

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020624\
 Data File : BF137307.D
 Acq On : 06 Feb 2024 22:48
 Operator : CG\JU
 Sample : P1337-19
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-6

Quant Time: Feb 07 01:08:31 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)

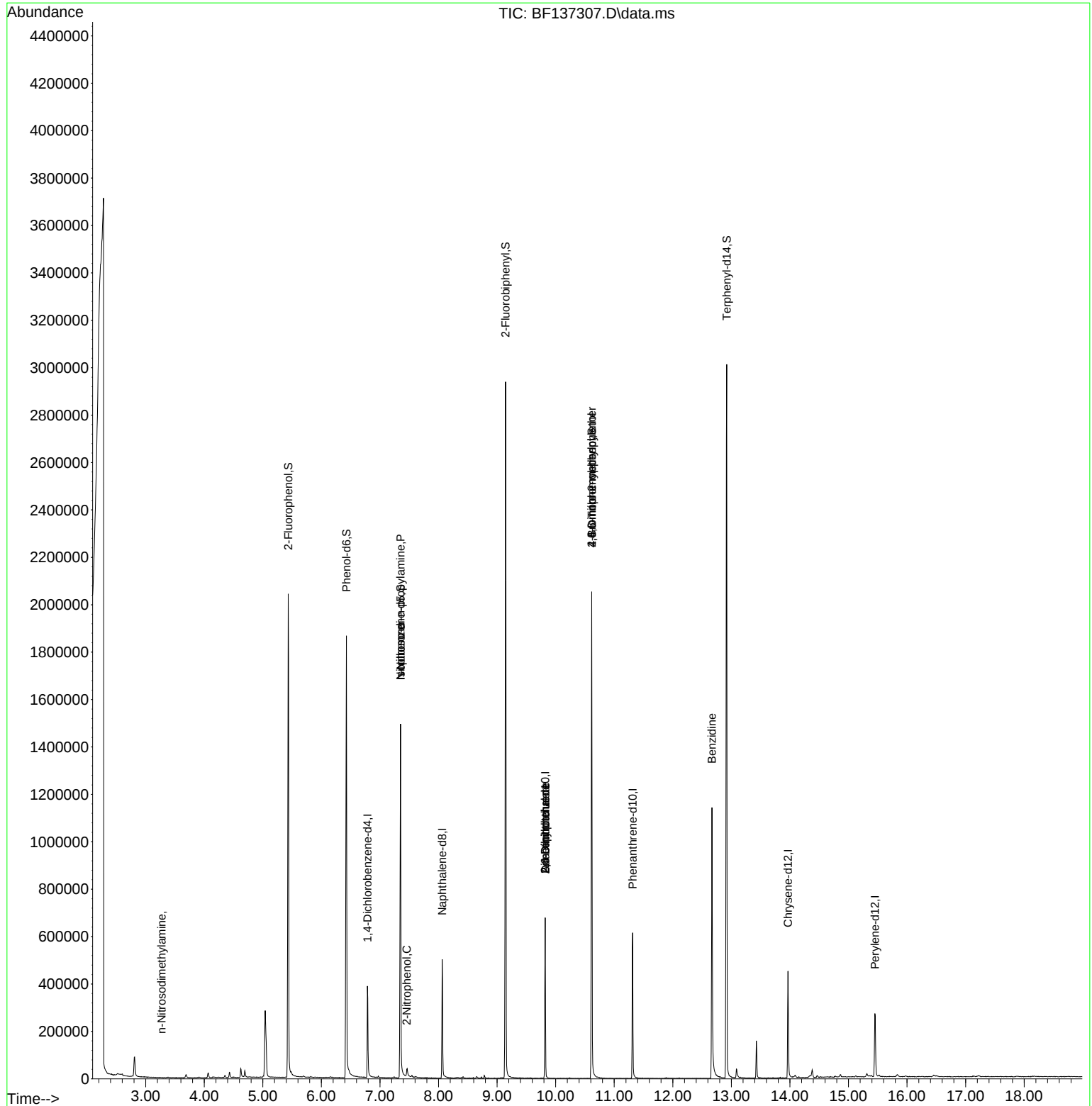
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.786	152	58091	20.000	ng	0.00
21) Naphthalene-d8	8.063	136	220808	20.000	ng	-0.01
39) Acenaphthene-d10	9.822	164	132803	20.000	ng	0.00
64) Phenanthrene-d10	11.316	188	245964	20.000	ng	# 0.00
76) Chrysene-d12	13.968	240	165135	20.000	ng	0.00
86) Perylene-d12	15.451	264	144278	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.434	112	561093	159.379	ng	0.02
7) Phenol-d6	6.428	99	660745	131.515	ng	0.00
23) Nitrobenzene-d5	7.351	82	531257	107.719	ng	0.00
42) 2,4,6-Tribromophenol	10.616	330	245648	163.786	ng	0.00
45) 2-Fluorobiphenyl	9.145	172	960249	99.397	ng	0.00
79) Terphenyl-d14	12.921	244	1192804	98.195	ng	0.00
Target Compounds						Qvalue
4) n-Nitrosodimethylamine	3.269	42	232	6.165	ng	# 1
19) n-Nitroso-di-n-propyla...	7.351	70	73207	21.252	ng	# 79
25) Isophorone	7.351	82	531253	58.358	ng	# 67
26) 2-Nitrophenol	7.457	139	286	2.596	ng	# 28
50) Dimethylphthalate	9.822	163	23771	2.650	ng	# 1
51) 2,6-Dinitrotoluene	9.822	165	16807	8.785	ng	# 17
57) 2,4-Dinitrotoluene	9.822	165	16807	6.771	ng	# 16
65) 4,6-Dinitro-2-methylph...	10.616	198	571	5.843	ng	# 1
67) 4-Bromophenyl-phenylether	10.616	248	16317	6.033	ng	# 1
77) Benzidine	12.668	184	473630	160.173	ng	98

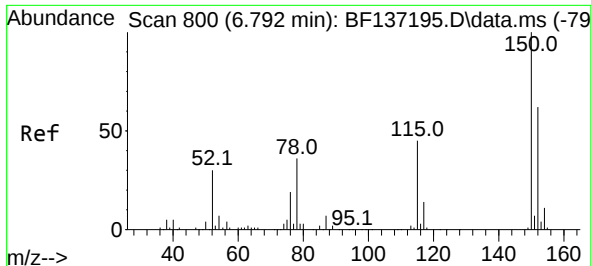
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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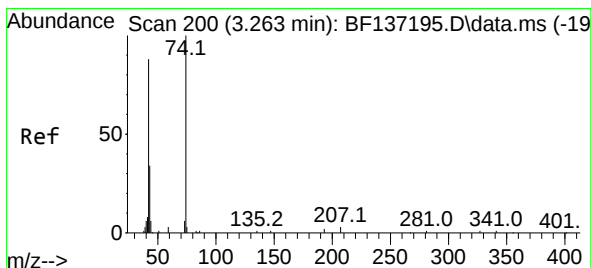
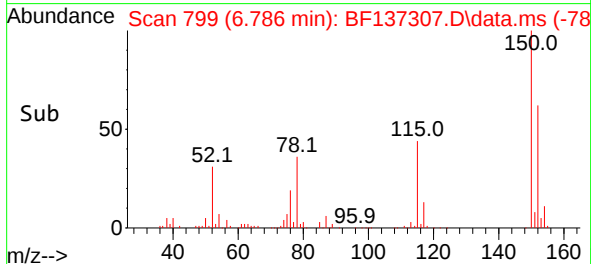
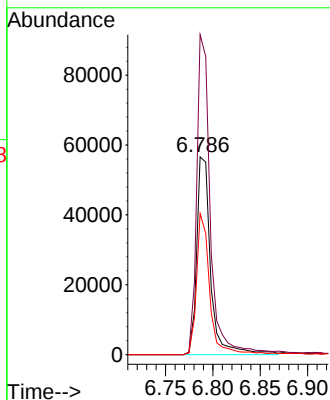
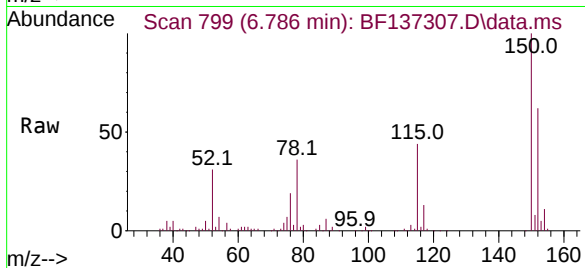




