

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050824\
 Data File : BF137855.D
 Acq On : 08 May 2024 15:14
 Operator : CG\JU
 Sample : P2412-01
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SS-1-COMP

Quant Time: May 08 15:40:18 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF043024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 01 03:25:08 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

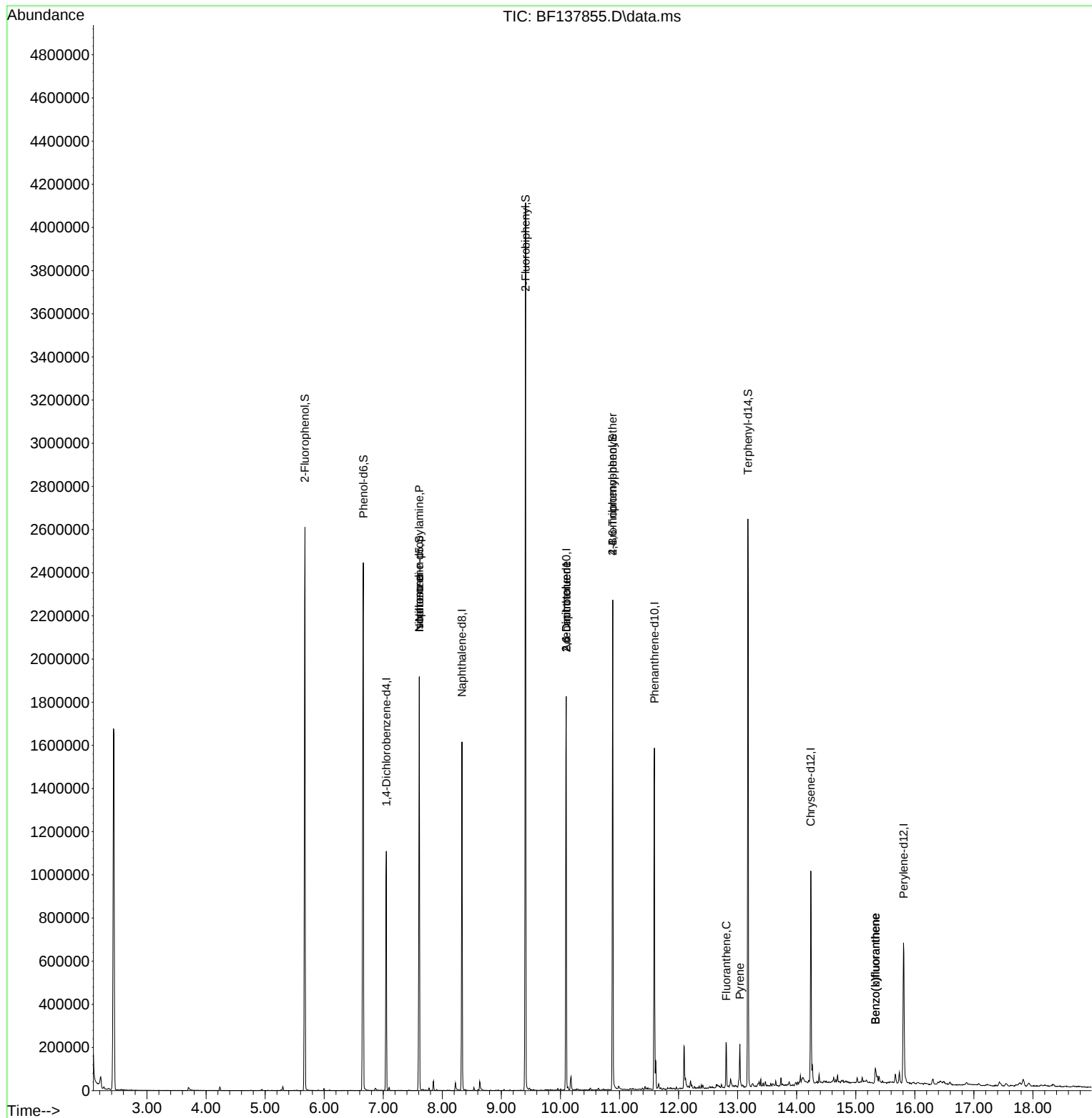
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.051	152	167405	20.000	ng	0.00
21) Naphthalene-d8	8.334	136	664423	20.000	ng	-0.01
39) Acenaphthene-d10	10.098	164	381230	20.000	ng	-0.01
64) Phenanthrene-d10	11.592	188	578880	20.000	ng	# 0.00
76) Chrysene-d12	14.239	240	310649	20.000	ng	-0.01
86) Perylene-d12	15.809	264	322402	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.675	112	755708	75.582	ng	0.00
7) Phenol-d6	6.663	99	968044	76.331	ng	-0.01
23) Nitrobenzene-d5	7.610	82	591010	51.679	ng	-0.01
42) 2,4,6-Tribromophenol	10.886	330	273920	70.372	ng	-0.01
45) 2-Fluorobiphenyl	9.410	172	1206454	51.342	ng	-0.01
79) Terphenyl-d14	13.174	244	924290	49.863	ng	-0.01
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.610	70	77334	10.204	ng	# 75
25) Isophorone	7.610	82	590994	28.662	ng	# 64
51) 2,6-Dinitrotoluene	10.098	165	49375	8.977	ng	# 26
57) 2,4-Dinitrotoluene	10.098	165	49376	6.872	ng	# 26
67) 4-Bromophenyl-phenylether	10.886	248	17544	2.832	ng	# 1
75) Fluoranthene	12.810	202	77329	2.507	ng	97
78) Pyrene	13.039	202	70081	2.845	ng	97
88) Benzo(b)fluoranthene	15.333	252	52339	2.609	ng	# 90
89) Benzo(k)fluoranthene	15.333	252	52339	2.700	ng	# 91

