

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF013124\
 Data File : BF137216.D
 Acq On : 31 Jan 2024 18:01
 Operator : CG\JU
 Sample : P1276-04
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-37

Quant Time: Feb 01 01:20:28 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)

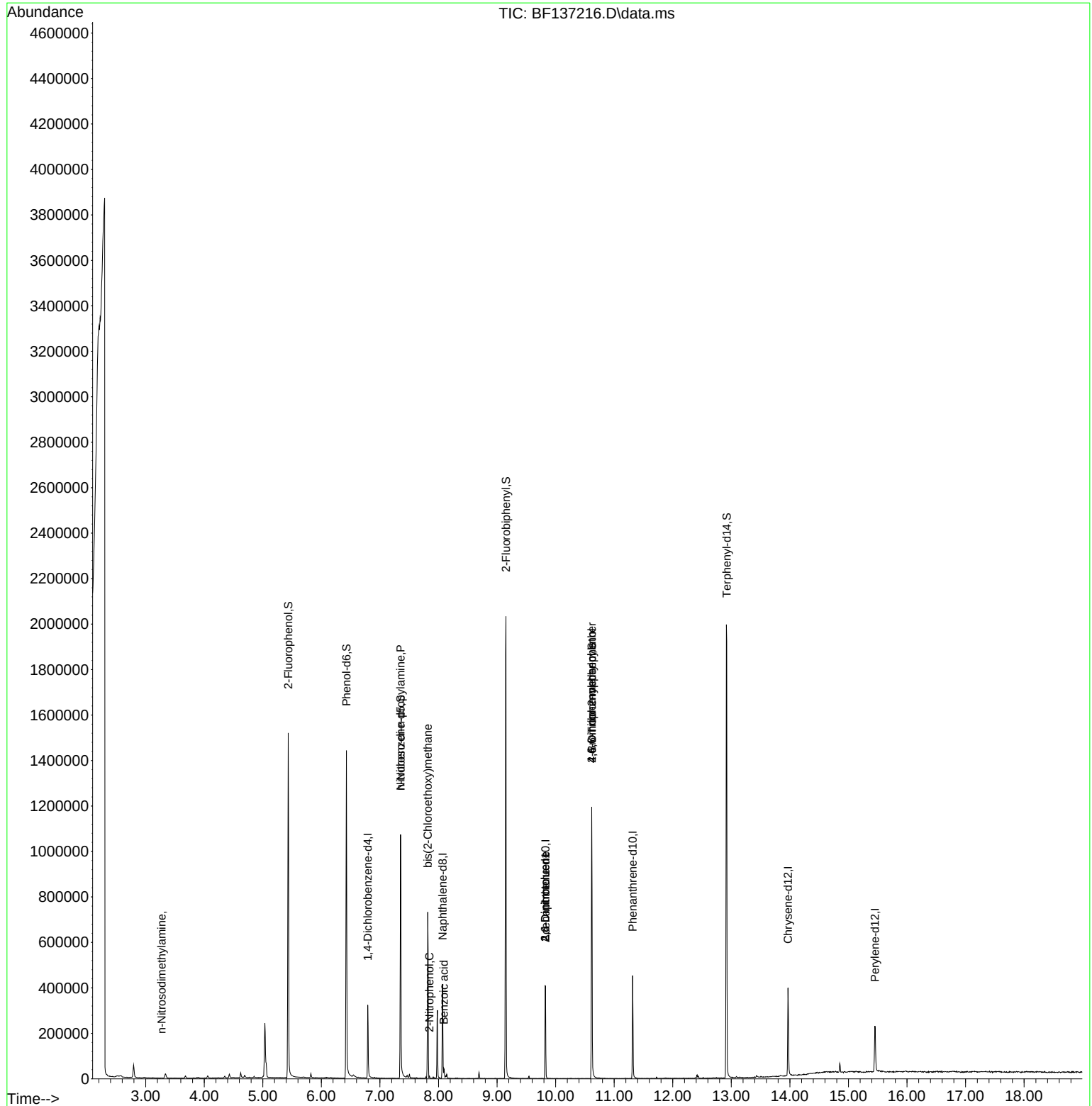
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.793	152	45578	20.000	ng	0.00
21) Naphthalene-d8	8.069	136	167021	20.000	ng	0.00
39) Acenaphthene-d10	9.828	164	90336	20.000	ng	0.00
64) Phenanthrene-d10	11.316	188	164158	20.000	ng	0.00
76) Chrysene-d12	13.969	240	133857	20.000	ng	0.00
86) Perylene-d12	15.451	264	107719	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.434	112	392980	142.272	ng	0.02
7) Phenol-d6	6.428	99	473912	120.225	ng	0.00
23) Nitrobenzene-d5	7.351	82	363360	97.402	ng	0.00
42) 2,4,6-Tribromophenol	10.616	330	143524	140.681	ng	0.00
45) 2-Fluorobiphenyl	9.151	172	653804	99.491	ng	0.00
79) Terphenyl-d14	12.922	244	796352	80.877	ng	0.00
Target Compounds						Qvalue
4) n-Nitrosodimethylamine	3.269	42	510	6.356	ng	# 1
19) n-Nitroso-di-n-propyla...	7.351	70	48899	18.092	ng	# 76
26) 2-Nitrophenol	7.845	139	337	2.678	ng	# 28
28) bis(2-Chloroethoxy)met...	7.816	93	13509	3.694	ng	# 1
32) Benzoic acid	8.092	122	187	8.431	ng	# 9
51) 2,6-Dinitrotoluene	9.822	165	11398	8.758	ng	# 18
57) 2,4-Dinitrotoluene	9.822	165	11398	6.750	ng	# 16
65) 4,6-Dinitro-2-methylph...	10.616	198	331	5.792	ng	# 1
67) 4-Bromophenyl-phenylether	10.616	248	9648	5.345	ng	# 1