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.786 min Scan# 79
Delta R.T. -0.006 min
Lab File: BF137307.D
Acq: 06 Feb 2024 22:48

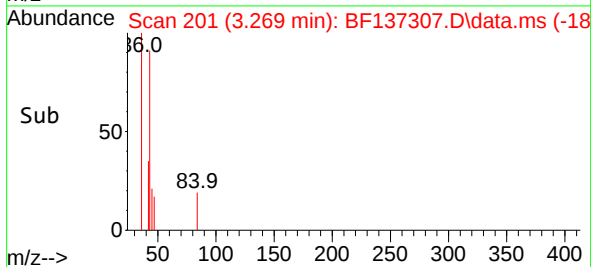
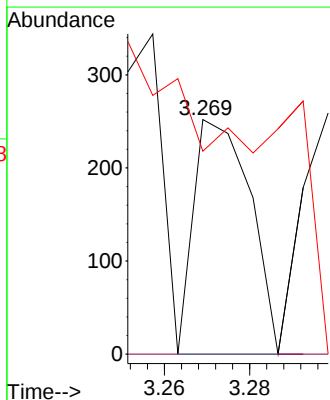
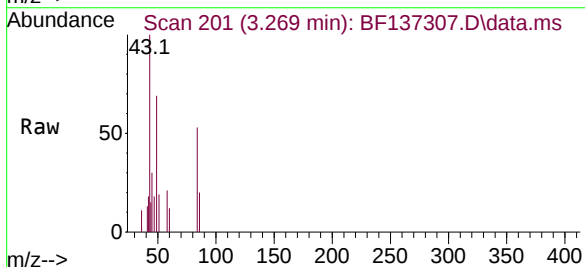
Instrument :
BNA_F
ClientSampleId :
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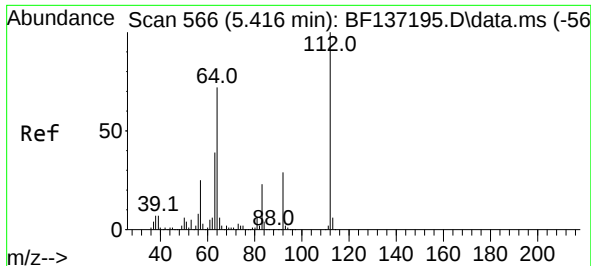
Tgt Ion:152 Resp: 58091
Ion Ratio Lower Upper
152 100
150 161.8 129.8 194.8
115 71.3 58.5 87.7



#4
n-Nitrosodimethylamine
Concen: 6.165 ng
RT: 3.269 min Scan# 201
Delta R.T. 0.006 min
Lab File: BF137307.D
Acq: 06 Feb 2024 22:48

Tgt Ion: 42 Resp: 232
Ion Ratio Lower Upper
42 100
74 0.0 90.5 135.7#
44 86.5 6.1 9.1#

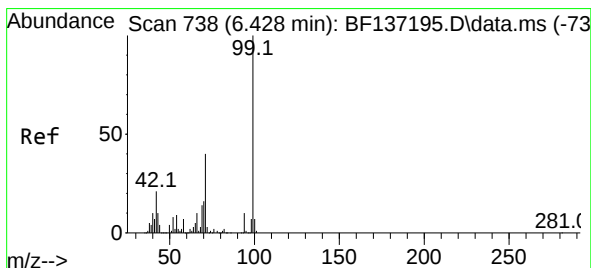
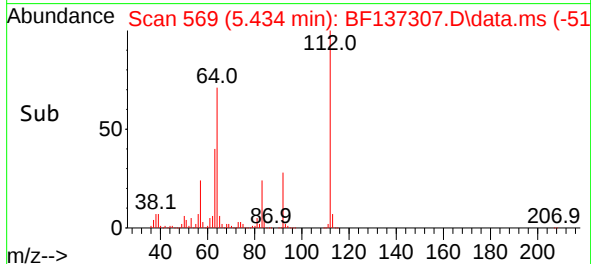
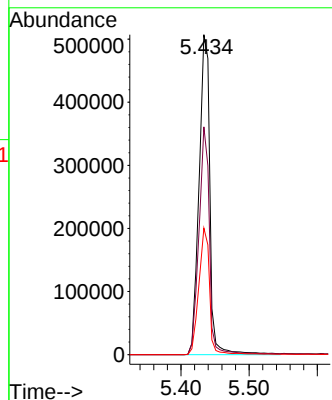
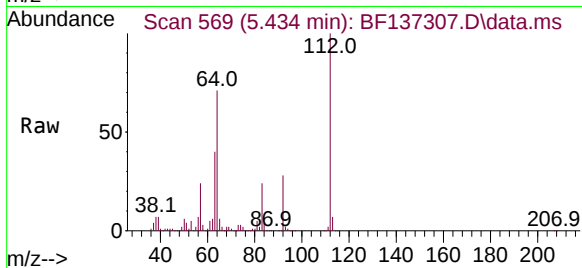




#5
2-Fluorophenol
Concen: 159.379 ng
RT: 5.434 min Scan# 566
Delta R.T. 0.018 min
Lab File: BF137307.D
Acq: 06 Feb 2024 22:48

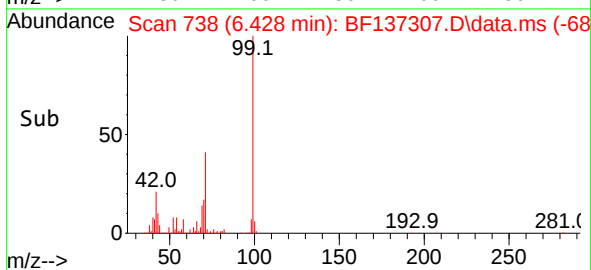
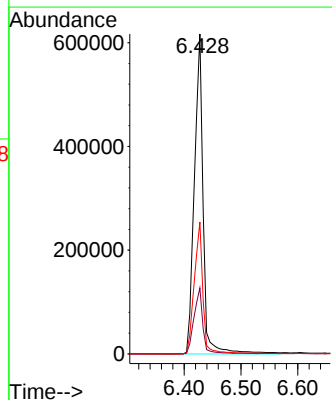
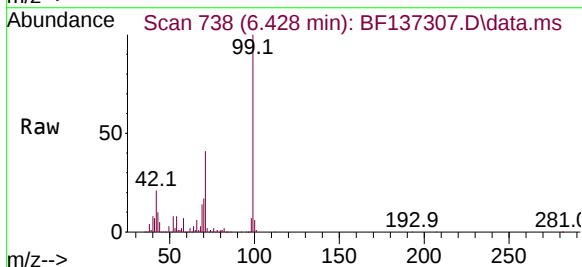
Instrument :
BNA_F
ClientSampleId :
TP-6