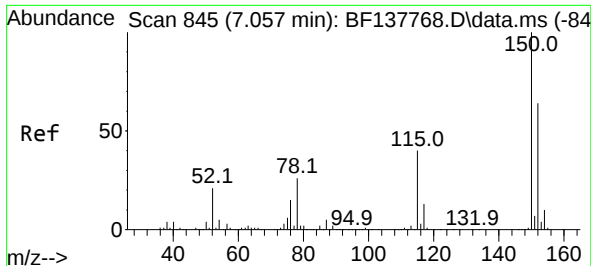
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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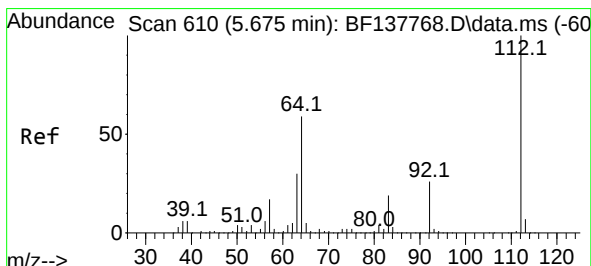
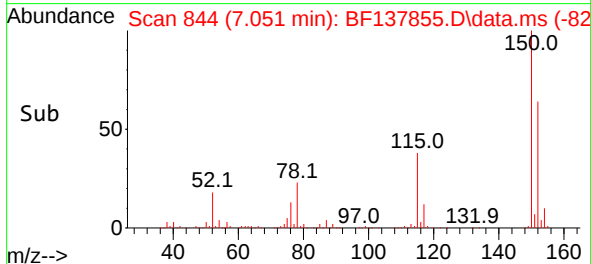
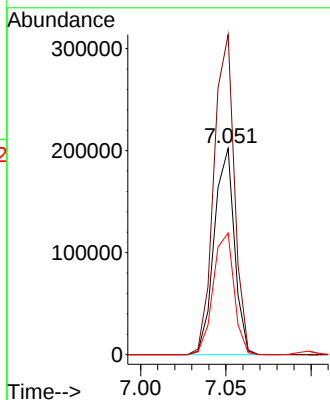
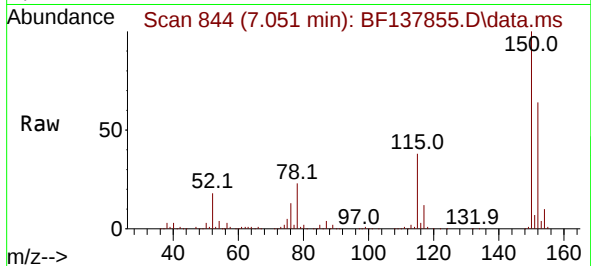




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.051 min Scan# 84
Delta R.T. -0.006 min
Lab File: BF137855.D
Acq: 08 May 2024 15:14

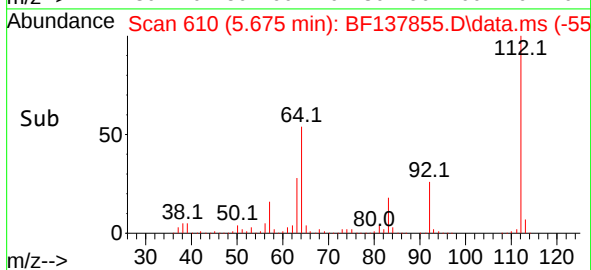
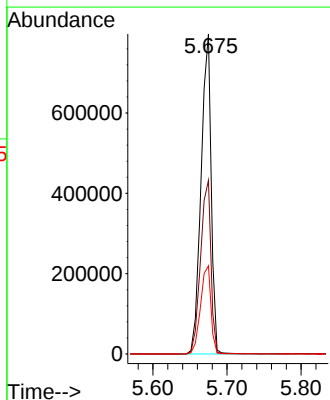
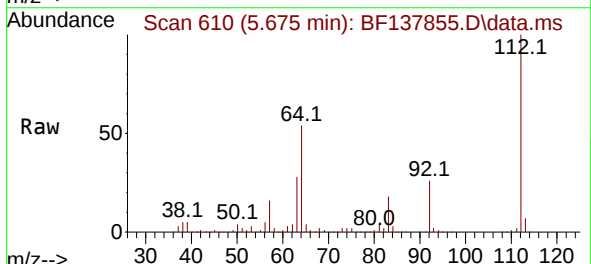
Instrument :
BNA_F
ClientSampleId :
SS-1-COMP

