

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020524\
 Data File : BF137278.D
 Acq On : 05 Feb 2024 15:07
 Operator : CG\JU
 Sample : P1334-07 5X
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Feb 05 15:31:53 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)

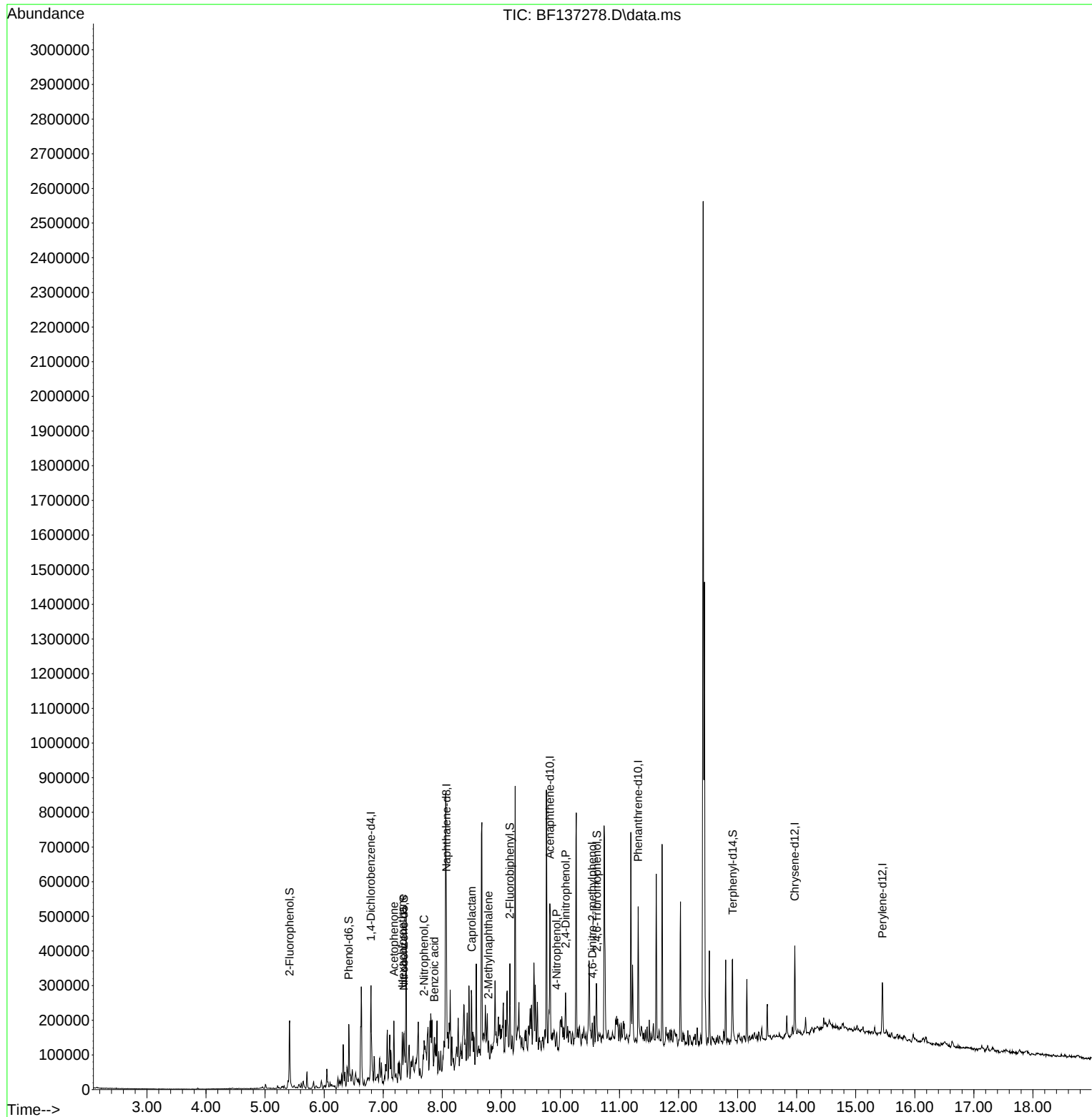
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.793	152	39487	20.000	ng	0.00
21) Naphthalene-d8	8.069	136	138575	20.000	ng	# 0.00
39) Acenaphthene-d10	9.822	164	76584	20.000	ng	0.00
64) Phenanthrene-d10	11.316	188	145658	20.000	ng	0.00
76) Chrysene-d12	13.969	240	91304	20.000	ng	0.00
86) Perylene-d12	15.451	264	80914	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.416	112	55641	23.251	ng	0.00
7) Phenol-d6	6.416	99	67489	19.762	ng	-0.01
23) Nitrobenzene-d5	7.345	82	38945	12.583	ng	-0.01
42) 2,4,6-Tribromophenol	10.616	330	16136	18.656	ng	0.00
45) 2-Fluorobiphenyl	9.145	172	70786	12.706	ng	0.00
79) Terphenyl-d14	12.916	244	91780	13.665	ng	0.00
Target Compounds						
						Qvalue
18) Hexachloroethane	7.322	117	7304	6.242	ng	# 1
22) Acetophenone	7.181	105	16659	4.465	ng	# 43
26) 2-Nitrophenol	7.692	139	404	2.780	ng	# 1
32) Benzoic acid	7.863	122	226	8.483	ng	# 10
35) Caprolactam	8.498	113	4334	6.881	ng	# 20
37) 2-Methylnaphthalene	8.781	142	12224	2.434	ng	# 100
54) 2,4-Dinitrophenol	10.086	184	224	11.939	ng	# 53
56) 4-Nitrophenol	9.933	139	676	9.151	ng	# 14
65) 4,6-Dinitro-2-methylph...	10.539	198	63	5.527	ng	# 1

