

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020724\
 Data File : BF137327.D
 Acq On : 07 Feb 2024 18:35
 Operator : CG\JU
 Sample : P1141-12
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

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

Quant Time: Feb 08 01:08:52 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)

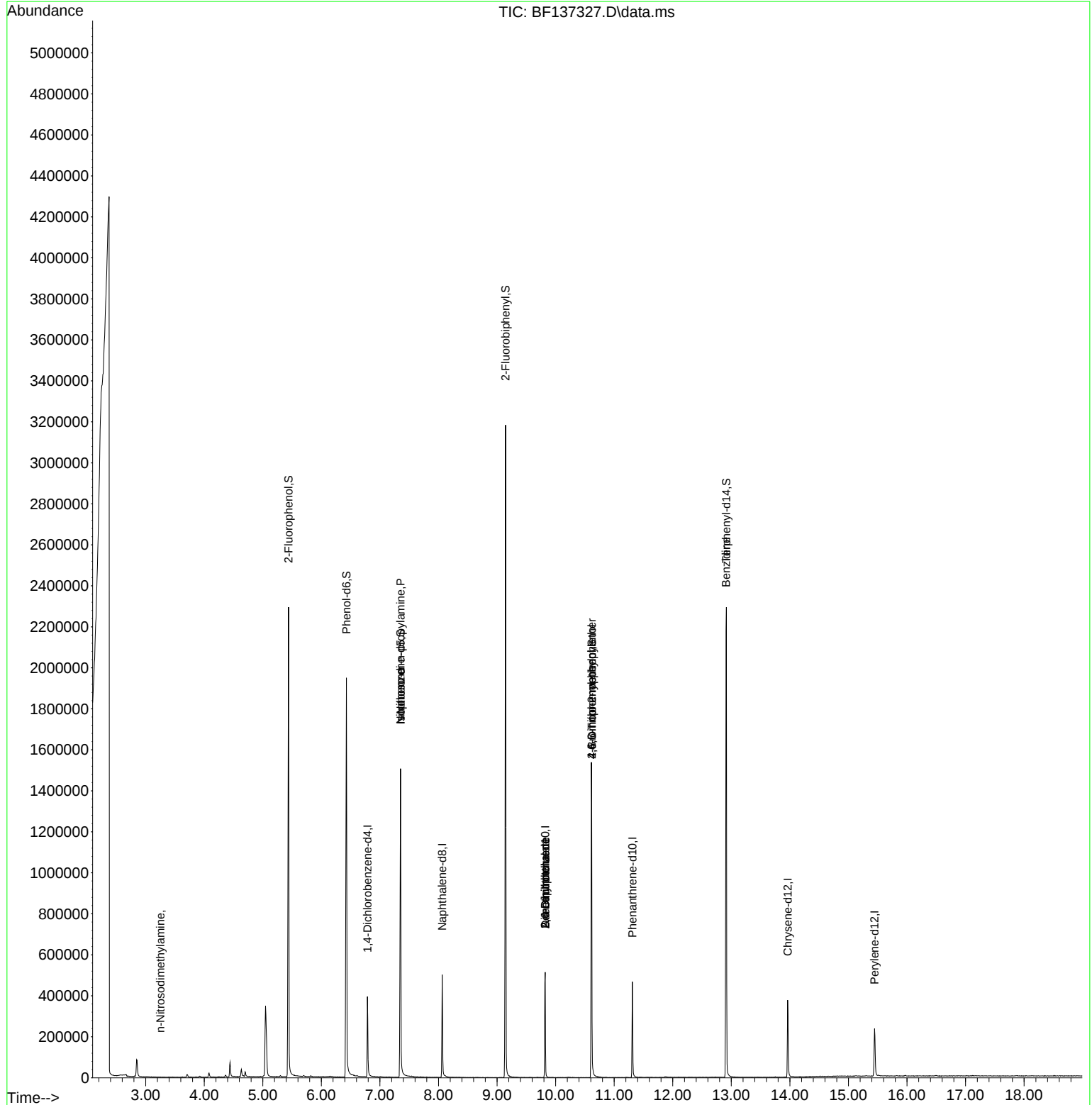
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.787	152	56182	20.000	ng	0.00
21) Naphthalene-d8	8.063	136	212376	20.000	ng	-0.01
39) Acenaphthene-d10	9.822	164	108274	20.000	ng	0.00
64) Phenanthrene-d10	11.310	188	177607	20.000	ng	# 0.00
76) Chrysene-d12	13.963	240	140615	20.000	ng	-0.01
86) Perylene-d12	15.445	264	127117	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.440	112	592410	173.992	ng	0.02
7) Phenol-d6	6.428	99	725293	149.268	ng	0.00
23) Nitrobenzene-d5	7.351	82	531880	112.127	ng	0.00
42) 2,4,6-Tribromophenol	10.616	330	193462	158.213	ng	0.00
45) 2-Fluorobiphenyl	9.145	172	911420	115.716	ng	0.00
79) Terphenyl-d14	12.916	244	890353	86.078	ng	0.00
Target Compounds						Qvalue
4) n-Nitrosodimethylamine	3.252	42	295	6.199	ng	# 1
19) n-Nitroso-di-n-propyla...	7.351	70	73932	22.191	ng	# 76
25) Isophorone	7.351	82	531876	60.747	ng	# 67
50) Dimethylphthalate	9.822	163	20321	2.778	ng	# 1
51) 2,6-Dinitrotoluene	9.822	165	13987	8.967	ng	# 18
57) 2,4-Dinitrotoluene	9.822	165	13987	6.911	ng	# 17
65) 4,6-Dinitro-2-methylph...	10.616	198	512	5.937	ng	# 52
67) 4-Bromophenyl-phenylether	10.616	248	12716	6.511	ng	# 1
77) Benzidine	12.910	184	11226	4.458	ng	# 93

