

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020624\
 Data File : BF137306.D
 Acq On : 06 Feb 2024 22:18
 Operator : CG\JU
 Sample : P1337-15
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-5

Quant Time: Feb 07 01:08:08 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)

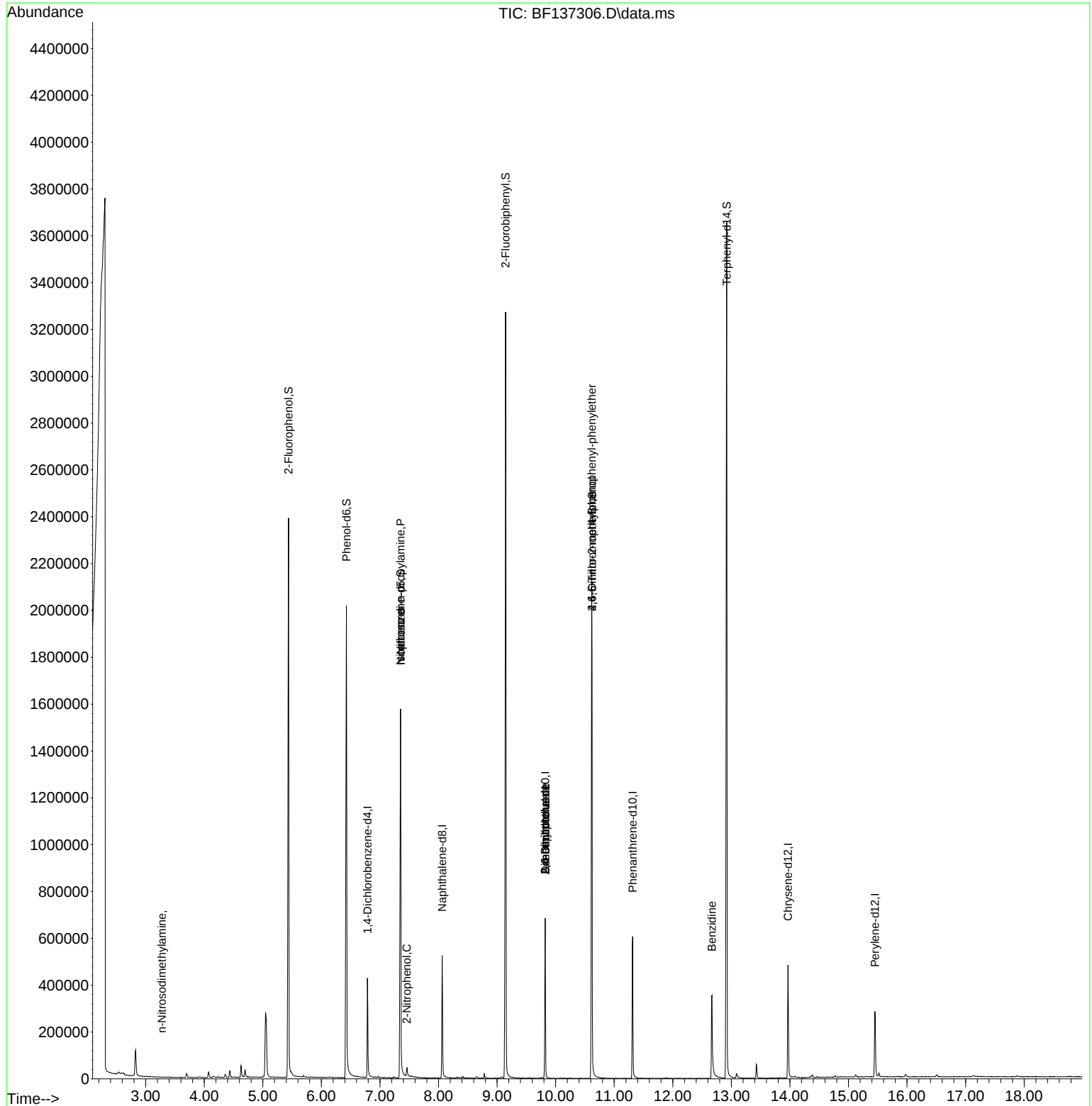
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.787	152	58819	20.000	ng	0.00
21) Naphthalene-d8	8.063	136	228398	20.000	ng	-0.01
39) Acenaphthene-d10	9.822	164	135223	20.000	ng	0.00
64) Phenanthrene-d10	11.316	188	255956	20.000	ng	# 0.00
76) Chrysene-d12	13.968	240	174324	20.000	ng	0.00
86) Perylene-d12	15.451	264	146502	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.440	112	639305	179.348	ng	0.02
7) Phenol-d6	6.428	99	753022	148.027	ng	0.00
23) Nitrobenzene-d5	7.351	82	625859	122.684	ng	0.00
42) 2,4,6-Tribromophenol	10.622	330	286111	187.350	ng	0.00
45) 2-Fluorobiphenyl	9.145	172	1097874	111.609	ng	0.00
79) Terphenyl-d14	12.921	244	1428786	111.422	ng	0.00
Target Compounds						Qvalue
4) n-Nitrosodimethylamine	3.275	42	181	6.141	ng	# 1
19) n-Nitroso-di-n-propyla...	7.351	70	86185	24.709	ng	# 77
25) Isophorone	7.351	82	625855	66.466	ng	# 67
26) 2-Nitrophenol	7.457	139	436	2.666	ng	# 28
50) Dimethylphthalate	9.822	163	24937	2.730	ng	# 1
51) 2,6-Dinitrotoluene	9.822	165	16876	8.663	ng	# 18
57) 2,4-Dinitrotoluene	9.822	165	16876	6.677	ng	# 16
65) 4,6-Dinitro-2-methylph...	10.622	198	591	5.841	ng	# 1
67) 4-Bromophenyl-phenylether	10.616	248	20035	7.119	ng	# 1
77) Benzidine	12.669	184	196318	62.892	ng	97

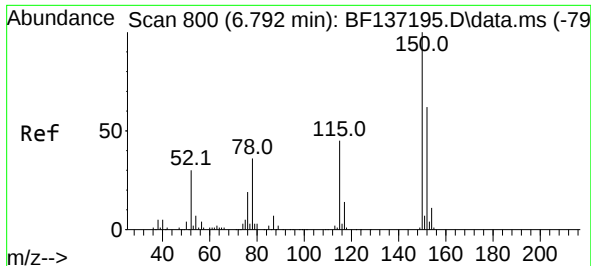
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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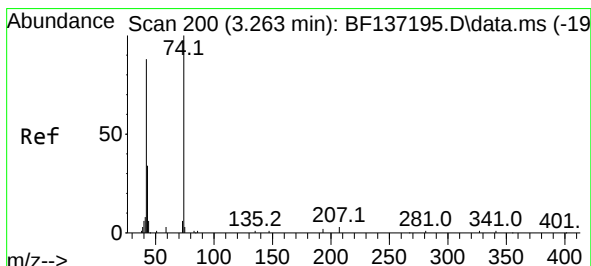
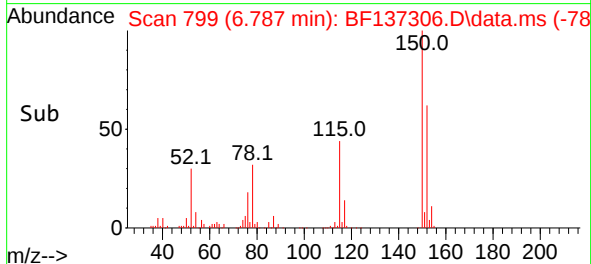
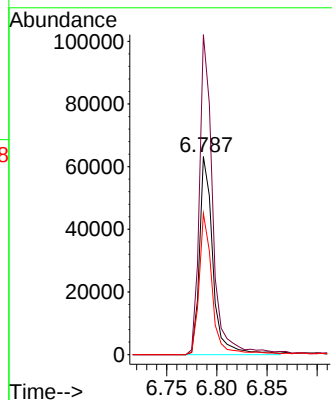
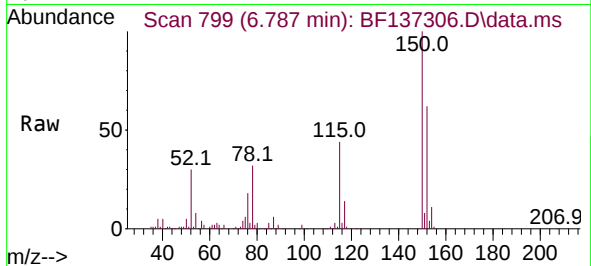