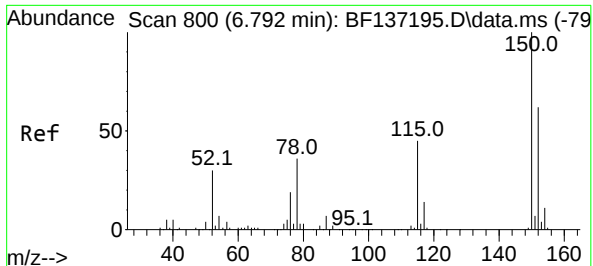
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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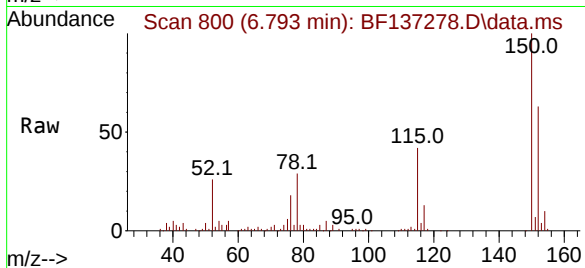
Quant Time: Feb 05 15:31:53 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF013024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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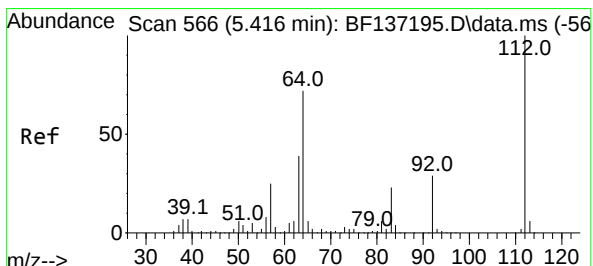
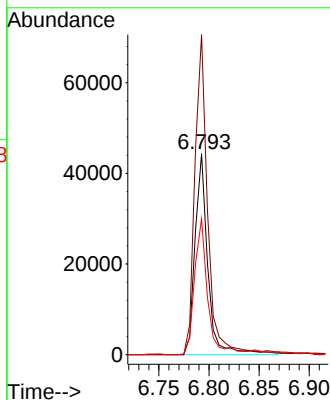
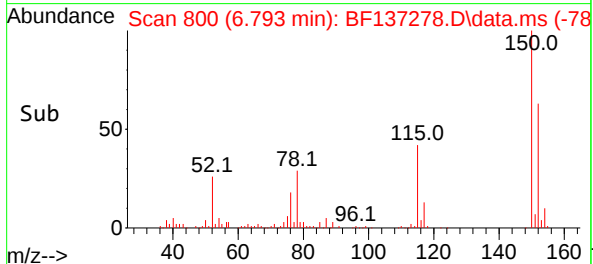


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.793 min Scan# 800
Delta R.T. 0.001 min
Lab File: BF137278.D
Acq: 05 Feb 2024 15:07

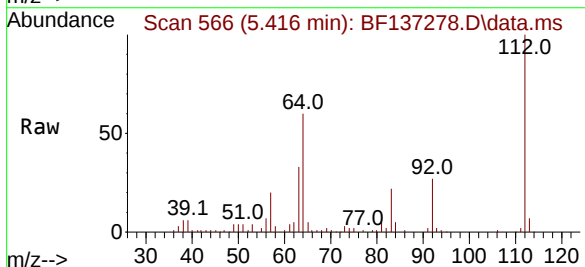
Instrument :
BNA_F
ClientSampleId :



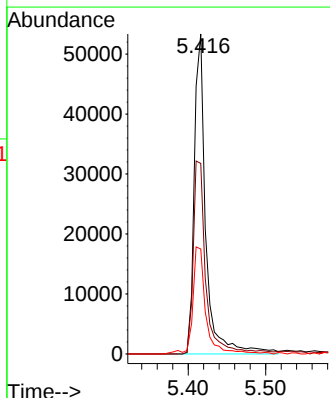
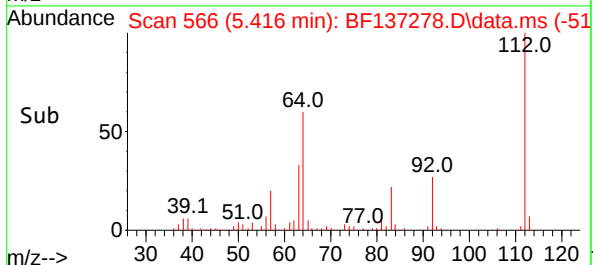
Tgt Ion:152 Resp: 39487
Ion Ratio Lower Upper
152 100
150 159.2 129.8 194.8
115 67.6 58.5 87.7



#5
2-Fluorophenol
Concen: 23.251 ng
RT: 5.416 min Scan# 566
Delta R.T. 0.000 min
Lab File: BF137278.D
Acq: 05 Feb 2024 15:07



Tgt Ion:112 Resp: 55641
Ion Ratio Lower Upper
112 100
64 59.6 57.8 86.6
63 32.8 31.4 47.0

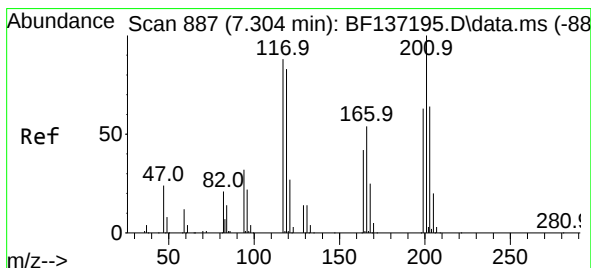
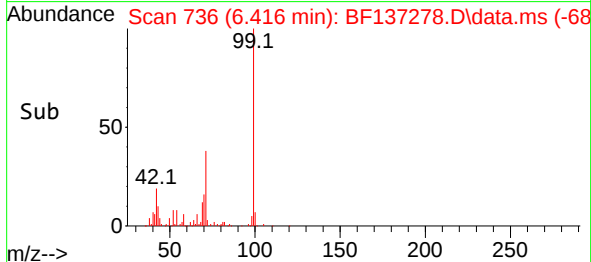
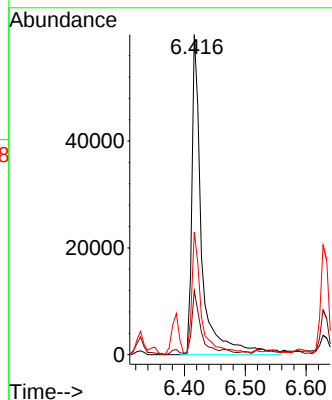
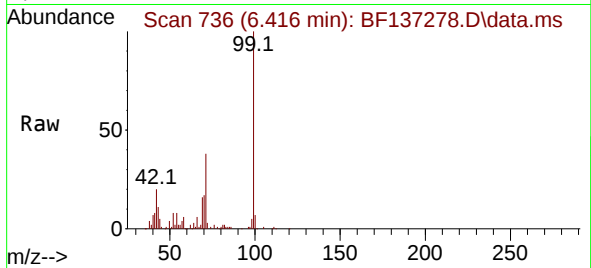




#7
Phenol-d6
Concen: 19.762 ng
RT: 6.416 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF137278.D
Acq: 05 Feb 2024 15:07

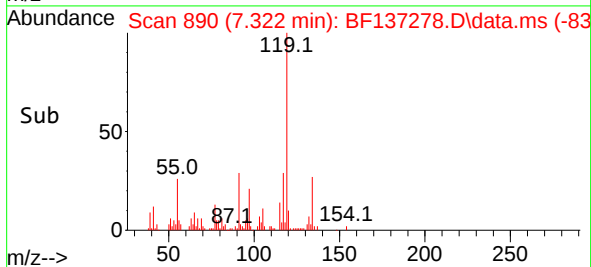
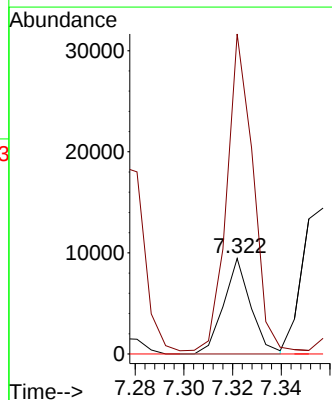
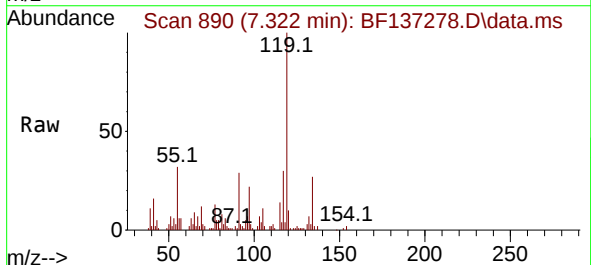
Instrument :
BNA_F
ClientSampleId :

