

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020724\
 Data File : BF137324.D
 Acq On : 07 Feb 2024 17:07
 Operator : CG\JU
 Sample : P1366-02
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EB-2-6-8

Quant Time: Feb 07 17:58:31 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)

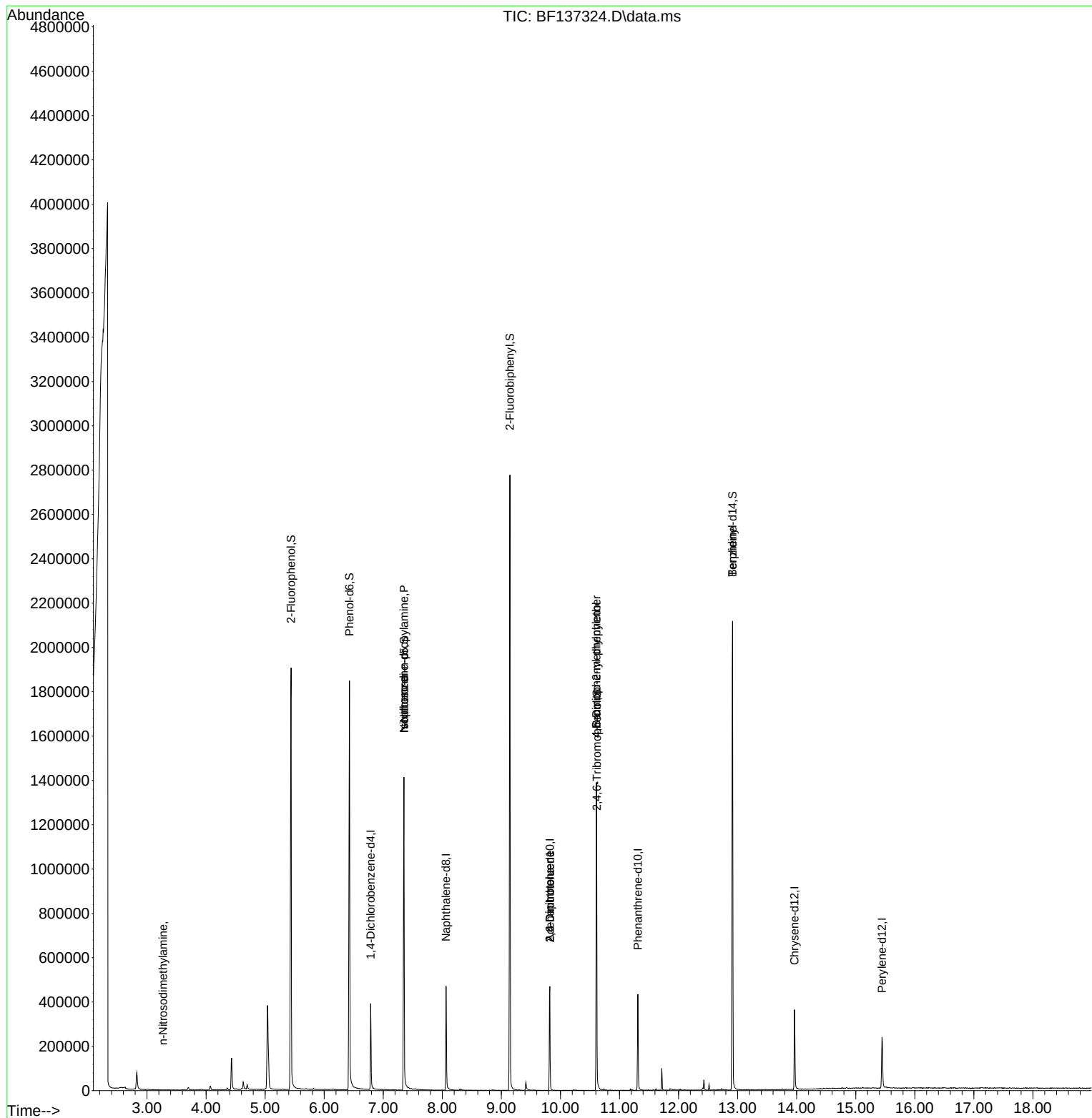
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.787	152	51871	20.000	ng	0.00
21) Naphthalene-d8	8.063	136	197335	20.000	ng	-0.01
39) Acenaphthene-d10	9.822	164	100513	20.000	ng	0.00
64) Phenanthrene-d10	11.310	188	157355	20.000	ng	0.00
76) Chrysene-d12	13.963	240	132724	20.000	ng	-0.01
86) Perylene-d12	15.445	264	120434	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.440	112	518534	164.952	ng	0.02
7) Phenol-d6	6.428	99	619053	137.992	ng	0.00
23) Nitrobenzene-d5	7.351	82	466232	105.779	ng	0.00
42) 2,4,6-Tribromophenol	10.616	330	164017	144.490	ng	0.00
45) 2-Fluorobiphenyl	9.145	172	778942	106.532	ng	0.00
79) Terphenyl-d14	12.916	244	781895	80.087	ng	0.00
Target Compounds						Qvalue
4) n-Nitrosodimethylamine	3.269	42	158	6.140	ng	# 1
19) n-Nitroso-di-n-propyla...	7.351	70	65500	21.294	ng	# 77
25) Isophorone	7.351	82	466226	57.307	ng	# 67
51) 2,6-Dinitrotoluene	9.822	165	12815	8.850	ng	# 18
57) 2,4-Dinitrotoluene	9.822	165	12815	6.821	ng	# 17
65) 4,6-Dinitro-2-methylph...	10.610	198	396	5.876	ng	# 1
67) 4-Bromophenyl-phenylether	10.610	248	11019	6.368	ng	# 1
77) Benzidine	12.916	184	9847	4.143	ng	# 92