Tgt Ion:152 Resp: 167405
Ion Ratio Lower Upper
152 100
150 155.1 124.1 186.1
115 58.9 49.1 73.7



#5
2-Fluorophenol
Concen: 75.582 ng
RT: 5.675 min Scan# 610
Delta R.T. -0.000 min
Lab File: BF137855.D
Acq: 08 May 2024 15:14

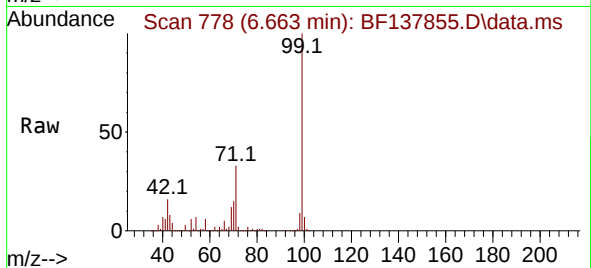
Tgt Ion:112 Resp: 755708
Ion Ratio Lower Upper
112 100
64 54.2 47.3 70.9
63 27.6 23.7 35.5



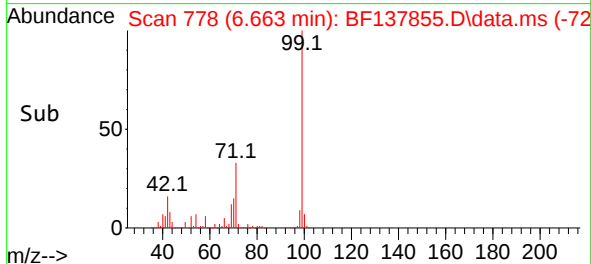
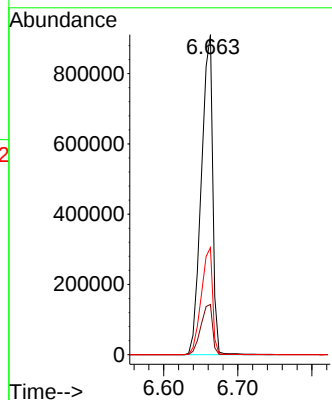


#7
Phenol-d6
Concen: 76.331 ng
RT: 6.663 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF137855.D
Acq: 08 May 2024 15:14

Instrument :
BNA_F
ClientSampleId :
SS-1-COMP

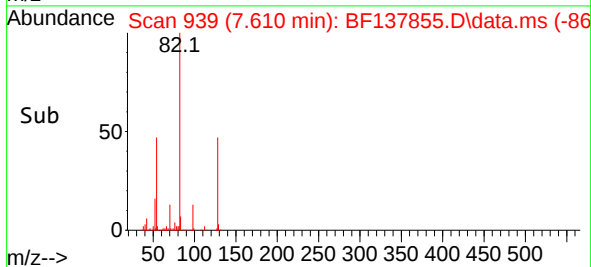
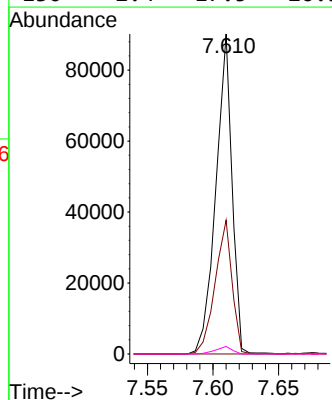
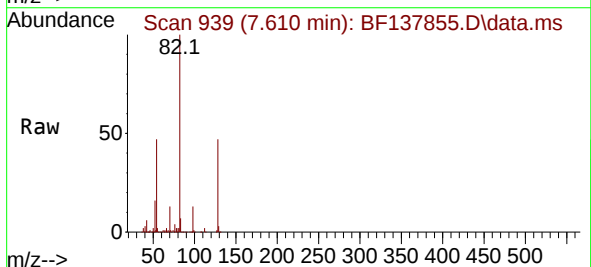