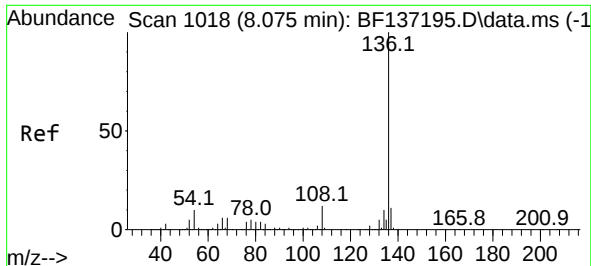
Tgt Ion: 99 Resp: 67489
Ion Ratio Lower Upper
99 100
42 20.0 16.4 24.6
71 38.4 32.4 48.6



#18
Hexachloroethane
Concen: 6.242 ng
RT: 7.322 min Scan# 890
Delta R.T. 0.018 min
Lab File: BF137278.D
Acq: 05 Feb 2024 15:07

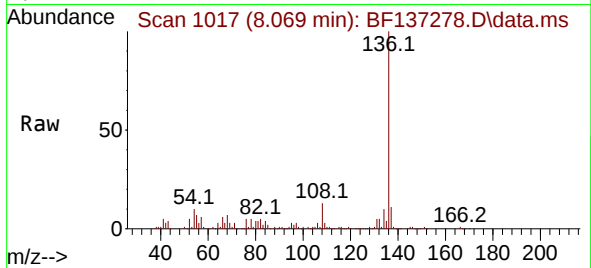
Tgt Ion: 117 Resp: 7304
Ion Ratio Lower Upper
117 100
119 334.9 76.2 114.4#
201 0.0 91.4 137.0#



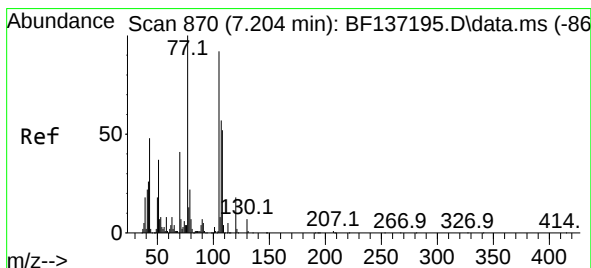
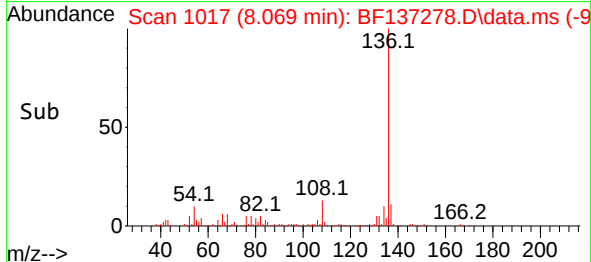
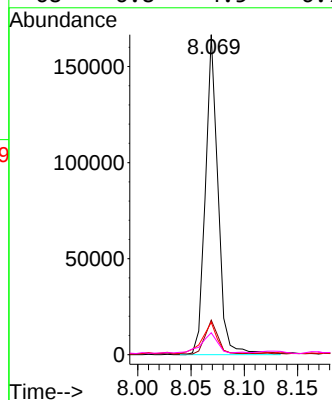


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.069 min Scan# 1018
Delta R.T. -0.006 min
Lab File: BF137278.D
Acq: 05 Feb 2024 15:07

Instrument :
BNA_F
ClientSampleId :

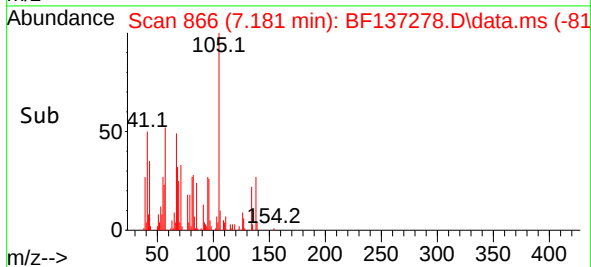
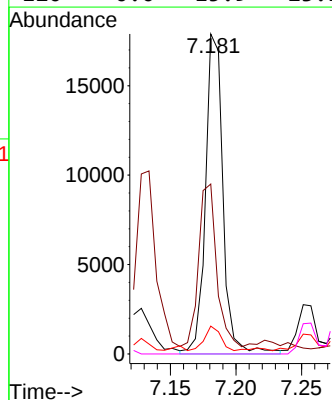
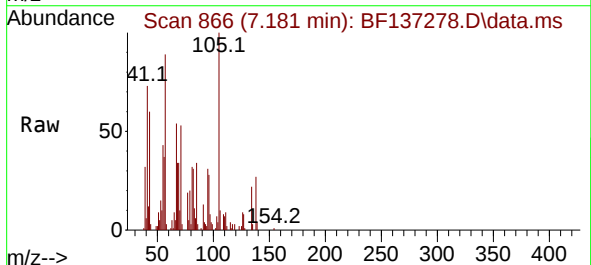


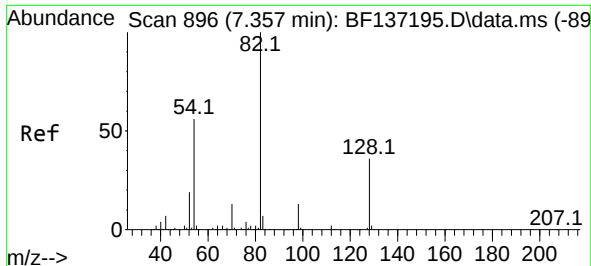
Tgt Ion:136 Resp: 138575
Ion Ratio Lower Upper
136 100
137 10.8 8.9 13.3
54 10.1 7.8 11.8
68 6.8 4.5 6.7#



#22
Acetophenone
Concen: 4.465 ng
RT: 7.181 min Scan# 866
Delta R.T. -0.023 min
Lab File: BF137278.D
Acq: 05 Feb 2024 15:07

Tgt Ion:105 Resp: 16659
Ion Ratio Lower Upper
105 100
71 53.1 5.7 8.5#
51 8.7 32.2 48.4#
120 0.0 15.9 23.9#





#23

Nitrobenzene-d5

Concen: 12.583 ng

RT: 7.345 min Scan# 896

Delta R.T. -0.012 min

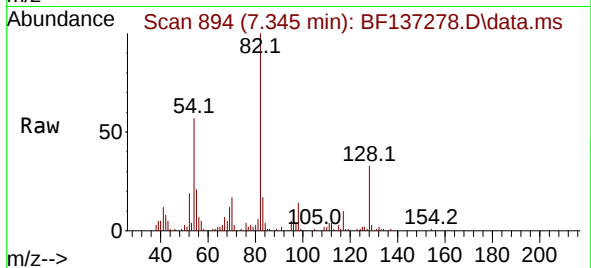
Lab File: BF137278.D

Acq: 05 Feb 2024 15:07

Instrument :