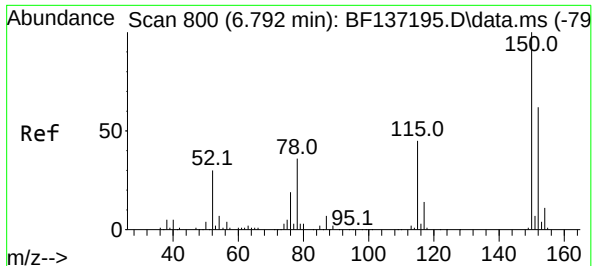
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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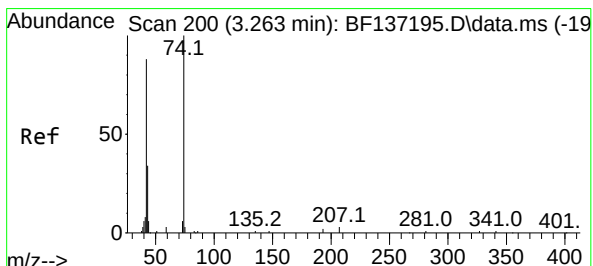
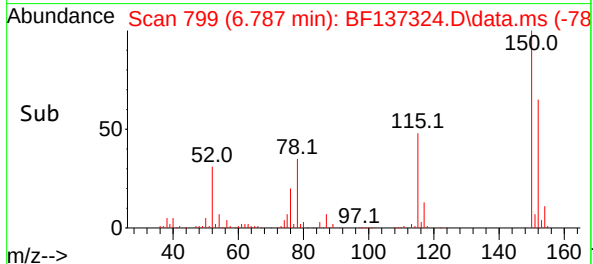
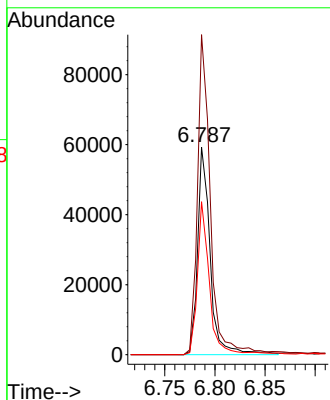
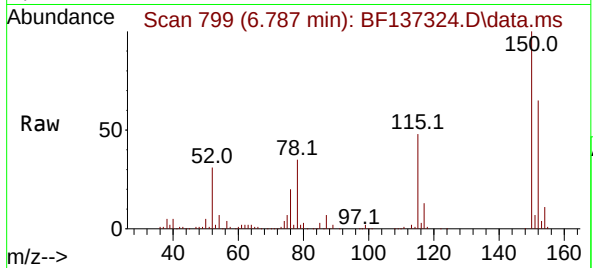




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.787 min Scan# 79
Delta R.T. -0.005 min
Lab File: BF137324.D
Acq: 07 Feb 2024 17:07

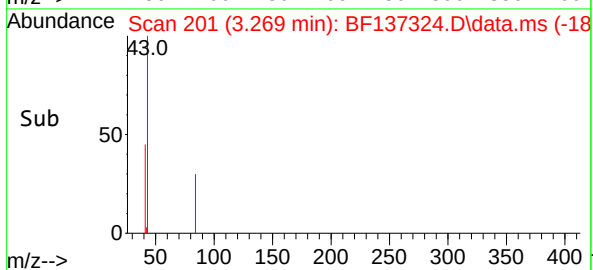
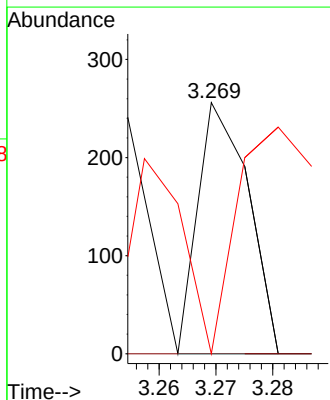
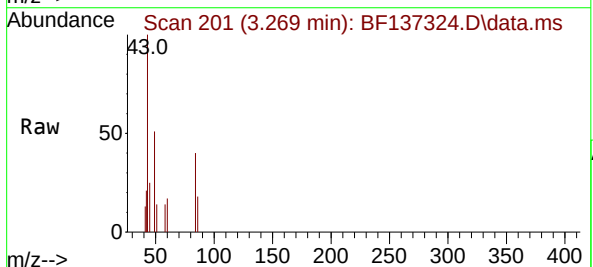
Instrument :
BNA_F
ClientSampleId :
EB-2-6-8

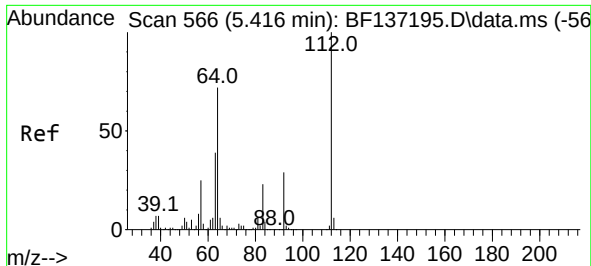
Tgt Ion:152 Resp: 51871
Ion Ratio Lower Upper
152 100
150 154.2 129.8 194.8
115 73.7 58.5 87.7



#4
n-Nitrosodimethylamine
Concen: 6.140 ng
RT: 3.269 min Scan# 201
Delta R.T. 0.006 min
Lab File: BF137324.D
Acq: 07 Feb 2024 17:07

Tgt Ion: 42 Resp: 158
Ion Ratio Lower Upper
42 100
74 0.0 90.5 135.7#
44 0.0 6.1 9.1#

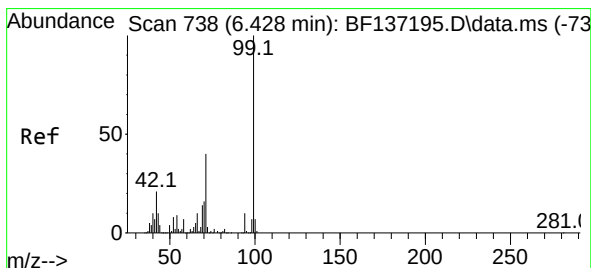
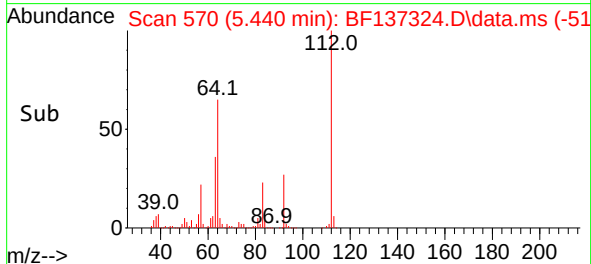
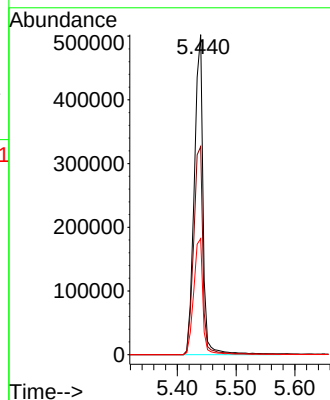
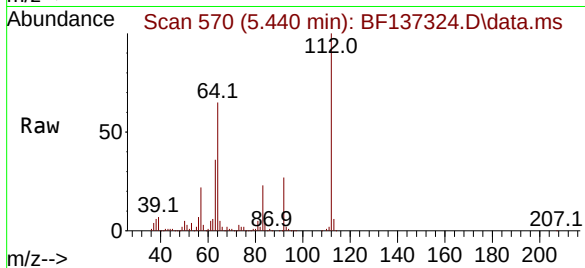




#5
2-Fluorophenol
Concen: 164.952 ng
RT: 5.440 min Scan# 51
Delta R.T. 0.024 min
Lab File: BF137324.D
Acq: 07 Feb 2024 17:07