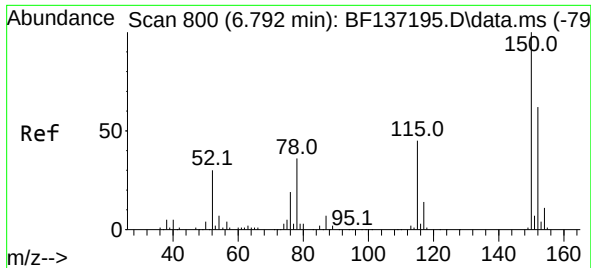
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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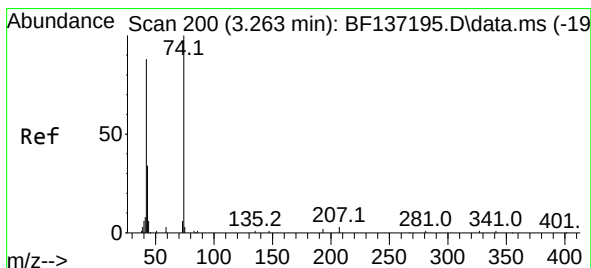
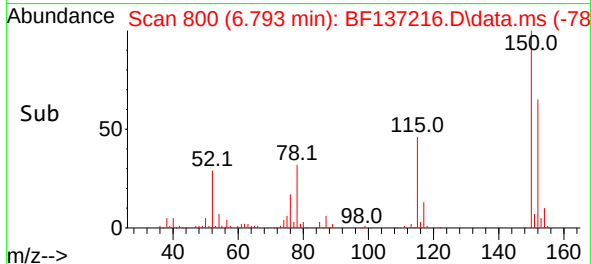
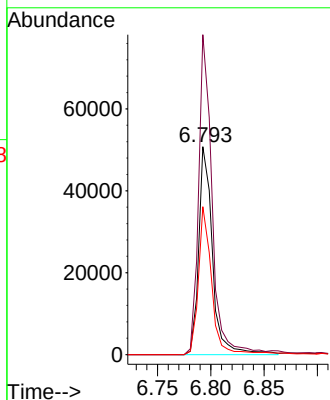
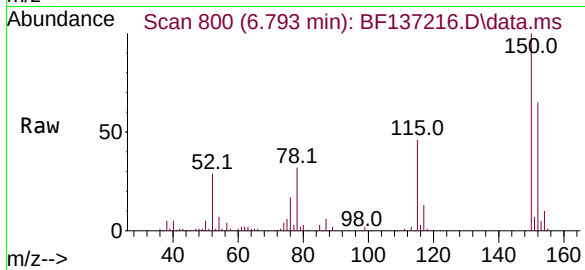




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.793 min Scan# 80
Delta R.T. 0.001 min
Lab File: BF137216.D
Acq: 31 Jan 2024 18:01

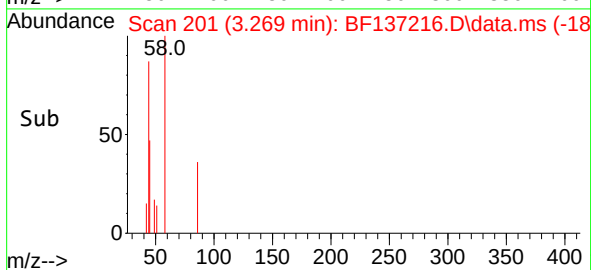
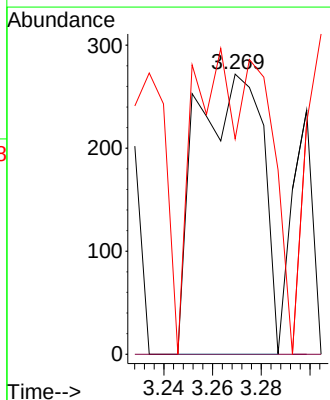
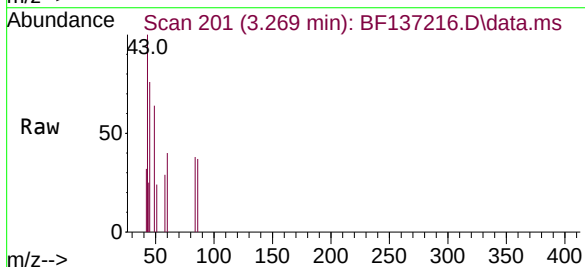
Instrument :
BNA_F
ClientSampleId :
TP-37

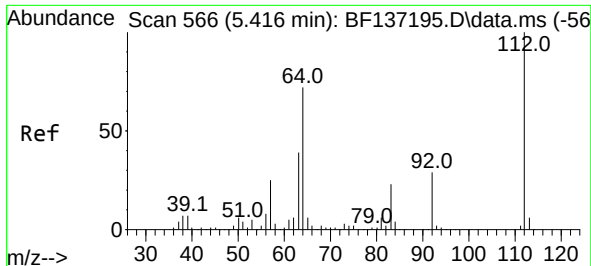
Tgt Ion:152 Resp: 45578
Ion Ratio Lower Upper
152 100
150 153.9 129.8 194.8
115 71.2 58.5 87.7



#4
n-Nitrosodimethylamine
Concen: 6.356 ng
RT: 3.269 min Scan# 201
Delta R.T. 0.006 min
Lab File: BF137216.D
Acq: 31 Jan 2024 18:01

Tgt Ion: 42 Resp: 510
Ion Ratio Lower Upper
42 100
74 0.0 90.5 135.7#
44 76.8 6.1 9.1#

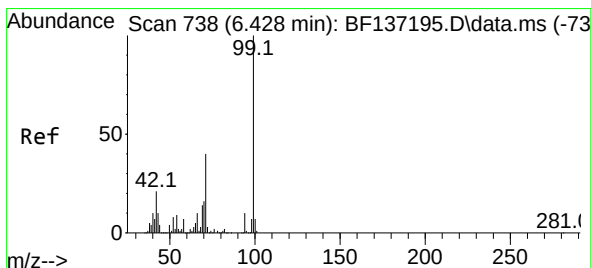
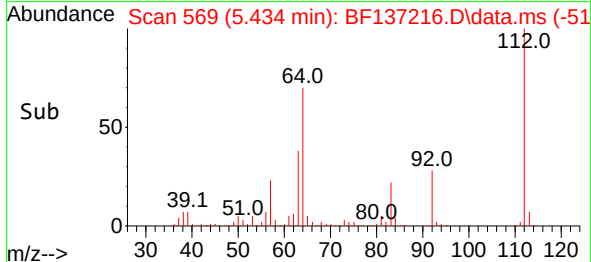
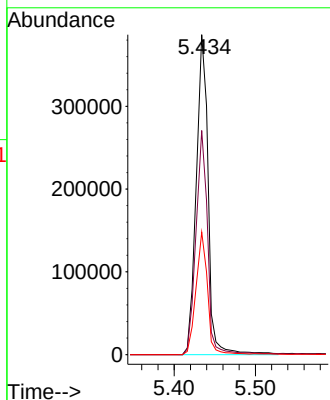
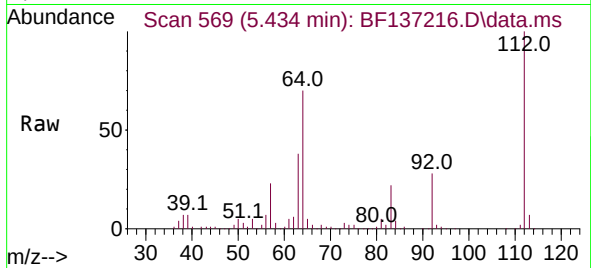




#5
2-Fluorophenol
Concen: 142.272 ng
RT: 5.434 min Scan# 566
Delta R.T. 0.018 min
Lab File: BF137216.D
Acq: 31 Jan 2024 18:01