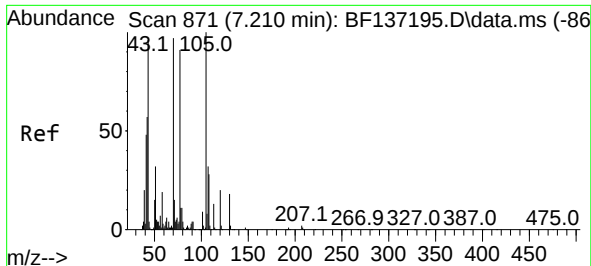
Tgt Ion:112 Resp: 561093
Ion Ratio Lower Upper
112 100
64 71.2 57.8 86.6
63 39.5 31.4 47.0



#7
Phenol-d6
Concen: 131.515 ng
RT: 6.428 min Scan# 738
Delta R.T. -0.000 min
Lab File: BF137307.D
Acq: 06 Feb 2024 22:48

Tgt Ion: 99 Resp: 660745
Ion Ratio Lower Upper
99 100
42 20.6 16.4 24.6
71 41.2 32.4 48.6

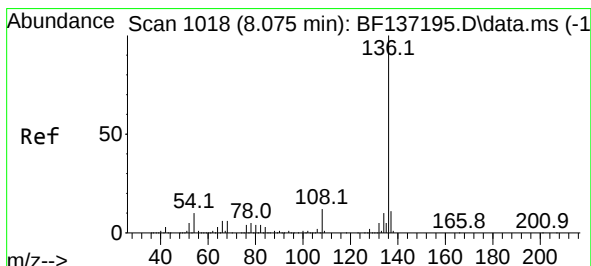
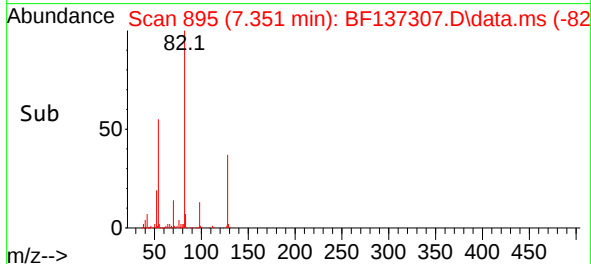
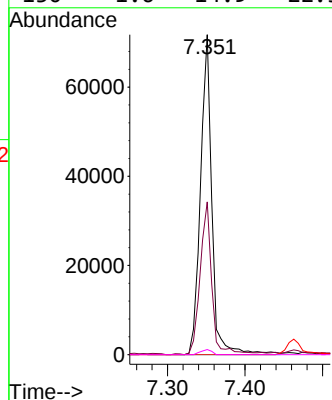
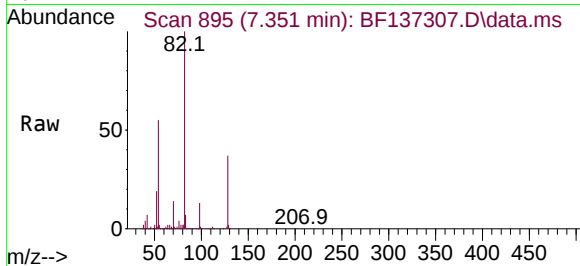




#19
n-Nitroso-di-n-propylamine
Concen: 21.252 ng
RT: 7.351 min Scan# 89
Delta R.T. 0.141 min
Lab File: BF137307.D
Acq: 06 Feb 2024 22:48

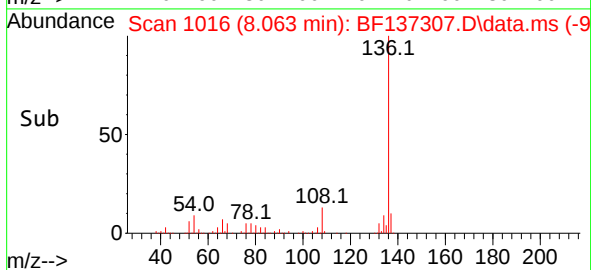
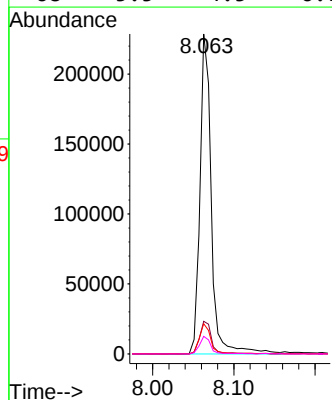
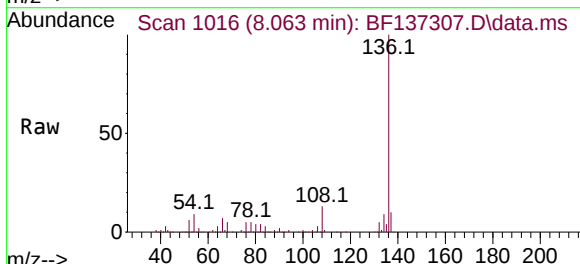
Instrument :
BNA_F
ClientSampleId :
TP-6

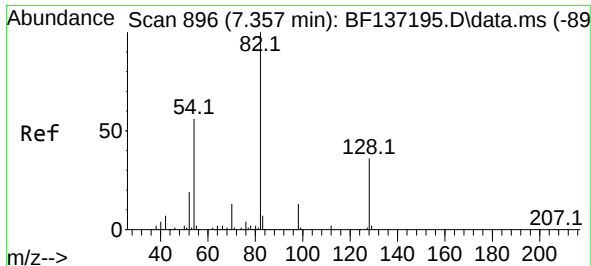
Tgt Ion: 70	Resp: 73207
Ion Ratio	Lower Upper
70 100	
42 47.7	47.2 70.8
101 0.0	7.4 11.0#
130 1.6	14.9 22.3#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.063 min Scan# 1016
Delta R.T. -0.012 min
Lab File: BF137307.D
Acq: 06 Feb 2024 22:48

Tgt Ion: 136	Resp: 220808
Ion Ratio	Lower Upper
136 100	
137 10.2	8.9 13.3
54 9.5	7.8 11.8
68 5.5	4.5 6.7