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.787 min Scan# 79
Delta R.T. -0.005 min
Lab File: BF137306.D
Acq: 06 Feb 2024 22:18

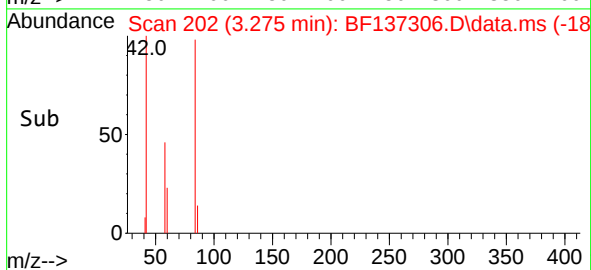
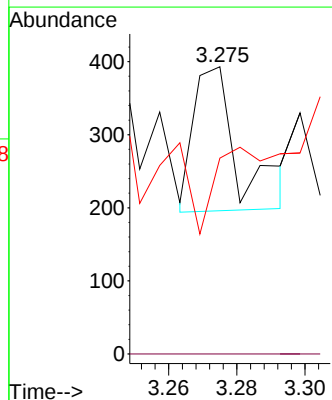
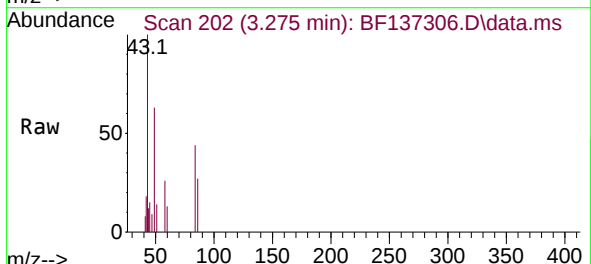
Instrument :
BNA_F
ClientSampleId :
TP-5

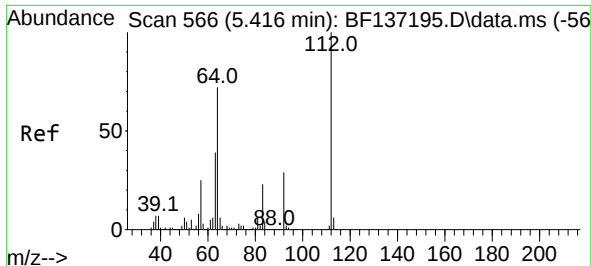
Tgt Ion:152 Resp: 58819
Ion Ratio Lower Upper
152 100
150 161.7 129.8 194.8
115 71.2 58.5 87.7



#4
n-Nitrosodimethylamine
Concen: 6.141 ng
RT: 3.275 min Scan# 202
Delta R.T. 0.012 min
Lab File: BF137306.D
Acq: 06 Feb 2024 22:18

Tgt Ion: 42 Resp: 181
Ion Ratio Lower Upper
42 100
74 0.0 90.5 135.7#
44 68.2 6.1 9.1#

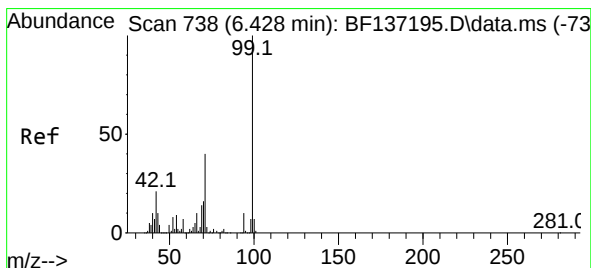
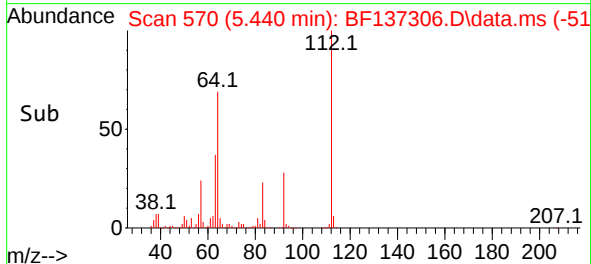
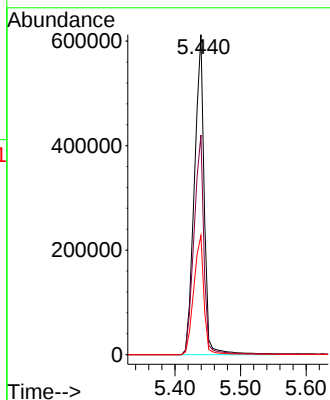
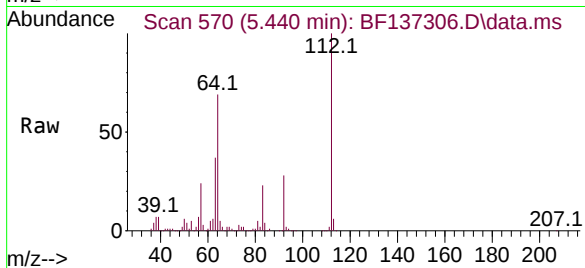




#5
2-Fluorophenol
Concen: 179.348 ng
RT: 5.440 min Scan# 51
Delta R.T. 0.024 min
Lab File: BF137306.D
Acq: 06 Feb 2024 22:18

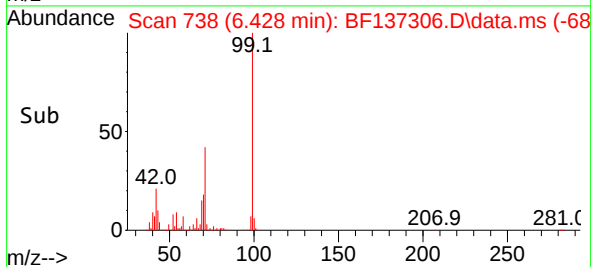
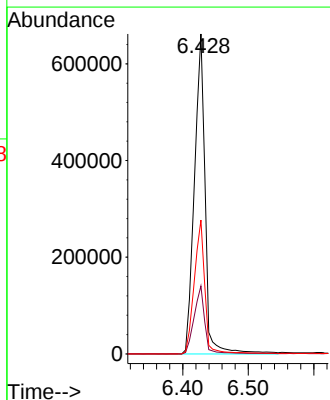
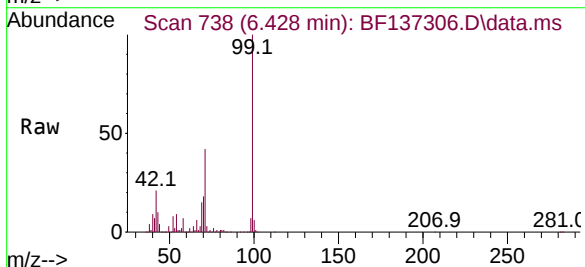
Instrument :
BNA_F
ClientSampleId :
TP-5