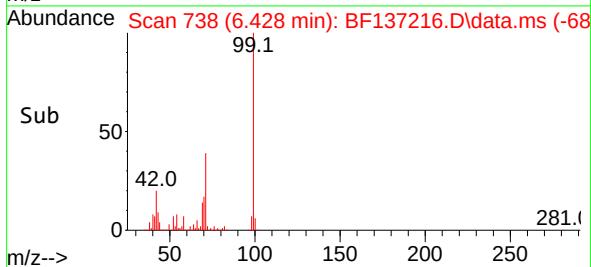
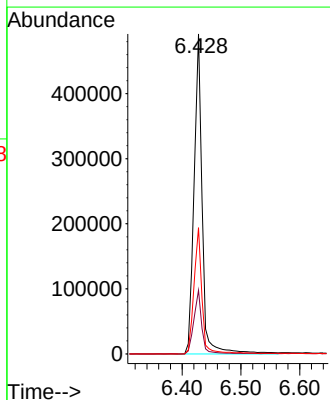
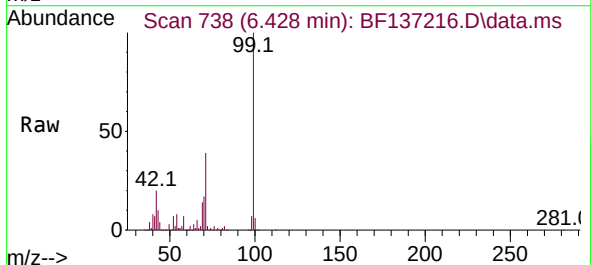
Instrument :
BNA_F
ClientSampleId :
TP-37

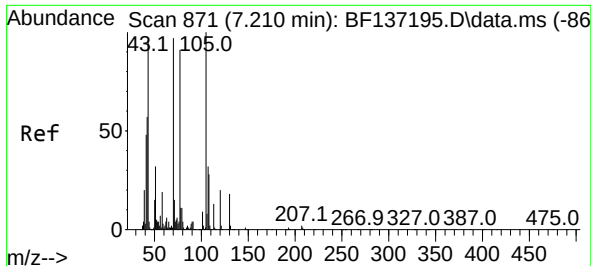
Tgt Ion:112 Resp: 392980
Ion Ratio Lower Upper
112 100
64 70.0 57.8 86.6
63 38.3 31.4 47.0



#7
Phenol-d6
Concen: 120.225 ng
RT: 6.428 min Scan# 738
Delta R.T. 0.000 min
Lab File: BF137216.D
Acq: 31 Jan 2024 18:01

Tgt Ion: 99 Resp: 473912
Ion Ratio Lower Upper
99 100
42 19.9 16.4 24.6
71 39.4 32.4 48.6





#19

n-Nitroso-di-n-propylamine

Concen: 18.092 ng

RT: 7.351 min Scan# 89

Delta R.T. 0.141 min

Lab File: BF137216.D

Acq: 31 Jan 2024 18:01

Instrument :

BNA_F

ClientSampleId :

TP-37

Tgt Ion: 70 Resp: 48899

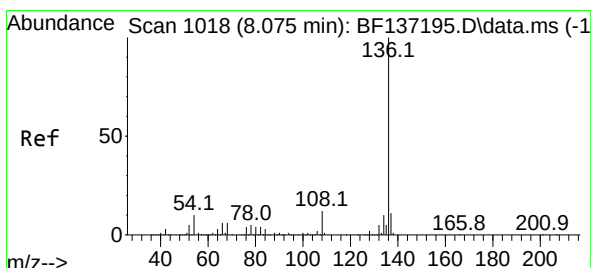
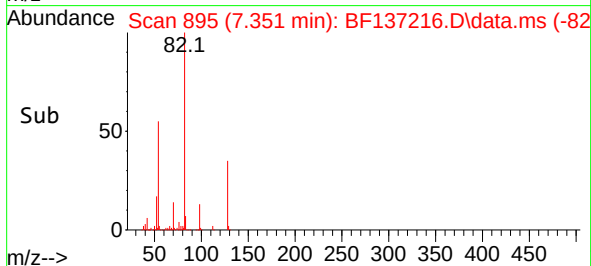
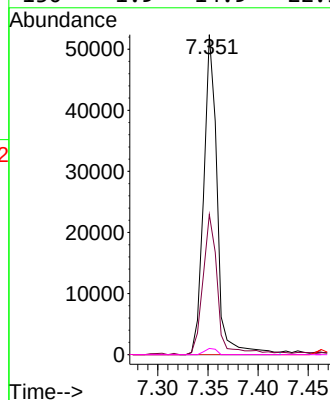
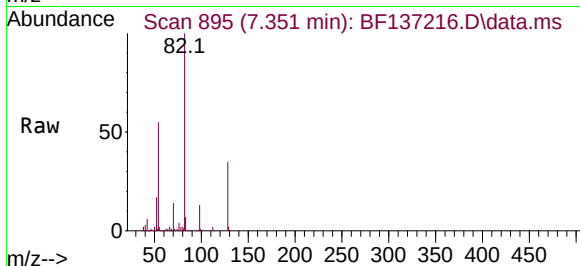
Ion Ratio Lower Upper

70 100

42 43.8 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: 8.069 min Scan# 1017

Delta R.T. -0.006 min

Lab File: BF137216.D

Acq: 31 Jan 2024 18:01

Tgt Ion:136 Resp: 167021

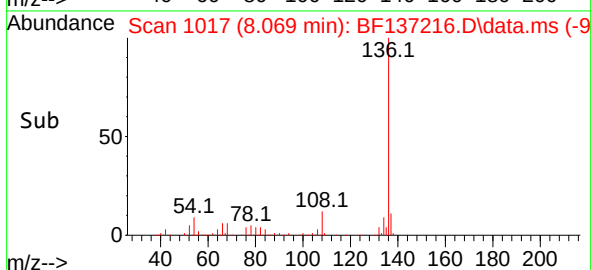
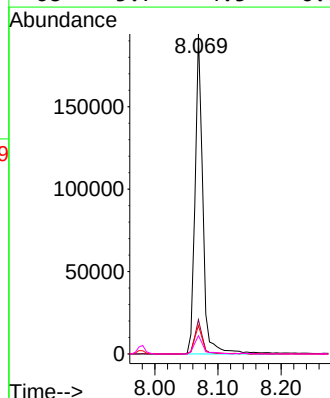
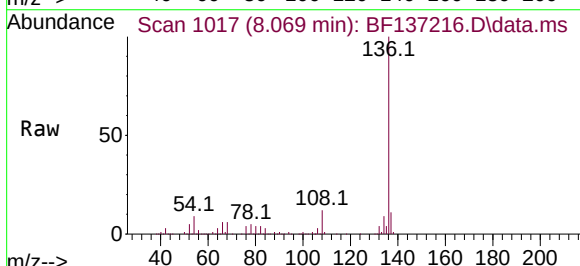
Ion Ratio Lower Upper