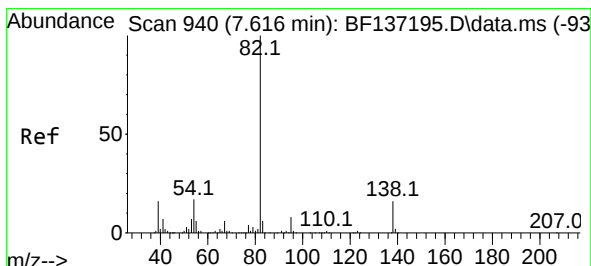
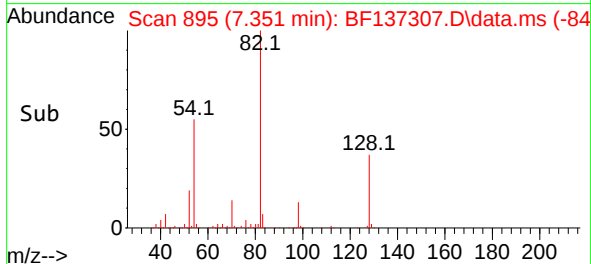
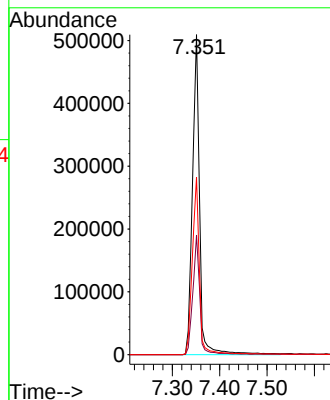
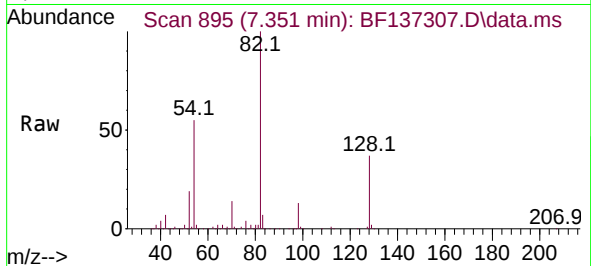




#23
Nitrobenzene-d5
Concen: 107.719 ng
RT: 7.351 min Scan# 895
Delta R.T. -0.006 min
Lab File: BF137307.D
Acq: 06 Feb 2024 22:48

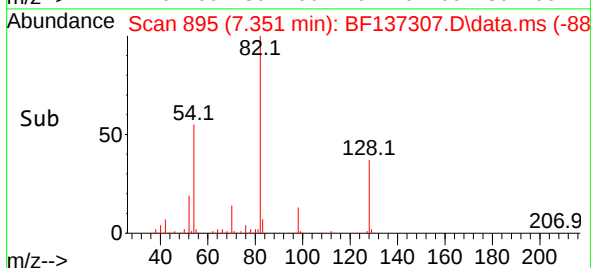
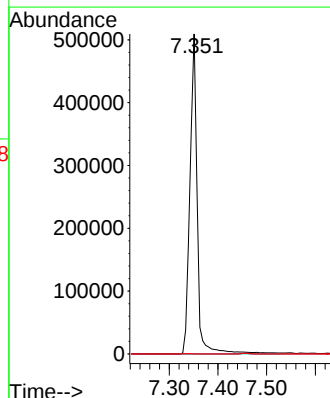
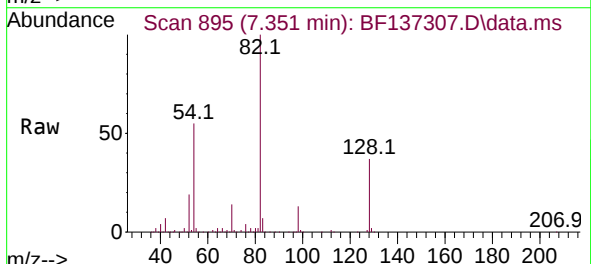
Instrument :
BNA_F
ClientSampleId :
TP-6

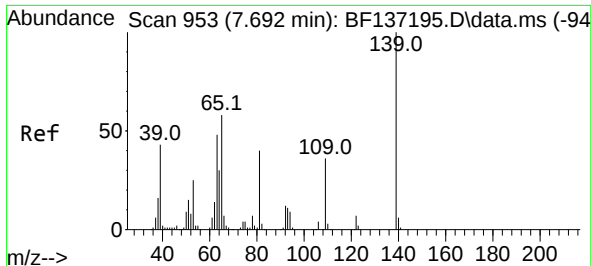
Tgt Ion: 82 Resp: 531257
Ion Ratio Lower Upper
82 100
128 37.4 29.1 43.7
54 55.5 45.0 67.6



#25
Isophorone
Concen: 58.358 ng
RT: 7.351 min Scan# 895
Delta R.T. -0.265 min
Lab File: BF137307.D
Acq: 06 Feb 2024 22:48

Tgt Ion: 82 Resp: 531253
Ion Ratio Lower Upper
82 100
95 0.0 6.4 9.6#
138 0.0 12.7 19.1#

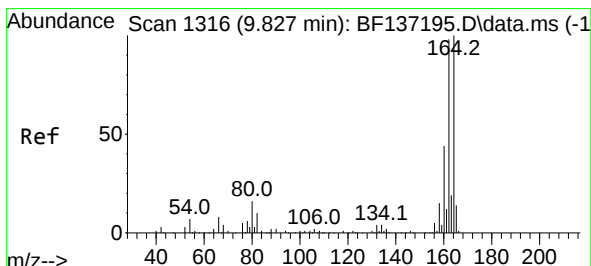
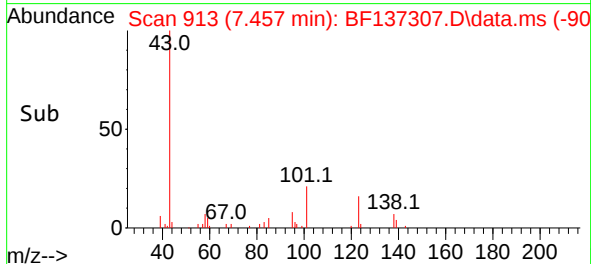
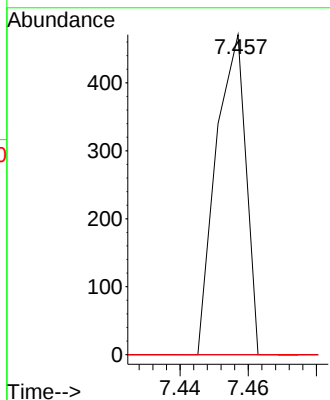
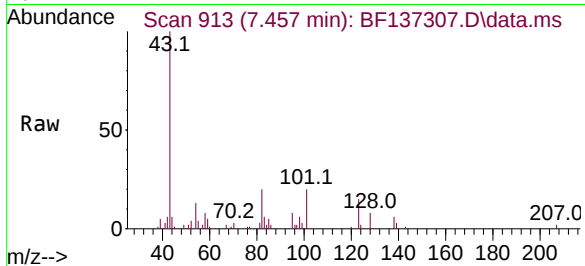




#26
2-Nitrophenol
Concen: 2.596 ng
RT: 7.457 min Scan# 91
Delta R.T. -0.235 min
Lab File: BF137307.D
Acq: 06 Feb 2024 22:48

