File: BF137325.D
Acq: 07 Feb 2024 17:36

Tgt Ion:165 Resp: 12247
Ion Ratio Lower Upper
165 100
63 1.3 46.1 69.1#
89 1.4 67.5 101.3#
182 0.0 2.2 3.2#

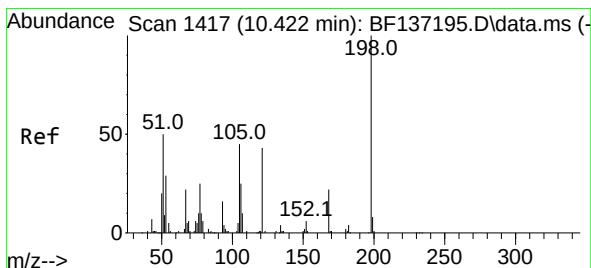
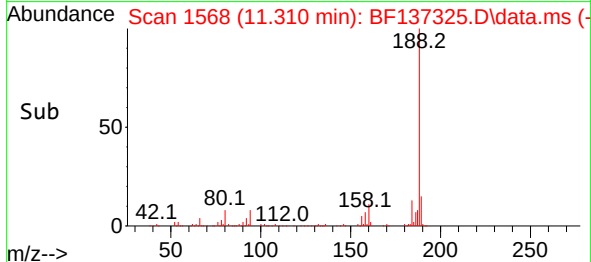
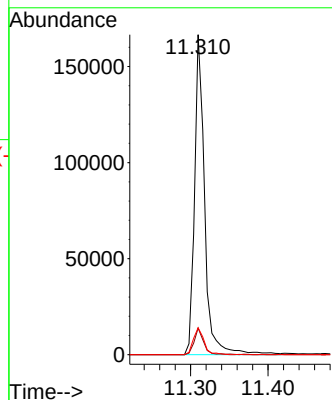
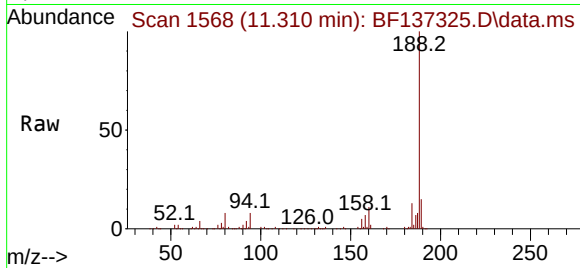




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.310 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF137325.D
Acq: 07 Feb 2024 17:36

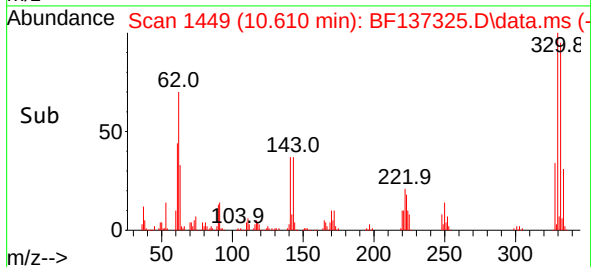
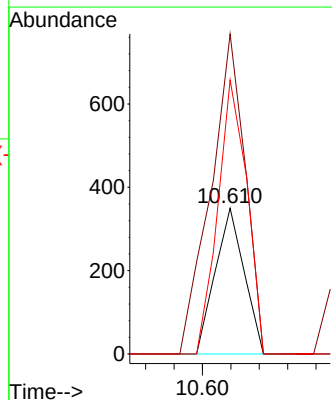
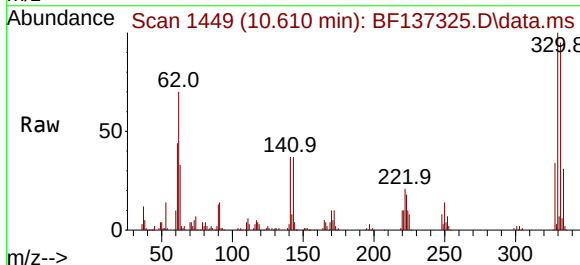
Instrument :
BNA_F
ClientSampleId :
EB-1-0-2