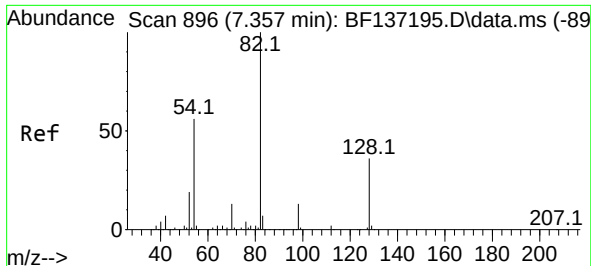
136 100

137 10.7 8.9 13.3

54 8.8 7.8 11.8

68 5.7 4.5 6.7

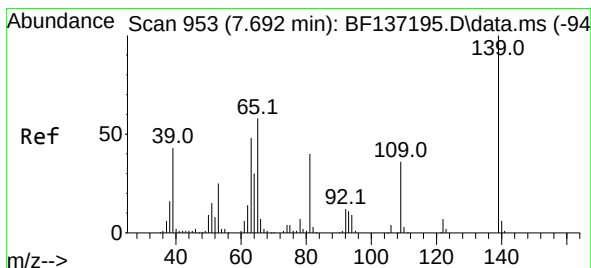
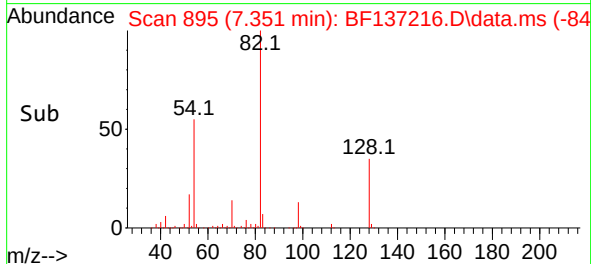
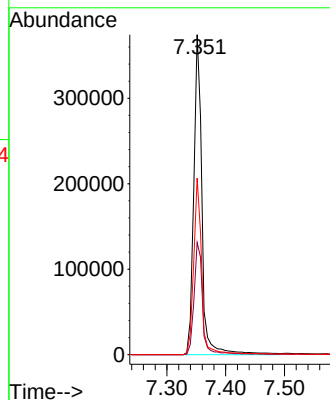
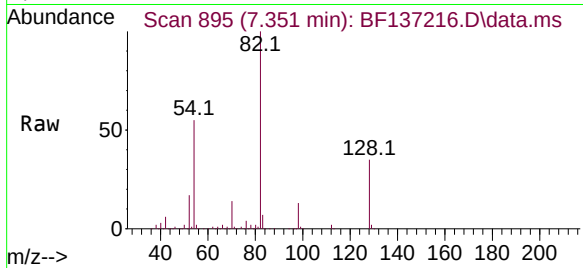




#23
Nitrobenzene-d5
Concen: 97.402 ng
RT: 7.351 min Scan# 89
Delta R.T. -0.006 min
Lab File: BF137216.D
Acq: 31 Jan 2024 18:01

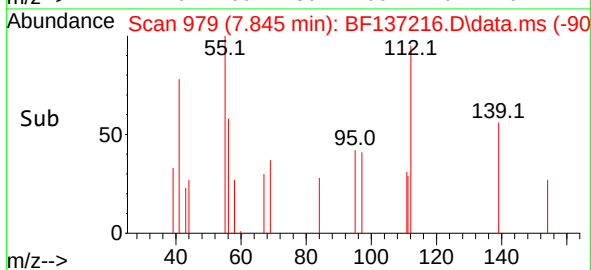
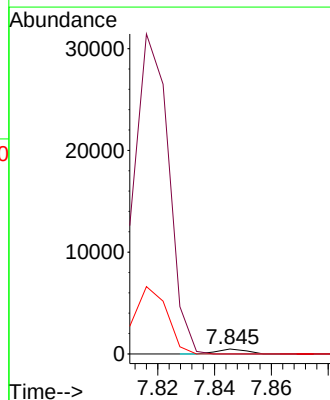
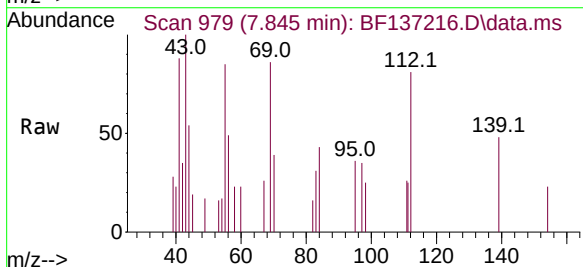
Instrument :
BNA_F
ClientSampleId :
TP-37

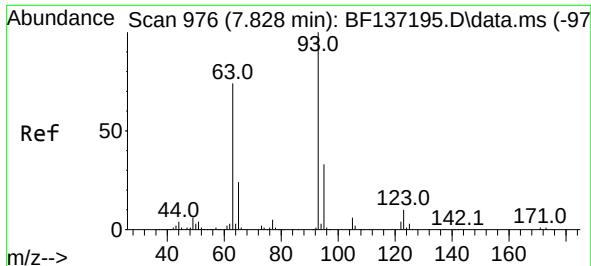
Tgt Ion: 82 Resp: 363360
Ion Ratio Lower Upper
82 100
128 35.0 29.1 43.7
54 55.2 45.0 67.6



#26
2-Nitrophenol
Concen: 2.678 ng
RT: 7.845 min Scan# 979
Delta R.T. 0.153 min
Lab File: BF137216.D
Acq: 31 Jan 2024 18:01

Tgt Ion:139 Resp: 337
Ion Ratio Lower Upper
139 100
109 0.0 28.5 42.7#
65 0.0 46.7 70.1#





#28

bis(2-Chloroethoxy)methane

Concen: 3.694 ng

RT: 7.816 min Scan# 91

Delta R.T. -0.012 min

Lab File: BF137216.D

Acq: 31 Jan 2024 18:01

Instrument :

BNA_F

ClientSampleId :

TP-37

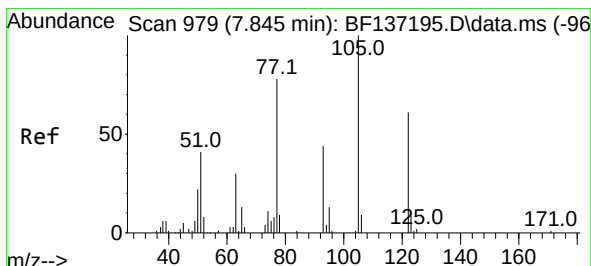
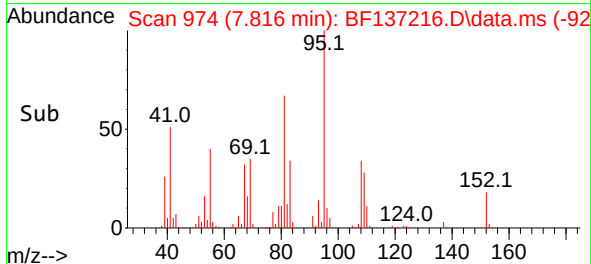
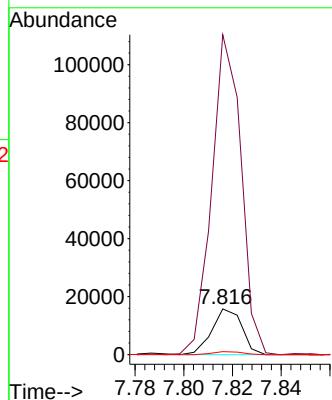
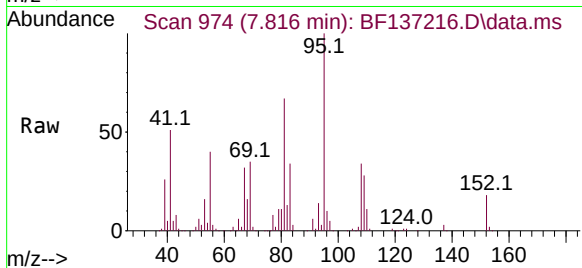
Tgt Ion: 93 Resp: 13509