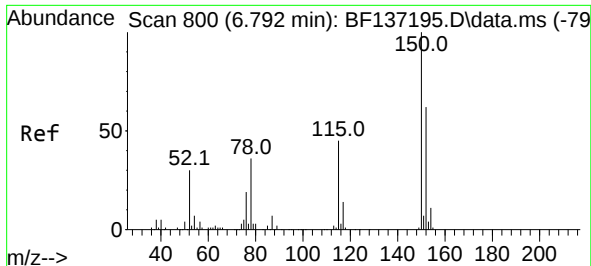
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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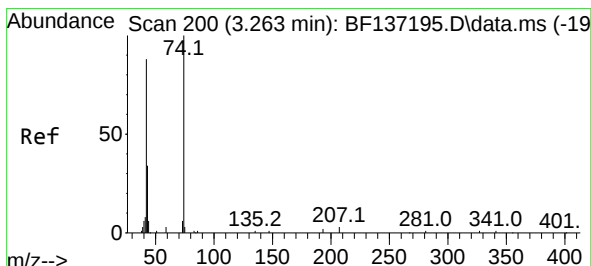
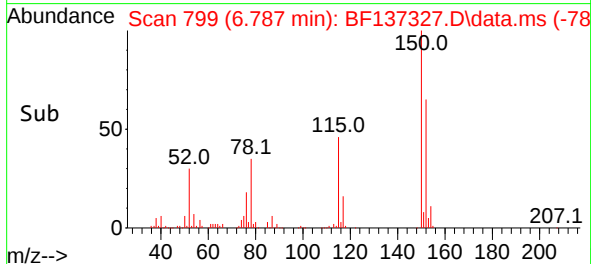
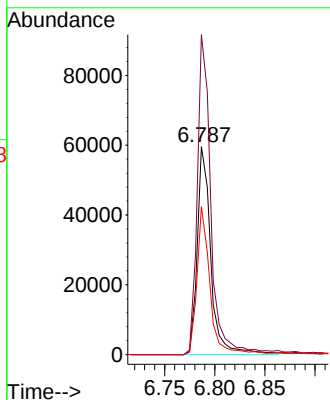
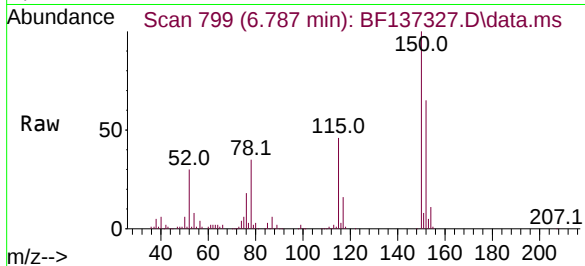




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.787 min Scan# 79
Delta R.T. -0.005 min
Lab File: BF137327.D
Acq: 07 Feb 2024 18:35

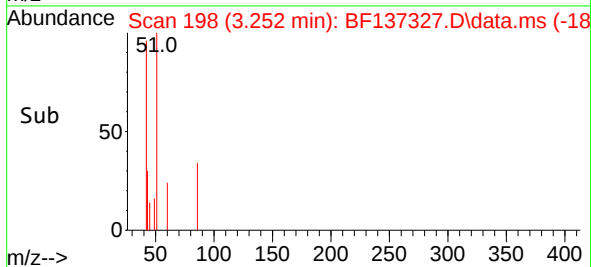
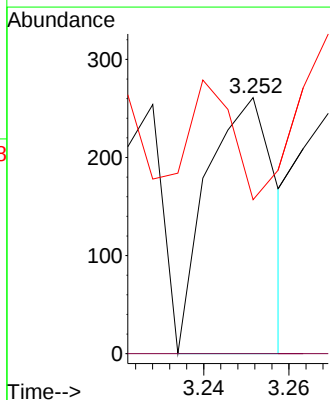
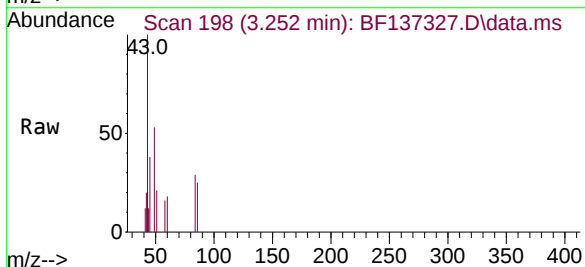
Instrument :
BNA_F
ClientSampleId :
EB-2-0-2D

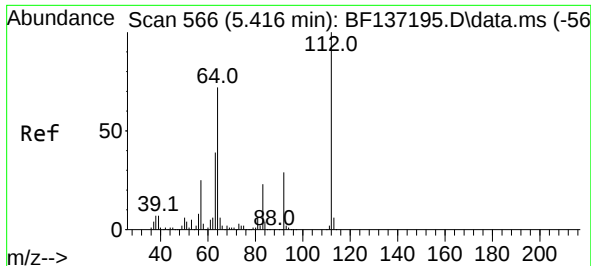
Tgt Ion:152 Resp: 56182
Ion Ratio Lower Upper
152 100
150 153.9 129.8 194.8
115 71.1 58.5 87.7



#4
n-Nitrosodimethylamine
Concen: 6.199 ng
RT: 3.252 min Scan# 198
Delta R.T. -0.011 min
Lab File: BF137327.D
Acq: 07 Feb 2024 18:35

Tgt Ion: 42 Resp: 295
Ion Ratio Lower Upper
42 100
74 0.0 90.5 135.7#
44 60.2 6.1 9.1#

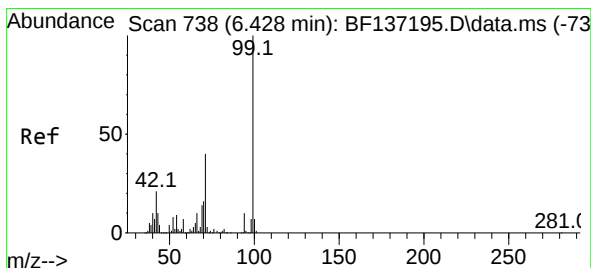
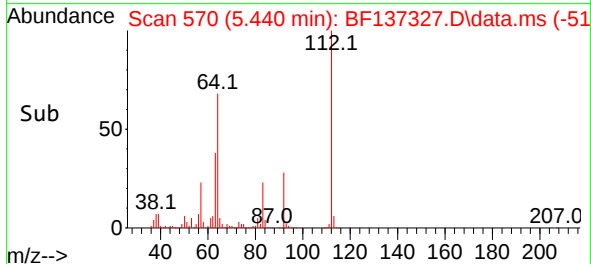
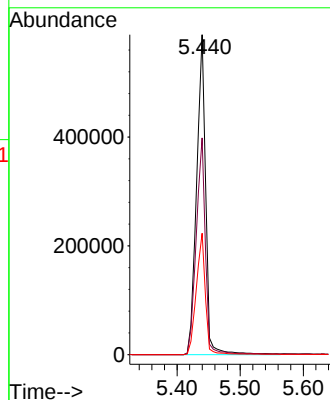
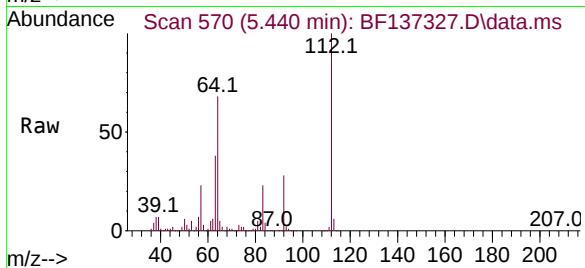




#5
2-Fluorophenol
Concen: 173.992 ng
RT: 5.440 min Scan# 51
Delta R.T. 0.024 min
Lab File: BF137327.D
Acq: 07 Feb 2024 18:35

