

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF013124\
 Data File : BF137219.D
 Acq On : 31 Jan 2024 19:30
 Operator : CG\JU
 Sample : P1277-04
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-40

Quant Time: Feb 01 01:21:33 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)

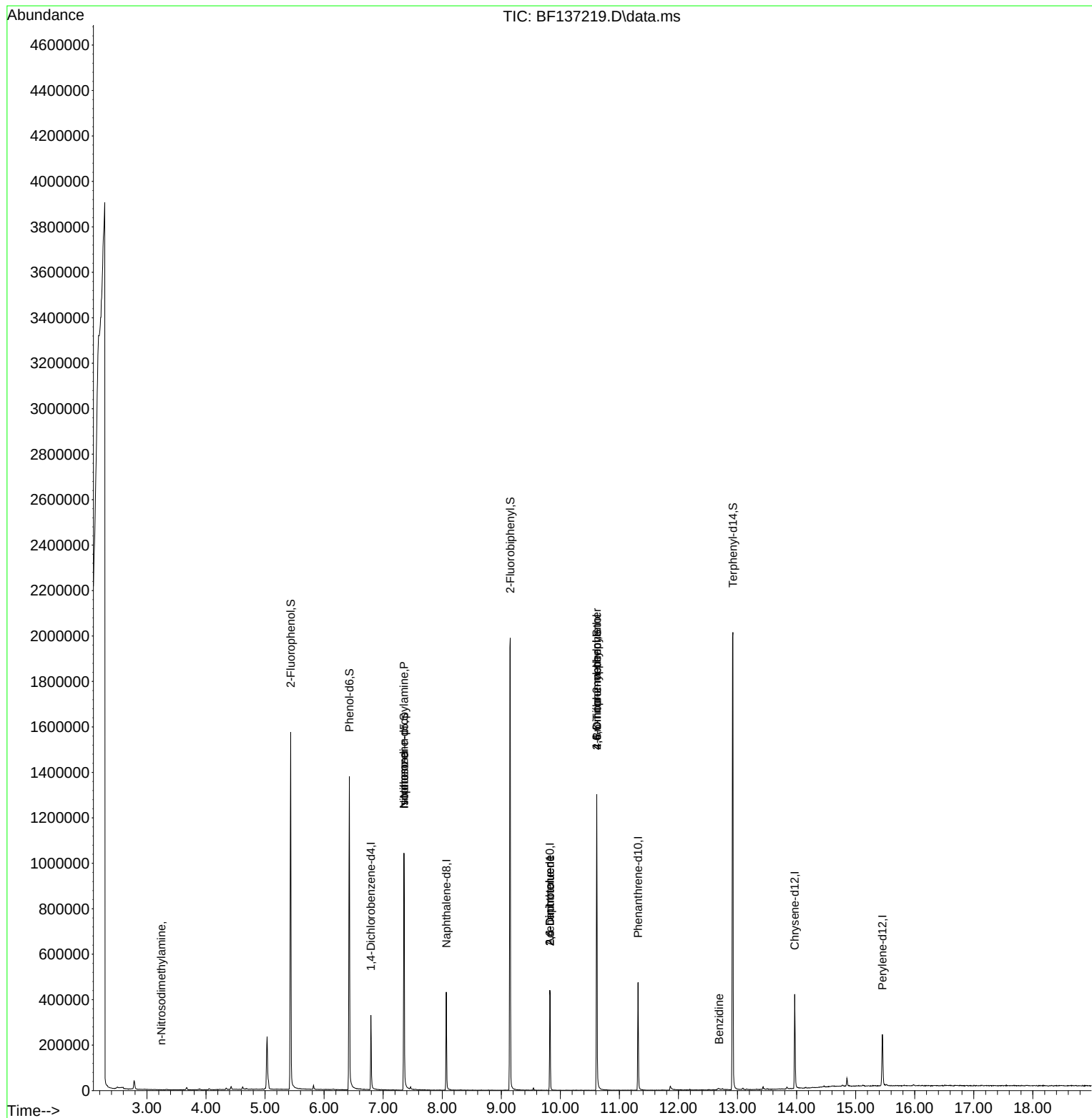
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.793	152	45833	20.000	ng	0.00
21) Naphthalene-d8	8.069	136	168775	20.000	ng	0.00
39) Acenaphthene-d10	9.822	164	95610	20.000	ng	0.00
64) Phenanthrene-d10	11.316	188	175035	20.000	ng	0.00
76) Chrysene-d12	13.969	240	141300	20.000	ng	0.00
86) Perylene-d12	15.451	264	117328	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.434	112	396129	142.614	ng	0.02
7) Phenol-d6	6.428	99	460807	116.250	ng	0.00
23) Nitrobenzene-d5	7.351	82	362514	96.166	ng	0.00
42) 2,4,6-Tribromophenol	10.616	330	150892	139.744	ng	0.00
45) 2-Fluorobiphenyl	9.151	172	650201	93.485	ng	0.00
79) Terphenyl-d14	12.922	244	819136	78.809	ng	0.00
Target Compounds						
						Qvalue
4) n-Nitrosodimethylamine	3.246	42	416	6.300	ng	# 1
19) n-Nitroso-di-n-propyla...	7.351	70	50763	18.677	ng	# 78
25) Isophorone	7.351	82	362512	52.099	ng	# 67
51) 2,6-Dinitrotoluene	9.822	165	12418	9.016	ng	# 17
57) 2,4-Dinitrotoluene	9.822	165	12418	6.948	ng	# 15
65) 4,6-Dinitro-2-methylph...	10.616	198	331	5.771	ng	# 1
67) 4-Bromophenyl-phenylether	10.616	248	10076	5.235	ng	# 1
77) Benzidine	12.686	184	5973	2.361	ng	# 90