Ion Ratio Lower Upper

93 100

95 699.7 26.1 39.1#

123 6.4 7.8 11.8#



#32

Benzoic acid

Concen: 8.431 ng

RT: 8.092 min Scan# 1021

Delta R.T. 0.247 min

Lab File: BF137216.D

Acq: 31 Jan 2024 18:01

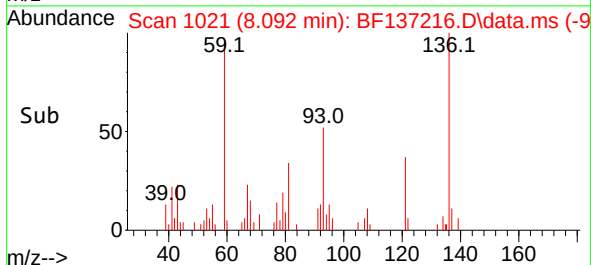
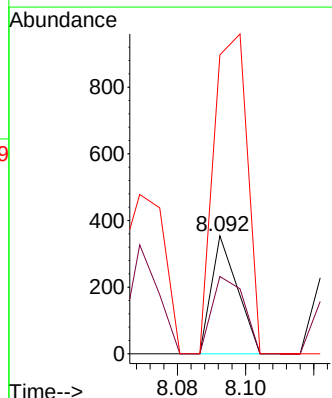
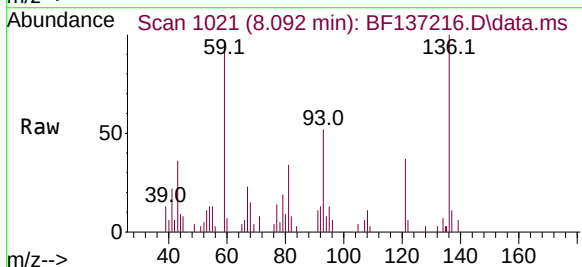
Tgt Ion:122 Resp: 187

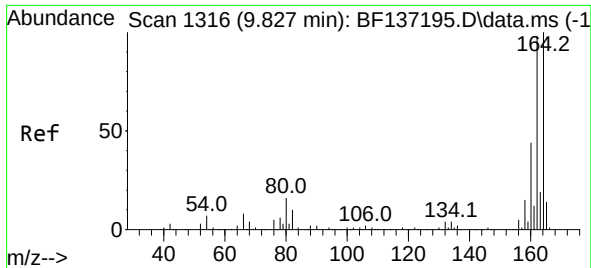
Ion Ratio Lower Upper

122 100

105 65.5 122.5 162.5#

77 253.4 96.4 136.4#



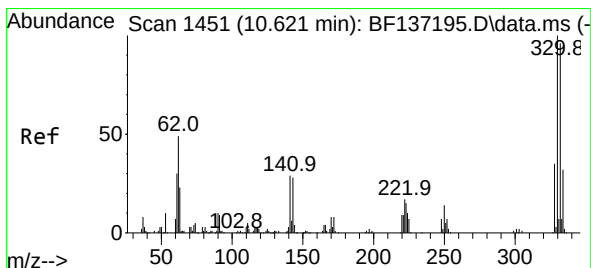
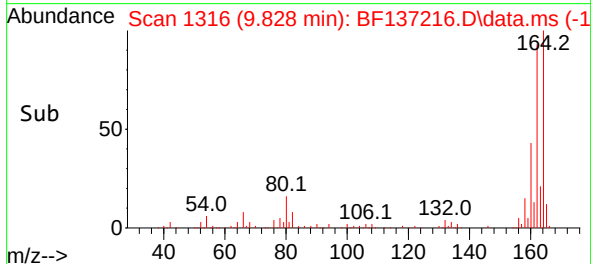
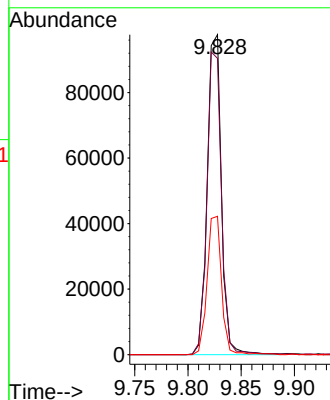
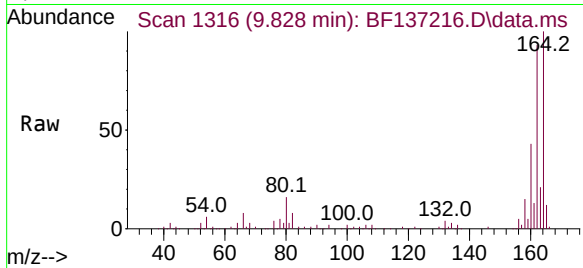


#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.828 min Scan# 1316
 Delta R.T. 0.001 min
 Lab File: BF137216.D
 Acq: 31 Jan 2024 18:01

Instrument :
 BNA_F
 ClientSampleId :
 TP-37

Tgt Ion:164 Resp: 90336

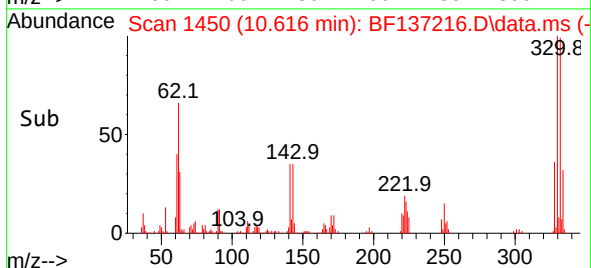
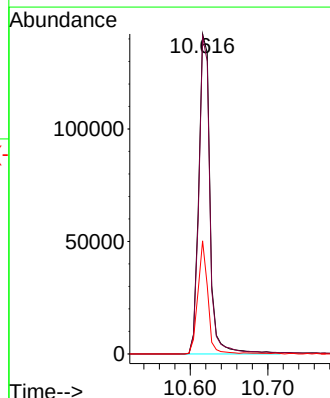
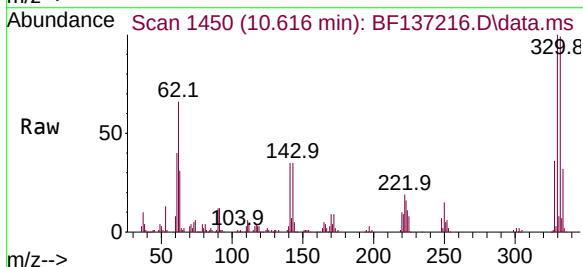
Ion	Ratio	Lower	Upper
164	100		
162	92.6	78.3	117.5
160	43.2	35.4	53.2