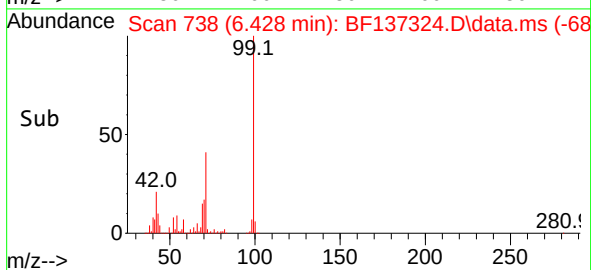
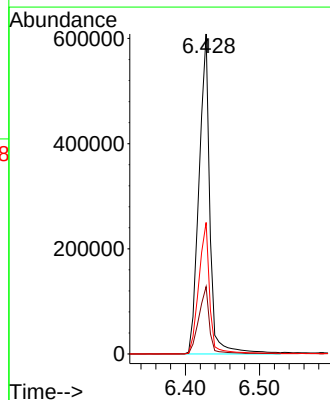
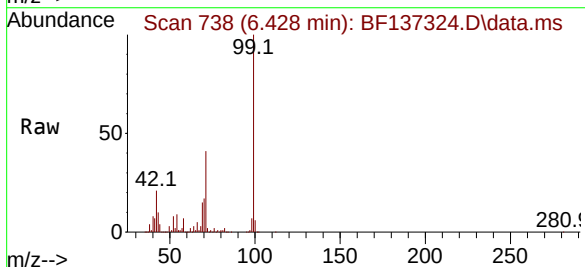
Instrument :
BNA_F
ClientSampleId :
EB-2-6-8

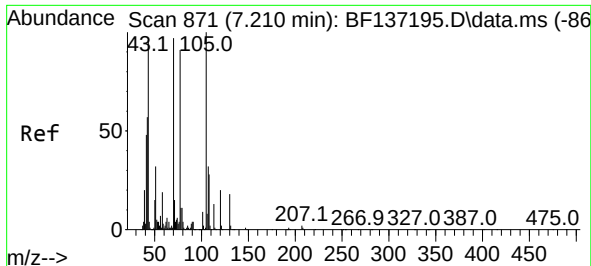
Tgt Ion:112 Resp: 518534
Ion Ratio Lower Upper
112 100
64 65.0 57.8 86.6
63 36.2 31.4 47.0



#7
Phenol-d6
Concen: 137.992 ng
RT: 6.428 min Scan# 738
Delta R.T. 0.000 min
Lab File: BF137324.D
Acq: 07 Feb 2024 17:07

Tgt Ion: 99 Resp: 619053
Ion Ratio Lower Upper
99 100
42 21.0 16.4 24.6
71 41.1 32.4 48.6

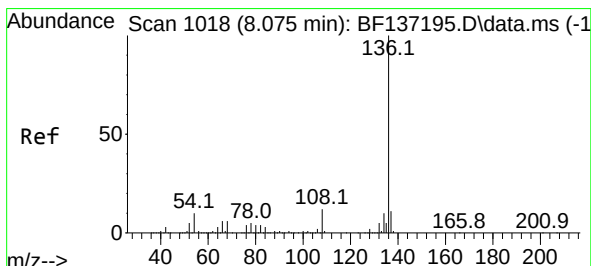
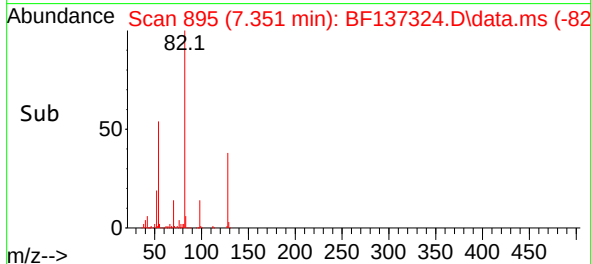
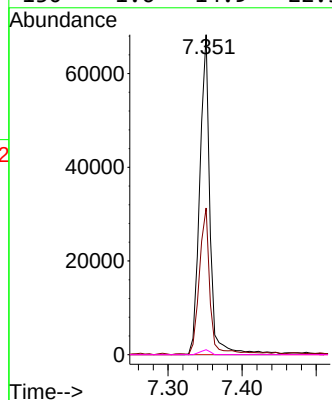
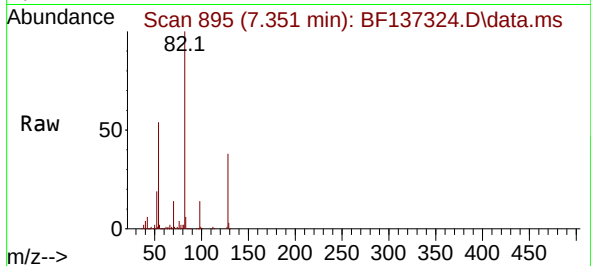




#19
n-Nitroso-di-n-propylamine
Concen: 21.294 ng
RT: 7.351 min Scan# 895
Delta R.T. 0.141 min
Lab File: BF137324.D
Acq: 07 Feb 2024 17:07

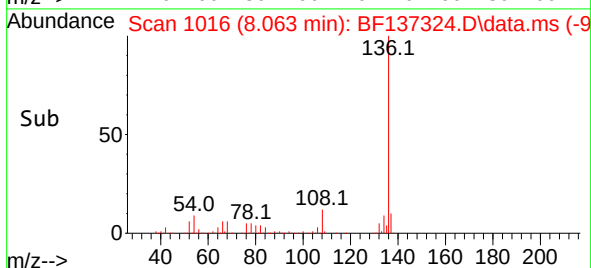
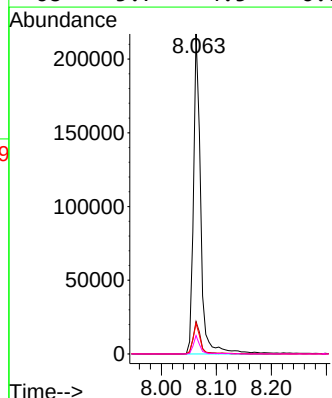
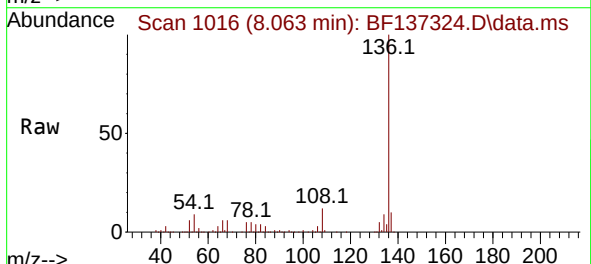
Instrument :
BNA_F
ClientSampleId :
EB-2-6-8