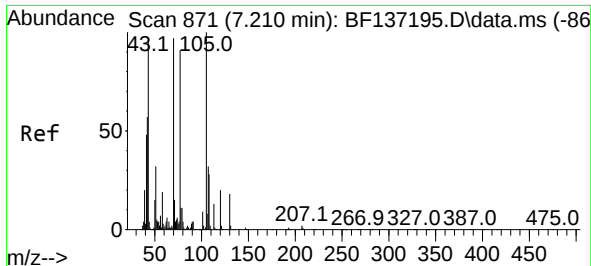
Tgt Ion:112 Resp: 639305
Ion Ratio Lower Upper
112 100
64 68.6 57.8 86.6
63 37.2 31.4 47.0



#7
Phenol-d6
Concen: 148.027 ng
RT: 6.428 min Scan# 738
Delta R.T. 0.000 min
Lab File: BF137306.D
Acq: 06 Feb 2024 22:18

Tgt Ion: 99 Resp: 753022
Ion Ratio Lower Upper
99 100
42 21.2 16.4 24.6
71 41.8 32.4 48.6





#19

n-Nitroso-di-n-propylamine

Concen: 24.709 ng

RT: 7.351 min Scan# 89

Delta R.T. 0.141 min

Lab File: BF137306.D

Acq: 06 Feb 2024 22:18

Instrument :

BNA_F

ClientSampleId :

TP-5

Tgt Ion: 70 Resp: 86185

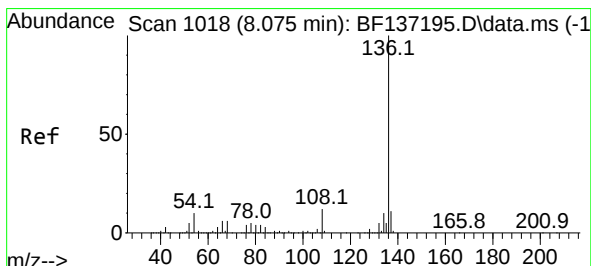
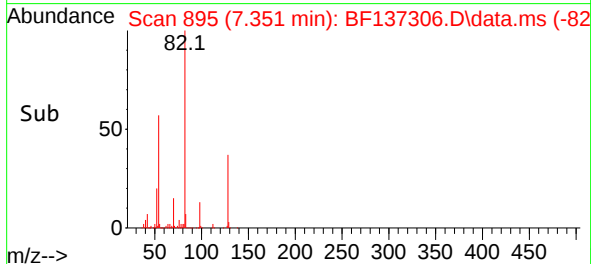
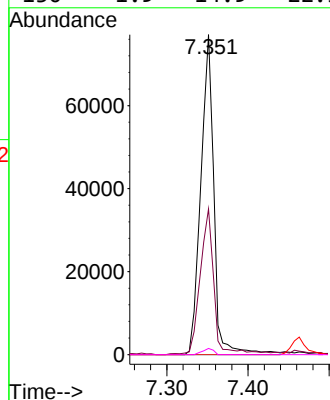
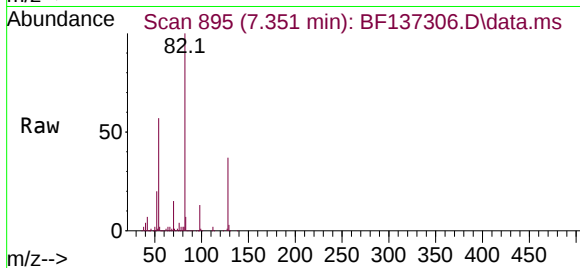
Ion Ratio Lower Upper

70 100

42 45.5 47.2 70.8#

101 0.0 7.4 11.0#

130 1.9 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: BF137306.D

Acq: 06 Feb 2024 22:18

Tgt Ion:136 Resp: 228398

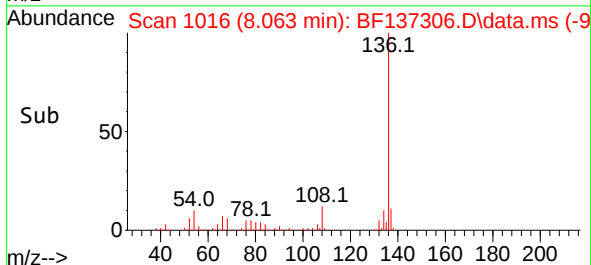
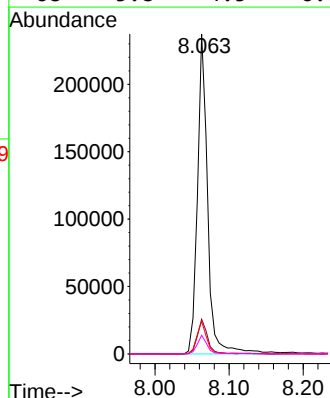
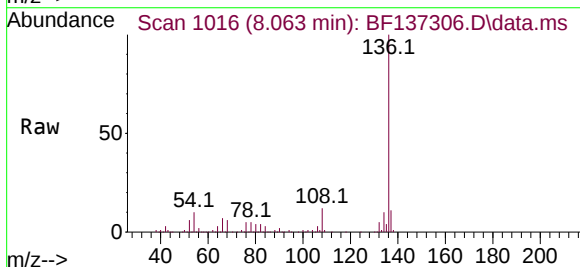
Ion Ratio Lower Upper