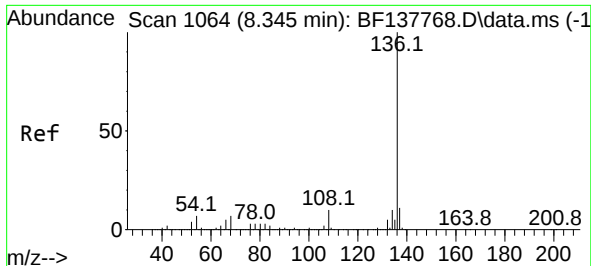
Tgt Ion: 99 Resp: 968044
Ion Ratio Lower Upper
99 100
42 15.7 13.2 19.8
71 33.4 25.0 37.4



#19
n-Nitroso-di-n-propylamine
Concen: 10.204 ng
RT: 7.610 min Scan# 939
Delta R.T. 0.147 min
Lab File: BF137855.D
Acq: 08 May 2024 15:14

Tgt Ion: 70 Resp: 77334
Ion Ratio Lower Upper
70 100
42 41.8 44.6 66.8#
101 0.0 7.8 11.6#
130 2.4 17.5 26.3#



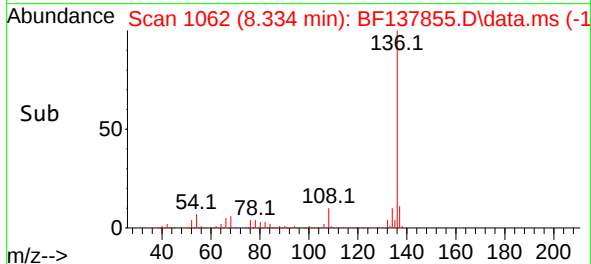
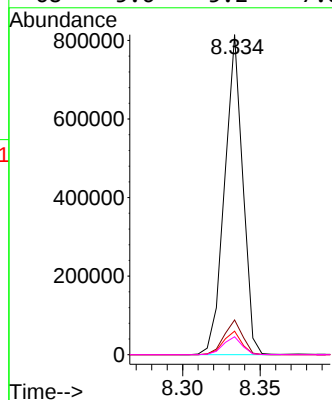
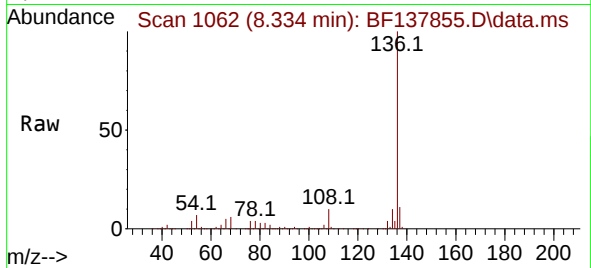


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.334 min Scan# 1062
Delta R.T. -0.012 min
Lab File: BF137855.D
Acq: 08 May 2024 15:14

Instrument :
BNA_F
ClientSampleId :
SS-1-COMP

Tgt Ion:136 Resp: 664423

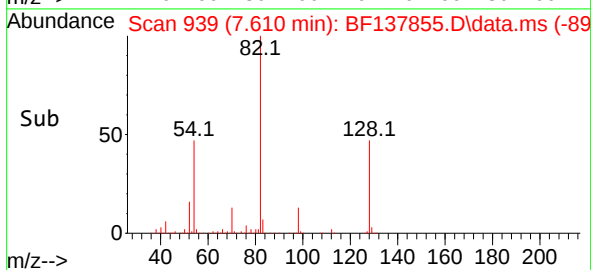
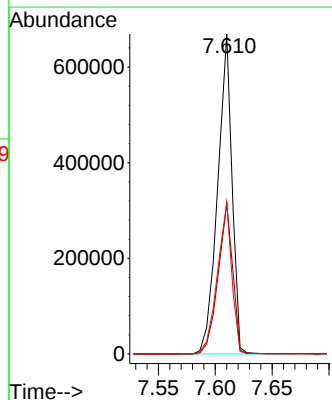
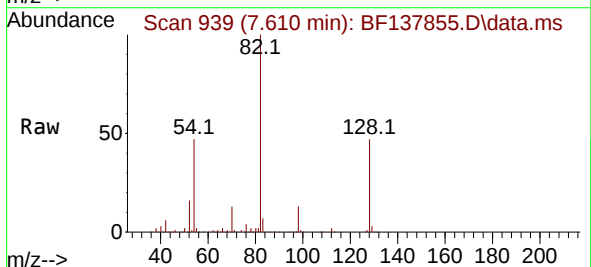
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.8	13.2
54	7.4	5.8	8.8
68	5.6	5.2	7.8



#23
Nitrobenzene-d5
Concen: 51.679 ng
RT: 7.610 min Scan# 939
Delta R.T. -0.012 min
Lab File: BF137855.D
Acq: 08 May 2024 15:14