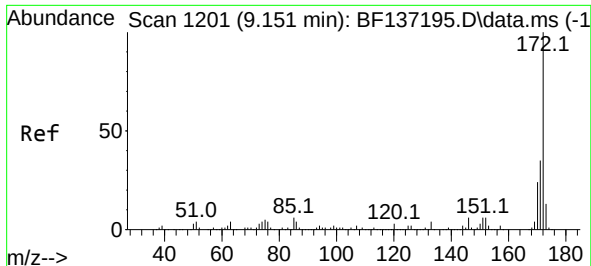


#42
 2,4,6-Tribromophenol
 Concen: 140.681 ng
 RT: 10.616 min Scan# 1450
 Delta R.T. -0.006 min
 Lab File: BF137216.D
 Acq: 31 Jan 2024 18:01

Tgt Ion:330 Resp: 143524

Ion	Ratio	Lower	Upper
330	100		
332	97.2	77.3	115.9
141	30.9	25.2	37.8

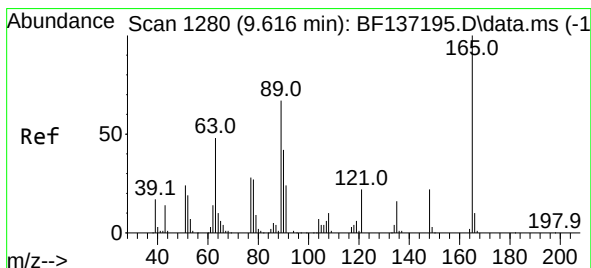
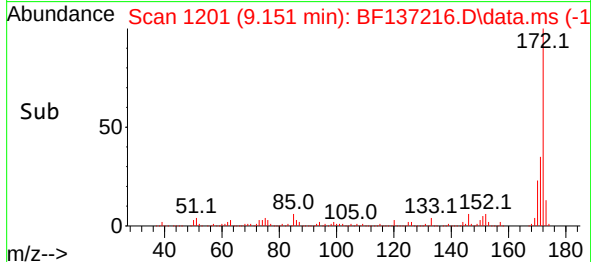
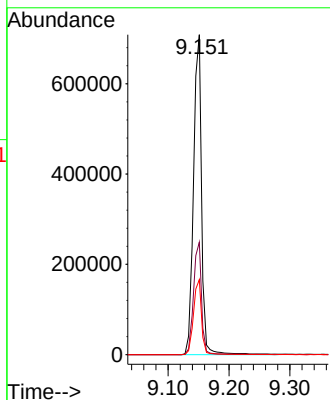
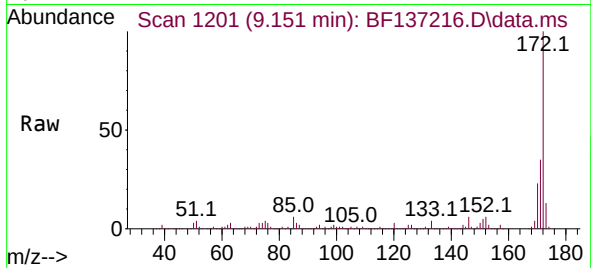




#45
2-Fluorobiphenyl
Concen: 99.491 ng
RT: 9.151 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF137216.D
Acq: 31 Jan 2024 18:01

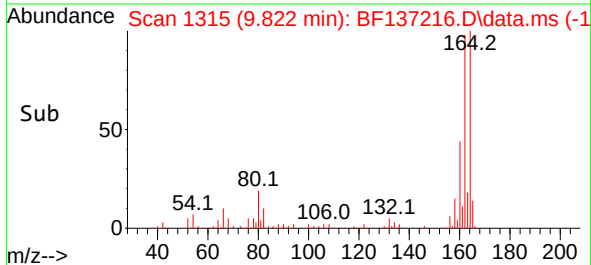
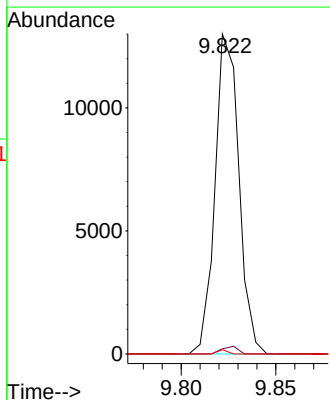
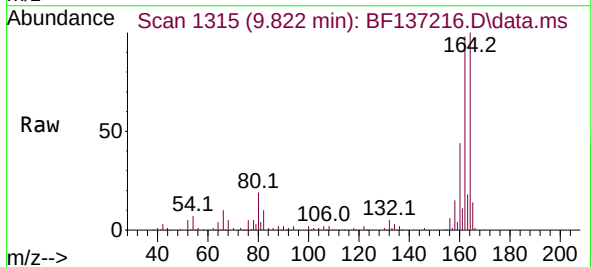
Instrument :
BNA_F
ClientSampleId :
TP-37

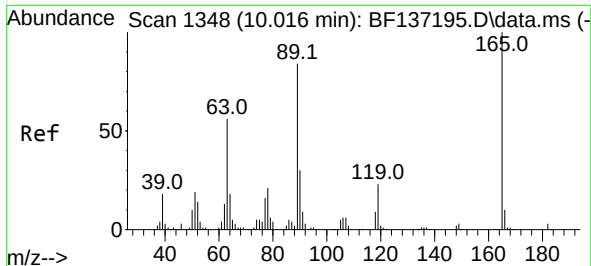
Tgt Ion:172 Resp: 653804
Ion Ratio Lower Upper
172 100
171 35.1 28.3 42.5
170 23.4 19.1 28.7



#51
2,6-Dinitrotoluene
Concen: 8.758 ng
RT: 9.822 min Scan# 1315
Delta R.T. 0.206 min
Lab File: BF137216.D
Acq: 31 Jan 2024 18:01

Tgt Ion:165 Resp: 11398
Ion Ratio Lower Upper
165 100
63 1.6 55.1 82.7#
89 1.4 53.5 80.3#

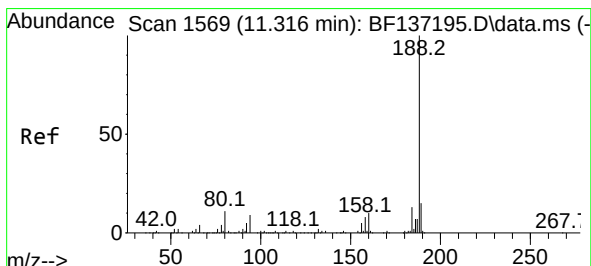
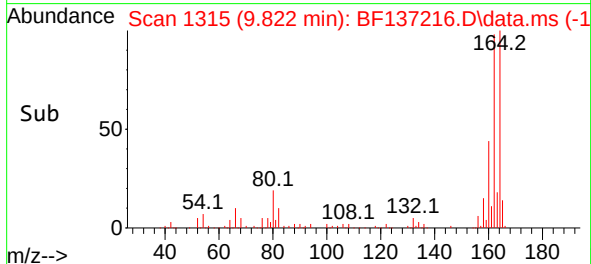
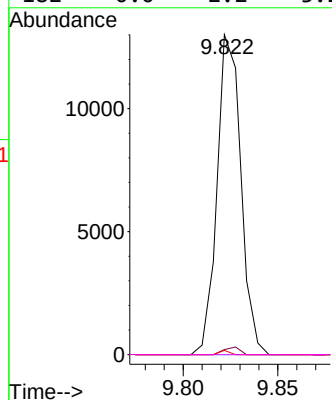
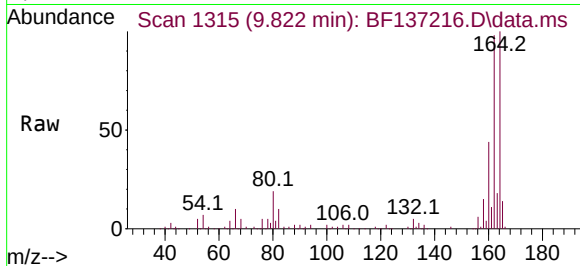