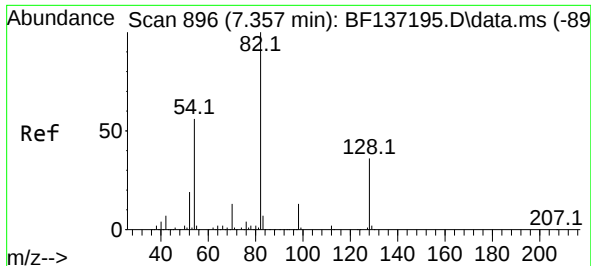
136 100

137 10.8 8.9 13.3

54 10.2 7.8 11.8

68 5.8 4.5 6.7

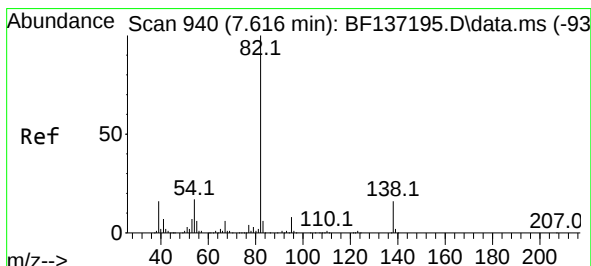
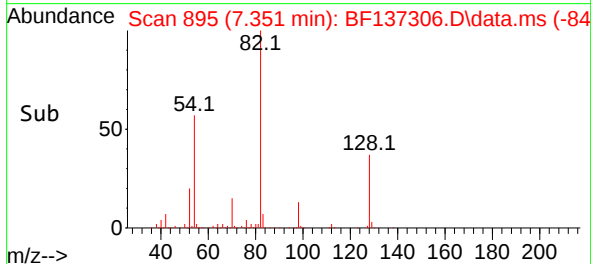
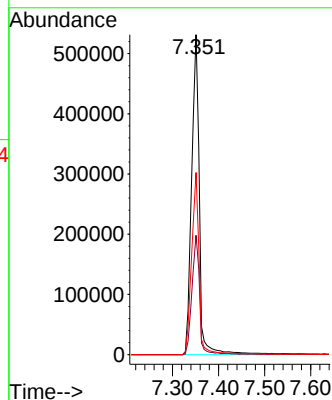
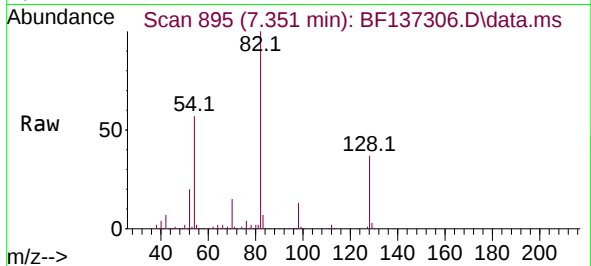




#23
Nitrobenzene-d5
Concen: 122.684 ng
RT: 7.351 min Scan# 895
Delta R.T. -0.006 min
Lab File: BF137306.D
Acq: 06 Feb 2024 22:18

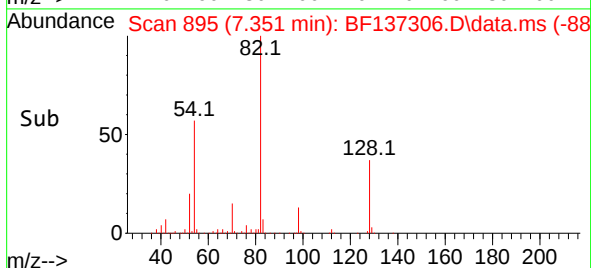
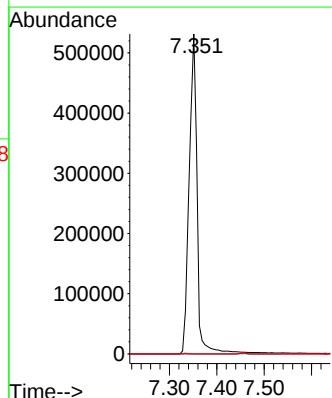
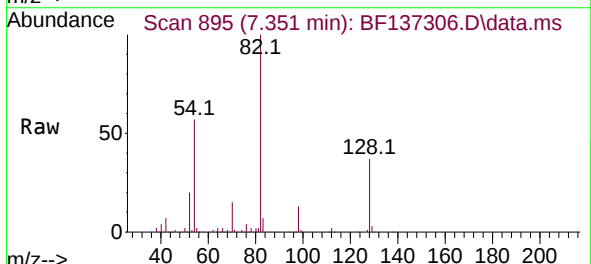
Instrument :
BNA_F
ClientSampleId :
TP-5

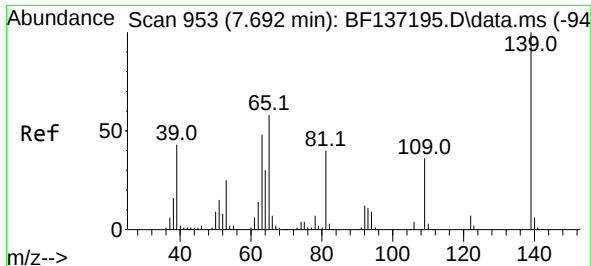
Tgt Ion: 82 Resp: 625859
Ion Ratio Lower Upper
82 100
128 37.3 29.1 43.7
54 56.9 45.0 67.6



#25
Isophorone
Concen: 66.466 ng
RT: 7.351 min Scan# 895
Delta R.T. -0.265 min
Lab File: BF137306.D
Acq: 06 Feb 2024 22:18

Tgt Ion: 82 Resp: 625855
Ion Ratio Lower Upper
82 100
95 0.0 6.4 9.6#
138 0.0 12.7 19.1#

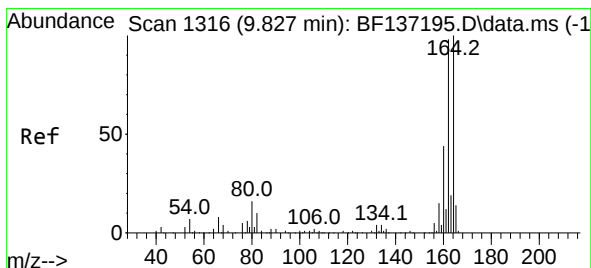
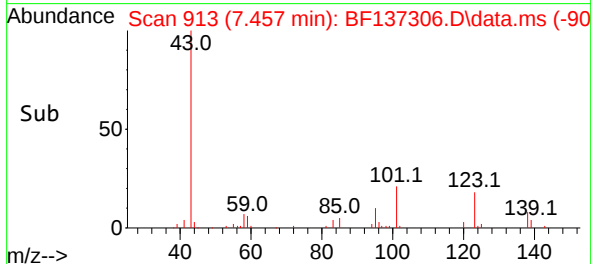
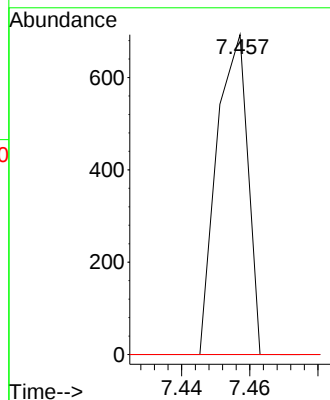
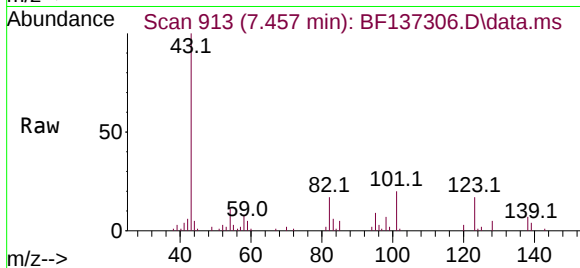




#26
2-Nitrophenol
Concen: 2.666 ng
RT: 7.457 min Scan# 91
Delta R.T. -0.235 min
Lab File: BF137306.D
Acq: 06 Feb 2024 22:18

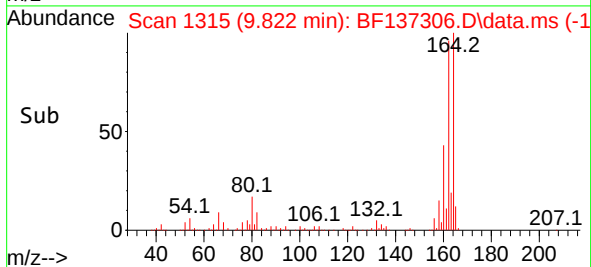
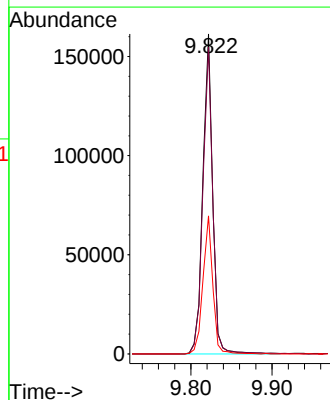
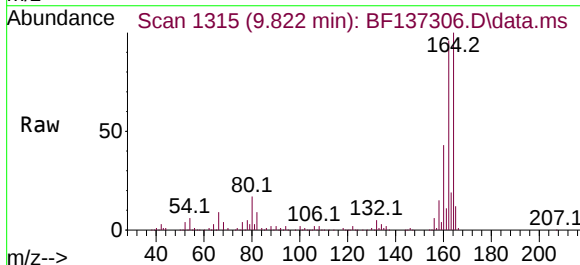
Instrument :
BNA_F
ClientSampleId :
TP-5