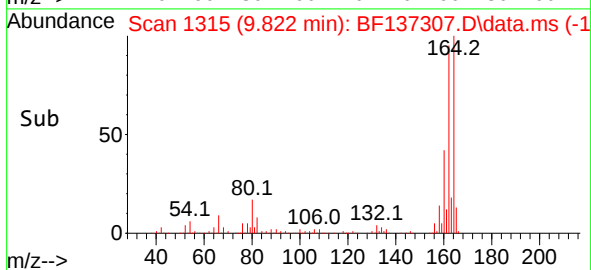
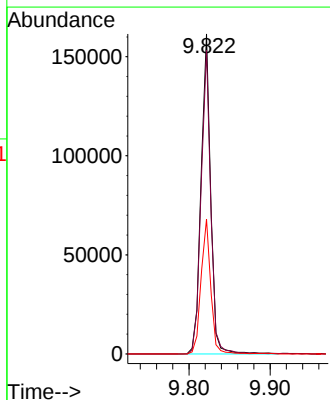
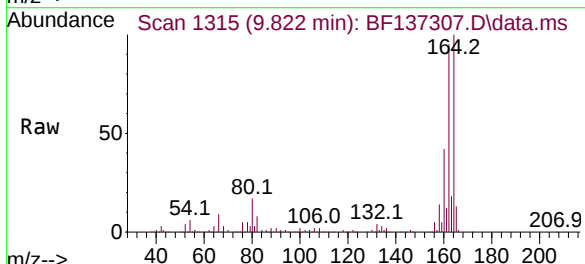
Instrument :
BNA_F
ClientSampleId :
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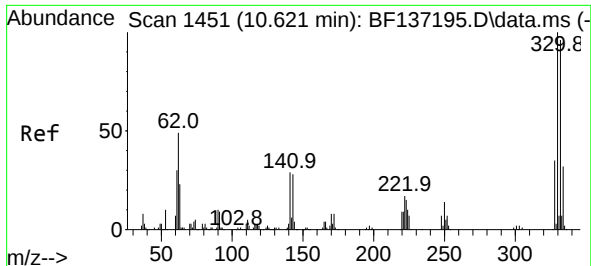
Tgt Ion:139 Resp: 286
Ion Ratio Lower Upper
139 100
109 0.0 28.5 42.7#
65 0.0 46.7 70.1#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.822 min Scan# 1315
Delta R.T. -0.005 min
Lab File: BF137307.D
Acq: 06 Feb 2024 22:48

Tgt Ion:164 Resp: 132803
Ion Ratio Lower Upper
164 100
162 94.8 78.3 117.5
160 42.1 35.4 53.2





#42

2,4,6-Tribromophenol

Concen: 163.786 ng

RT: 10.616 min Scan# 1451

Delta R.T. -0.006 min

Lab File: BF137307.D

Acq: 06 Feb 2024 22:48

Instrument :

BNA_F

ClientSampleId :

TP-6

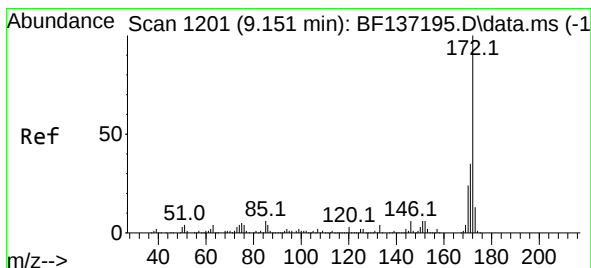
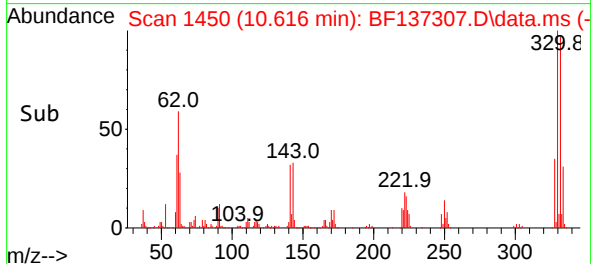
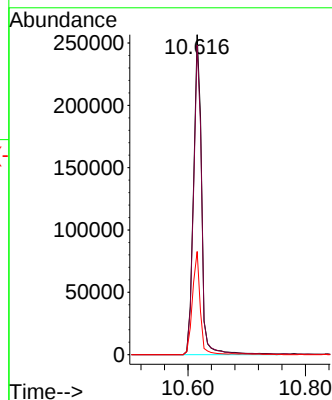
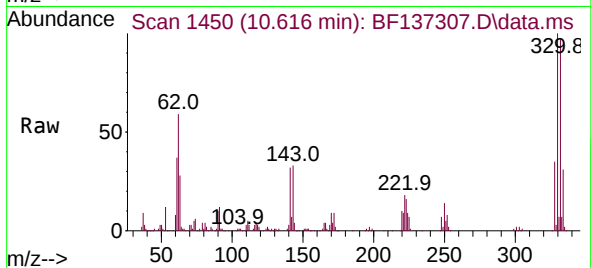
Tgt Ion:330 Resp: 245648

Ion Ratio Lower Upper

330 100

332 96.4 77.3 115.9

141 30.6 25.2 37.8



#45

2-Fluorobiphenyl

Concen: 99.397 ng

RT: 9.145 min Scan# 1200

Delta R.T. -0.006 min

Lab File: BF137307.D

Acq: 06 Feb 2024 22:48

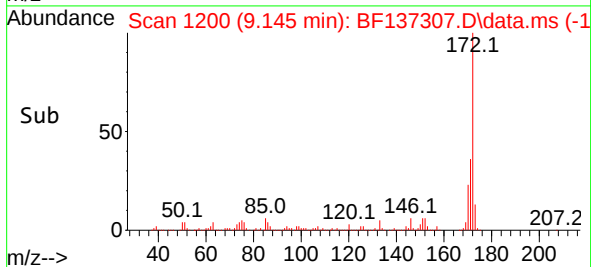
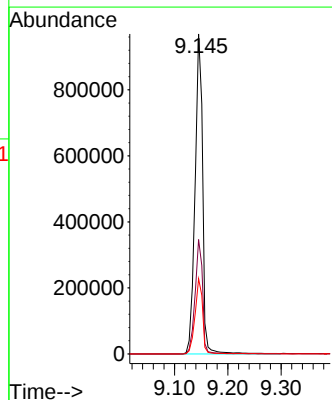
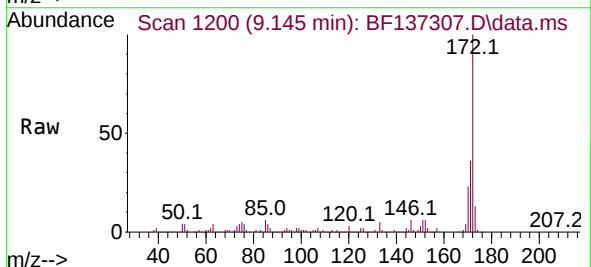
Tgt Ion:172 Resp: 960249