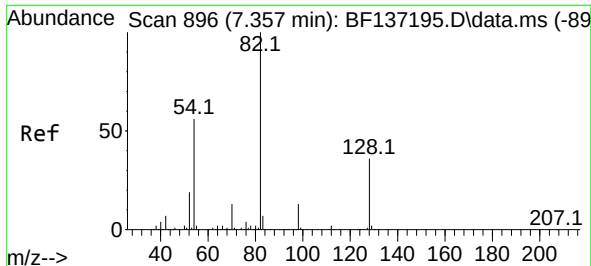
Tgt Ion:	70	Resp:	65500
Ion	Ratio	Lower	Upper
70	100		
42	45.8	47.2	70.8#
101	0.0	7.4	11.0#
130	1.6	14.9	22.3#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.063 min Scan# 1016
Delta R.T. -0.012 min
Lab File: BF137324.D
Acq: 07 Feb 2024 17:07

Tgt Ion:	136	Resp:	197335
Ion	Ratio	Lower	Upper
136	100		
137	10.2	8.9	13.3
54	9.5	7.8	11.8
68	5.7	4.5	6.7





#23

Nitrobenzene-d5

Concen: 105.779 ng

RT: 7.351 min Scan# 895

Delta R.T. -0.006 min

Lab File: BF137324.D

Acq: 07 Feb 2024 17:07

Instrument :

BNA_F

ClientSampleId :

EB-2-6-8

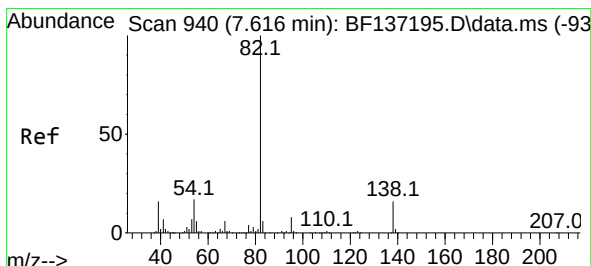
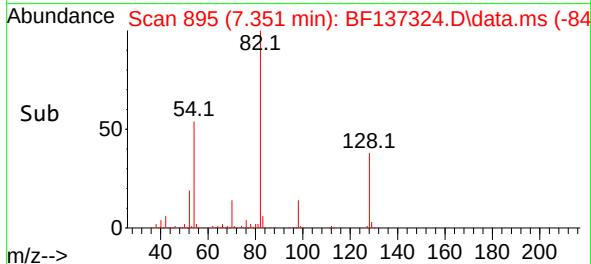
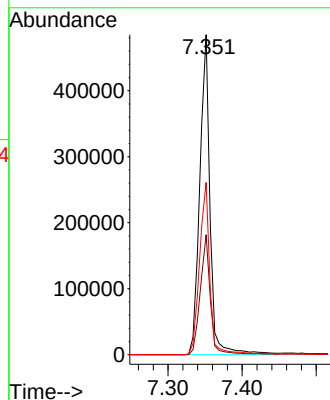
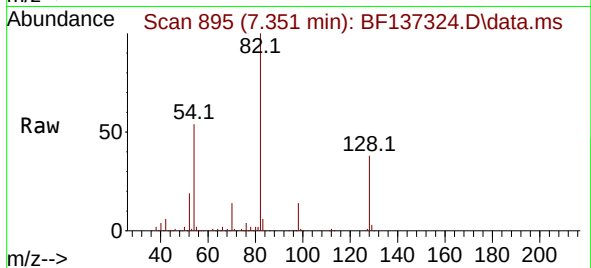
Tgt Ion: 82 Resp: 466232

Ion Ratio Lower Upper

82 100

128 37.5 29.1 43.7

54 53.9 45.0 67.6



#25

Isophorone

Concen: 57.307 ng

RT: 7.351 min Scan# 895

Delta R.T. -0.265 min

Lab File: BF137324.D

Acq: 07 Feb 2024 17:07

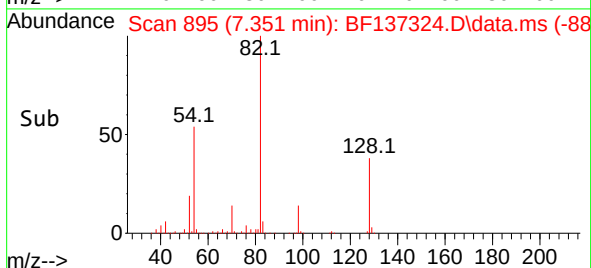
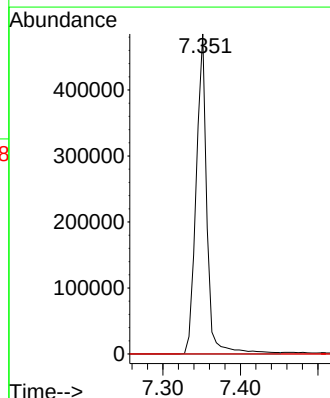
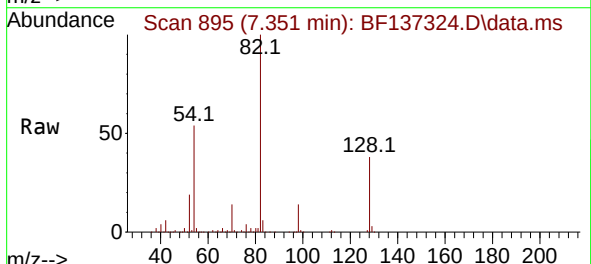
Tgt Ion: 82 Resp: 466226

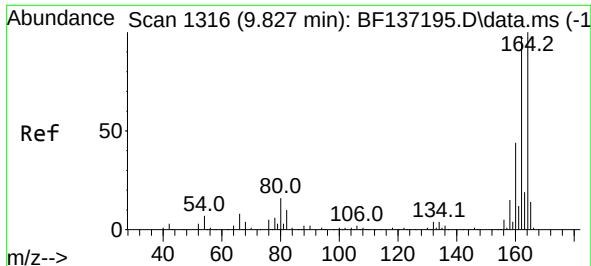
Ion Ratio Lower Upper

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# 1

Delta R.T. -0.005 min

Lab File: BF137324.D

Acq: 07 Feb 2024 17:07

Instrument :

BNA_F

ClientSampleId :