Tgt Ion: 82 Resp: 591010

Ion	Ratio	Lower	Upper
82	100		
128	47.0	37.5	56.3
54	47.4	39.8	59.6

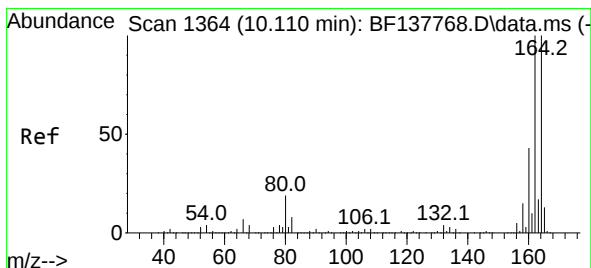
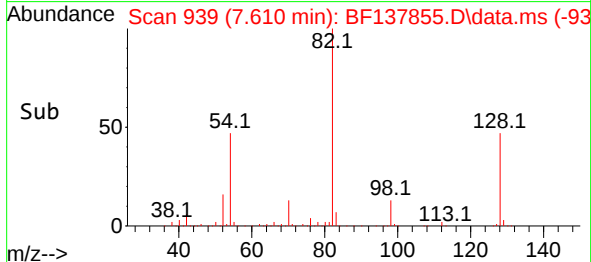
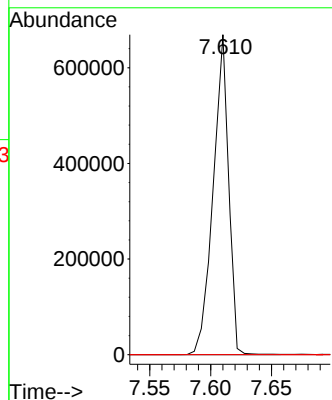
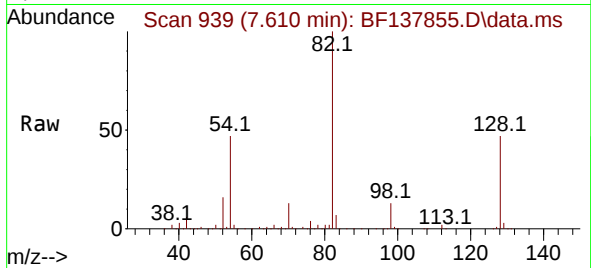




#25
Isophorone
Concen: 28.662 ng
RT: 7.610 min Scan# 91
Delta R.T. -0.265 min
Lab File: BF137855.D
Acq: 08 May 2024 15:14

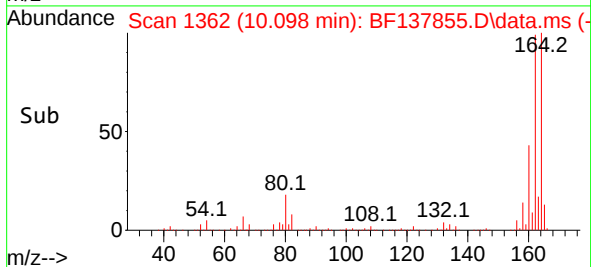
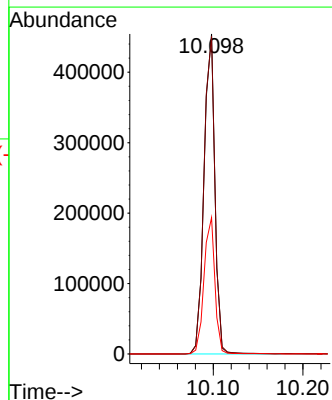
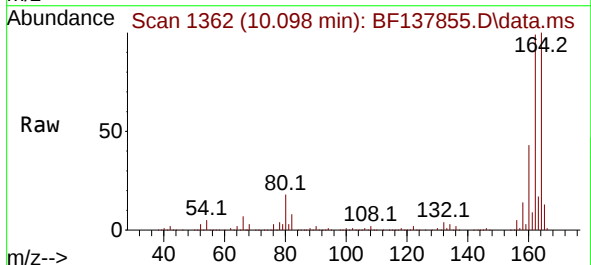
Instrument :
BNA_F
ClientSampleId :
SS-1-COMP

Tgt Ion: 82 Resp: 590994
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 15.0 22.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.098 min Scan# 1362
Delta R.T. -0.012 min
Lab File: BF137855.D
Acq: 08 May 2024 15:14

Tgt Ion:164 Resp: 381230
Ion Ratio Lower Upper
164 100
162 99.3 79.8 119.6
160 42.6 34.4 51.6





#42

2,4,6-Tribromophenol

Concen: 70.372 ng

RT: 10.886 min Scan# 1496

Delta R.T. -0.012 min

Lab File: BF137855.D

Acq: 08 May 2024 15:14

Instrument :