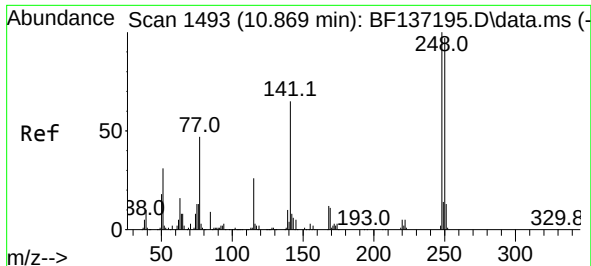
Tgt Ion:188 Resp: 150904
Ion Ratio Lower Upper
188 100
94 8.3 7.0 10.4
80 8.4 8.8 13.2#



#65
4,6-Dinitro-2-methylphenol
Concen: 5.729 ng
RT: 10.610 min Scan# 1449
Delta R.T. 0.188 min
Lab File: BF137325.D
Acq: 07 Feb 2024 17:36

Tgt Ion:198 Resp: 247
Ion Ratio Lower Upper
198 100
51 219.4 40.9 80.9#
105 188.0 26.5 66.5#

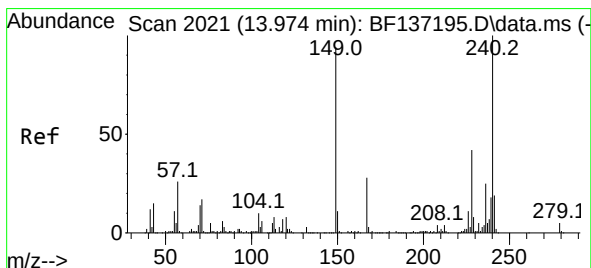
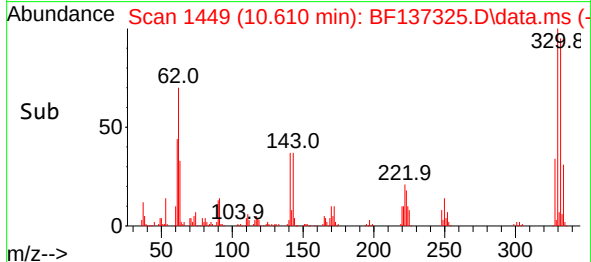
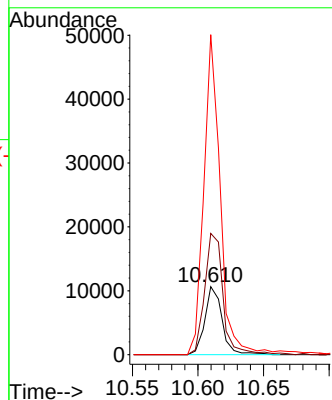
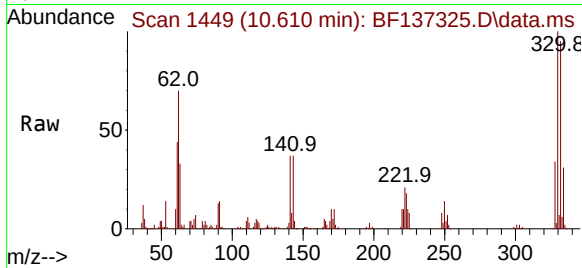




#67
4-Bromophenyl-phenylether
Concen: 5.876 ng
RT: 10.610 min Scan# 1449
Delta R.T. -0.259 min
Lab File: BF137325.D
Acq: 07 Feb 2024 17:36