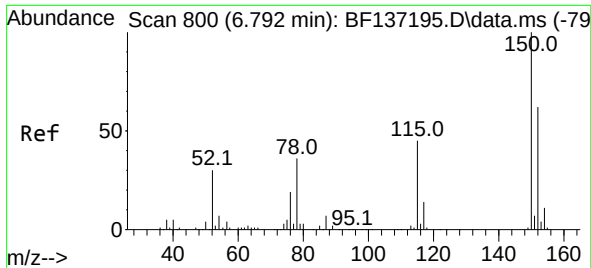
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF013124\
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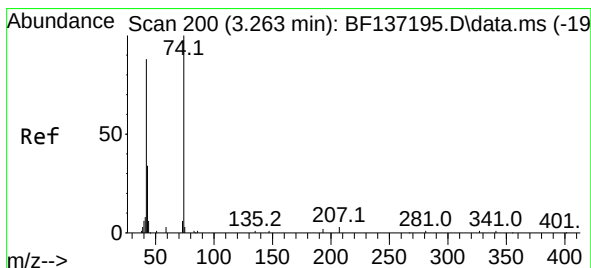
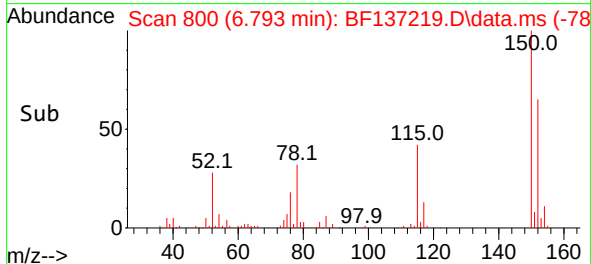
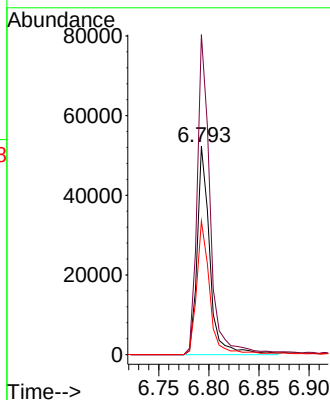
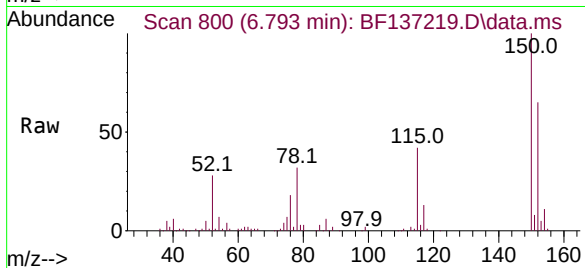




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.793 min Scan# 80
Delta R.T. 0.001 min
Lab File: BF137219.D
Acq: 31 Jan 2024 19:30

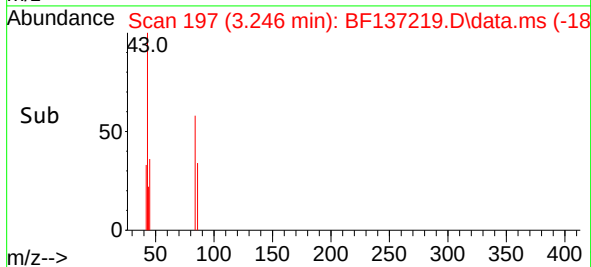
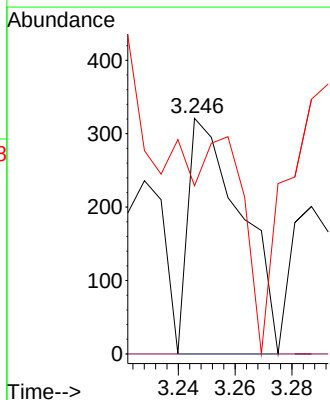
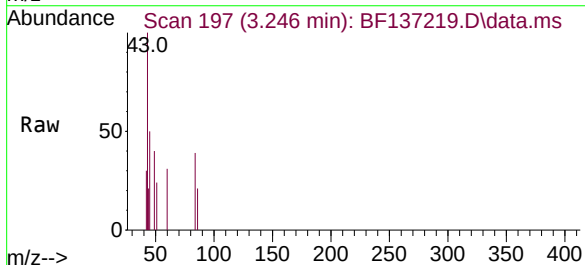
Instrument :
BNA_F
ClientSampleId :
TP-40

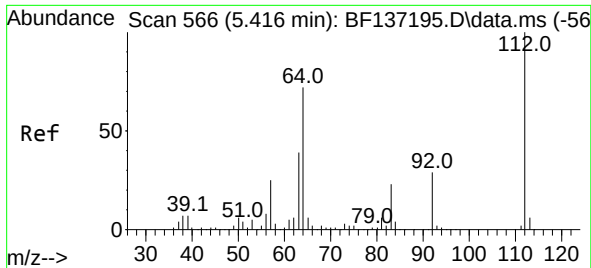
Tgt Ion:152 Resp: 45833
Ion Ratio Lower Upper
152 100
150 153.7 129.8 194.8
115 64.1 58.5 87.7



#4
n-Nitrosodimethylamine
Concen: 6.300 ng
RT: 3.246 min Scan# 197
Delta R.T. -0.017 min
Lab File: BF137219.D
Acq: 31 Jan 2024 19:30

Tgt Ion: 42 Resp: 416
Ion Ratio Lower Upper
42 100
74 0.0 90.5 135.7#
44 71.3 6.1 9.1#

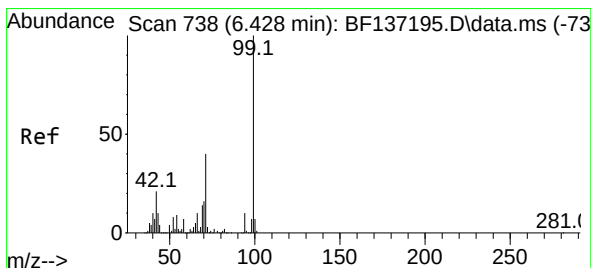
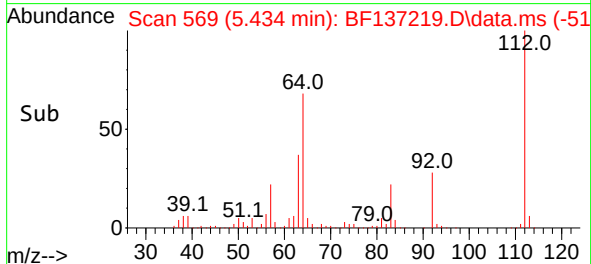
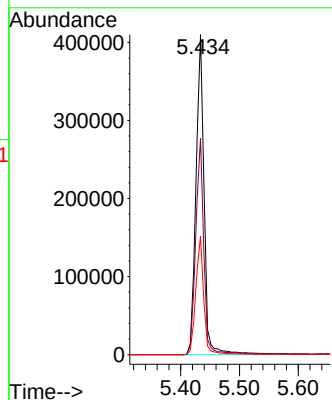
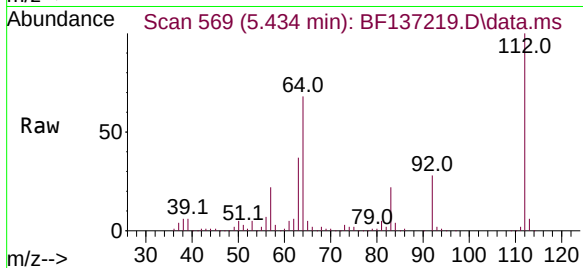




#5
2-Fluorophenol
Concen: 142.614 ng
RT: 5.434 min Scan# 566
Delta R.T. 0.018 min
Lab File: BF137219.D
Acq: 31 Jan 2024 19:30