EB-2-6-8

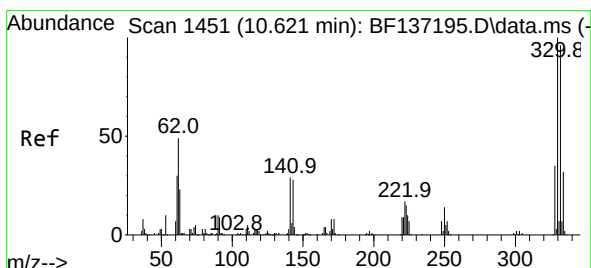
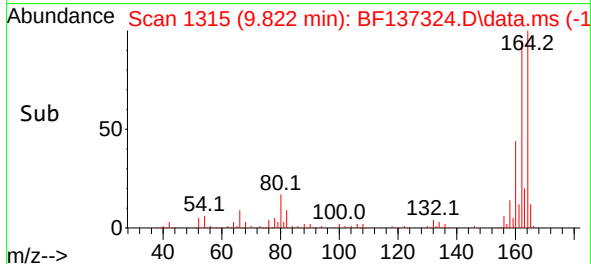
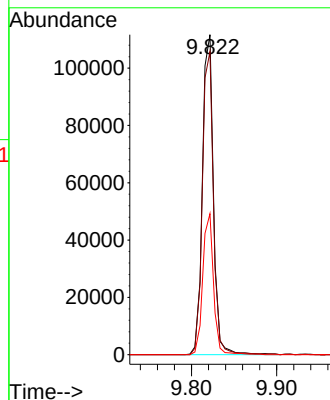
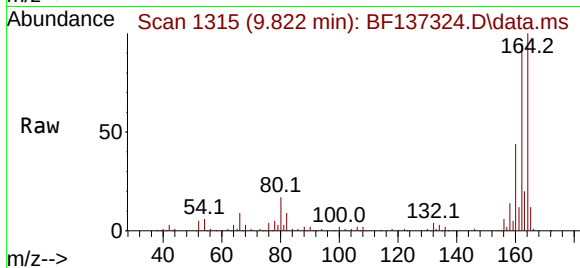
Tgt Ion:164 Resp: 100513

Ion Ratio Lower Upper

164 100

162 94.7 78.3 117.5

160 44.0 35.4 53.2



#42

2,4,6-Tribromophenol

Concen: 144.490 ng

RT: 10.616 min Scan# 1450

Delta R.T. -0.006 min

Lab File: BF137324.D

Acq: 07 Feb 2024 17:07

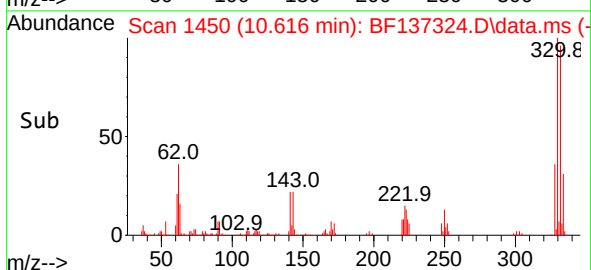
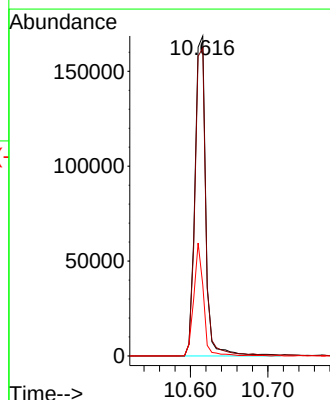
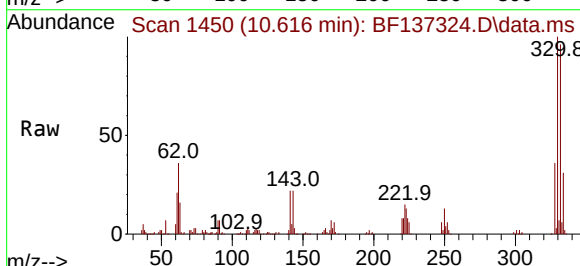
Tgt Ion:330 Resp: 164017

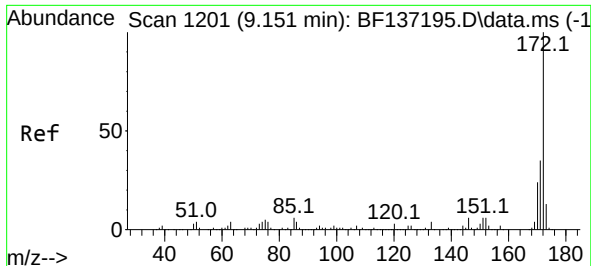
Ion Ratio Lower Upper

330 100

332 97.1 77.3 115.9

141 31.4 25.2 37.8

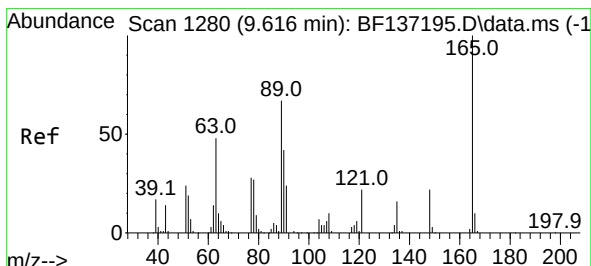
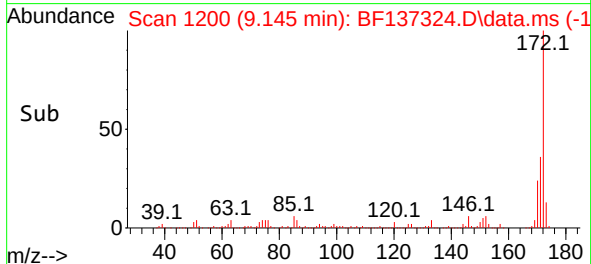
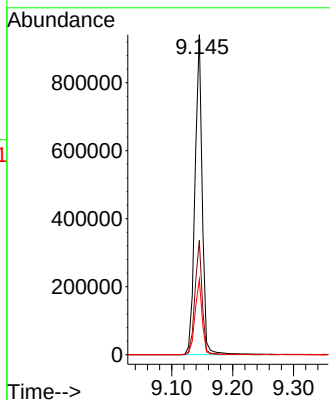
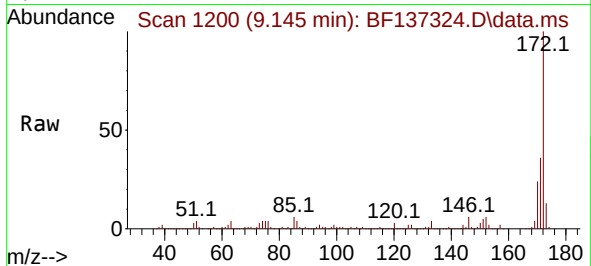




#45
2-Fluorobiphenyl
Concen: 106.532 ng
RT: 9.145 min Scan# 1315
Delta R.T. -0.006 min
Lab File: BF137324.D
Acq: 07 Feb 2024 17:07