BNA_F

ClientSampleId :



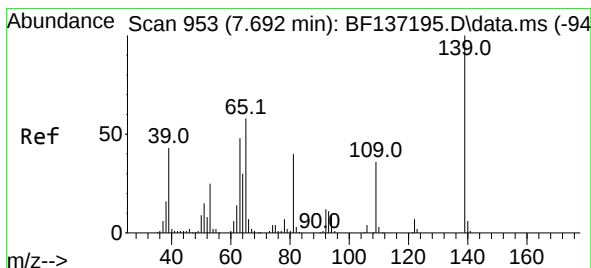
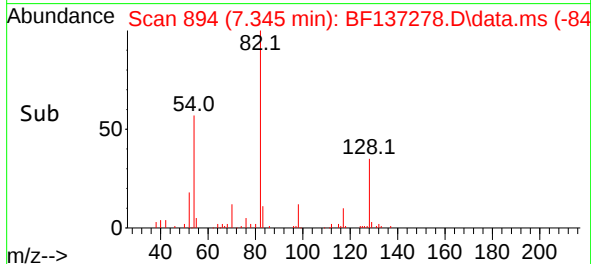
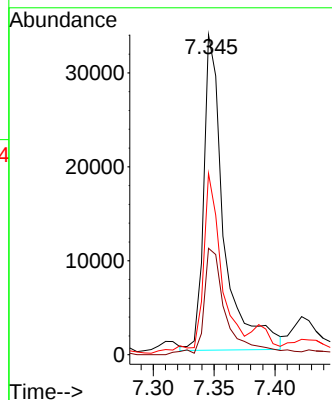
Tgt Ion: 82 Resp: 38945

Ion Ratio Lower Upper

82 100

128 33.3 29.1 43.7

54 56.7 45.0 67.6



#26

2-Nitrophenol

Concen: 2.780 ng

RT: 7.692 min Scan# 953

Delta R.T. 0.000 min

Lab File: BF137278.D

Acq: 05 Feb 2024 15:07

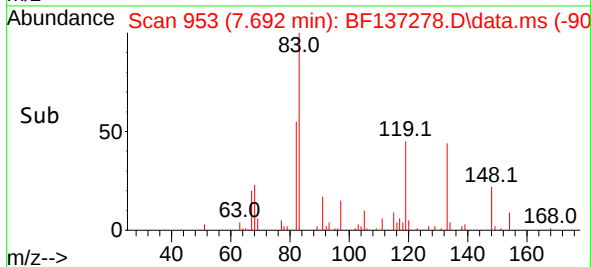
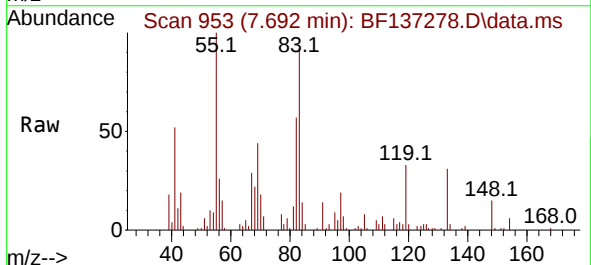
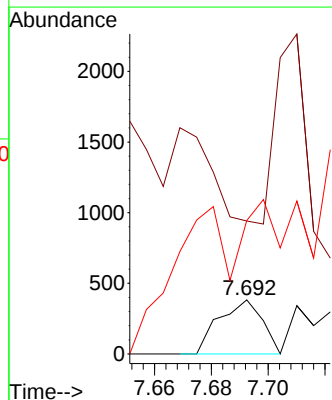
Tgt Ion: 139 Resp: 404

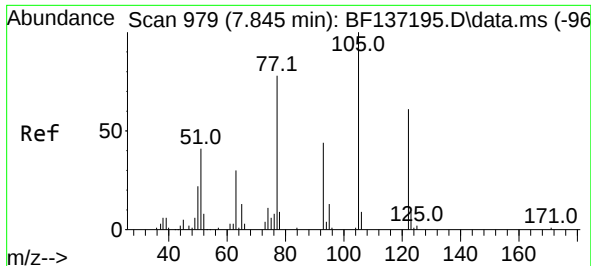
Ion Ratio Lower Upper

139 100

109 245.7 28.5 42.7#

65 246.5 46.7 70.1#





#32

Benzoic acid

Concen: 8.483 ng

RT: 7.863 min Scan# 91

Delta R.T. 0.018 min

Lab File: BF137278.D

Acq: 05 Feb 2024 15:07

Instrument :

BNA_F

ClientSampleId :

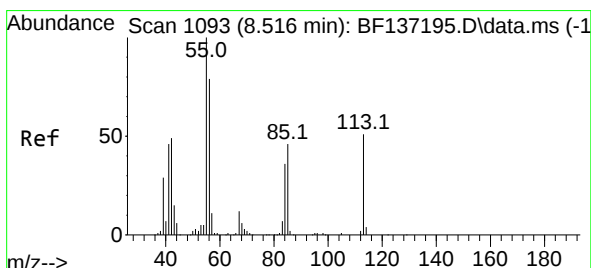
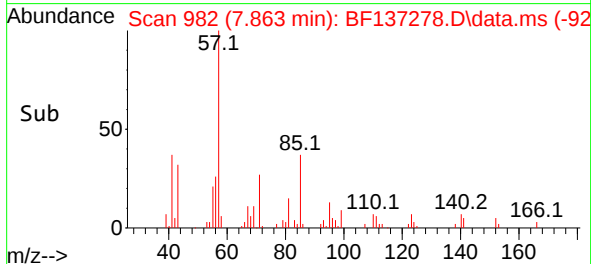
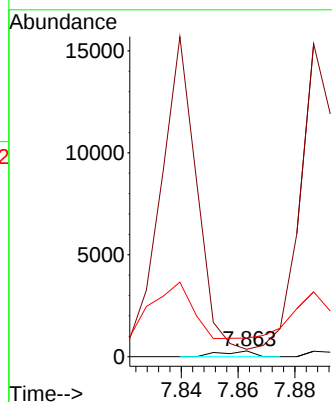
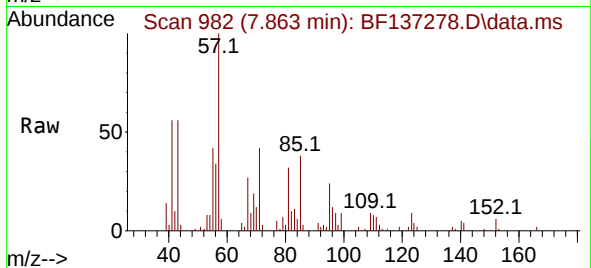
Tgt Ion:122 Resp: 226