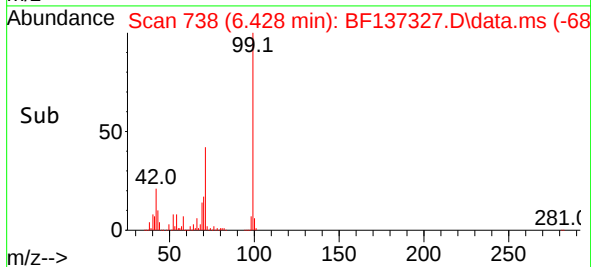
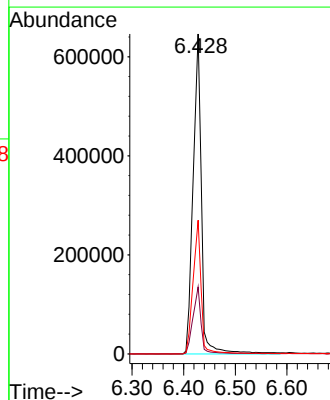
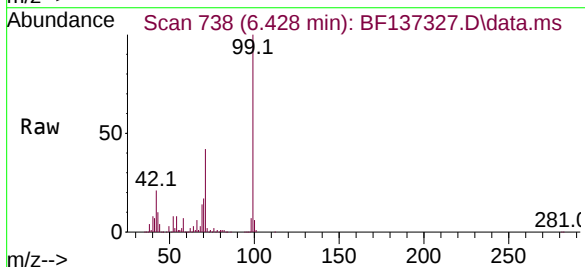
Instrument :
BNA_F
ClientSampleId :
EB-2-0-2D

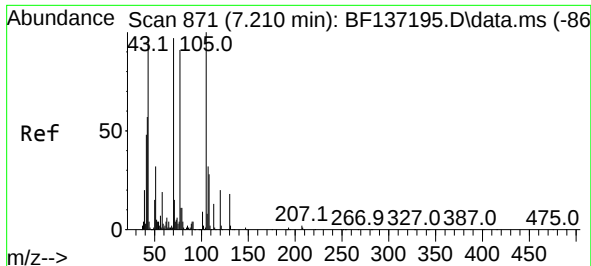
Tgt Ion:112 Resp: 592410
Ion Ratio Lower Upper
112 100
64 67.7 57.8 86.6
63 37.9 31.4 47.0



#7
Phenol-d6
Concen: 149.268 ng
RT: 6.428 min Scan# 738
Delta R.T. 0.000 min
Lab File: BF137327.D
Acq: 07 Feb 2024 18:35

Tgt Ion: 99 Resp: 725293
Ion Ratio Lower Upper
99 100
42 20.9 16.4 24.6
71 41.8 32.4 48.6

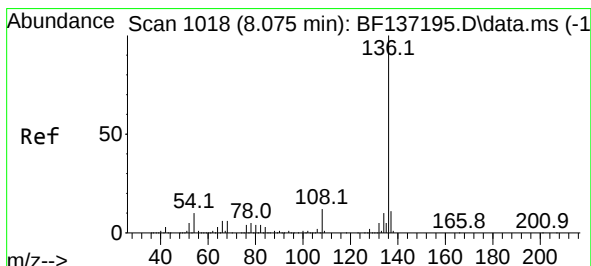
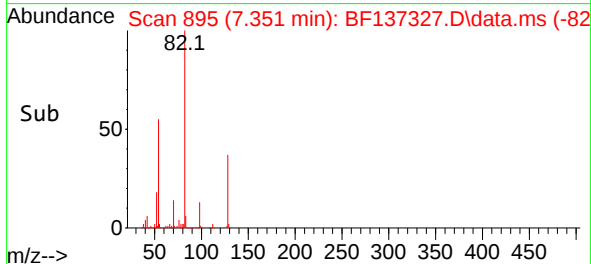
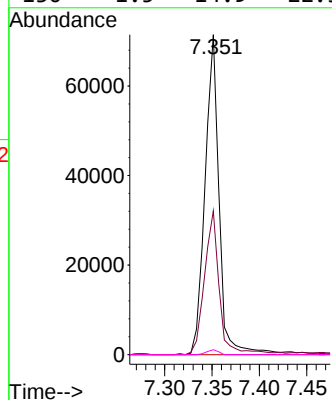
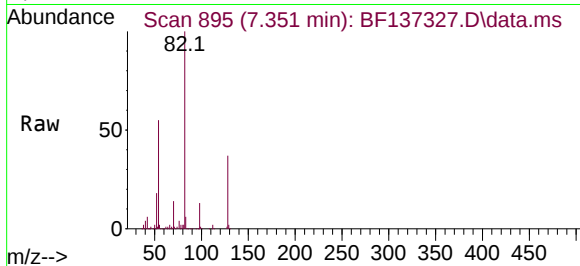




#19
n-Nitroso-di-n-propylamine
Concen: 22.191 ng
RT: 7.351 min Scan# 89
Delta R.T. 0.141 min
Lab File: BF137327.D
Acq: 07 Feb 2024 18:35

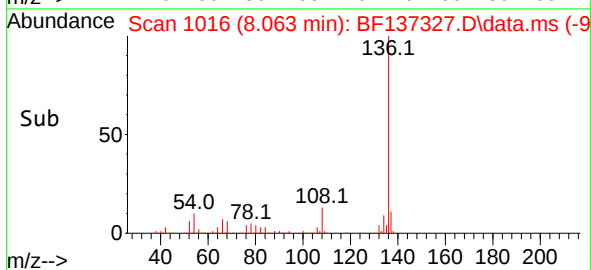
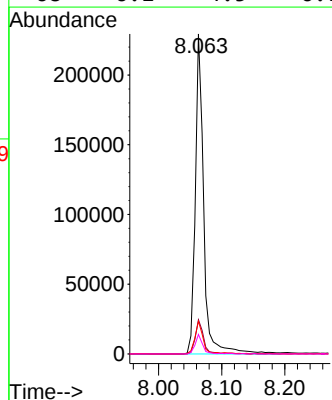
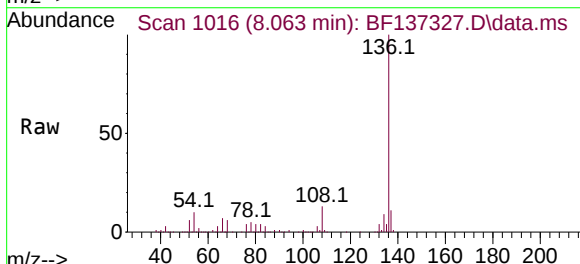
Instrument :
BNA_F
ClientSampleId :
EB-2-0-2D

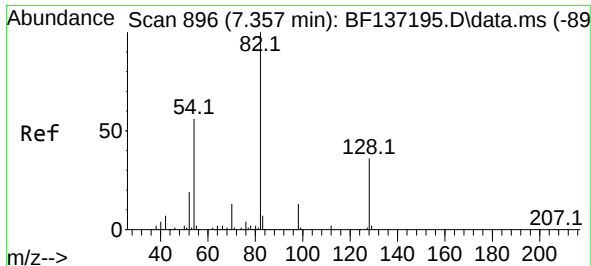
Tgt Ion:	70	Resp:	73932
Ion	Ratio	Lower	Upper
70	100		
42	44.9	47.2	70.8#
101	0.0	7.4	11.0#
130	1.5	14.9	22.3#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.063 min Scan# 1016
Delta R.T. -0.012 min
Lab File: BF137327.D
Acq: 07 Feb 2024 18:35

Tgt Ion:	136	Resp:	212376
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.9	13.3
54	10.2	7.8	11.8
68	6.1	4.5	6.7