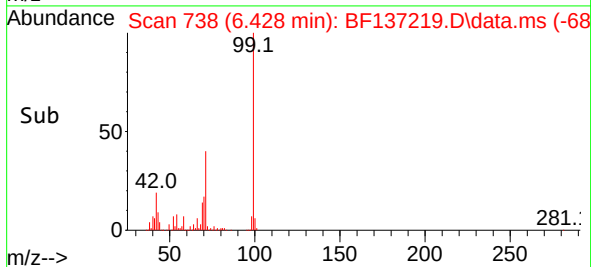
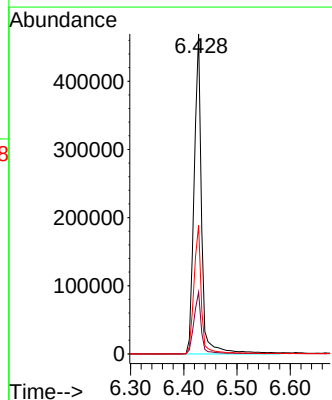
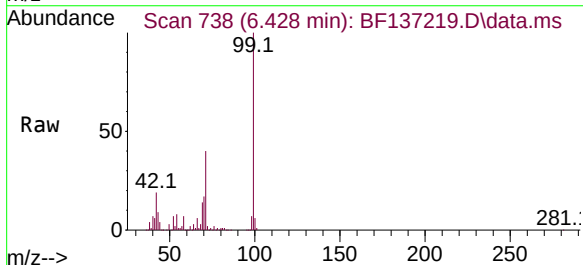
Instrument :
BNA_F
ClientSampleId :
TP-40

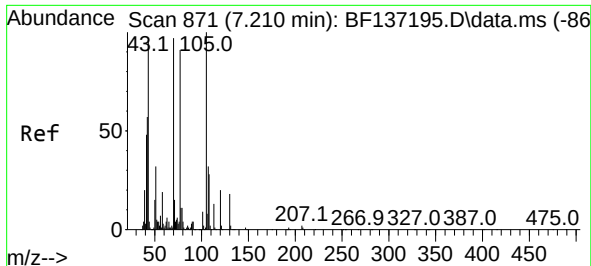
Tgt Ion:112 Resp: 396129
Ion Ratio Lower Upper
112 100
64 67.7 57.8 86.6
63 37.0 31.4 47.0



#7
Phenol-d6
Concen: 116.250 ng
RT: 6.428 min Scan# 738
Delta R.T. 0.000 min
Lab File: BF137219.D
Acq: 31 Jan 2024 19:30

Tgt Ion: 99 Resp: 460807
Ion Ratio Lower Upper
99 100
42 19.3 16.4 24.6
71 40.1 32.4 48.6





#19

n-Nitroso-di-n-propylamine

Concen: 18.677 ng

RT: 7.351 min Scan# 89

Delta R.T. 0.141 min

Lab File: BF137219.D

Acq: 31 Jan 2024 19:30

Instrument :

BNA_F

ClientSampleId :

TP-40

Tgt Ion: 70 Resp: 50763

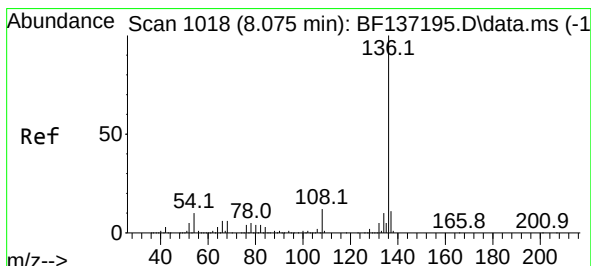
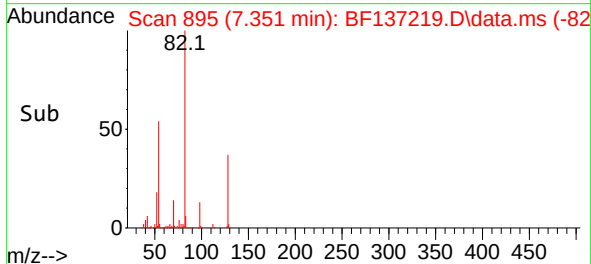
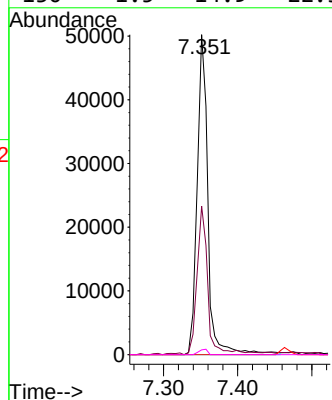
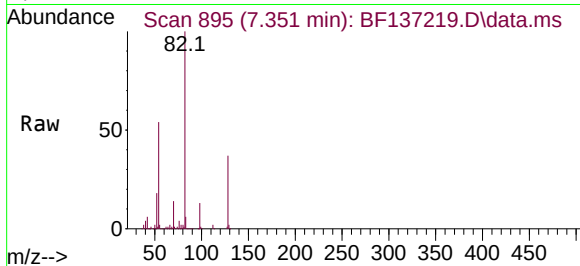
Ion Ratio Lower Upper

70 100

42 46.4 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: 8.069 min Scan# 1017

Delta R.T. -0.006 min

Lab File: BF137219.D

Acq: 31 Jan 2024 19:30

Tgt Ion:136 Resp: 168775

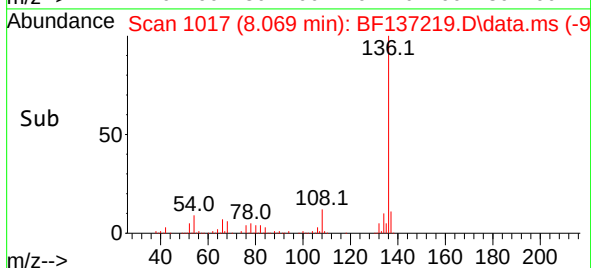
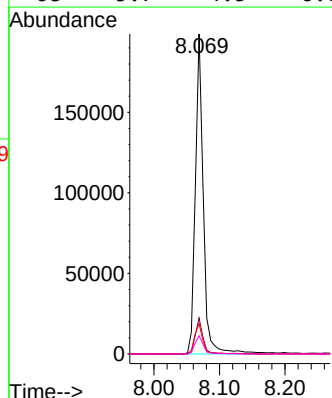
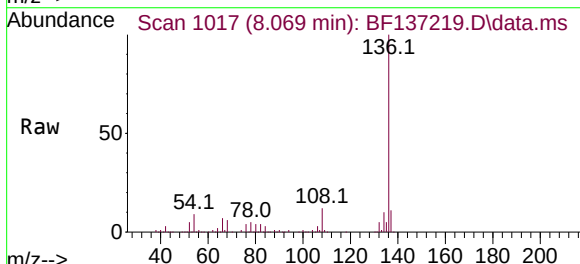
Ion Ratio Lower Upper