Ion Ratio Lower Upper

122 100

105 126.7 122.5 162.5

77 318.2 96.4 136.4#



#35

Caprolactam

Concen: 6.881 ng

RT: 8.498 min Scan# 1090

Delta R.T. -0.017 min

Lab File: BF137278.D

Acq: 05 Feb 2024 15:07

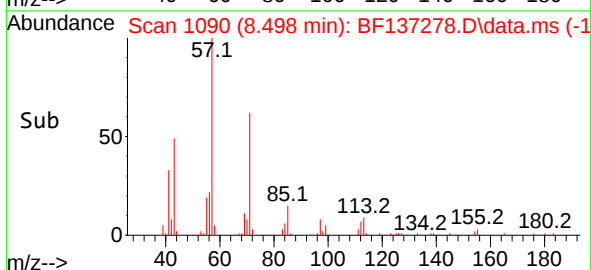
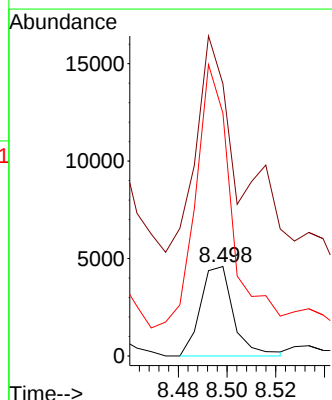
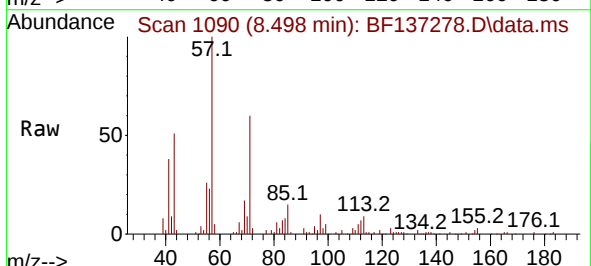
Tgt Ion:113 Resp: 4334

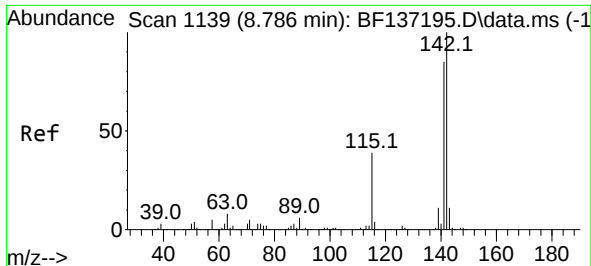
Ion Ratio Lower Upper

113 100

55 304.1 176.0 216.0#

56 271.1 134.0 174.0#

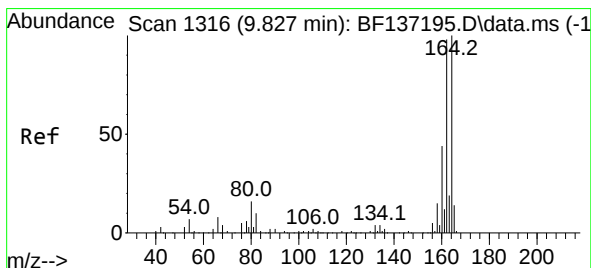
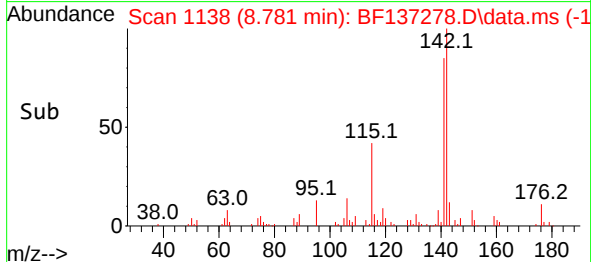
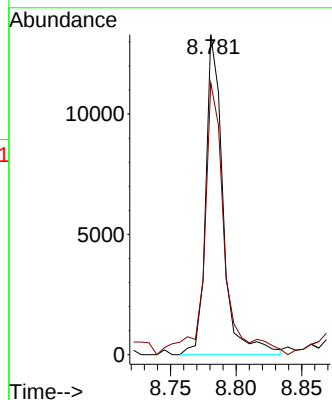
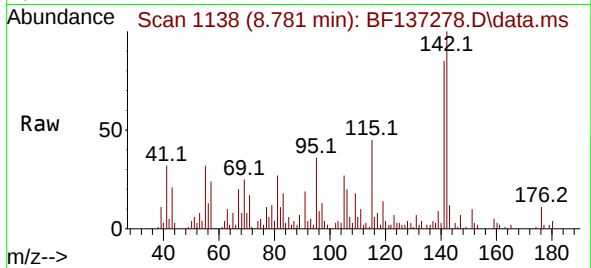




#37
2-Methylnaphthalene
Concen: 2.434 ng
RT: 8.781 min Scan# 1139
Delta R.T. -0.006 min
Lab File: BF137278.D
Acq: 05 Feb 2024 15:07

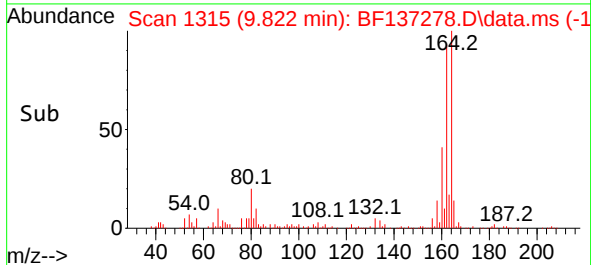
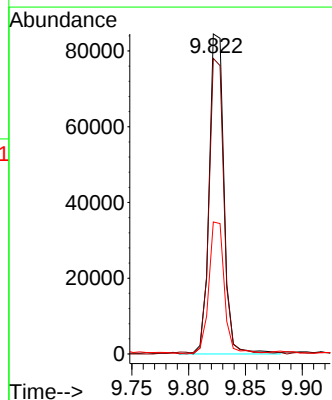
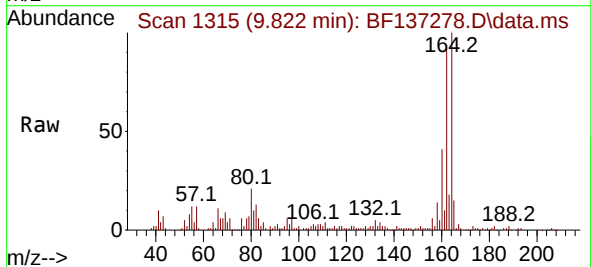
Instrument :
BNA_F
ClientSampleId :

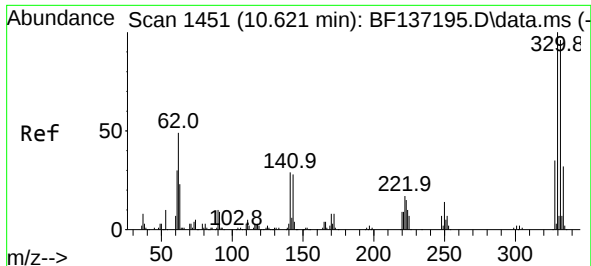
Tgt Ion:142 Resp: 12224
Ion Ratio Lower Upper
142 100
141 84.9 67.8 101.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.822 min Scan# 1315
Delta R.T. -0.005 min
Lab File: BF137278.D
Acq: 05 Feb 2024 15:07