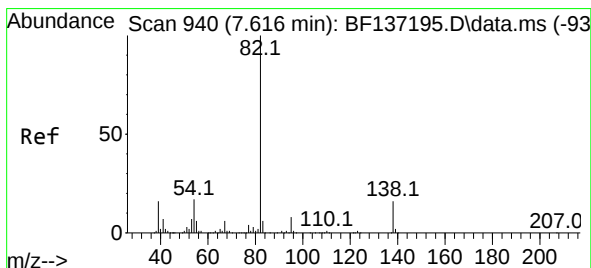
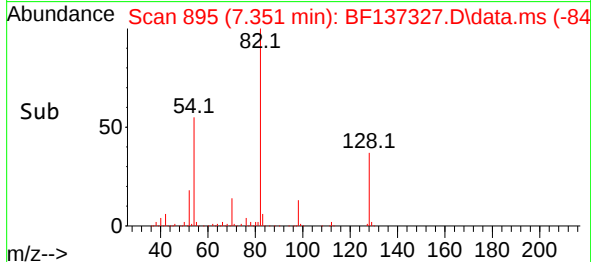
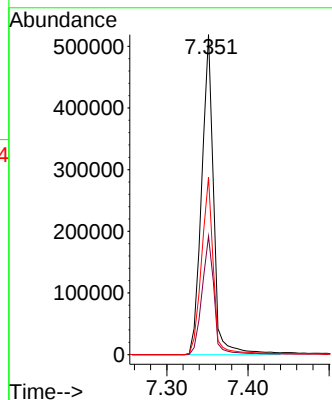
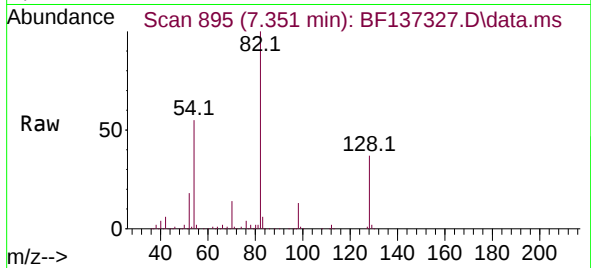




#23
Nitrobenzene-d5
Concen: 112.127 ng
RT: 7.351 min Scan# 895
Delta R.T. -0.006 min
Lab File: BF137327.D
Acq: 07 Feb 2024 18:35

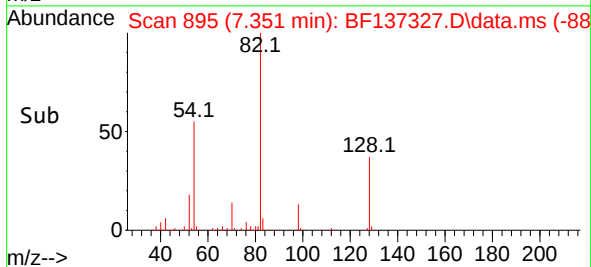
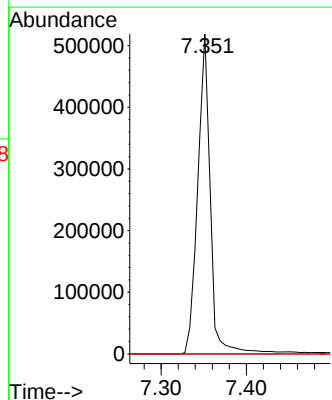
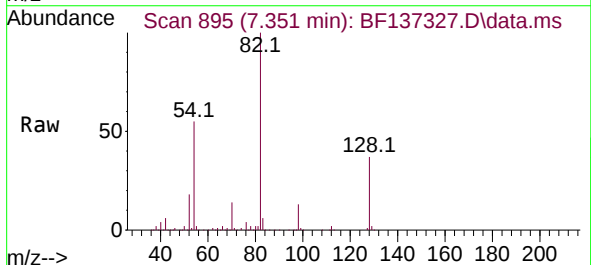
Instrument :
BNA_F
ClientSampleId :
EB-2-0-2D

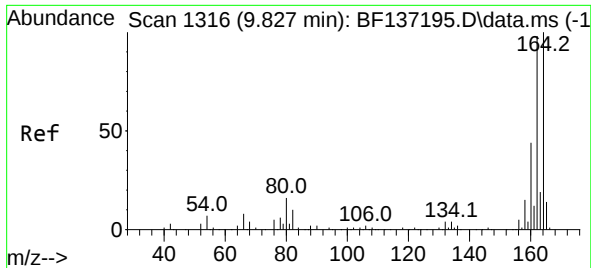
Tgt Ion: 82 Resp: 531880
Ion Ratio Lower Upper
82 100
128 37.0 29.1 43.7
54 55.5 45.0 67.6



#25
Isophorone
Concen: 60.747 ng
RT: 7.351 min Scan# 895
Delta R.T. -0.265 min
Lab File: BF137327.D
Acq: 07 Feb 2024 18:35

Tgt Ion: 82 Resp: 531876
Ion Ratio Lower Upper
82 100
95 0.0 6.4 9.6#
138 0.0 12.7 19.1#

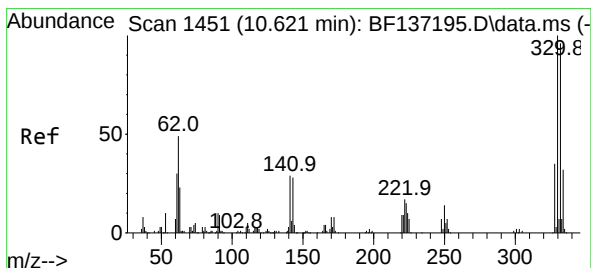
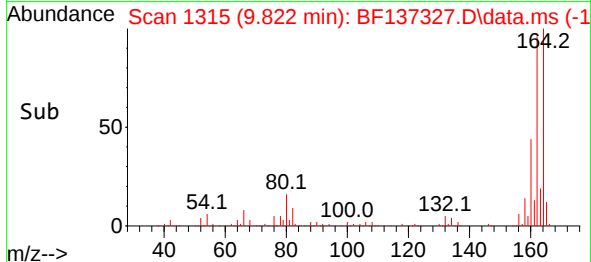
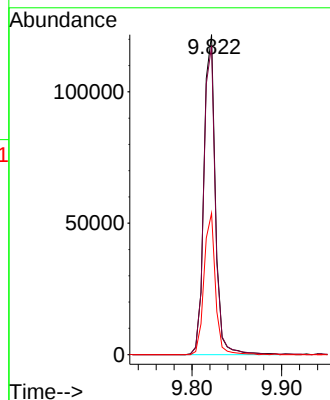
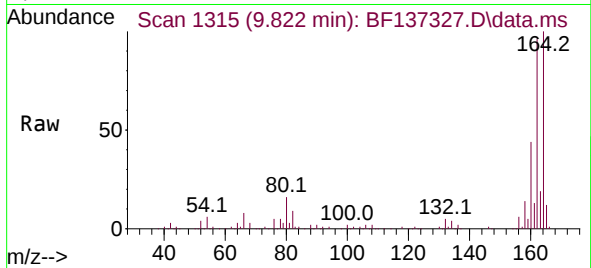




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.822 min Scan# 1315
Delta R.T. -0.005 min
Lab File: BF137327.D
Acq: 07 Feb 2024 18:35