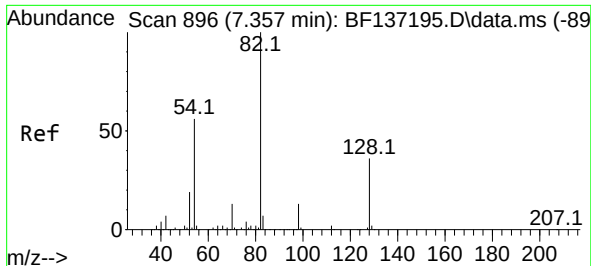
136 100

137 11.2 8.9 13.3

54 9.5 7.8 11.8

68 5.7 4.5 6.7

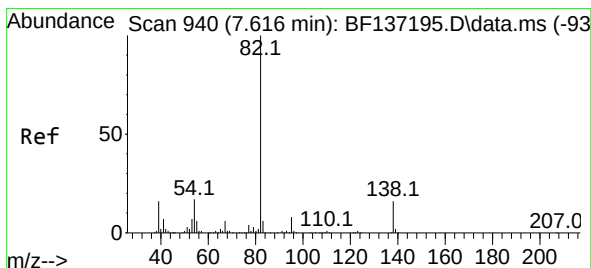
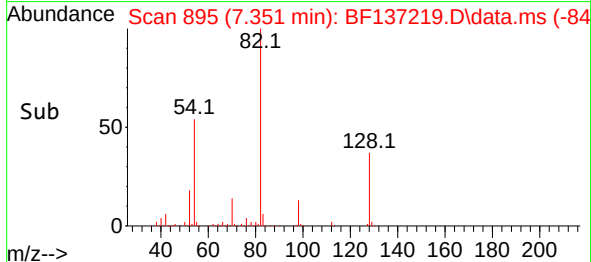
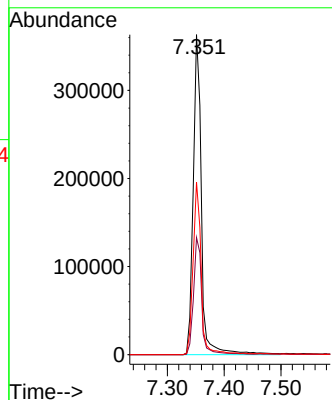
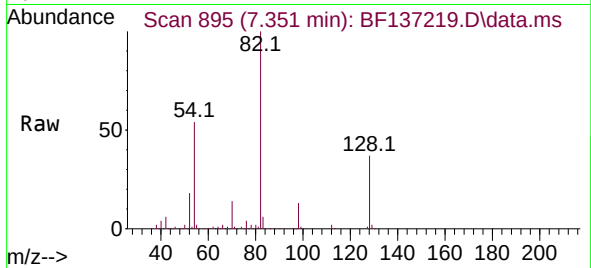




#23
Nitrobenzene-d5
Concen: 96.166 ng
RT: 7.351 min Scan# 895
Delta R.T. -0.006 min
Lab File: BF137219.D
Acq: 31 Jan 2024 19:30

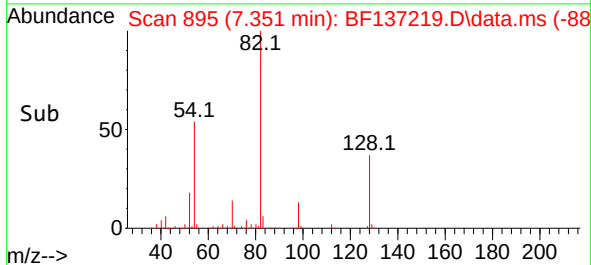
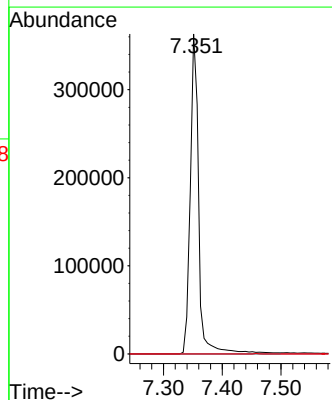
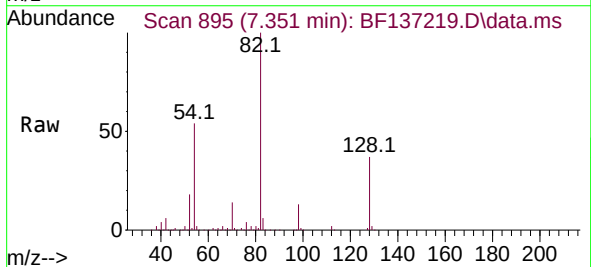
Instrument :
BNA_F
ClientSampleId :
TP-40

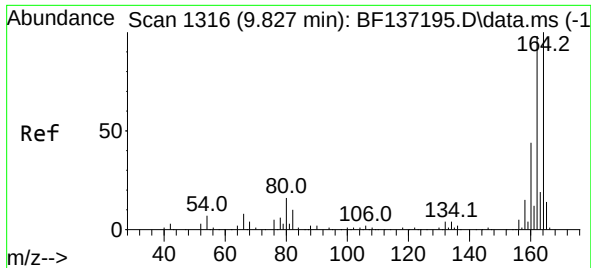
Tgt Ion: 82 Resp: 362514
Ion Ratio Lower Upper
82 100
128 36.6 29.1 43.7
54 53.9 45.0 67.6



#25
Isophorone
Concen: 52.099 ng
RT: 7.351 min Scan# 895
Delta R.T. -0.264 min
Lab File: BF137219.D
Acq: 31 Jan 2024 19:30

Tgt Ion: 82 Resp: 362512
Ion Ratio Lower Upper
82 100
95 0.0 6.4 9.6#
138 0.0 12.7 19.1#