Tgt Ion:164 Resp: 76584
Ion Ratio Lower Upper
164 100
162 92.3 78.3 117.5
160 41.3 35.4 53.2





#42

2,4,6-Tribromophenol

Concen: 18.656 ng

RT: 10.616 min Scan# 1451

Delta R.T. -0.006 min

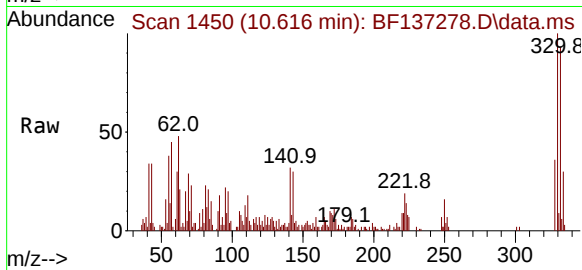
Lab File: BF137278.D

Acq: 05 Feb 2024 15:07

Instrument :

BNA_F

ClientSampleId :



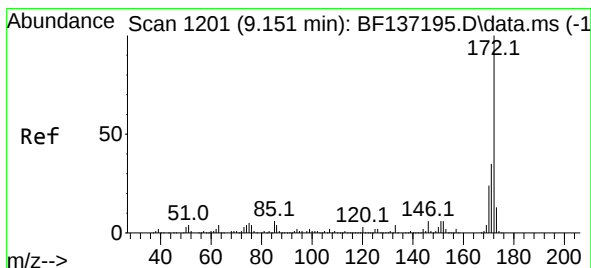
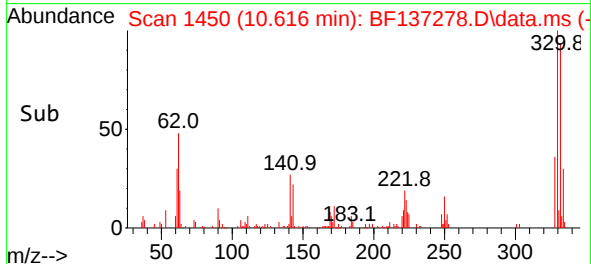
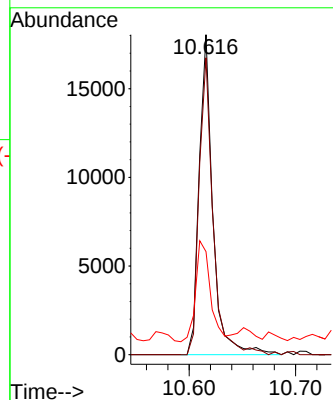
Tgt Ion:330 Resp: 16136

Ion Ratio Lower Upper

330 100

332 94.3 77.3 115.9

141 35.7 25.2 37.8



#45

2-Fluorobiphenyl

Concen: 12.706 ng

RT: 9.145 min Scan# 1200

Delta R.T. -0.006 min

Lab File: BF137278.D

Acq: 05 Feb 2024 15:07

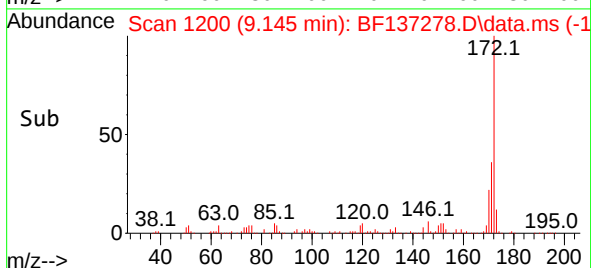
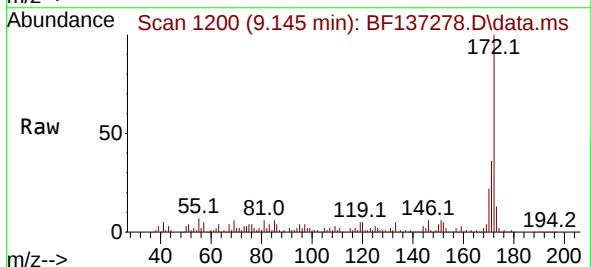
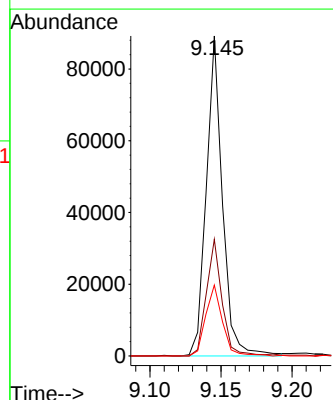
Tgt Ion:172 Resp: 70786

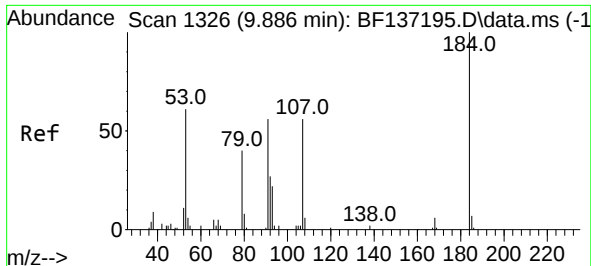
Ion Ratio Lower Upper

172 100

171 36.4 28.3 42.5

170 22.2 19.1 28.7

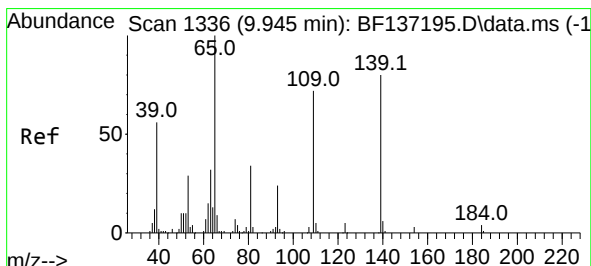
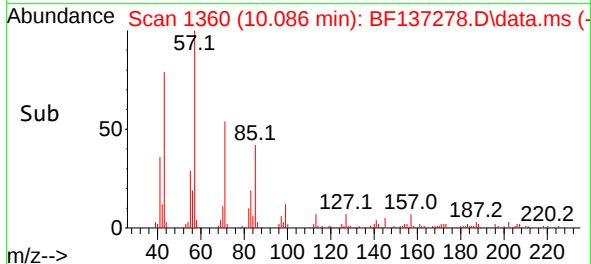
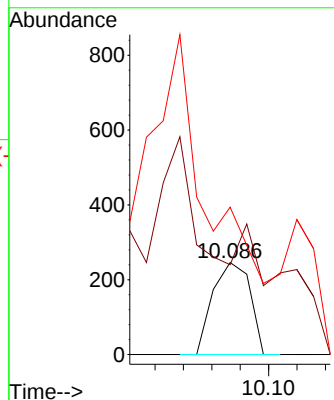
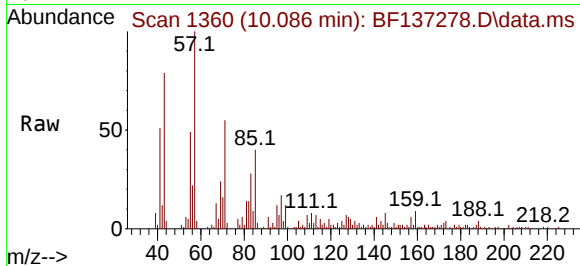