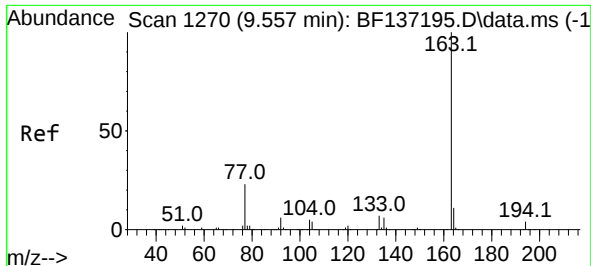
Ion Ratio Lower Upper

172 100

171 35.7 28.3 42.5

170 23.5 19.1 28.7

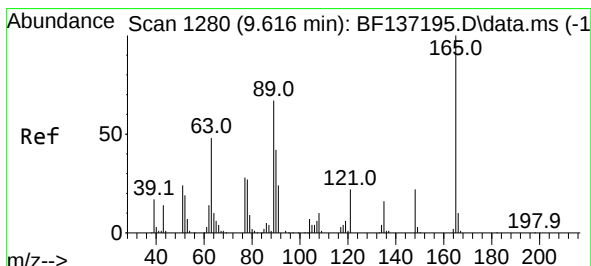
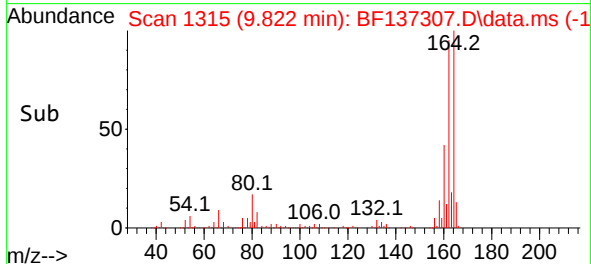
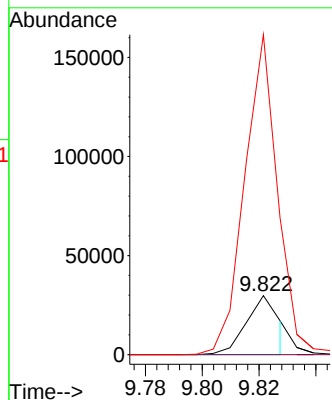
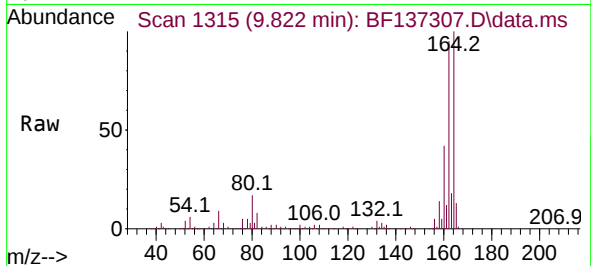




#50
Dimethylphthalate
Concen: 2.650 ng
RT: 9.822 min Scan# 1315
Delta R.T. 0.265 min
Lab File: BF137307.D
Acq: 06 Feb 2024 22:48

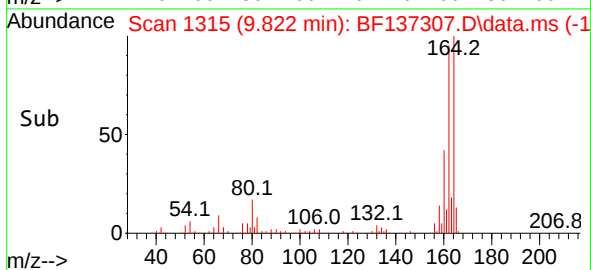
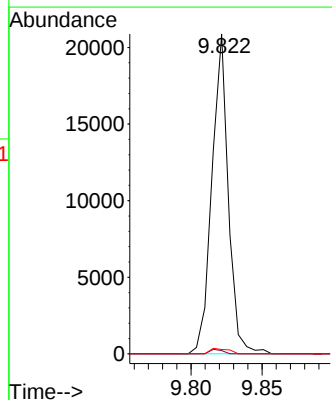
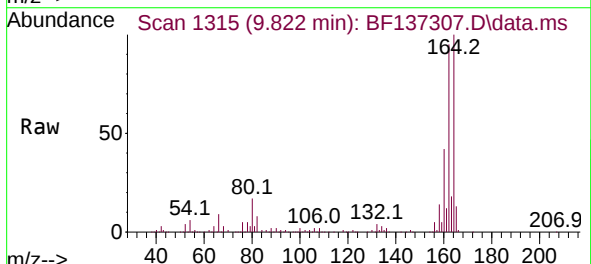
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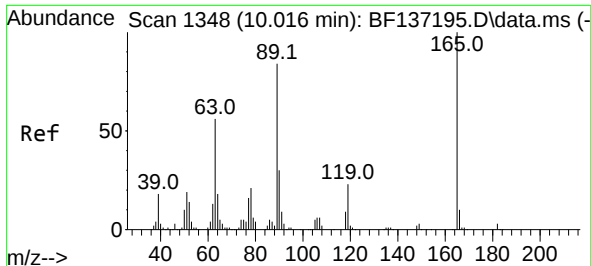
Tgt Ion:163 Resp: 23771
Ion Ratio Lower Upper
163 100
194 0.0 3.3 4.9#
164 542.4 8.6 13.0#



#51
2,6-Dinitrotoluene
Concen: 8.785 ng
RT: 9.822 min Scan# 1315
Delta R.T. 0.206 min
Lab File: BF137307.D
Acq: 06 Feb 2024 22:48

Tgt Ion:165 Resp: 16807
Ion Ratio Lower Upper
165 100
63 1.0 55.1 82.7#
89 1.4 53.5 80.3#

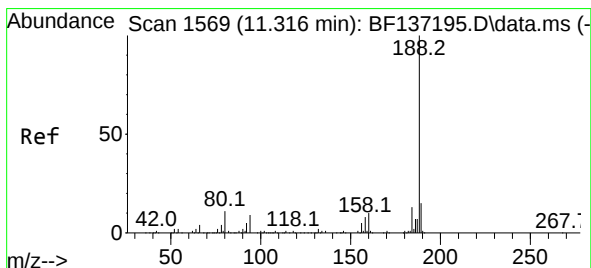
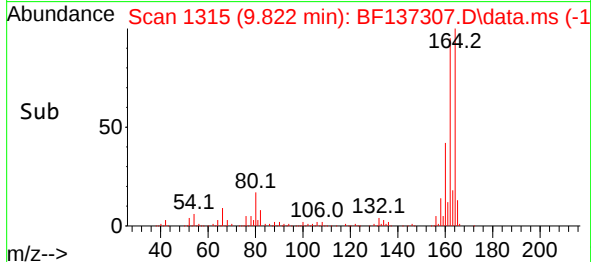
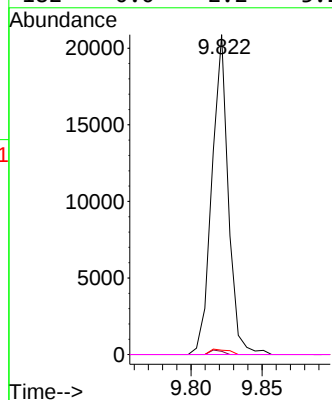
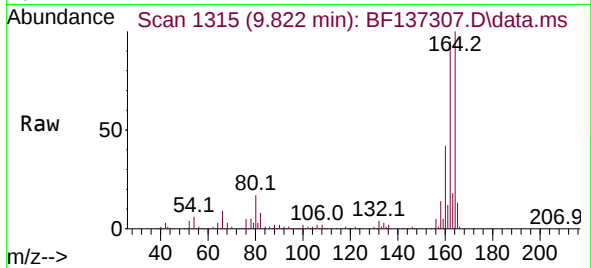




#57
2,4-Dinitrotoluene
Concen: 6.771 ng
RT: 9.822 min Scan# 1348
Delta R.T. -0.194 min
Lab File: BF137307.D
Acq: 06 Feb 2024 22:48