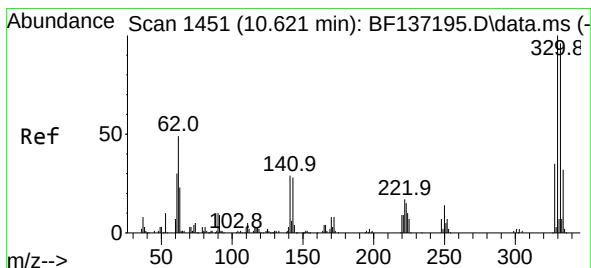
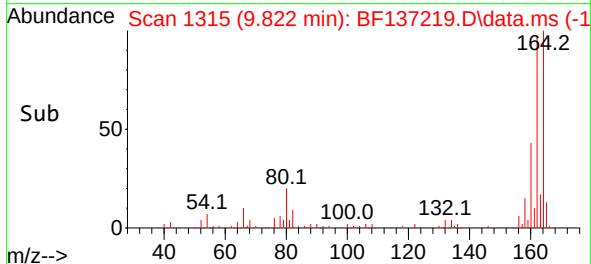
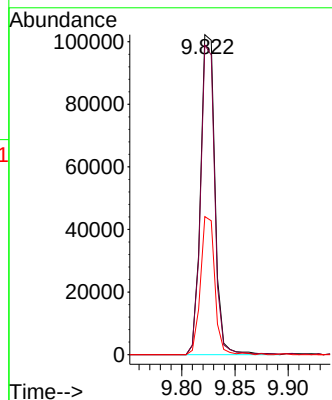
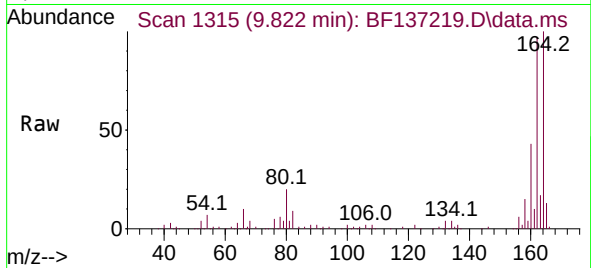




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.822 min Scan# 1316
Delta R.T. -0.005 min
Lab File: BF137219.D
Acq: 31 Jan 2024 19:30

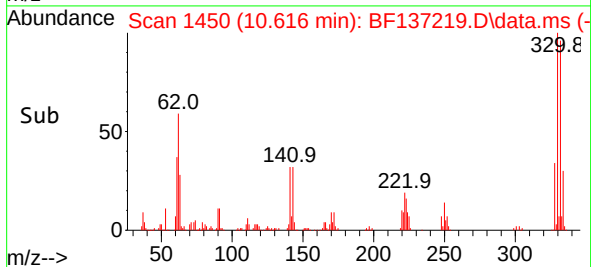
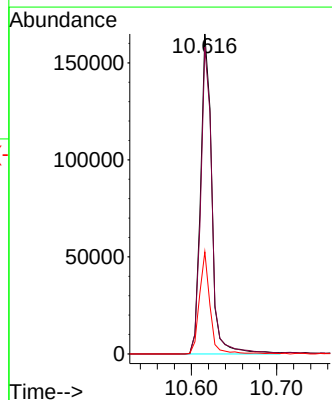
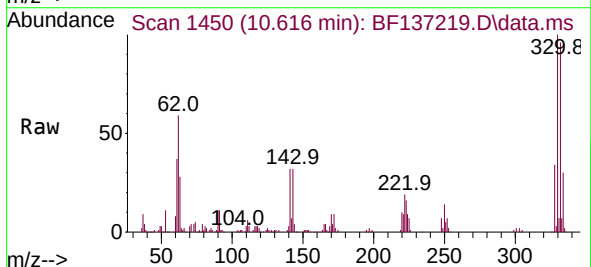
Instrument :
BNA_F
ClientSampleId :
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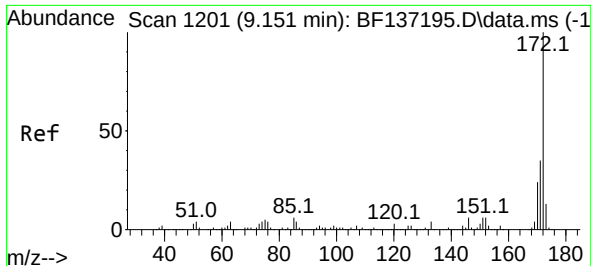
Tgt Ion:164 Resp: 95610
Ion Ratio Lower Upper
164 100
162 96.7 78.3 117.5
160 43.1 35.4 53.2



#42
2,4,6-Tribromophenol
Concen: 139.744 ng
RT: 10.616 min Scan# 1450
Delta R.T. -0.006 min
Lab File: BF137219.D
Acq: 31 Jan 2024 19:30

Tgt Ion:330 Resp: 150892
Ion Ratio Lower Upper
330 100
332 96.8 77.3 115.9
141 30.2 25.2 37.8

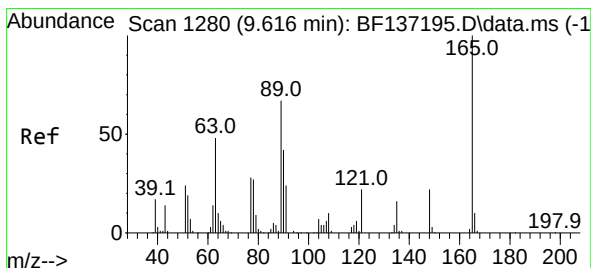
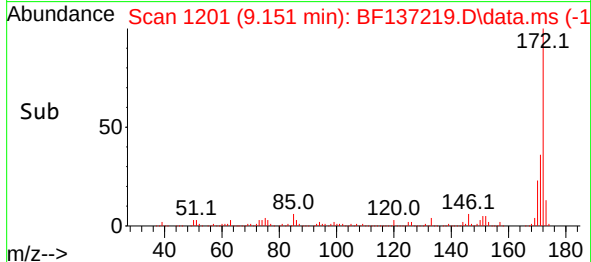
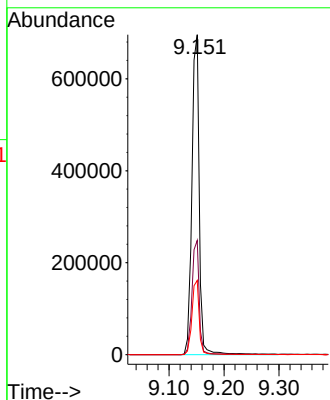
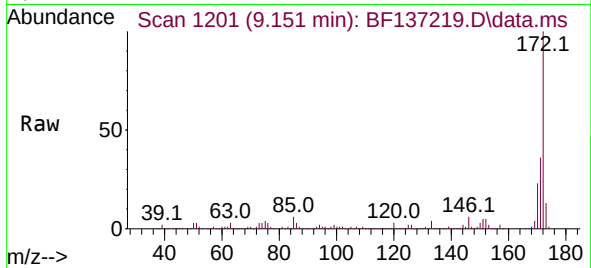




#45
2-Fluorobiphenyl
Concen: 93.485 ng
RT: 9.151 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF137219.D
Acq: 31 Jan 2024 19:30