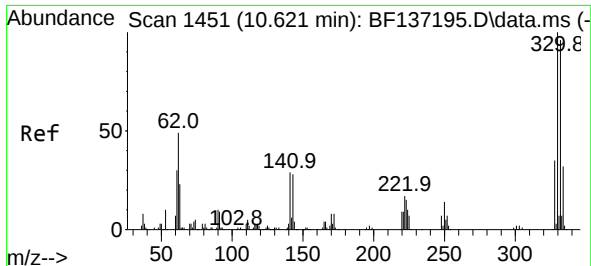
Tgt Ion:139 Resp: 436
Ion Ratio Lower Upper
139 100
109 0.0 28.5 42.7#
65 0.0 46.7 70.1#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.822 min Scan# 1315
Delta R.T. -0.005 min
Lab File: BF137306.D
Acq: 06 Feb 2024 22:18

Tgt Ion:164 Resp: 135223
Ion Ratio Lower Upper
164 100
162 95.8 78.3 117.5
160 43.1 35.4 53.2





#42

2,4,6-Tribromophenol

Concen: 187.350 ng

RT: 10.622 min Scan# 1451

Delta R.T. 0.000 min

Lab File: BF137306.D

Acq: 06 Feb 2024 22:18

Instrument :

BNA_F

ClientSampleId :

TP-5

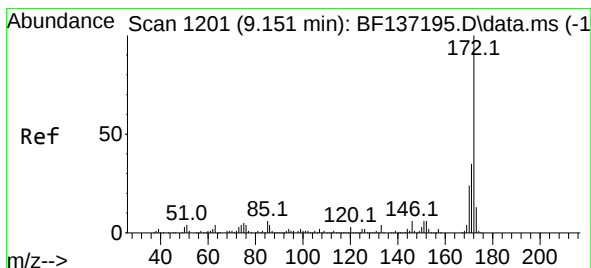
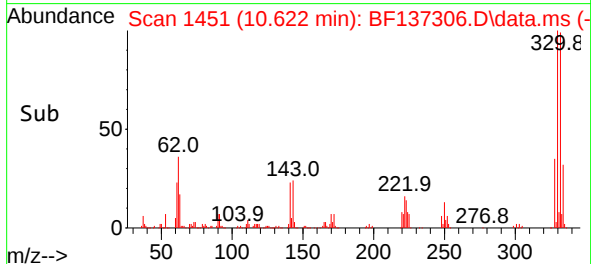
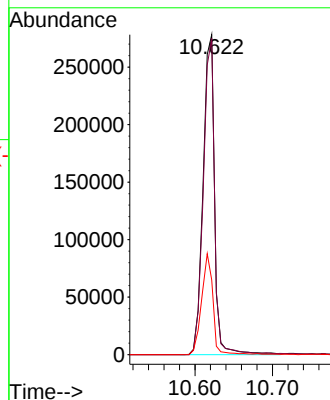
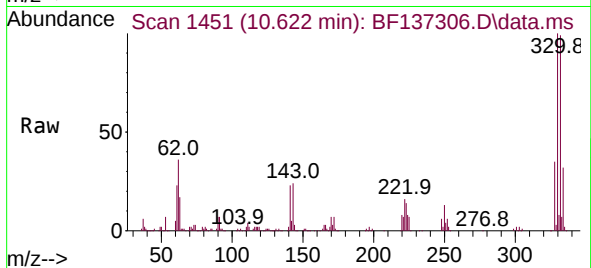
Tgt Ion:330 Resp: 286111

Ion Ratio Lower Upper

330 100

332 96.6 77.3 115.9

141 31.1 25.2 37.8



#45

2-Fluorobiphenyl

Concen: 111.609 ng

RT: 9.145 min Scan# 1200

Delta R.T. -0.006 min

Lab File: BF137306.D

Acq: 06 Feb 2024 22:18

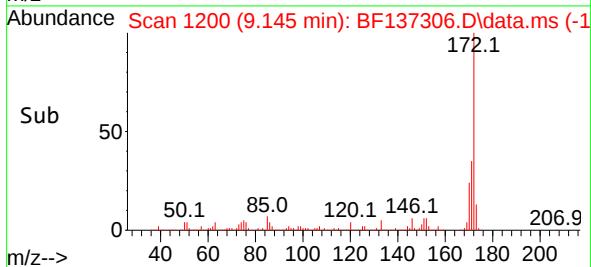
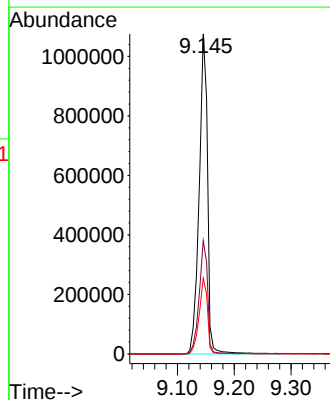
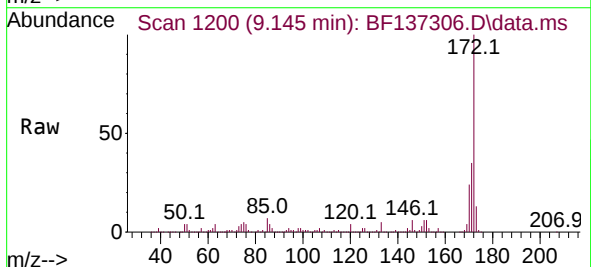
Tgt Ion:172 Resp: 1097874