#57
2,4-Dinitrotoluene
Concen: 6.750 ng
RT: 9.822 min Scan# 1348
Delta R.T. -0.194 min
Lab File: BF137216.D
Acq: 31 Jan 2024 18:01

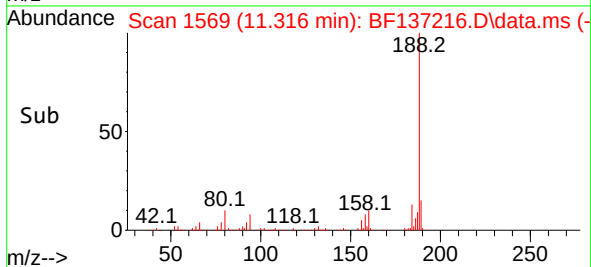
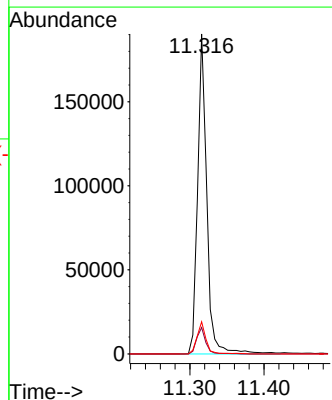
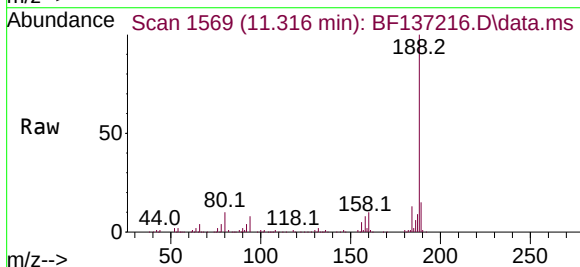
Instrument :
BNA_F
ClientSampleId :
TP-37

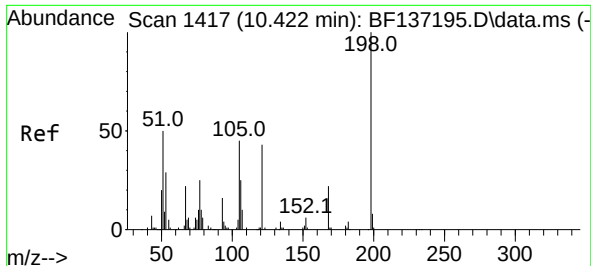
Tgt Ion:165 Resp: 11398
Ion Ratio Lower Upper
165 100
63 1.6 46.1 69.1#
89 1.4 67.5 101.3#
182 0.0 2.2 3.2#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.316 min Scan# 1569
Delta R.T. -0.000 min
Lab File: BF137216.D
Acq: 31 Jan 2024 18:01

Tgt Ion:188 Resp: 164158
Ion Ratio Lower Upper
188 100
94 8.2 7.0 10.4
80 10.0 8.8 13.2





#65

4,6-Dinitro-2-methylphenol

Concen: 5.792 ng

RT: 10.616 min Scan# 1417

Delta R.T. 0.194 min

Lab File: BF137216.D

Acq: 31 Jan 2024 18:01

Instrument :

BNA_F

ClientSampleId :

TP-37

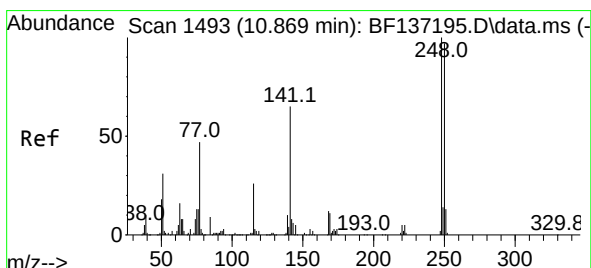
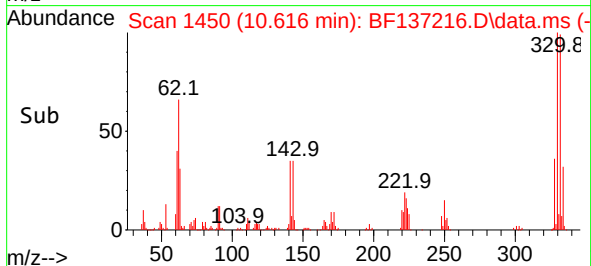
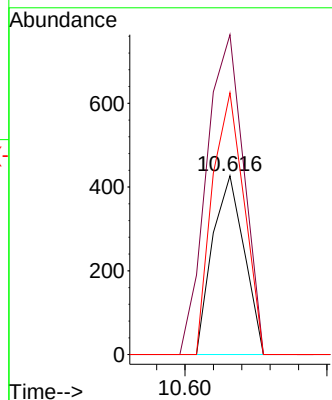
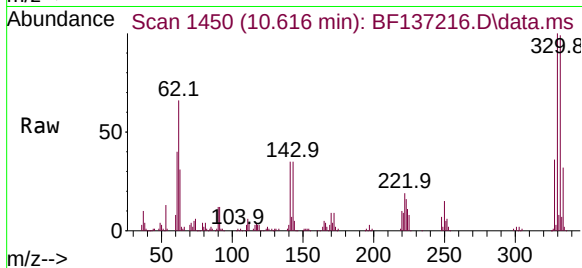
Tgt Ion:198 Resp: 331

Ion Ratio Lower Upper

198 100

51 178.9 40.9 80.9#

105 146.4 26.5 66.5#



#67

4-Bromophenyl-phenylether

Concen: 5.345 ng

RT: 10.616 min Scan# 1450

Delta R.T. -0.253 min

Lab File: BF137216.D

Acq: 31 Jan 2024 18:01

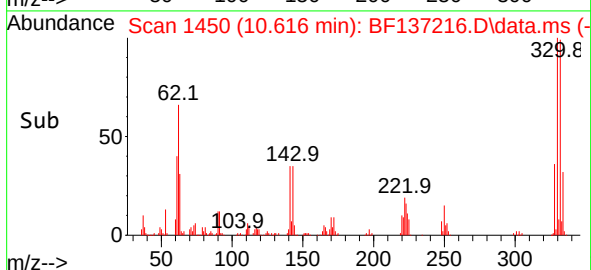
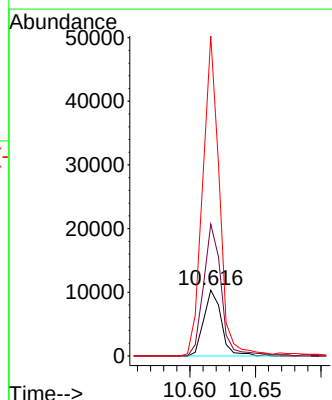
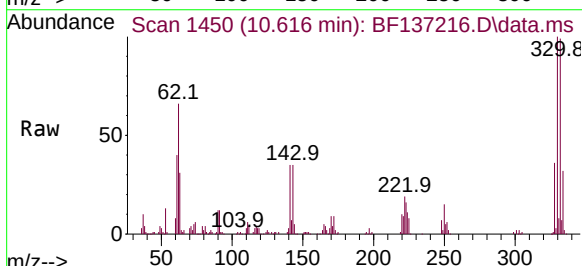
Tgt Ion:248 Resp: 9648