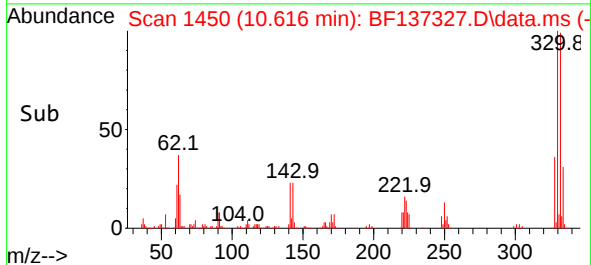
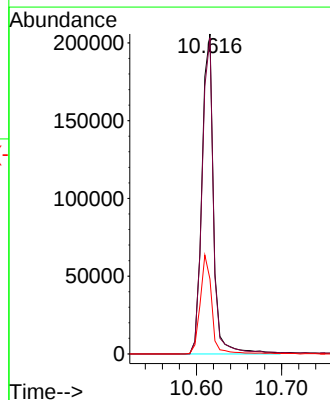
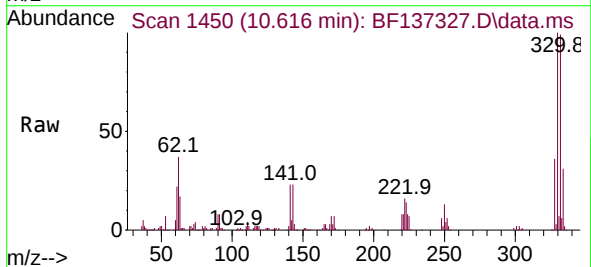
Instrument :
BNA_F
ClientSampleId :
EB-2-0-2D

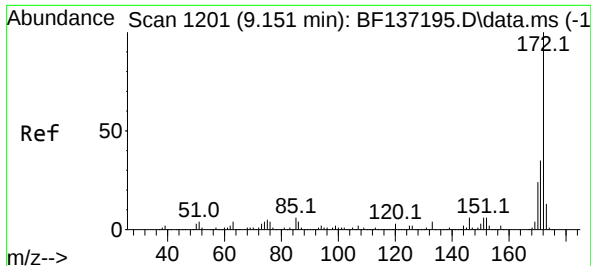
Tgt Ion:164 Resp: 108274
Ion Ratio Lower Upper
164 100
162 96.5 78.3 117.5
160 44.2 35.4 53.2



#42
2,4,6-Tribromophenol
Concen: 158.213 ng
RT: 10.616 min Scan# 1450
Delta R.T. -0.006 min
Lab File: BF137327.D
Acq: 07 Feb 2024 18:35

Tgt Ion:330 Resp: 193462
Ion Ratio Lower Upper
330 100
332 97.9 77.3 115.9
141 30.9 25.2 37.8





#45

2-Fluorobiphenyl

Concen: 115.716 ng

RT: 9.145 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF137327.D

Acq: 07 Feb 2024 18:35

Instrument :

BNA_F

ClientSampleId :

EB-2-0-2D

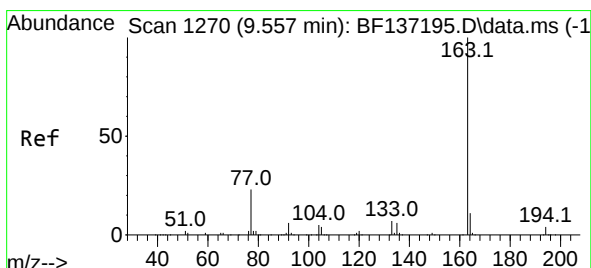
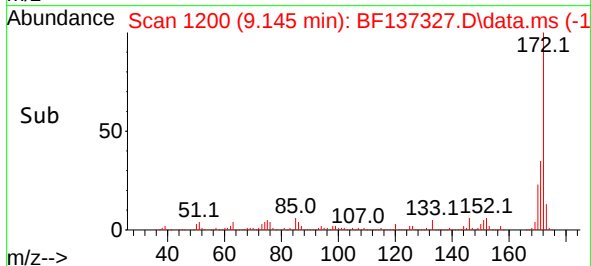
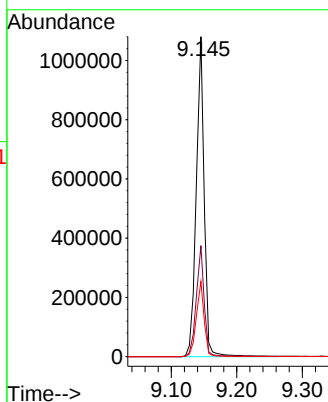
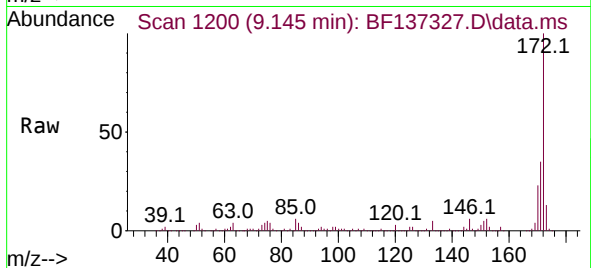
Tgt Ion:172 Resp: 911420

Ion Ratio Lower Upper

172 100

171 34.7 28.3 42.5

170 23.5 19.1 28.7



#50

Dimethylphthalate

Concen: 2.778 ng

RT: 9.822 min Scan# 1315

Delta R.T. 0.265 min

Lab File: BF137327.D

Acq: 07 Feb 2024 18:35

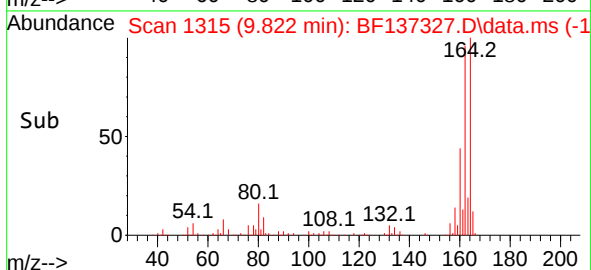
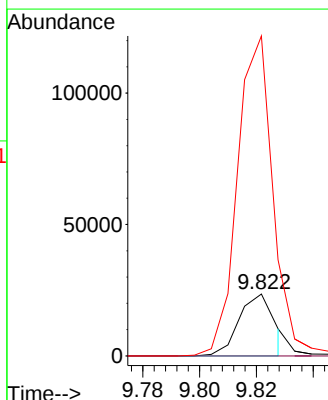
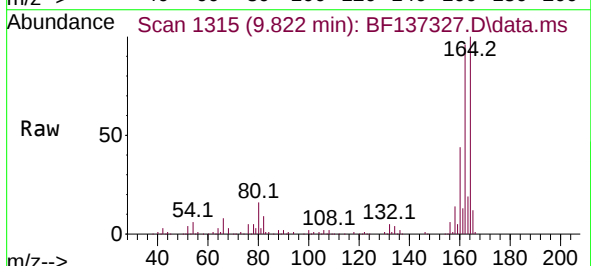
Tgt Ion:163 Resp: 20321