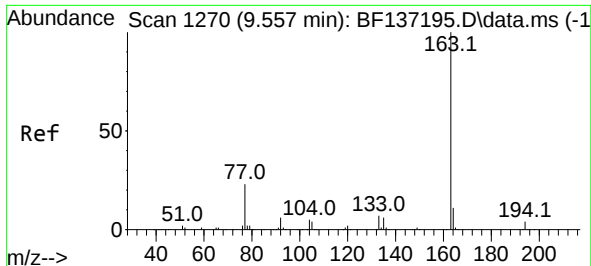
Ion Ratio Lower Upper

172 100

171 35.4 28.3 42.5

170 23.7 19.1 28.7

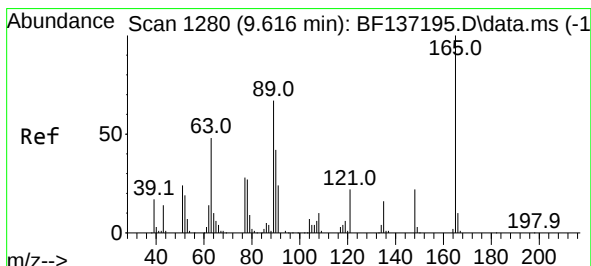
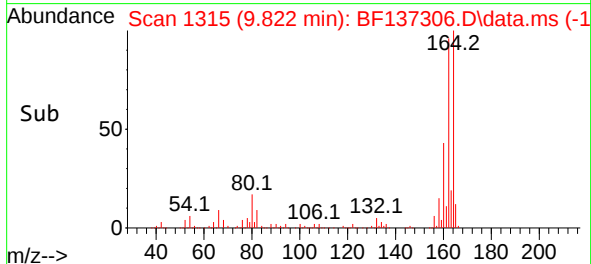
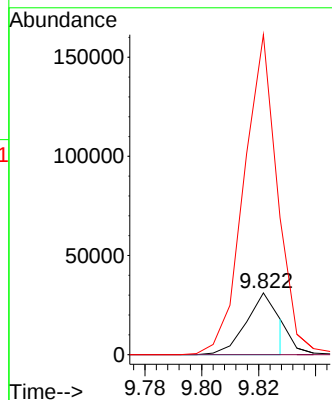
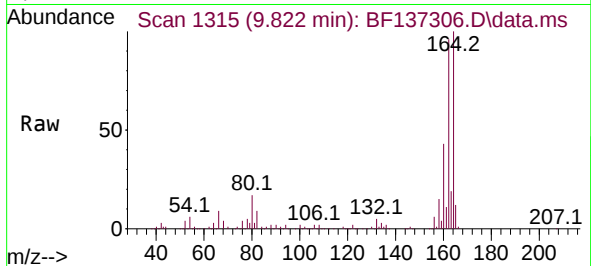




#50
Dimethylphthalate
Concen: 2.730 ng
RT: 9.822 min Scan# 1315
Delta R.T. 0.265 min
Lab File: BF137306.D
Acq: 06 Feb 2024 22:18

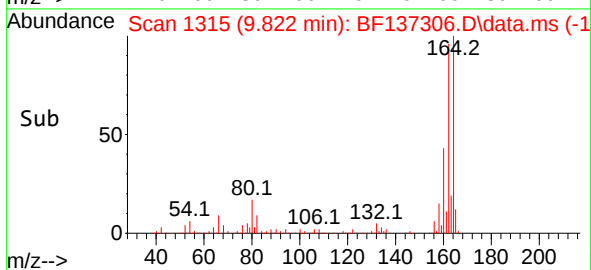
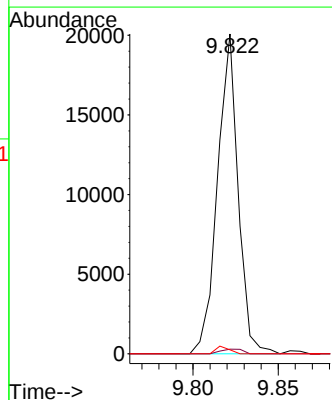
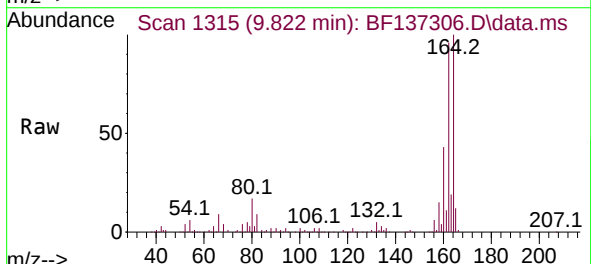
Instrument :
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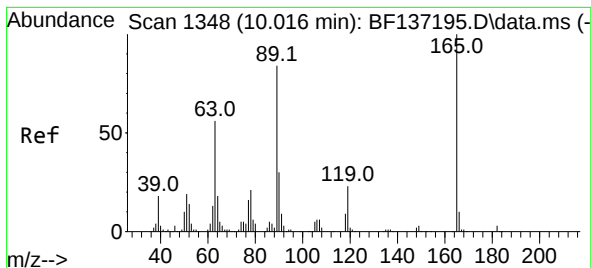
Tgt Ion:163 Resp: 24937
Ion Ratio Lower Upper
163 100
194 0.0 3.3 4.9#
164 518.9 8.6 13.0#



#51
2,6-Dinitrotoluene
Concen: 8.663 ng
RT: 9.822 min Scan# 1315
Delta R.T. 0.206 min
Lab File: BF137306.D
Acq: 06 Feb 2024 22:18

Tgt Ion:165 Resp: 16876
Ion Ratio Lower Upper
165 100
63 1.5 55.1 82.7#
89 1.3 53.5 80.3#

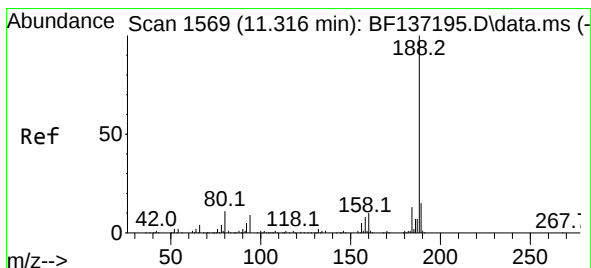
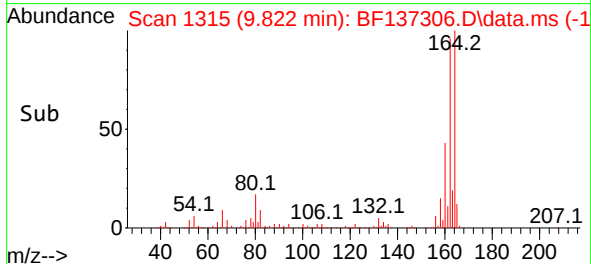
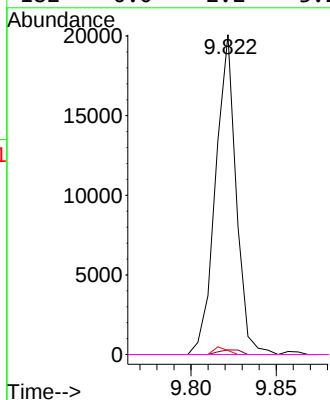
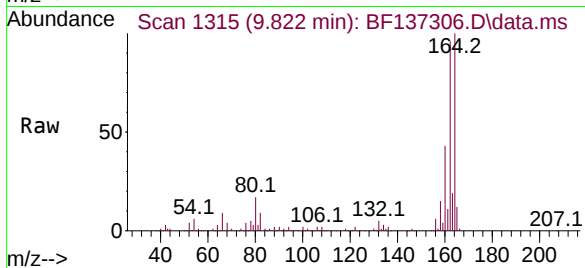




#57
2,4-Dinitrotoluene
Concen: 6.677 ng
RT: 9.822 min Scan# 1348
Delta R.T. -0.194 min
Lab File: BF137306.D
Acq: 06 Feb 2024 22:18