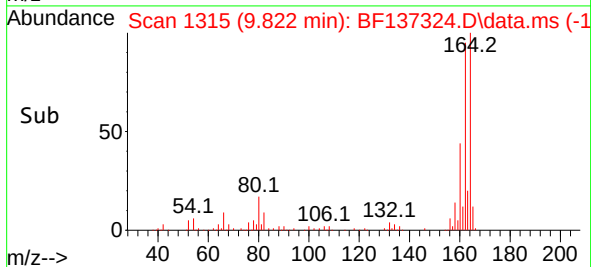
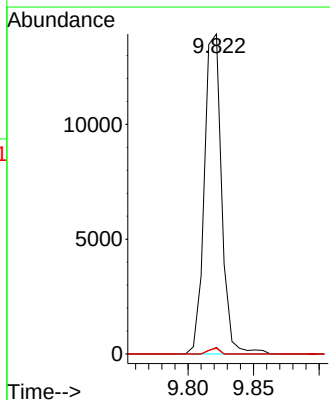
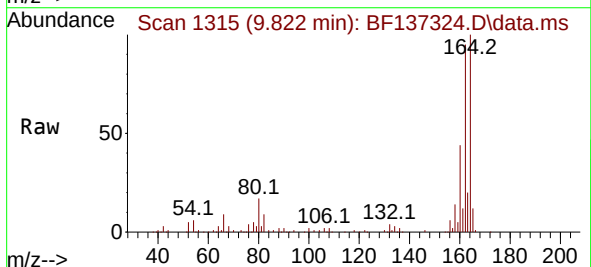
Instrument :
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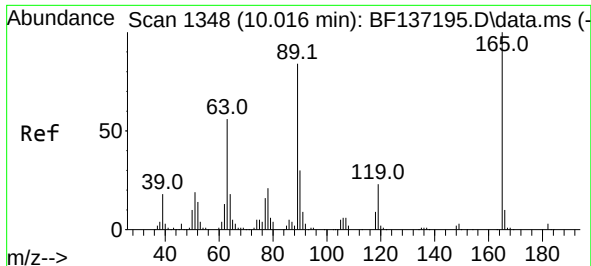
Tgt Ion:172 Resp: 778942
Ion Ratio Lower Upper
172 100
171 35.7 28.3 42.5
170 23.5 19.1 28.7



#51
2,6-Dinitrotoluene
Concen: 8.850 ng
RT: 9.822 min Scan# 1315
Delta R.T. 0.206 min
Lab File: BF137324.D
Acq: 07 Feb 2024 17:07

Tgt Ion:165 Resp: 12815
Ion Ratio Lower Upper
165 100
63 2.0 55.1 82.7#
89 1.8 53.5 80.3#

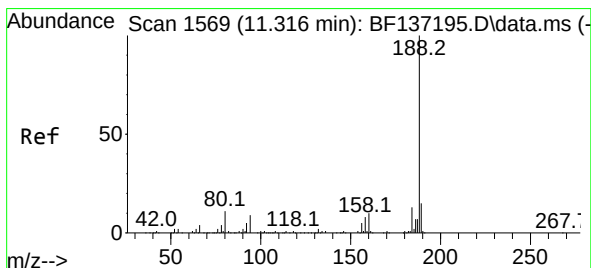
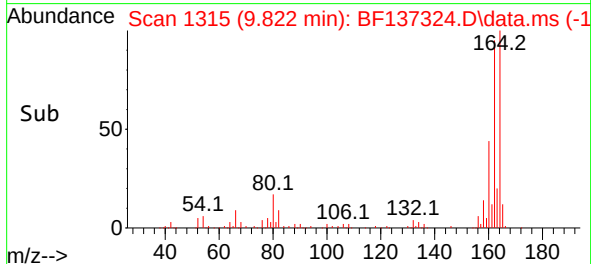
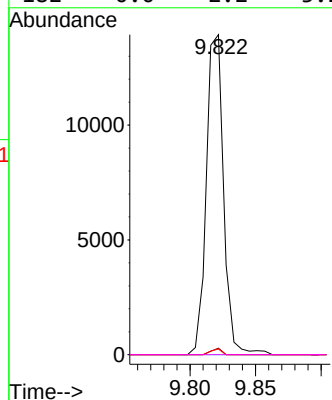
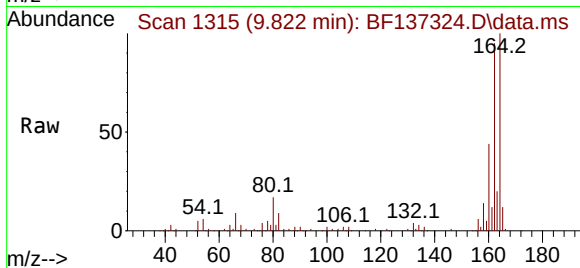




#57
2,4-Dinitrotoluene
Concen: 6.821 ng
RT: 9.822 min Scan# 11
Delta R.T. -0.194 min
Lab File: BF137324.D
Acq: 07 Feb 2024 17:07

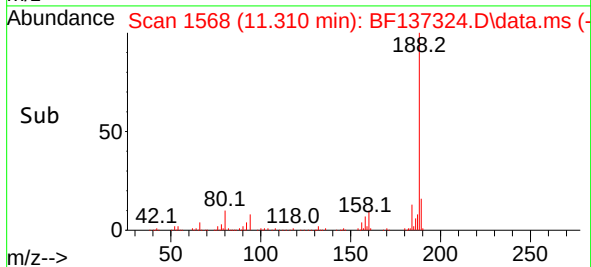
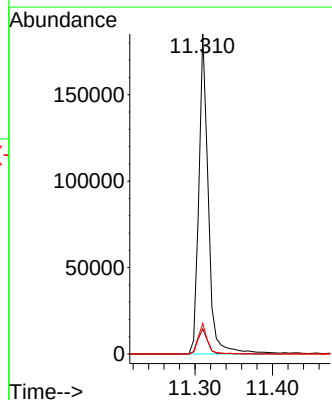
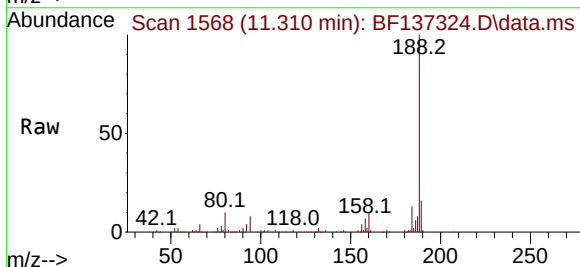
Instrument :
BNA_F
ClientSampleId :
EB-2-6-8