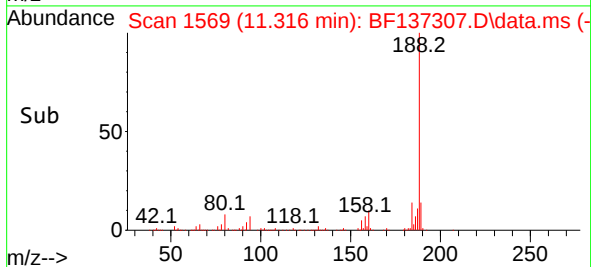
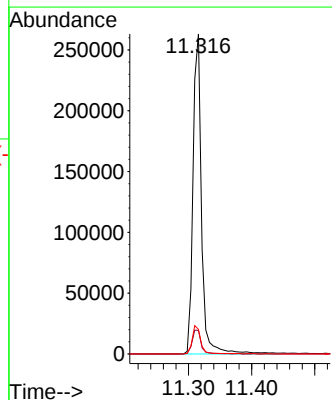
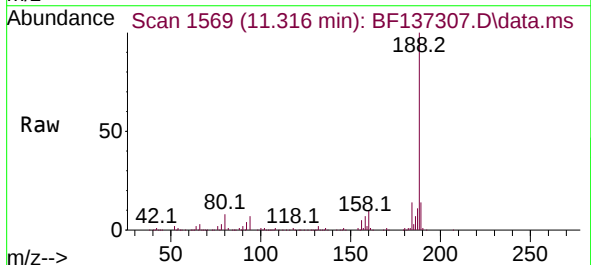
Instrument :
BNA_F
ClientSampleId :
TP-6

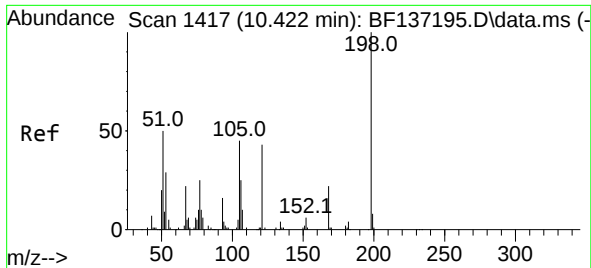
Tgt Ion:165 Resp: 16807
Ion Ratio Lower Upper
165 100
63 1.0 46.1 69.1#
89 1.4 67.5 101.3#
182 0.0 2.2 3.2#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.316 min Scan# 1569
Delta R.T. -0.000 min
Lab File: BF137307.D
Acq: 06 Feb 2024 22:48

Tgt Ion:188 Resp: 245964
Ion Ratio Lower Upper
188 100
94 7.3 7.0 10.4
80 7.7 8.8 13.2#

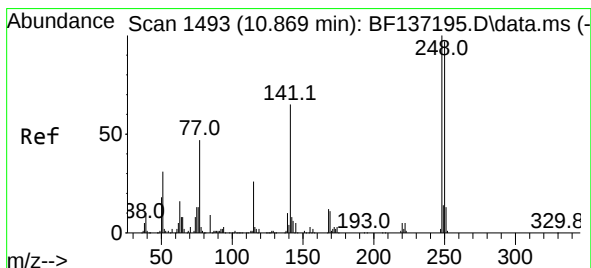
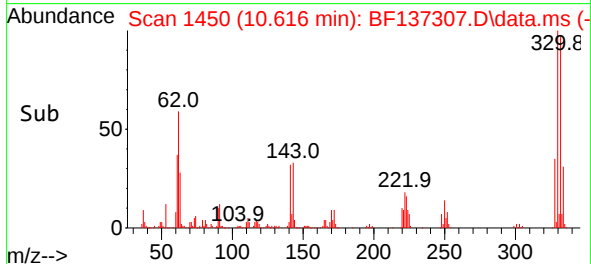
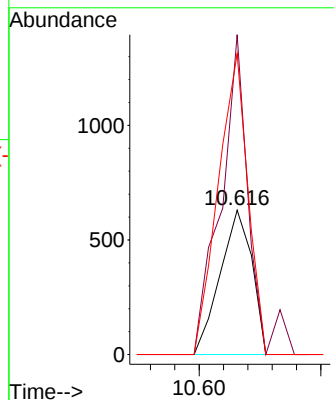
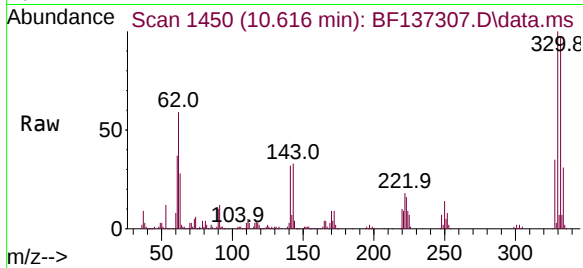




#65
4,6-Dinitro-2-methylphenol
Concen: 5.843 ng
RT: 10.616 min Scan# 1417
Delta R.T. 0.194 min
Lab File: BF137307.D
Acq: 06 Feb 2024 22:48

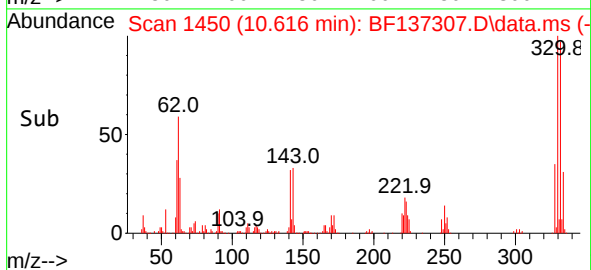
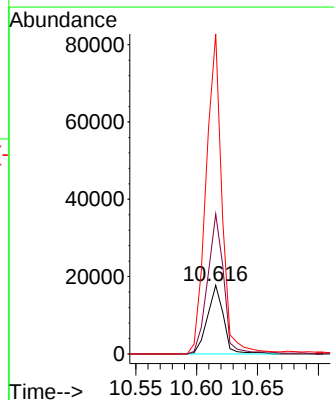
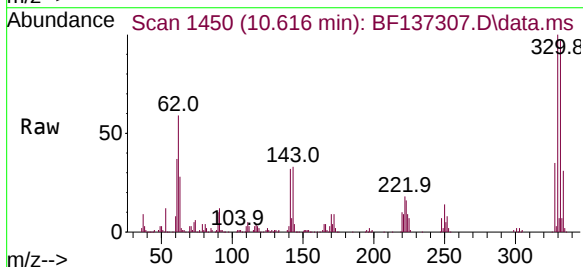
Instrument :
BNA_F
ClientSampleId :
TP-6

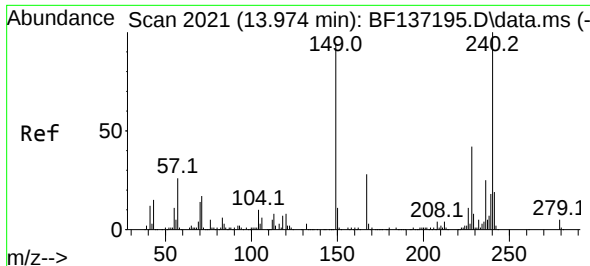
Tgt Ion:198 Resp: 571
Ion Ratio Lower Upper
198 100
51 221.6 40.9 80.9#
105 208.4 26.5 66.5#



#67
4-Bromophenyl-phenylether
Concen: 6.033 ng
RT: 10.616 min Scan# 1450
Delta R.T. -0.253 min
Lab File: BF137307.D
Acq: 06 Feb 2024 22:48

Tgt Ion:248 Resp: 16317
Ion Ratio Lower Upper
248 100
250 204.0 77.7 116.5#
141 466.4 51.6 77.4#