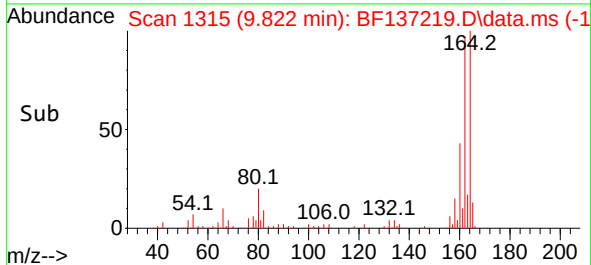
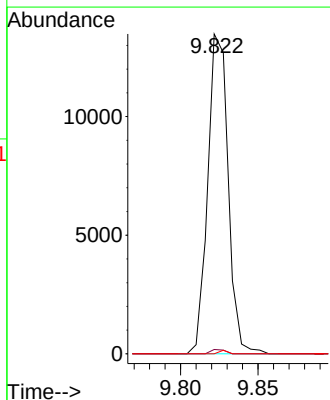
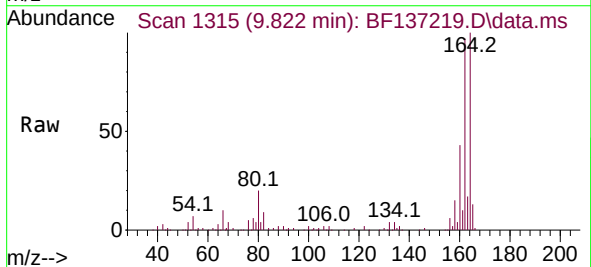
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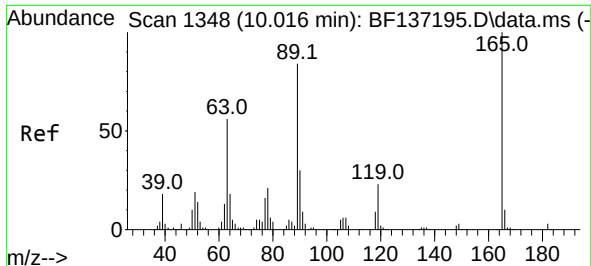
Tgt Ion:172 Resp: 650201
Ion Ratio Lower Upper
172 100
171 35.7 28.3 42.5
170 23.2 19.1 28.7



#51
2,6-Dinitrotoluene
Concen: 9.016 ng
RT: 9.822 min Scan# 1315
Delta R.T. 0.206 min
Lab File: BF137219.D
Acq: 31 Jan 2024 19:30

Tgt Ion:165 Resp: 12418
Ion Ratio Lower Upper
165 100
63 1.3 55.1 82.7#
89 0.0 53.5 80.3#

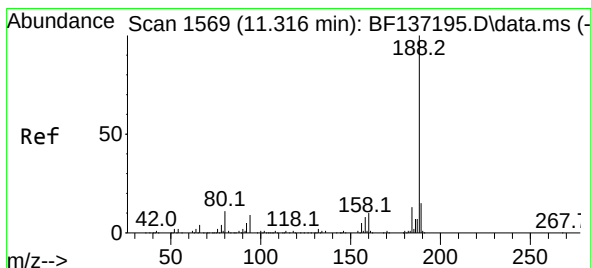
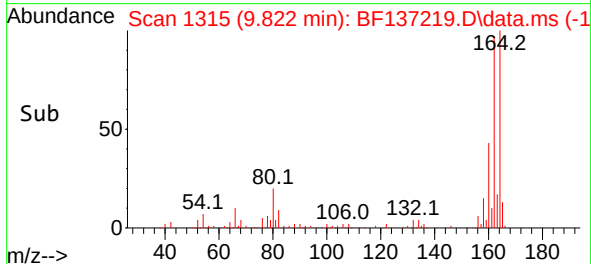
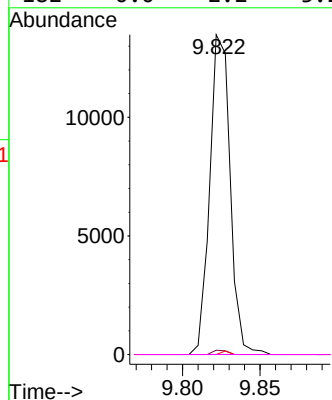
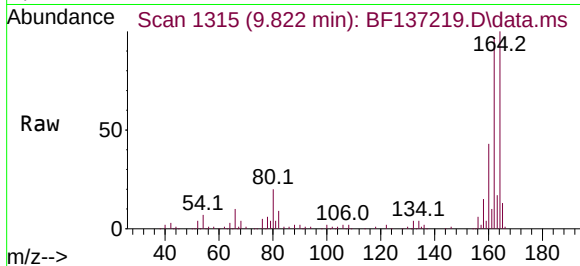




#57
2,4-Dinitrotoluene
Concen: 6.948 ng
RT: 9.822 min Scan# 1348
Delta R.T. -0.194 min
Lab File: BF137219.D
Acq: 31 Jan 2024 19:30

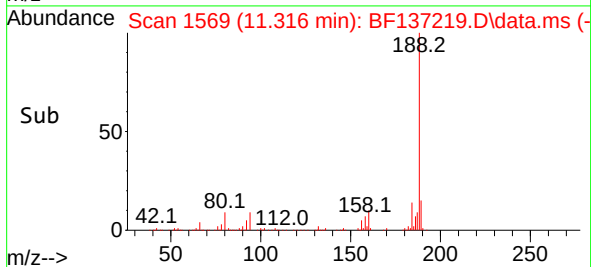
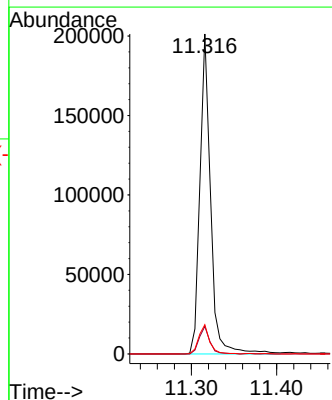
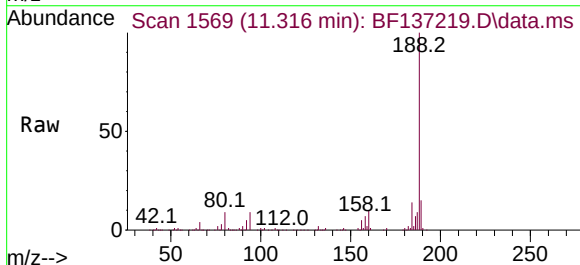
Instrument :
BNA_F
ClientSampleId :
TP-40