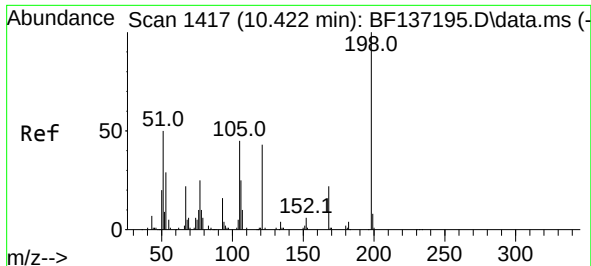
Tgt Ion:165 Resp: 12815
Ion Ratio Lower Upper
165 100
63 2.0 46.1 69.1#
89 1.8 67.5 101.3#
182 0.0 2.2 3.2#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.310 min Scan# 1568
Delta R.T. -0.006 min
Lab File: BF137324.D
Acq: 07 Feb 2024 17:07

Tgt Ion:188 Resp: 157355
Ion Ratio Lower Upper
188 100
94 7.8 7.0 10.4
80 9.5 8.8 13.2

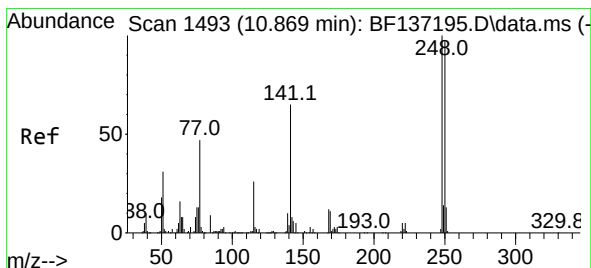
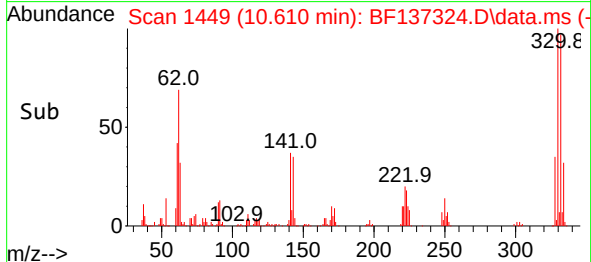
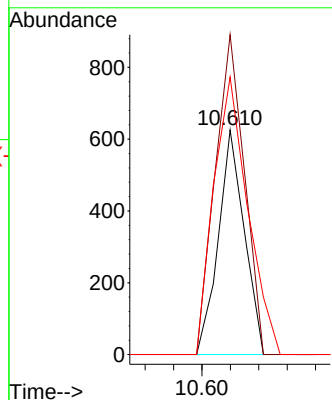
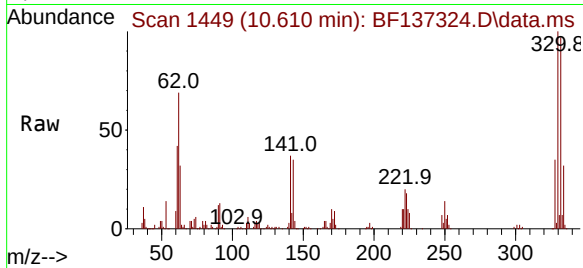




#65
4,6-Dinitro-2-methylphenol
Concen: 5.876 ng
RT: 10.610 min Scan# 1417
Delta R.T. 0.188 min
Lab File: BF137324.D
Acq: 07 Feb 2024 17:07

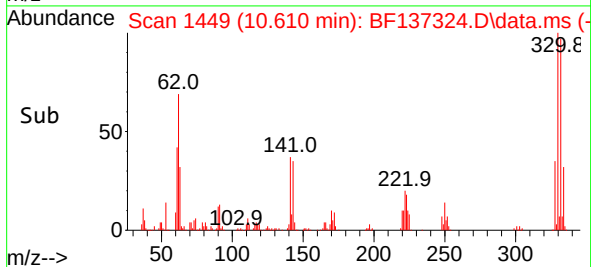
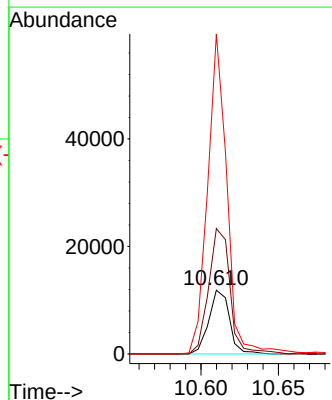
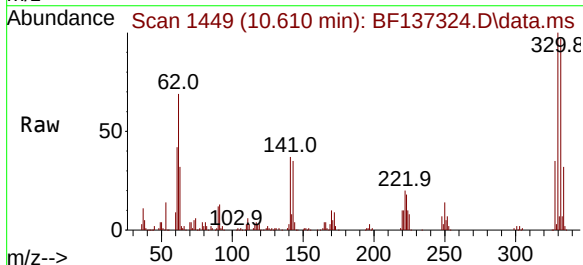
Instrument :
BNA_F
ClientSampleId :
EB-2-6-8

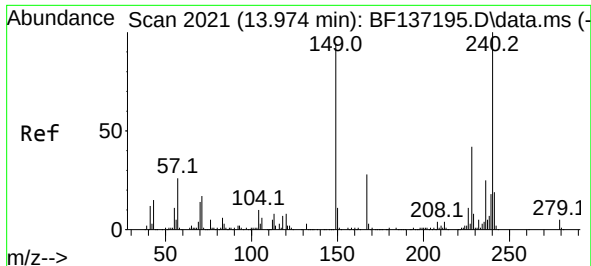
Tgt Ion:198 Resp: 396
Ion Ratio Lower Upper
198 100
51 142.3 40.9 80.9#
105 123.5 26.5 66.5#



#67
4-Bromophenyl-phenylether
Concen: 6.368 ng
RT: 10.610 min Scan# 1449
Delta R.T. -0.259 min
Lab File: BF137324.D
Acq: 07 Feb 2024 17:07

Tgt Ion:248 Resp: 11019
Ion Ratio Lower Upper
248 100
250 196.8 77.7 116.5#
141 501.8 51.6 77.4#