BNA_F

ClientSampleId :

SS-1-COMP

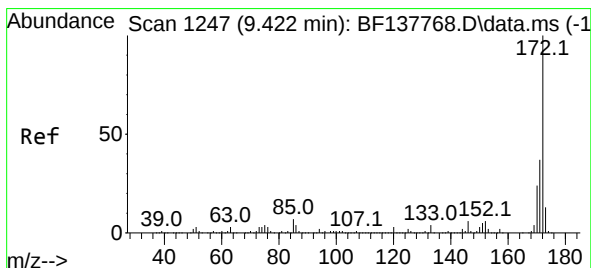
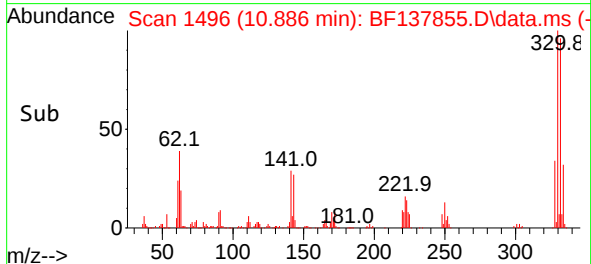
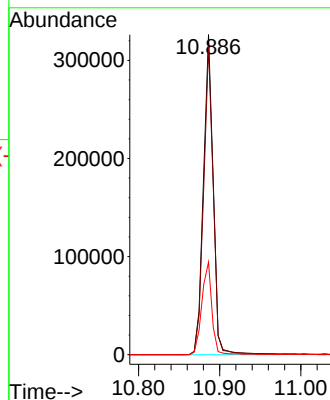
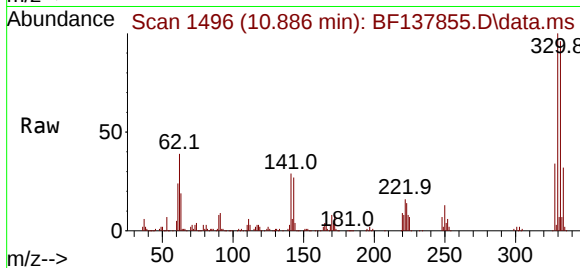
Tgt Ion:330 Resp: 273920

Ion Ratio Lower Upper

330 100

332 95.2 77.3 115.9

141 29.7 23.8 35.6



#45

2-Fluorobiphenyl

Concen: 51.342 ng

RT: 9.410 min Scan# 1245

Delta R.T. -0.012 min

Lab File: BF137855.D

Acq: 08 May 2024 15:14

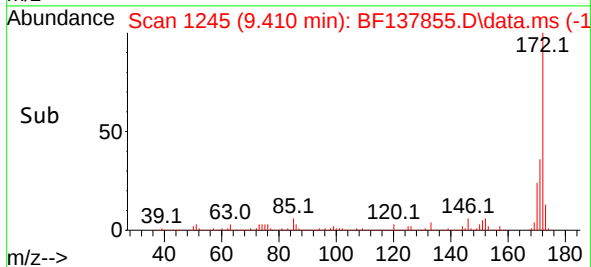
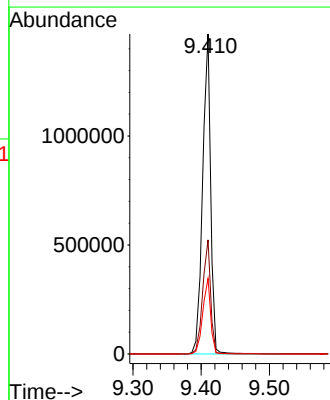
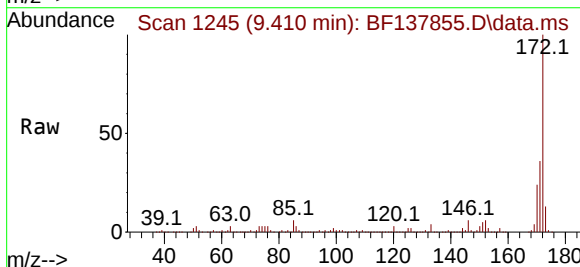
Tgt Ion:172 Resp: 1206454

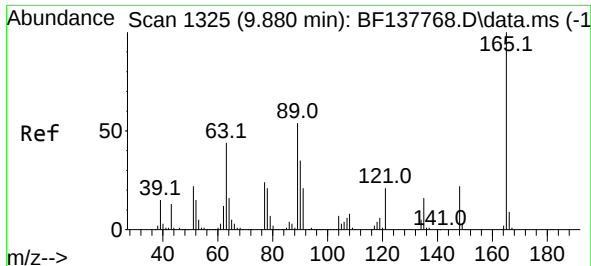
Ion Ratio Lower Upper

172 100

171 35.7 29.6 44.4

170 23.6 19.4 29.2





#51

2,6-Dinitrotoluene

Concen: 8.977 ng

RT: 10.098 min Scan# 1362

Delta R.T. 0.218 min

Lab File: BF137855.D

Acq: 08 May 2024 15:14

Instrument :