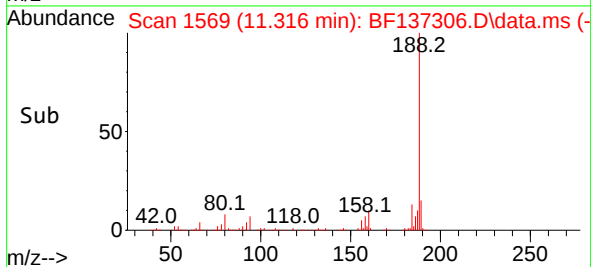
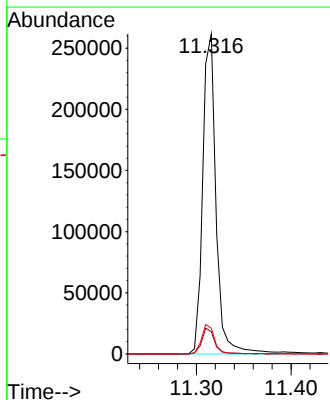
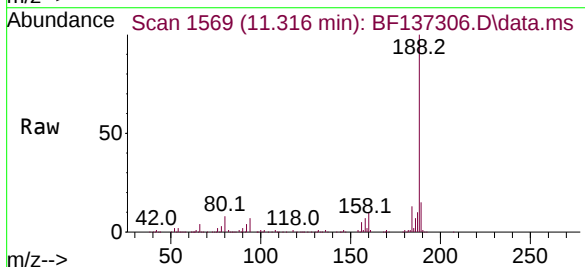
Instrument :
BNA_F
ClientSampleId :
TP-5

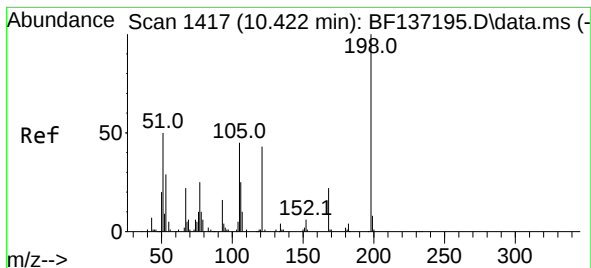
Tgt Ion:165 Resp: 16876
Ion Ratio Lower Upper
165 100
63 1.5 46.1 69.1#
89 1.3 67.5 101.3#
182 0.0 2.2 3.2#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.316 min Scan# 1569
Delta R.T. -0.000 min
Lab File: BF137306.D
Acq: 06 Feb 2024 22:18

Tgt Ion:188 Resp: 255956
Ion Ratio Lower Upper
188 100
94 6.9 7.0 10.4#
80 8.0 8.8 13.2#

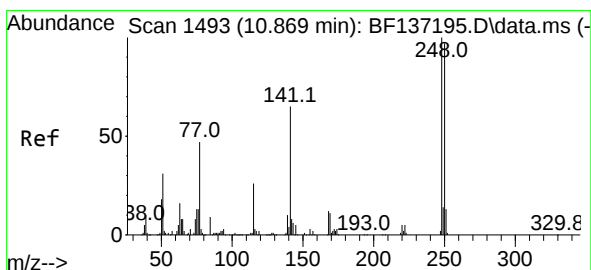
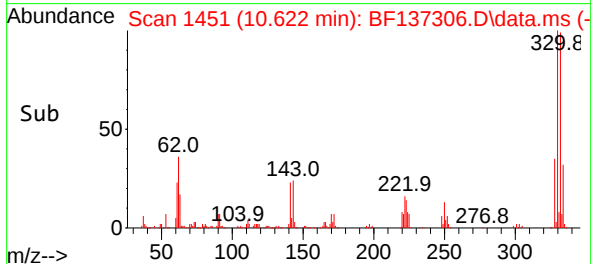
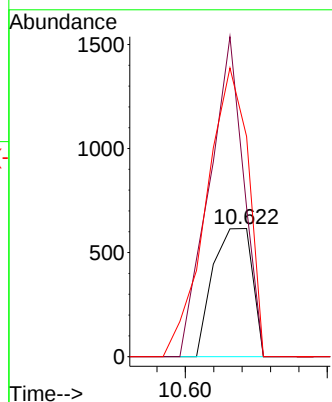
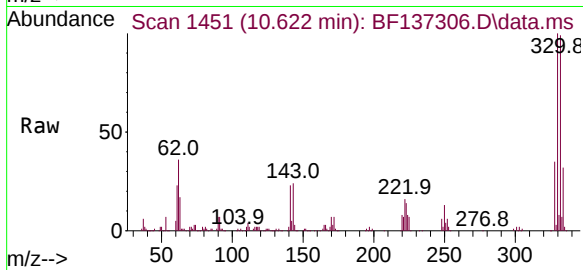




#65
4,6-Dinitro-2-methylphenol
Concen: 5.841 ng
RT: 10.622 min Scan# 1417
Delta R.T. 0.200 min
Lab File: BF137306.D
Acq: 06 Feb 2024 22:18

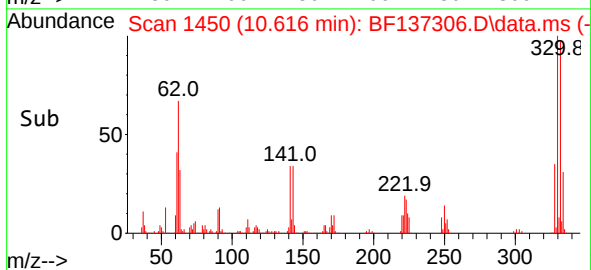
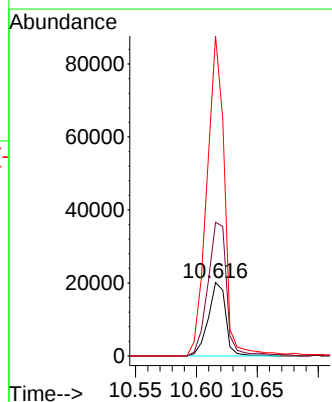
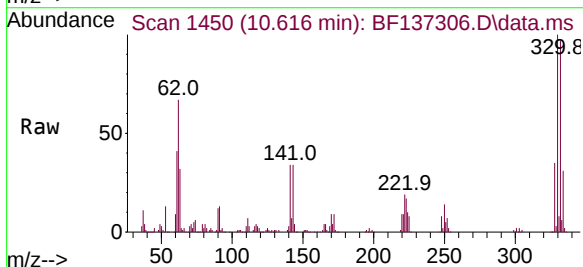
Instrument :
BNA_F
ClientSampleId :
TP-5

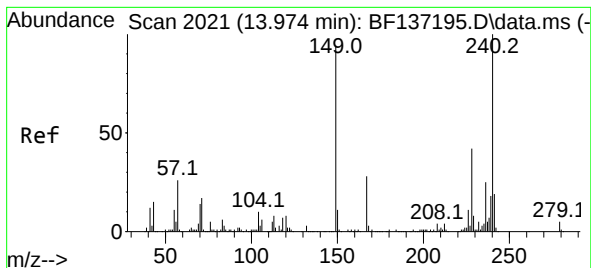
Tgt Ion	Ratio	Lower	Upper
198	100		
51	116.4	40.9	80.9#
105	171.8	26.5	66.5#



#67
4-Bromophenyl-phenylether
Concen: 7.119 ng
RT: 10.616 min Scan# 1450
Delta R.T. -0.253 min
Lab File: BF137306.D
Acq: 06 Feb 2024 22:18

Tgt Ion	Ratio	Lower	Upper
248	100		
250	182.0	77.7	116.5#
141	435.8	51.6	77.4#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.968 min Scan# 20

Delta R.T. -0.006 min

Lab File: BF137306.D

Acq: 06 Feb 2024 22:18

Instrument :

BNA_F

ClientSampleId :