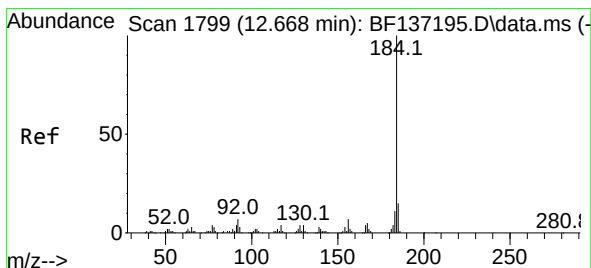
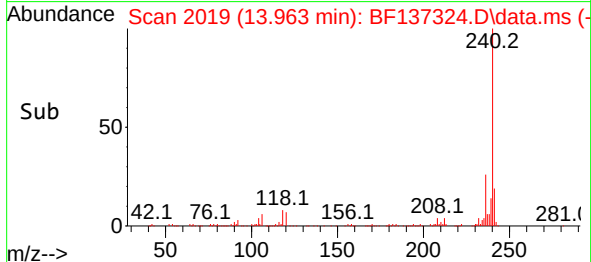
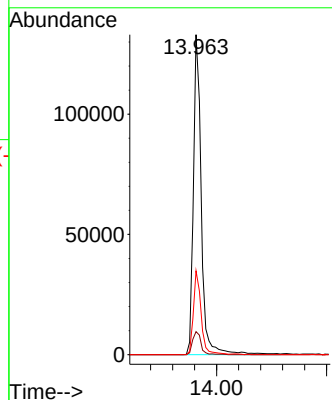
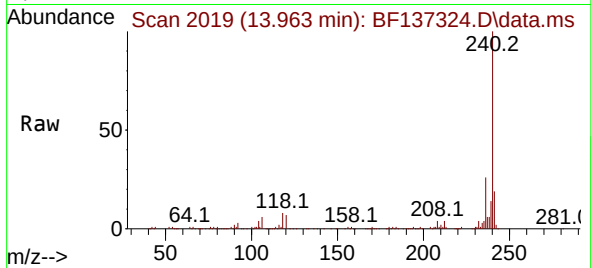




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.963 min Scan# 20
Delta R.T. -0.012 min
Lab File: BF137324.D
Acq: 07 Feb 2024 17:07

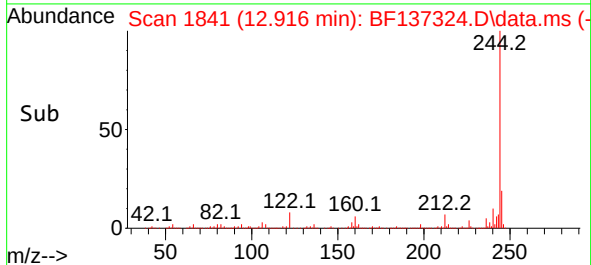
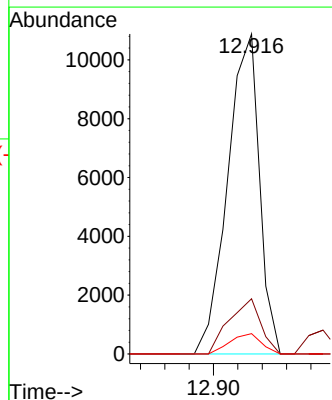
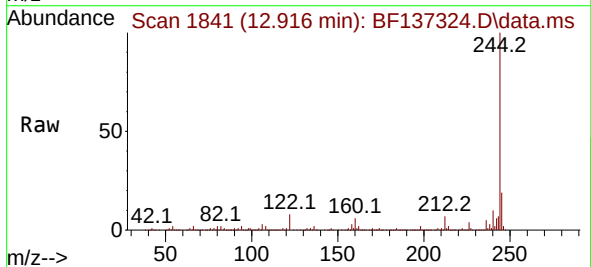
Instrument :
BNA_F
ClientSampleId :
EB-2-6-8

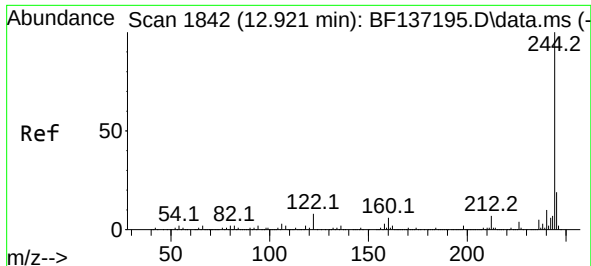
Tgt Ion:240 Resp: 132724
Ion Ratio Lower Upper
240 100
120 7.2 6.3 9.5
236 26.2 20.3 30.5



#77
Benzidine
Concen: 4.143 ng
RT: 12.916 min Scan# 1841
Delta R.T. 0.248 min
Lab File: BF137324.D
Acq: 07 Feb 2024 17:07

Tgt Ion:184 Resp: 9847
Ion Ratio Lower Upper
184 100
185 17.2 11.9 17.9
183 6.4 8.8 13.2#

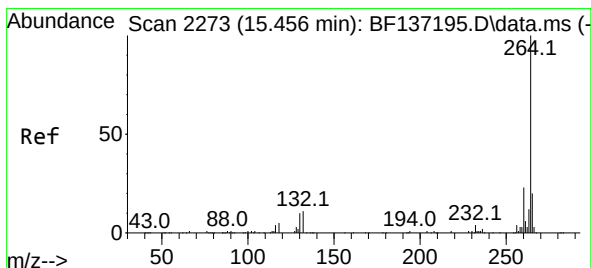
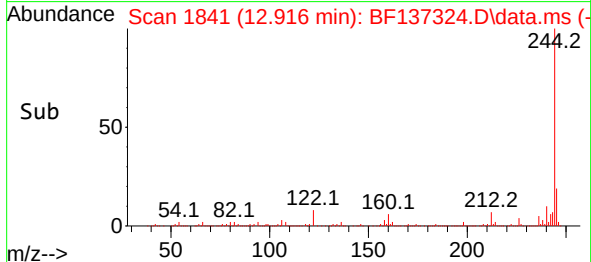
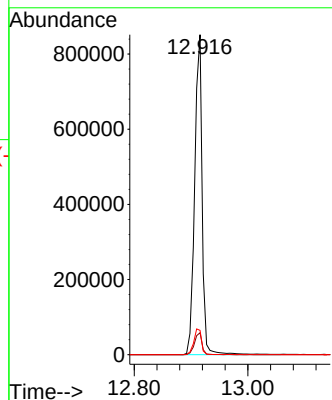
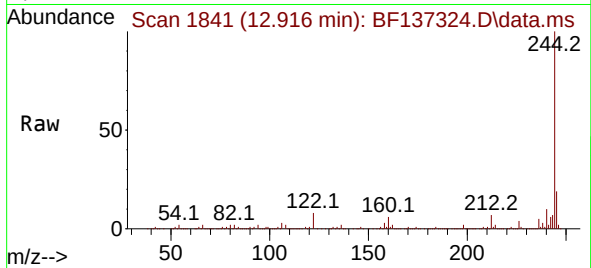




#79
 Terphenyl-d14
 Concen: 80.087 ng
 RT: 12.916 min Scan# 1841
 Delta R.T. -0.006 min
 Lab File: BF137324.D
 Acq: 07 Feb 2024 17:07

Instrument :
 BNA_F
 ClientSampleId :
 EB-2-6-8

Tgt Ion:244 Resp: 781895
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.5 8.3
 122 7.6 6.2 9.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.445 min Scan# 2271
 Delta R.T. -0.012 min
 Lab File: BF137324.D
 Acq: 07 Feb 2024 17:07

Tgt Ion:264 Resp: 120434
 Ion Ratio Lower Upper
 264 100
 260 22.8 18.2 27.4
 265 20.3 16.2 24.2