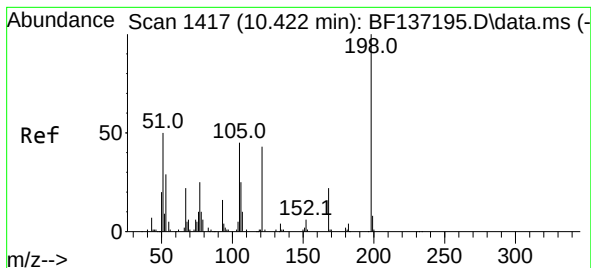
Tgt Ion:	165	Resp:	12418
Ion Ratio	Lower	Upper	
165	100		
63	1.3	46.1	69.1#
89	0.0	67.5	101.3#
182	0.0	2.2	3.2#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.316 min Scan# 1569
Delta R.T. -0.000 min
Lab File: BF137219.D
Acq: 31 Jan 2024 19:30

Tgt Ion:	188	Resp:	175035
Ion Ratio	Lower	Upper	
188	100		
94	8.6	7.0	10.4
80	9.1	8.8	13.2

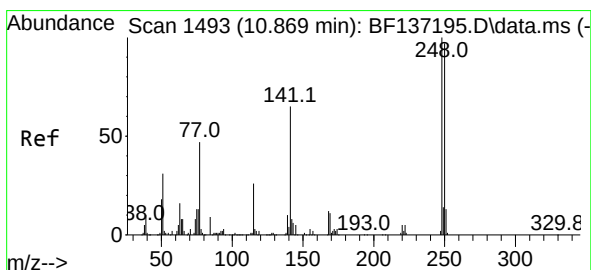
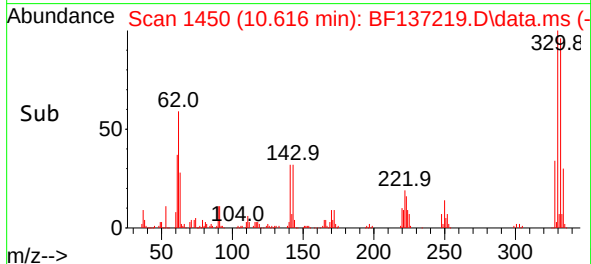
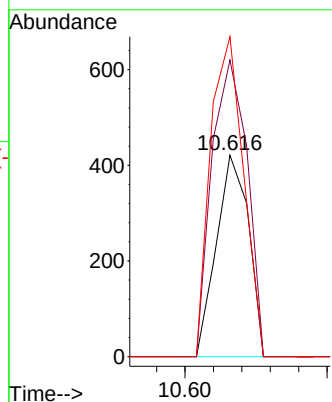
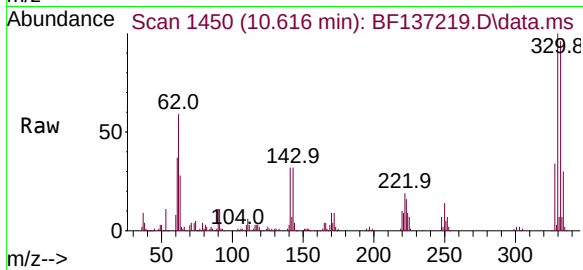




#65
4,6-Dinitro-2-methylphenol
Concen: 5.771 ng
RT: 10.616 min Scan# 1417
Delta R.T. 0.194 min
Lab File: BF137219.D
Acq: 31 Jan 2024 19:30

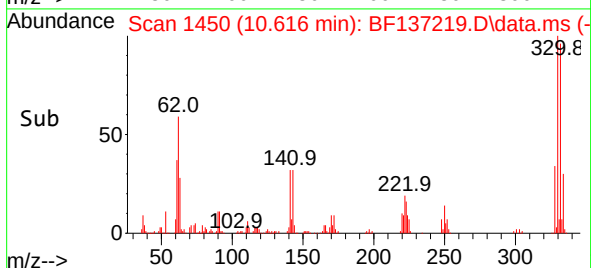
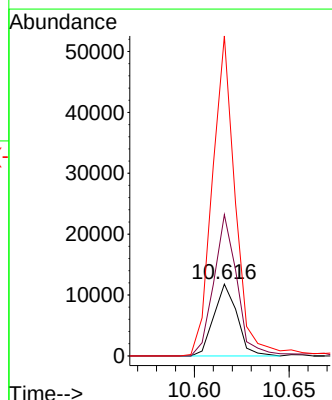
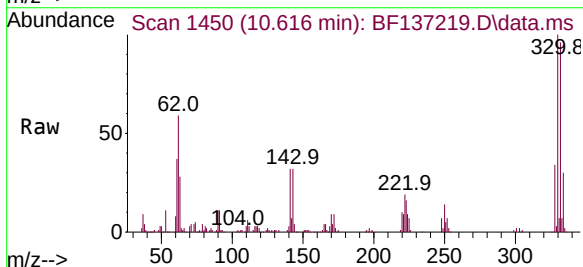
Instrument :
BNA_F
ClientSampleId :
TP-40

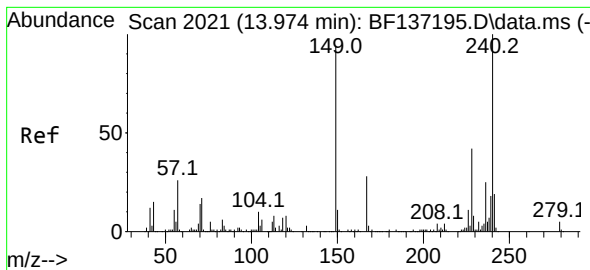
Tgt Ion:198 Resp: 331
Ion Ratio Lower Upper
198 100
51 147.3 40.9 80.9#
105 158.9 26.5 66.5#



#67
4-Bromophenyl-phenylether
Concen: 5.235 ng
RT: 10.616 min Scan# 1450
Delta R.T. -0.253 min
Lab File: BF137219.D
Acq: 31 Jan 2024 19:30

Tgt Ion:248 Resp: 10076
Ion Ratio Lower Upper
248 100
250 196.5 77.7 116.5#
141 445.6 51.6 77.4#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.969 min Scan# 20

Delta R.T. -0.006 min

Lab File: BF137219.D

Acq: 31 Jan 2024 19:30

Instrument :

BNA_F

ClientSampleId :