BNA_F

ClientSampleId :

SS-1-COMP

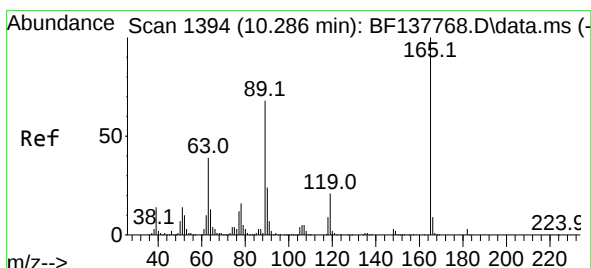
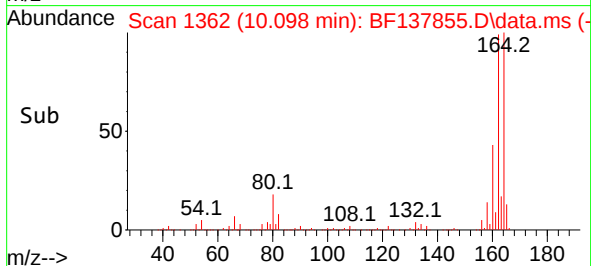
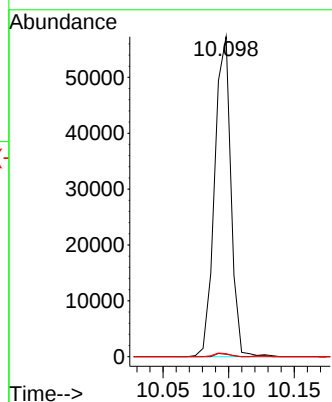
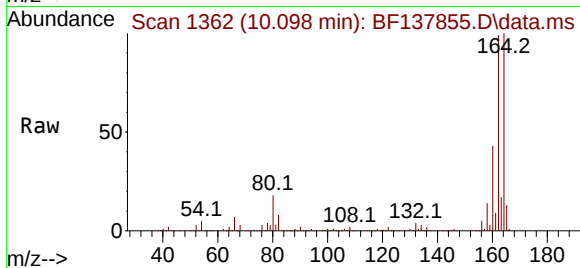
Tgt Ion:165 Resp: 49375

Ion Ratio Lower Upper

165 100

63 0.8 41.9 62.9#

89 1.0 43.2 64.8#



#57

2,4-Dinitrotoluene

Concen: 6.872 ng

RT: 10.098 min Scan# 1362

Delta R.T. -0.188 min

Lab File: BF137855.D

Acq: 08 May 2024 15:14

Tgt Ion:165 Resp: 49376

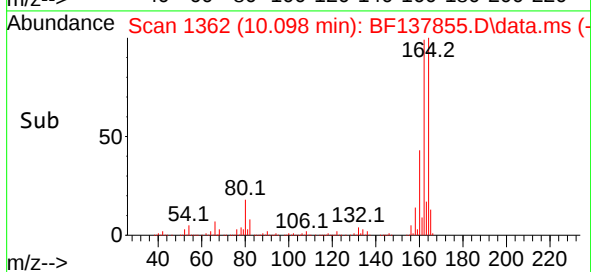
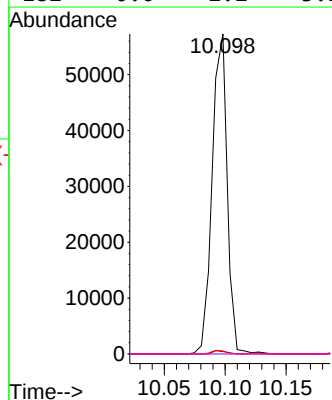
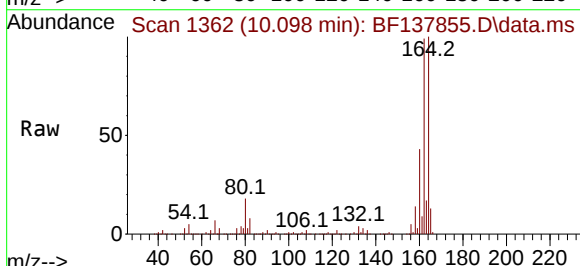
Ion Ratio Lower Upper