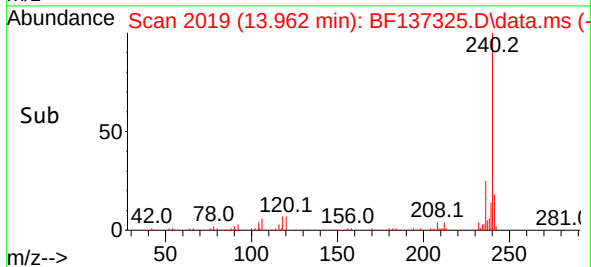
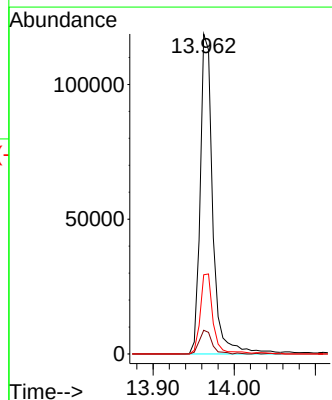
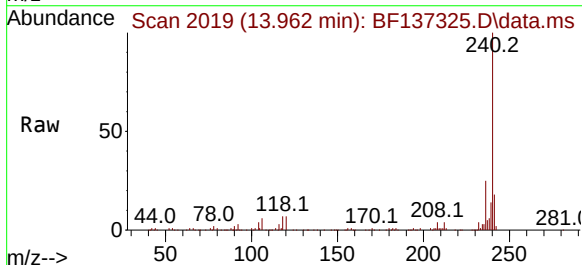
Instrument :
BNA_F
ClientSampleId :
EB-1-0-2

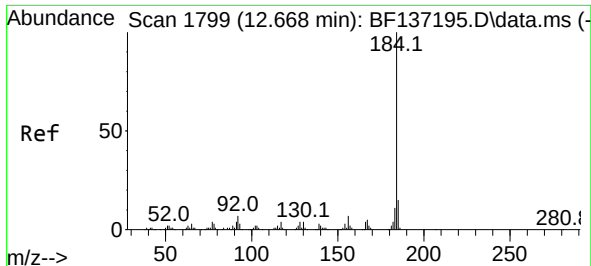
Tgt Ion:248 Resp: 9750
Ion Ratio Lower Upper
248 100
250 178.6 77.7 116.5#
141 471.1 51.6 77.4#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.962 min Scan# 2019
Delta R.T. -0.012 min
Lab File: BF137325.D
Acq: 07 Feb 2024 17:36

Tgt Ion:240 Resp: 127934
Ion Ratio Lower Upper
240 100
120 7.4 6.3 9.5
236 24.7 20.3 30.5

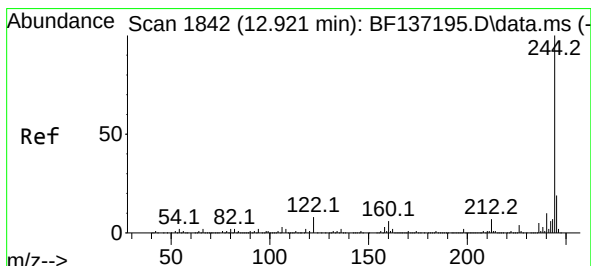
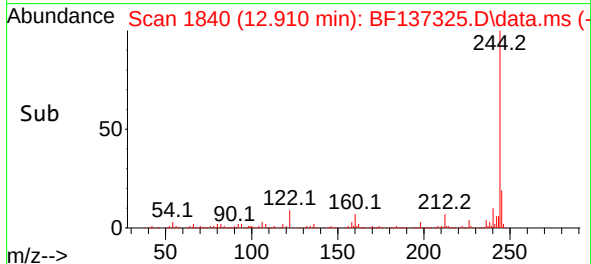
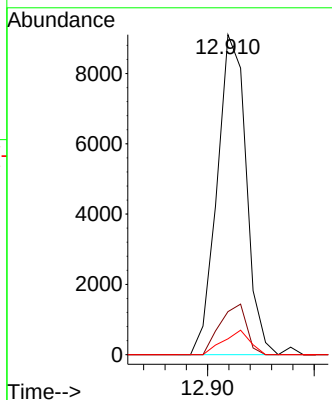
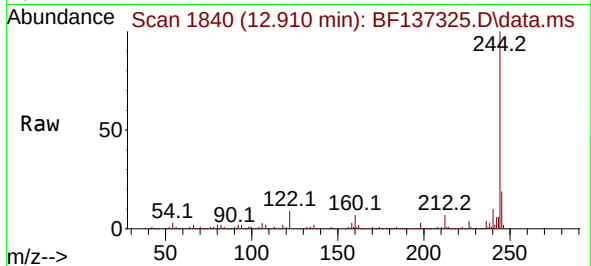