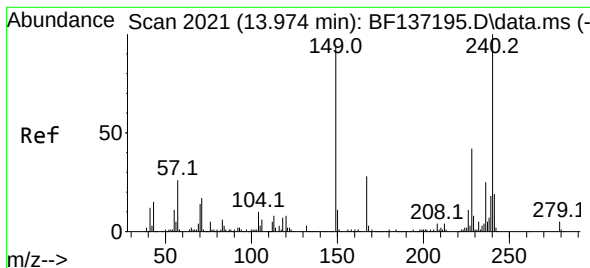
Ion Ratio Lower Upper

248 100

250 200.7 77.7 116.5#

141 487.5 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: BF137216.D

Acq: 31 Jan 2024 18:01

Instrument :

BNA_F

ClientSampleId :

TP-37

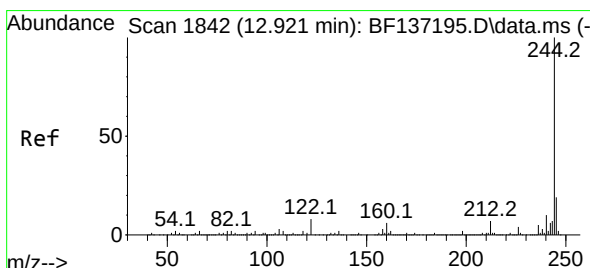
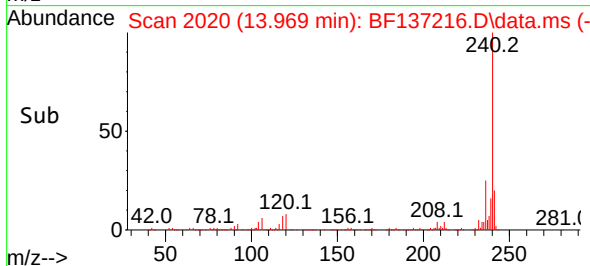
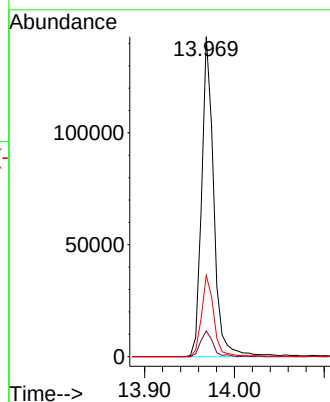
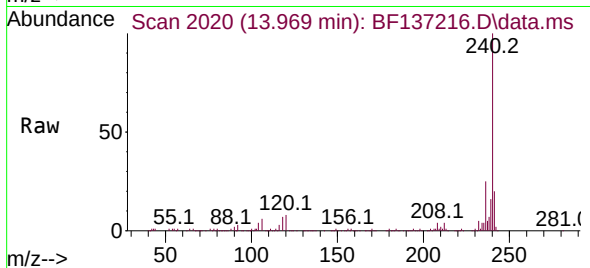
Tgt Ion:240 Resp: 133857

Ion Ratio Lower Upper

240 100

120 8.0 6.3 9.5

236 25.4 20.3 30.5



#79

Terphenyl-d14

Concen: 80.877 ng

RT: 12.922 min Scan# 1842

Delta R.T. 0.000 min

Lab File: BF137216.D

Acq: 31 Jan 2024 18:01

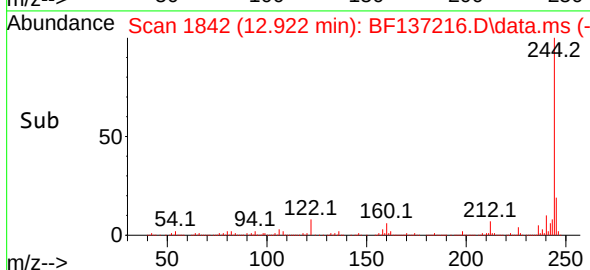
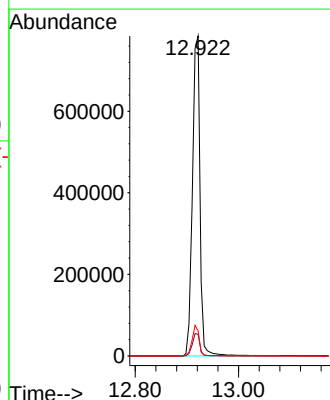
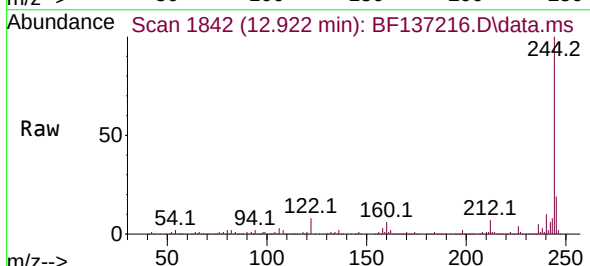
Tgt Ion:244 Resp: 796352

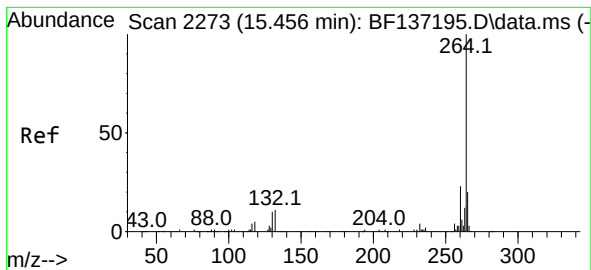
Ion Ratio Lower Upper

244 100

212 6.7 5.5 8.3

122 7.8 6.2 9.4





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.451 min Scan# 22

Delta R.T. -0.006 min

Lab File: BF137216.D

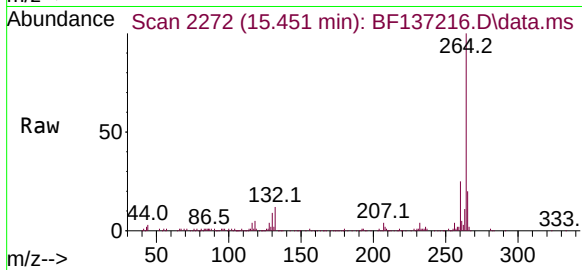
Acq: 31 Jan 2024 18:01

Instrument :

BNA_F

ClientSampleId :

TP-37



Tgt Ion:264 Resp: 107719

Ion Ratio Lower Upper

264 100

260 24.7 18.2 27.4

265 20.3 16.2 24.2