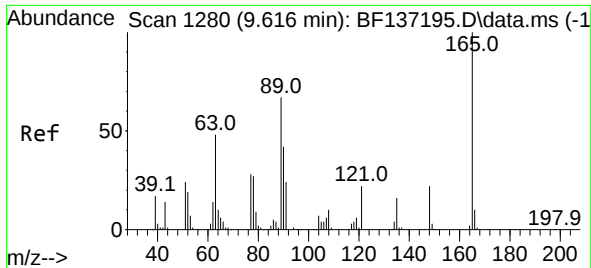
Ion Ratio Lower Upper

163 100

194 0.0 3.3 4.9#

164 517.1 8.6 13.0#

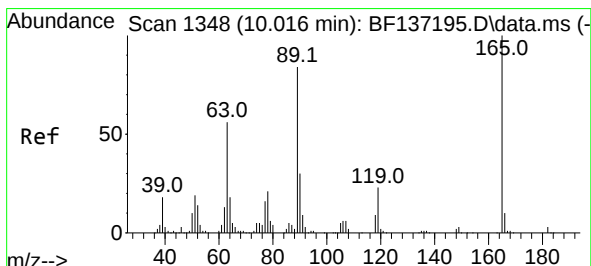
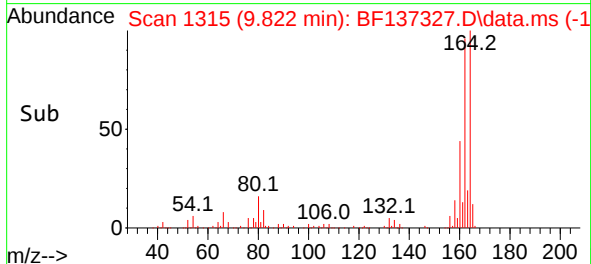
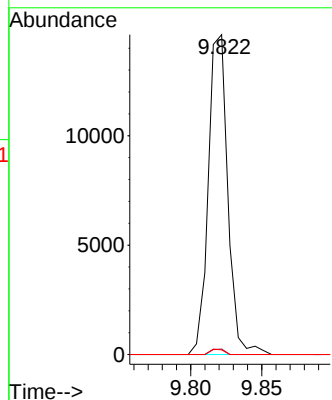
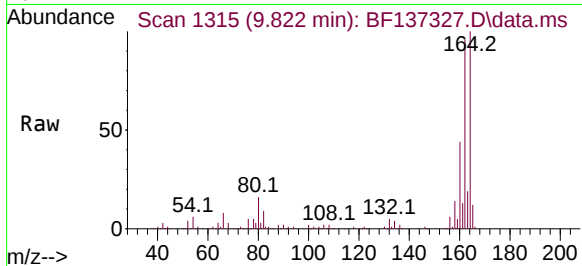




#51
2,6-Dinitrotoluene
Concen: 8.967 ng
RT: 9.822 min Scan# 1315
Delta R.T. 0.206 min
Lab File: BF137327.D
Acq: 07 Feb 2024 18:35

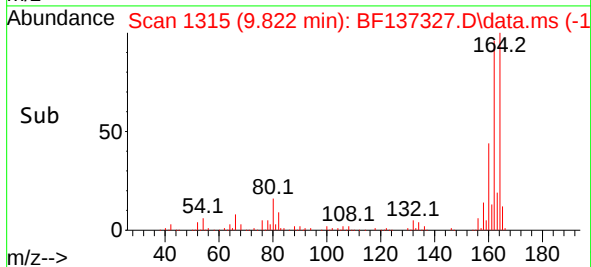
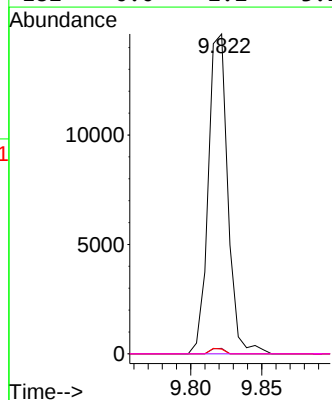
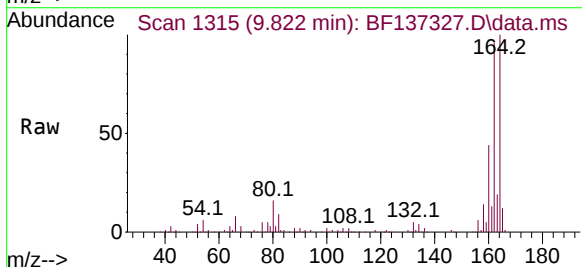
Instrument :
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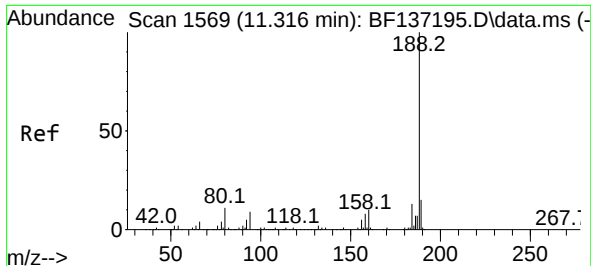
Tgt Ion:165 Resp: 13987
Ion Ratio Lower Upper
165 100
63 1.7 55.1 82.7#
89 1.5 53.5 80.3#



#57
2,4-Dinitrotoluene
Concen: 6.911 ng
RT: 9.822 min Scan# 1315
Delta R.T. -0.194 min
Lab File: BF137327.D
Acq: 07 Feb 2024 18:35

Tgt Ion:165 Resp: 13987
Ion Ratio Lower Upper
165 100
63 1.7 46.1 69.1#
89 1.5 67.5 101.3#
182 0.0 2.2 3.2#

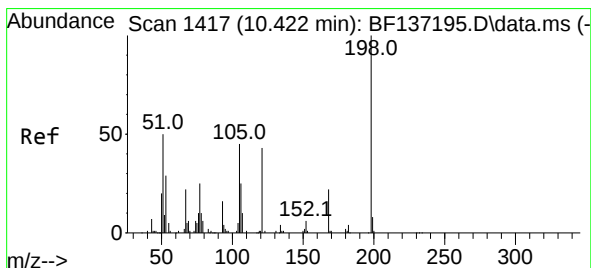
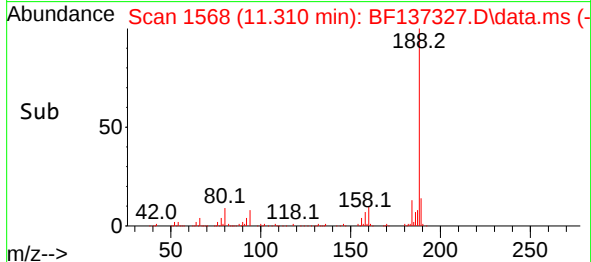
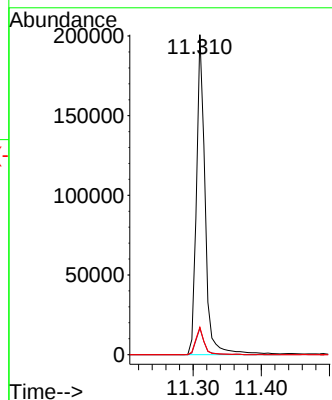
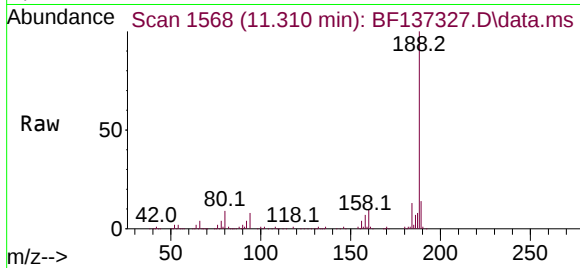