#77
Benzidine
Concen: 3.769 ng
RT: 12.910 min Scan# 1840
Delta R.T. 0.242 min
Lab File: BF137325.D
Acq: 07 Feb 2024 17:36

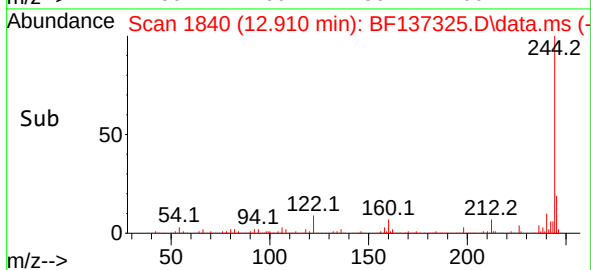
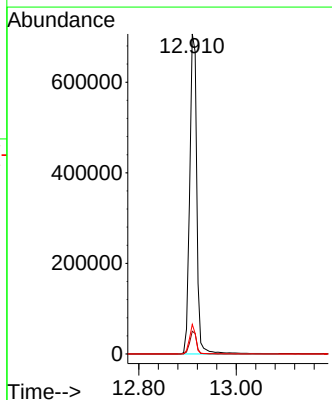
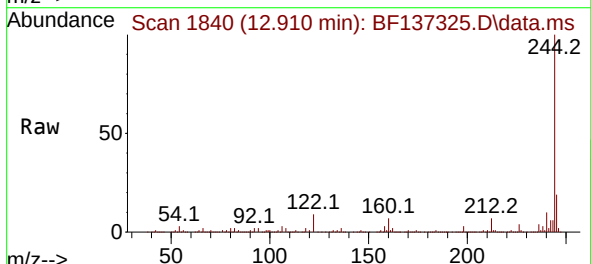
Instrument :
BNA_F
ClientSampleId :
EB-1-0-2

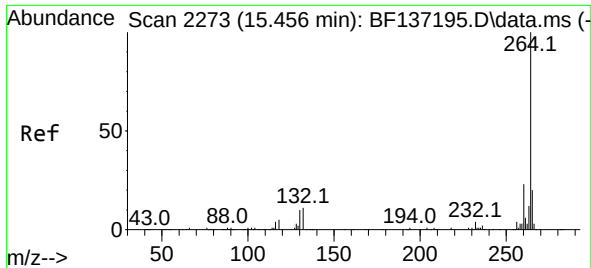
Tgt Ion:184 Resp: 8634
Ion Ratio Lower Upper
184 100
185 13.4 11.9 17.9
183 4.9 8.8 13.2#



#79
Terphenyl-d14
Concen: 75.576 ng
RT: 12.910 min Scan# 1840
Delta R.T. -0.012 min
Lab File: BF137325.D
Acq: 07 Feb 2024 17:36

Tgt Ion:244 Resp: 711230
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: BF137325.D
 Acq: 07 Feb 2024 17:36

Instrument :
 BNA_F
 ClientSampleId :
 EB-1-0-2

Tgt Ion:264 Resp: 115379
 Ion Ratio Lower Upper
 264 100
 260 23.1 18.2 27.4
 265 20.8 16.2 24.2