TP-5

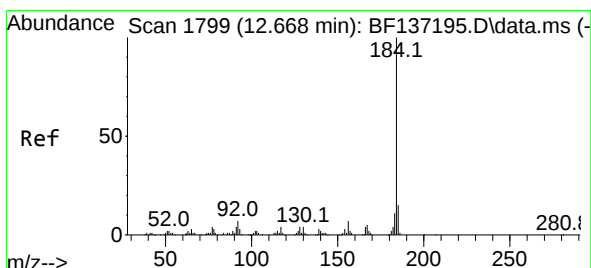
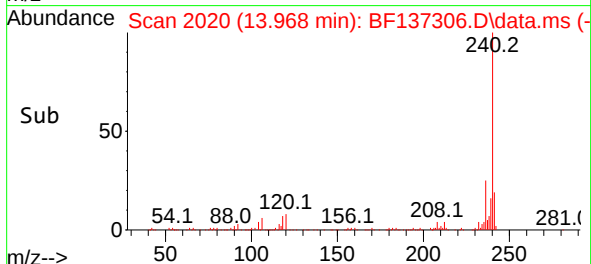
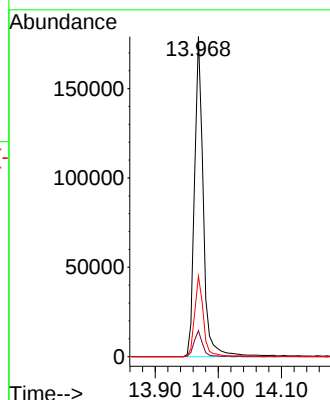
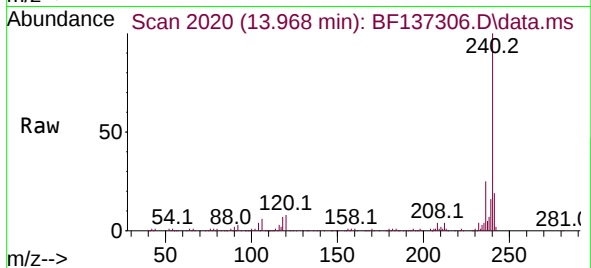
Tgt Ion:240 Resp: 174324

Ion Ratio Lower Upper

240 100

120 8.1 6.3 9.5

236 25.2 20.3 30.5



#77

Benzidine

Concen: 62.892 ng

RT: 12.669 min Scan# 1799

Delta R.T. 0.001 min

Lab File: BF137306.D

Acq: 06 Feb 2024 22:18

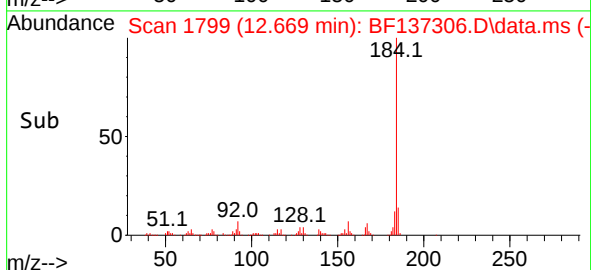
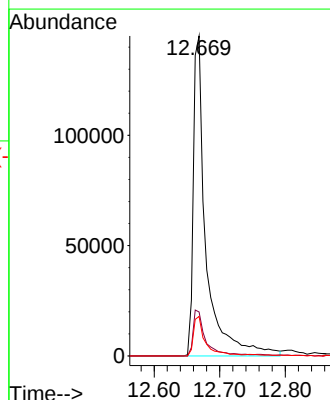
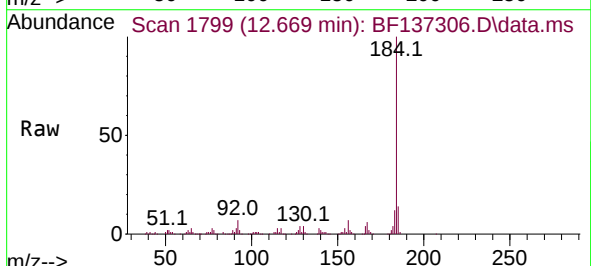
Tgt Ion:184 Resp: 196318

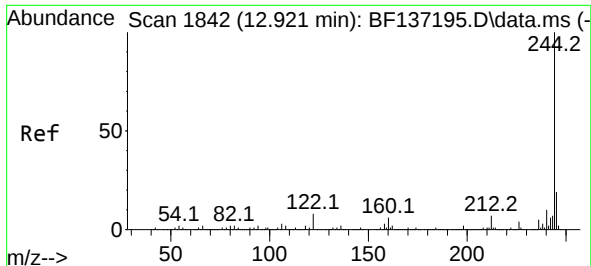
Ion Ratio Lower Upper

184 100

185 13.7 11.9 17.9

183 12.3 8.8 13.2

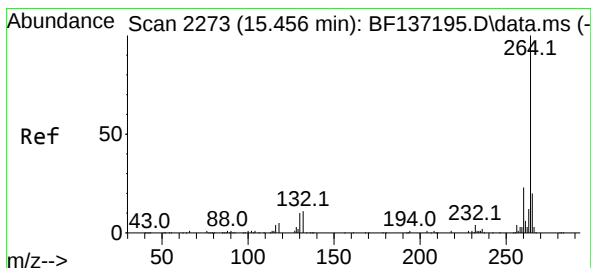
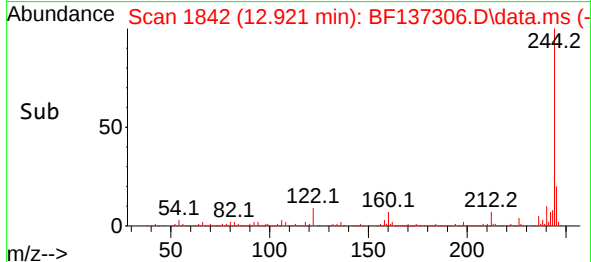
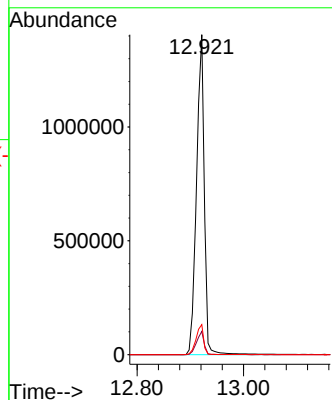
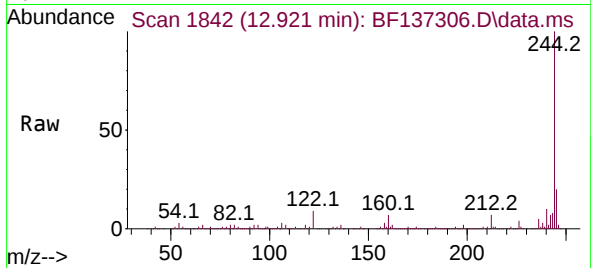




#79
 Terphenyl-d14
 Concen: 111.422 ng
 RT: 12.921 min Scan# 1842
 Delta R.T. 0.000 min
 Lab File: BF137306.D
 Acq: 06 Feb 2024 22:18

Instrument :
 BNA_F
 ClientSampleId :
 TP-5

Tgt Ion:244 Resp: 1428786
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.5 8.3
 122 9.4 6.2 9.4#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.451 min Scan# 2272
 Delta R.T. -0.006 min
 Lab File: BF137306.D
 Acq: 06 Feb 2024 22:18

Tgt Ion:264 Resp: 146502
 Ion Ratio Lower Upper
 264 100
 260 22.9 18.2 27.4
 265 22.1 16.2 24.2