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.310 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF137327.D
Acq: 07 Feb 2024 18:35

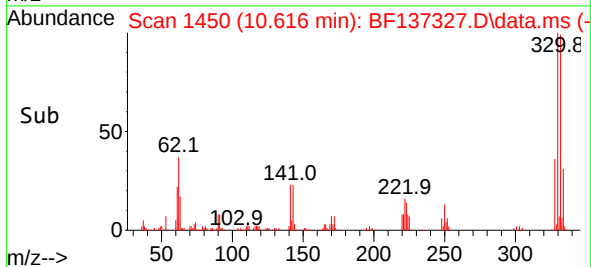
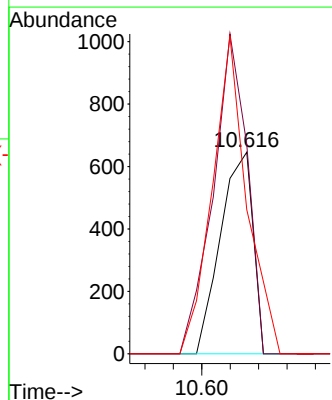
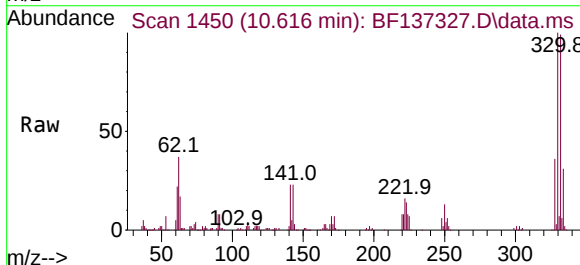
Instrument :
BNA_F
ClientSampleId :
EB-2-0-2D

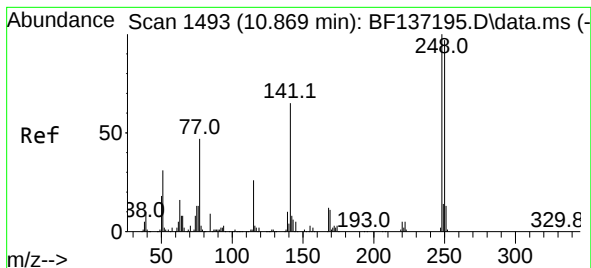
Tgt Ion:188 Resp: 177607
Ion Ratio Lower Upper
188 100
94 8.2 7.0 10.4
80 8.6 8.8 13.2#



#65
4,6-Dinitro-2-methylphenol
Concen: 5.937 ng
RT: 10.616 min Scan# 1450
Delta R.T. 0.194 min
Lab File: BF137327.D
Acq: 07 Feb 2024 18:35

Tgt Ion:198 Resp: 512
Ion Ratio Lower Upper
198 100
51 103.9 40.9 80.9#
105 71.5 26.5 66.5#

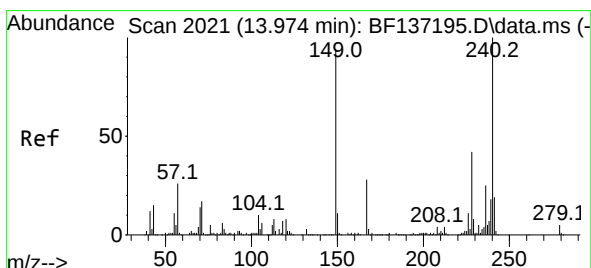
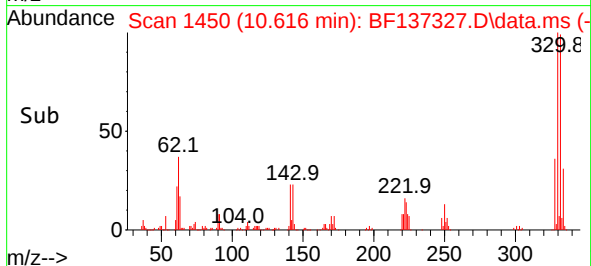
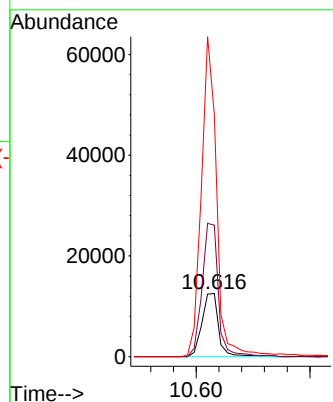
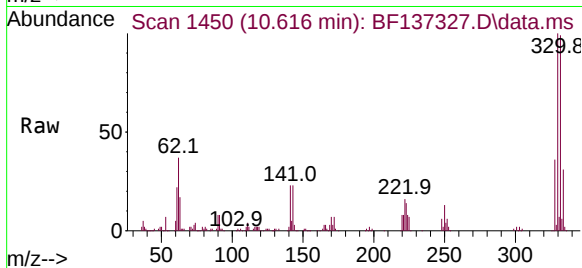




#67
4-Bromophenyl-phenylether
Concen: 6.511 ng
RT: 10.616 min Scan# 14
Delta R.T. -0.253 min
Lab File: BF137327.D
Acq: 07 Feb 2024 18:35

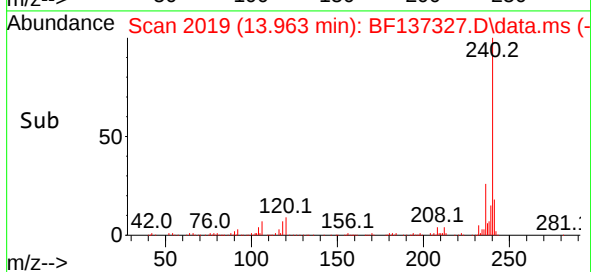
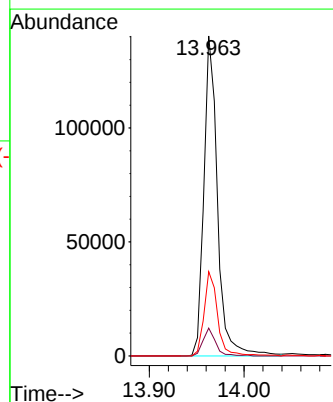
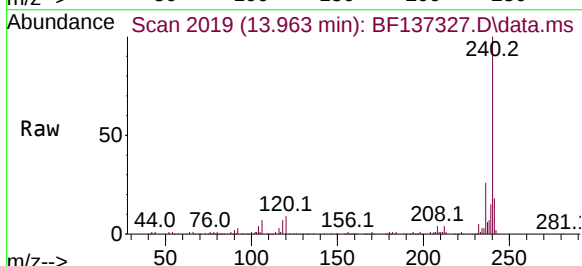
Instrument :
BNA_F
ClientSampleId :
EB-2-0-2D