#54
2,4-Dinitrophenol
Concen: 11.939 ng
RT: 10.086 min Scan# 11
Delta R.T. 0.200 min
Lab File: BF137278.D
Acq: 05 Feb 2024 15:07

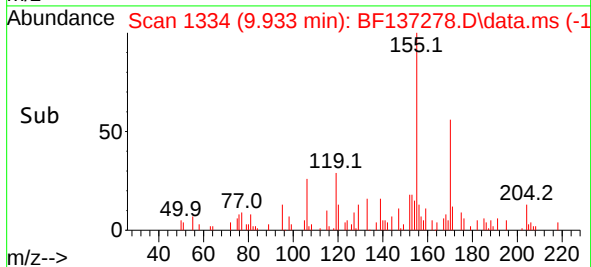
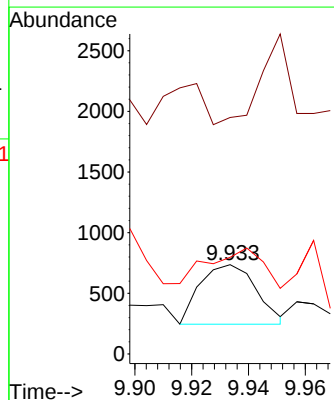
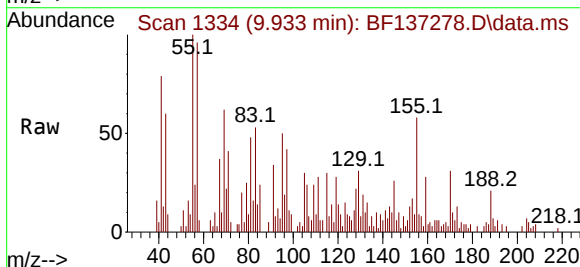
Instrument :
BNA_F
ClientSampleId :

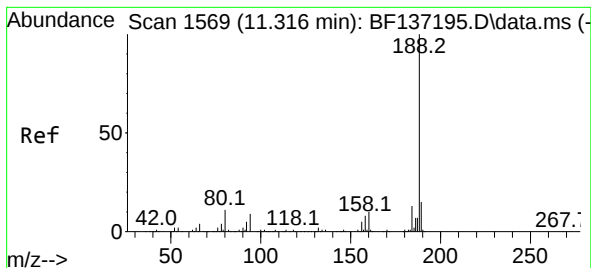
Tgt Ion:184 Resp: 224
Ion Ratio Lower Upper
184 100
63 97.6 71.2 106.8
154 160.2 64.9 97.3#



#56
4-Nitrophenol
Concen: 9.151 ng
RT: 9.933 min Scan# 1334
Delta R.T. -0.012 min
Lab File: BF137278.D
Acq: 05 Feb 2024 15:07

Tgt Ion:139 Resp: 676
Ion Ratio Lower Upper
139 100
109 264.9 70.4 110.4#
65 108.3 107.6 147.6





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.316 min Scan# 11

Delta R.T. -0.000 min

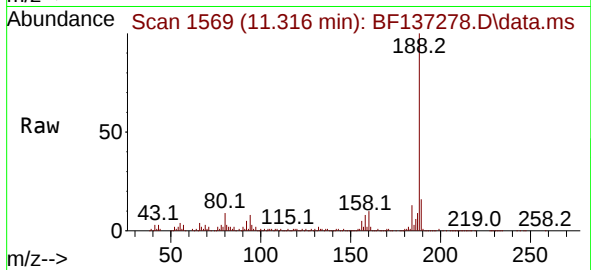
Lab File: BF137278.D

Acq: 05 Feb 2024 15:07

Instrument :

BNA_F

ClientSampleId :



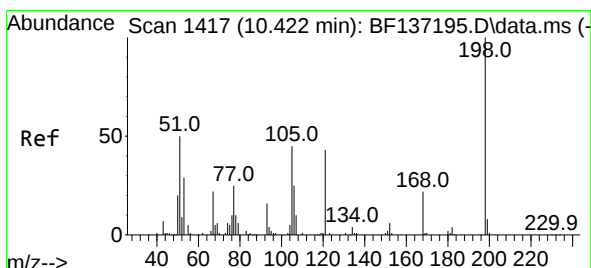
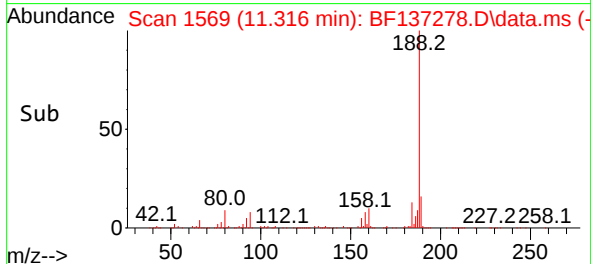
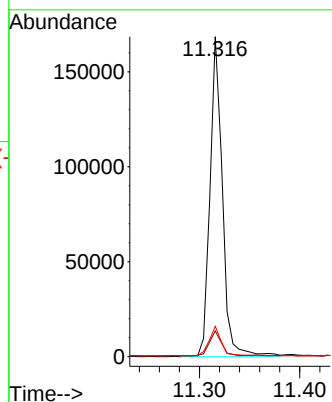
Tgt Ion:188 Resp: 145658

Ion Ratio Lower Upper

188 100

94 8.0 7.0 10.4

80 9.5 8.8 13.2



#65

4,6-Dinitro-2-methylphenol

Concen: 5.527 ng

RT: 10.539 min Scan# 1437

Delta R.T. 0.117 min

Lab File: BF137278.D

Acq: 05 Feb 2024 15:07

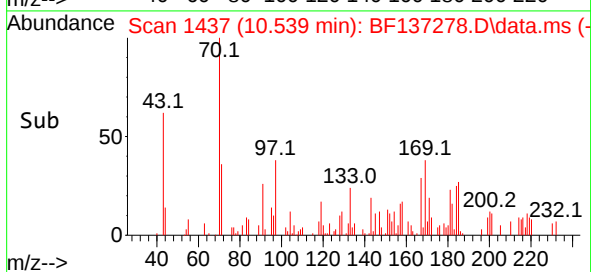
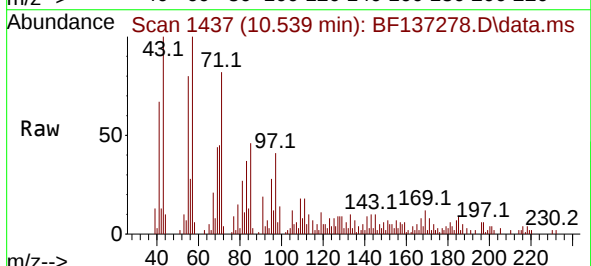
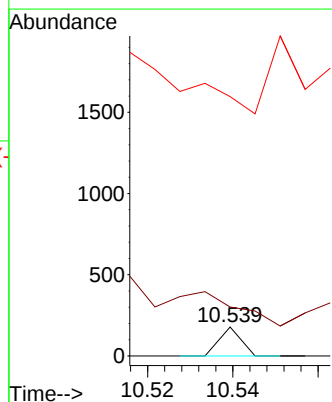
Tgt Ion:198 Resp: 63