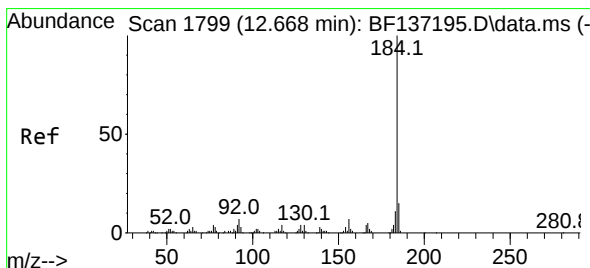
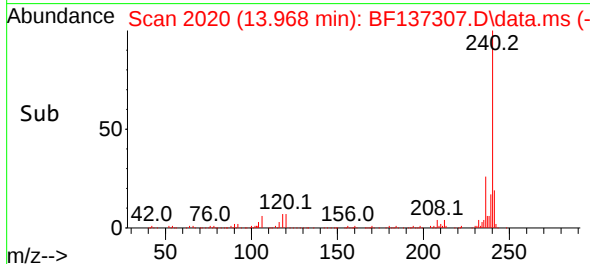
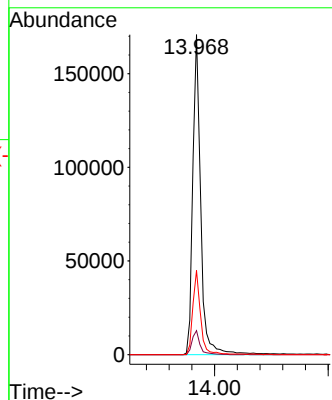
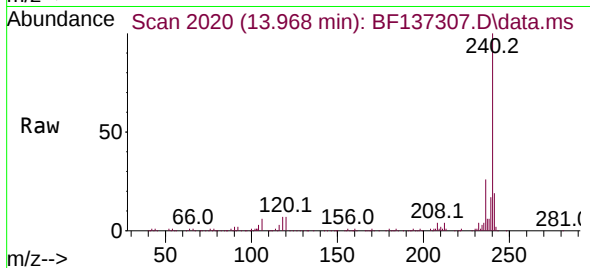




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.968 min Scan# 20
Delta R.T. -0.006 min
Lab File: BF137307.D
Acq: 06 Feb 2024 22:48

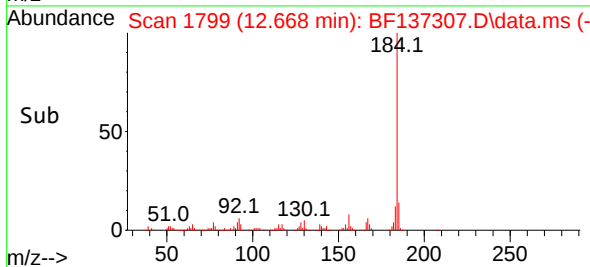
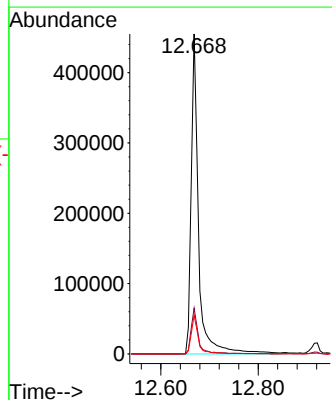
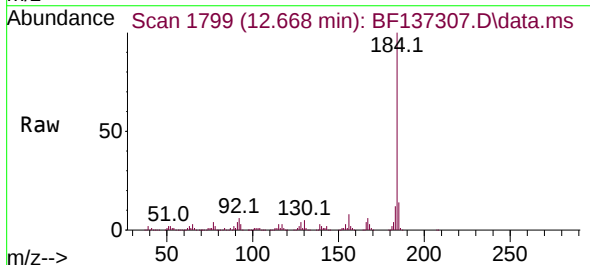
Instrument :
BNA_F
ClientSampleId :
TP-6

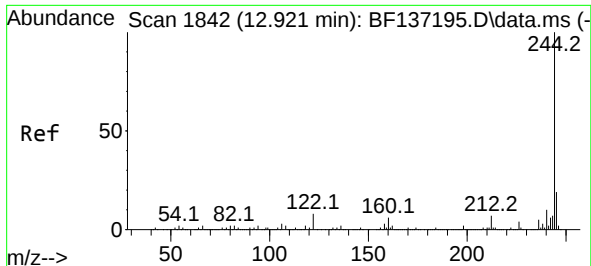
Tgt Ion:240 Resp: 165135
Ion Ratio Lower Upper
240 100
120 7.5 6.3 9.5
236 26.3 20.3 30.5



#77
Benzidine
Concen: 160.173 ng
RT: 12.668 min Scan# 1799
Delta R.T. 0.000 min
Lab File: BF137307.D
Acq: 06 Feb 2024 22:48

Tgt Ion:184 Resp: 473630
Ion Ratio Lower Upper
184 100
185 14.3 11.9 17.9
183 12.1 8.8 13.2

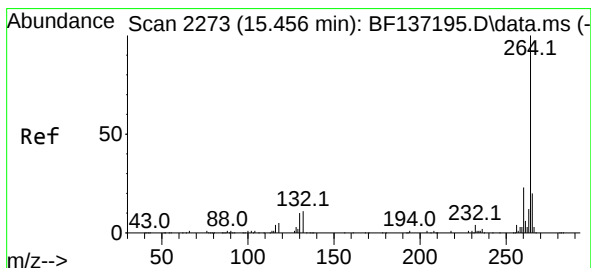
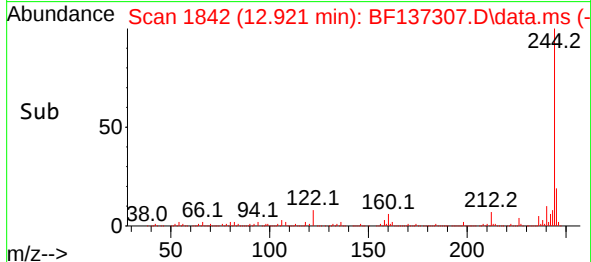
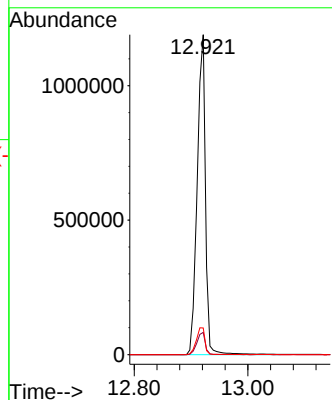
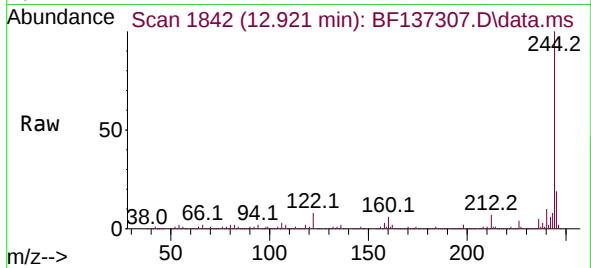




#79
 Terphenyl-d14
 Concen: 98.195 ng
 RT: 12.921 min Scan# 1842
 Delta R.T. -0.000 min
 Lab File: BF137307.D
 Acq: 06 Feb 2024 22:48

Instrument :
 BNA_F
 ClientSampleId :
 TP-6

Tgt Ion:244 Resp: 1192804
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.5 8.3
 122 8.3 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: BF137307.D
 Acq: 06 Feb 2024 22:48

Tgt Ion:264 Resp: 144278
 Ion Ratio Lower Upper
 264 100
 260 24.5 18.2 27.4
 265 22.3 16.2 24.2