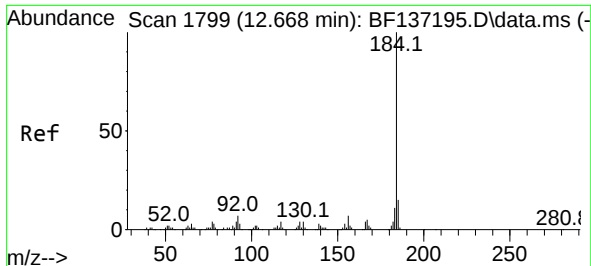
Tgt Ion:248 Resp: 12716
Ion Ratio Lower Upper
248 100
250 208.1 77.7 116.5#
141 383.1 51.6 77.4#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.963 min Scan# 2019
Delta R.T. -0.012 min
Lab File: BF137327.D
Acq: 07 Feb 2024 18:35

Tgt Ion:240 Resp: 140615
Ion Ratio Lower Upper
240 100
120 8.7 6.3 9.5
236 26.3 20.3 30.5

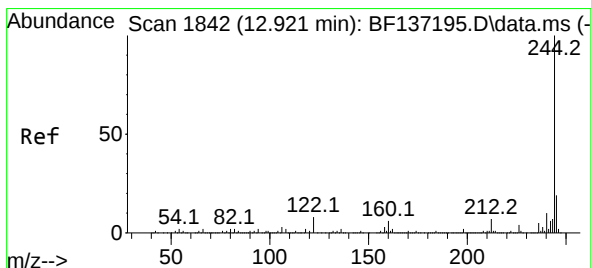
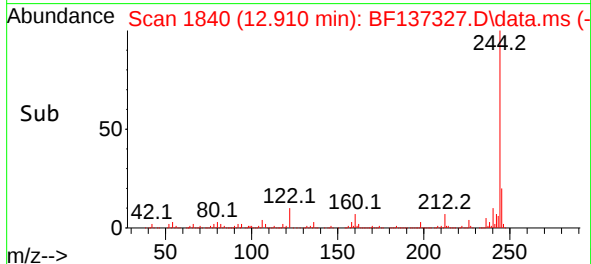
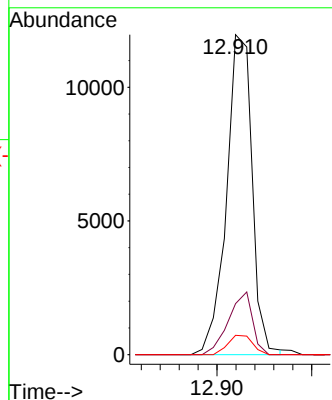
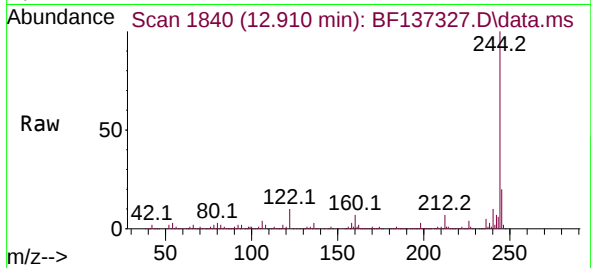




#77
Benzidine
Concen: 4.458 ng
RT: 12.910 min Scan# 1840
Delta R.T. 0.242 min
Lab File: BF137327.D
Acq: 07 Feb 2024 18:35

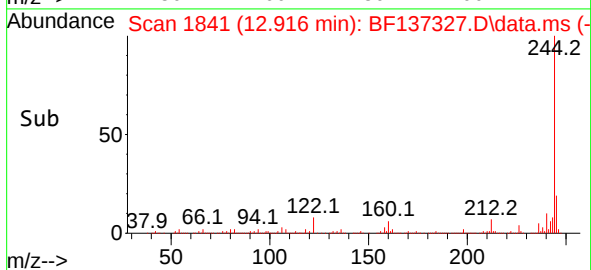
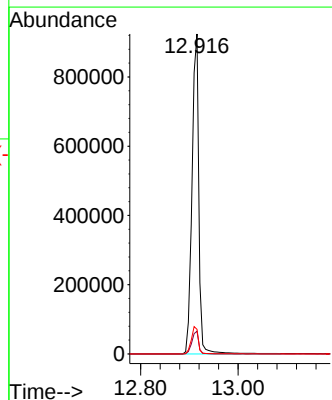
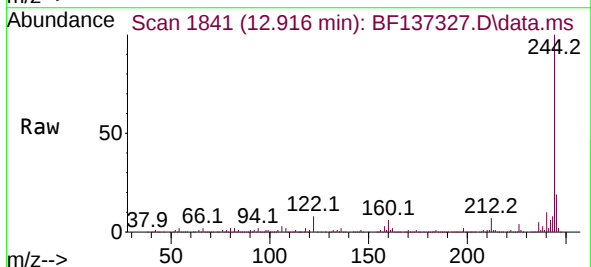
Instrument :
BNA_F
ClientSampleId :
EB-2-0-2D

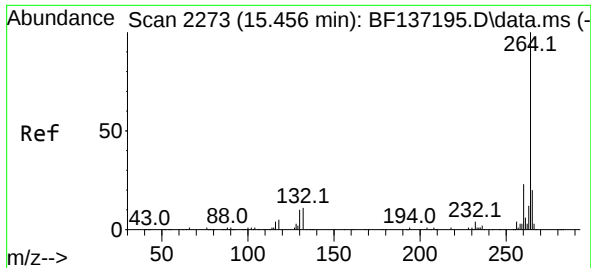
Tgt Ion:184 Resp: 11226
Ion Ratio Lower Upper
184 100
185 15.9 11.9 17.9
183 6.0 8.8 13.2#



#79
Terphenyl-d14
Concen: 86.078 ng
RT: 12.916 min Scan# 1841
Delta R.T. -0.006 min
Lab File: BF137327.D
Acq: 07 Feb 2024 18:35

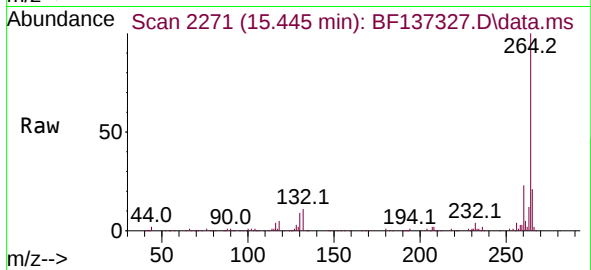
Tgt Ion:244 Resp: 890353
Ion Ratio Lower Upper
244 100
212 7.1 5.5 8.3
122 7.7 6.2 9.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.445 min Scan# 21
Delta R.T. -0.012 min
Lab File: BF137327.D
Acq: 07 Feb 2024 18:35

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



Tgt Ion:264 Resp: 127117
Ion Ratio Lower Upper
264 100
260 22.6 18.2 27.4
265 21.3 16.2 24.2