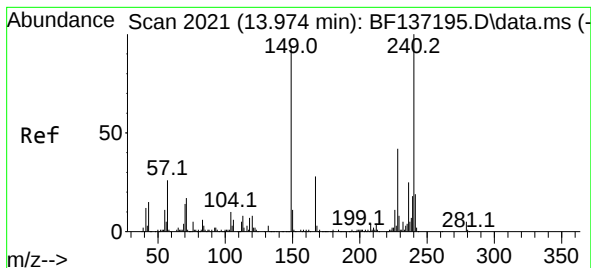
Ion Ratio Lower Upper

198 100

51 169.7 40.9 80.9#

105 897.2 26.5 66.5#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.969 min Scan# 2021

Delta R.T. -0.006 min

Lab File: BF137278.D

Acq: 05 Feb 2024 15:07

Instrument :

BNA_F

ClientSampleId :

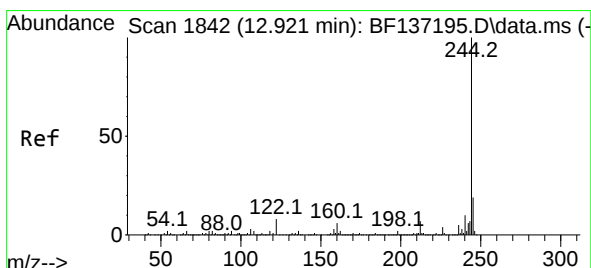
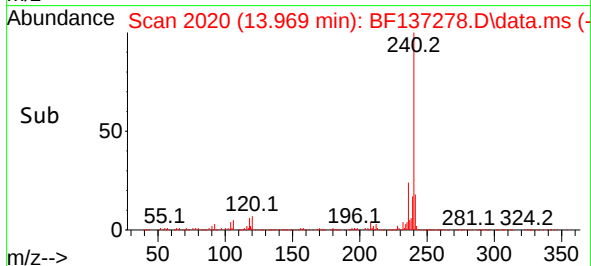
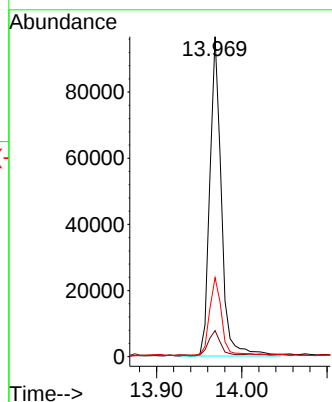
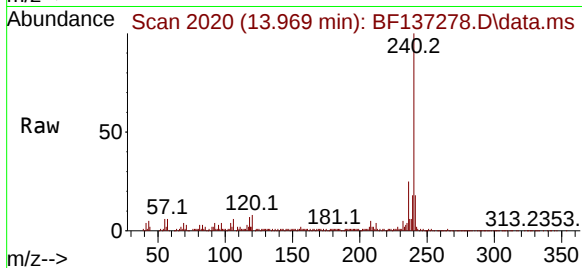
Tgt Ion:240 Resp: 91304

Ion Ratio Lower Upper

240 100

120 8.2 6.3 9.5

236 24.7 20.3 30.5



#79

Terphenyl-d14

Concen: 13.665 ng

RT: 12.916 min Scan# 1841

Delta R.T. -0.006 min

Lab File: BF137278.D

Acq: 05 Feb 2024 15:07

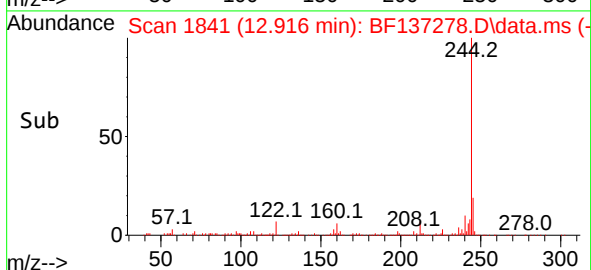
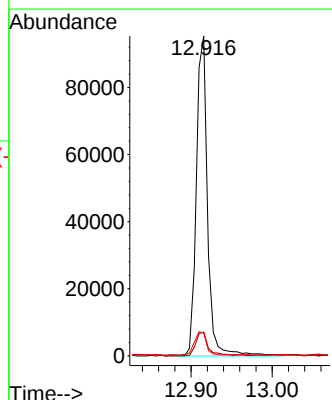
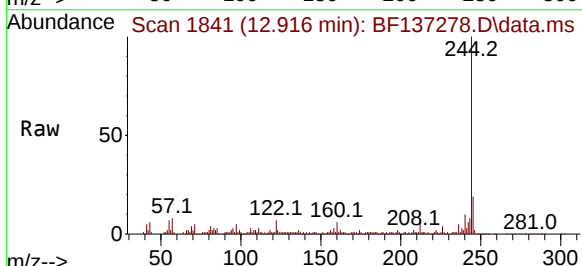
Tgt Ion:244 Resp: 91780

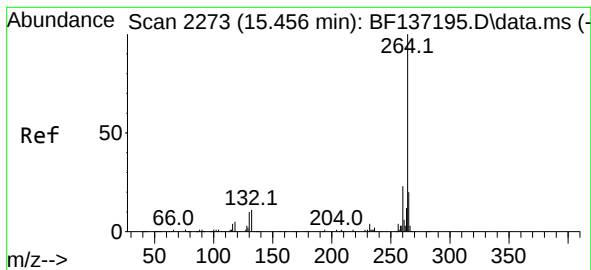
Ion Ratio Lower Upper

244 100

212 7.5 5.5 8.3

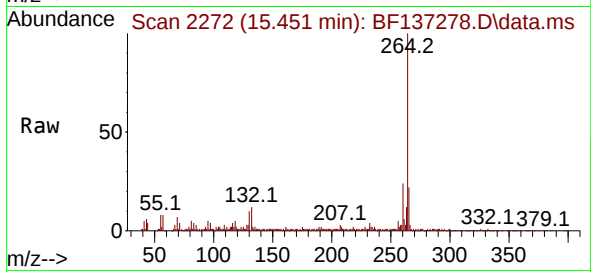
122 7.1 6.2 9.4





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.451 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BF137278.D
 Acq: 05 Feb 2024 15:07

Instrument :
 BNA_F
 ClientSampleId :



Tgt Ion:264 Resp: 80914
 Ion Ratio Lower Upper
 264 100
 260 23.8 18.2 27.4
 265 21.7 16.2 24.2