TP-40

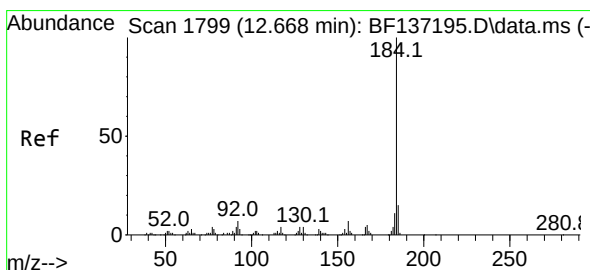
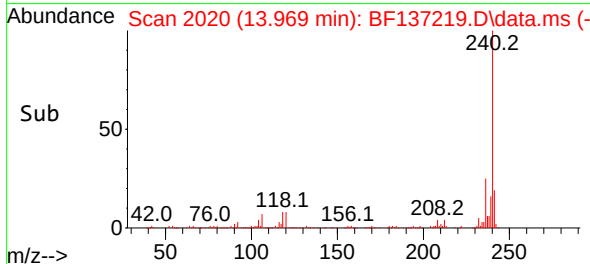
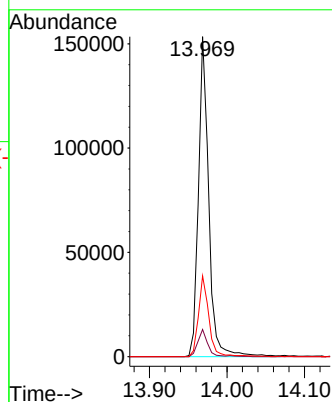
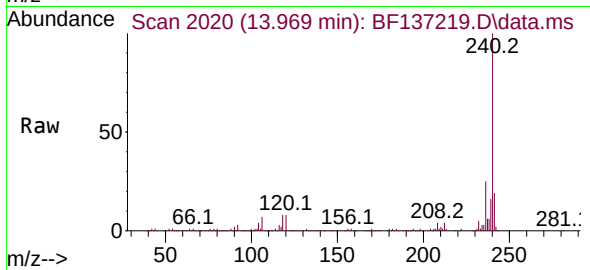
Tgt Ion:240 Resp: 141300

Ion Ratio Lower Upper

240 100

120 8.5 6.3 9.5

236 25.2 20.3 30.5



#77

Benzidine

Concen: 2.361 ng

RT: 12.686 min Scan# 1802

Delta R.T. 0.018 min

Lab File: BF137219.D

Acq: 31 Jan 2024 19:30

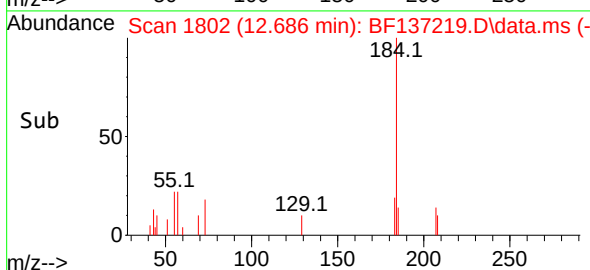
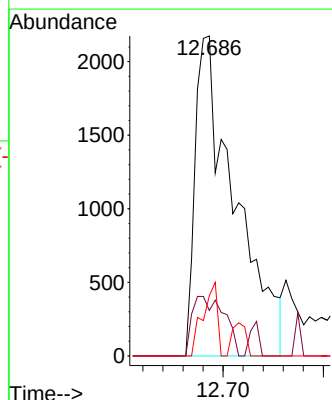
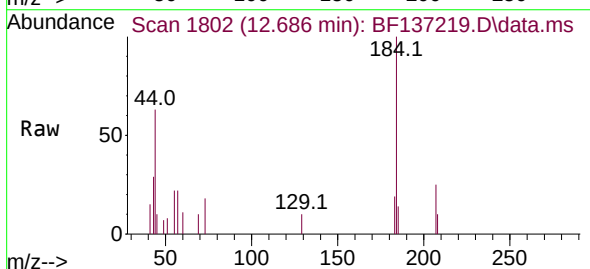
Tgt Ion:184 Resp: 5973

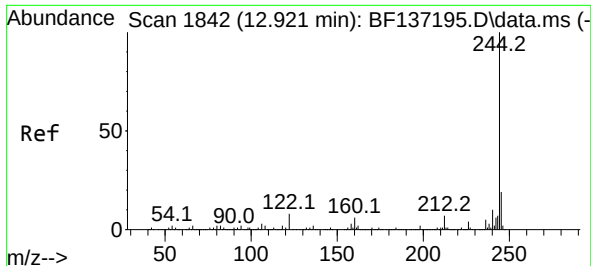
Ion Ratio Lower Upper

184 100

185 14.2 11.9 17.9

183 18.8 8.8 13.2#

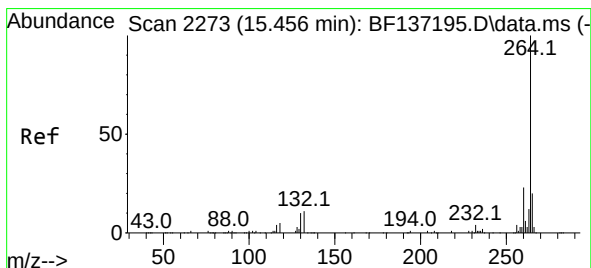
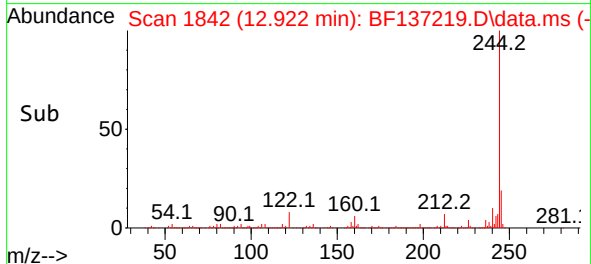
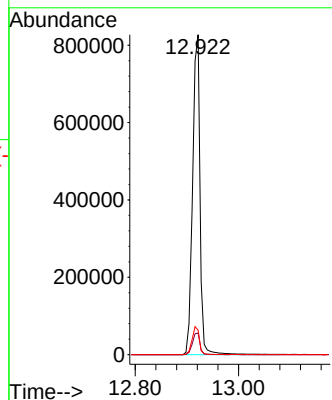
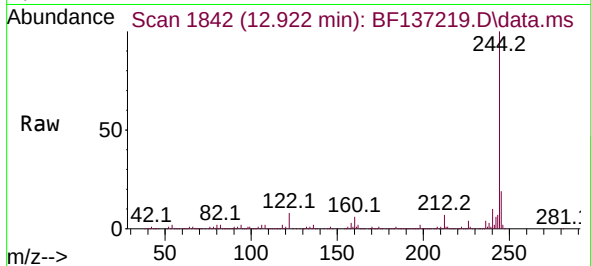




#79
 Terphenyl-d14
 Concen: 78.809 ng
 RT: 12.922 min Scan# 1842
 Delta R.T. 0.000 min
 Lab File: BF137219.D
 Acq: 31 Jan 2024 19:30

Instrument :
 BNA_F
 ClientSampleId :
 TP-40

Tgt Ion:244 Resp: 819136
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.5 8.3
 122 7.6 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: BF137219.D
 Acq: 31 Jan 2024 19:30

Tgt Ion:264 Resp: 117328
 Ion Ratio Lower Upper
 264 100
 260 22.0 18.2 27.4
 265 21.3 16.2 24.2