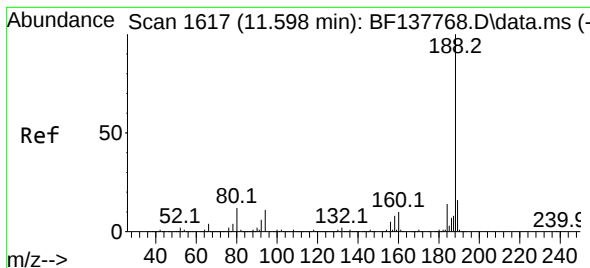
165 100

63 0.8 31.3 46.9#

89 1.0 54.2 81.4#

182 0.0 2.2 3.2#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.592 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF137855.D

Acq: 08 May 2024 15:14

Instrument :

BNA_F

ClientSampleId :

SS-1-COMP

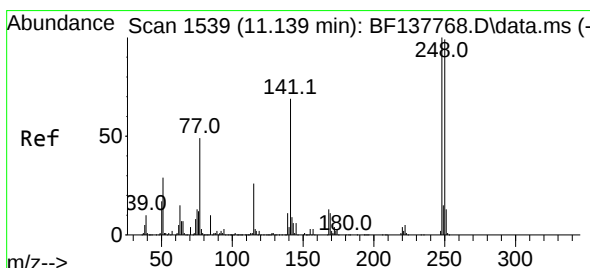
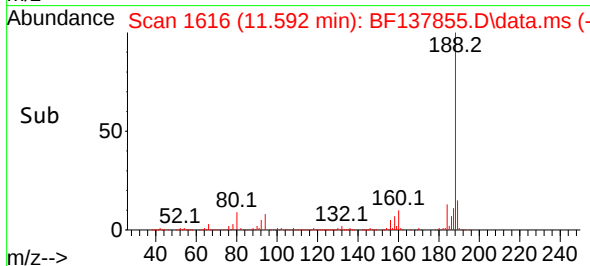
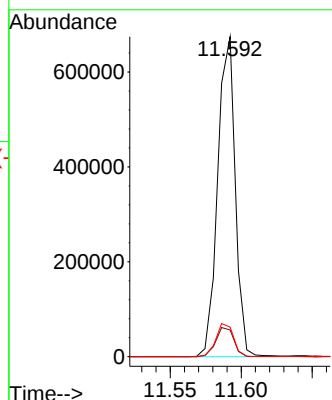
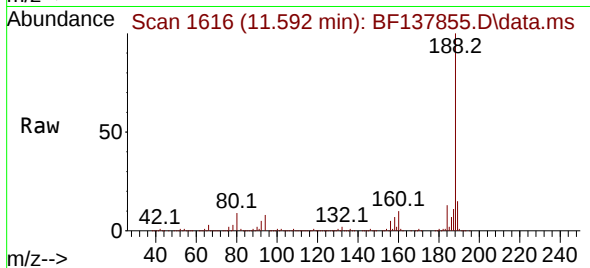
Tgt Ion:188 Resp: 578880

Ion Ratio Lower Upper

188 100

94 8.4 8.8 13.2#

80 9.3 9.6 14.4#



#67

4-Bromophenyl-phenylether

Concen: 2.832 ng

RT: 10.886 min Scan# 1496

Delta R.T. -0.253 min

Lab File: BF137855.D

Acq: 08 May 2024 15:14

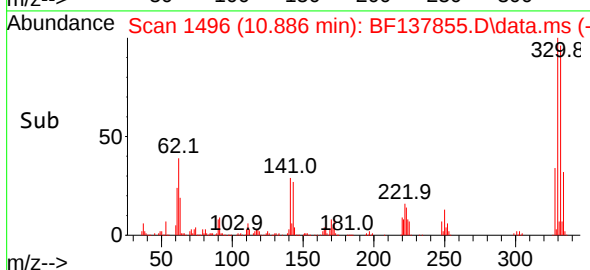
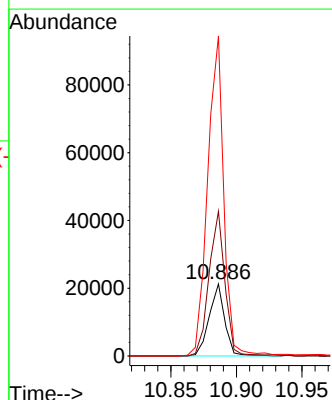
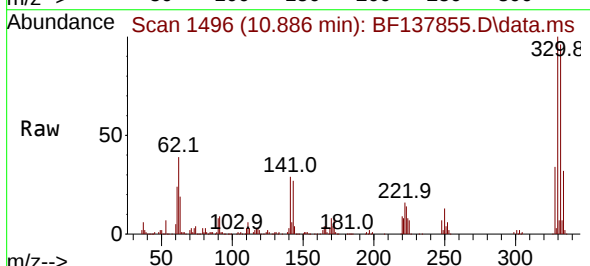
Tgt Ion:248 Resp: 17544

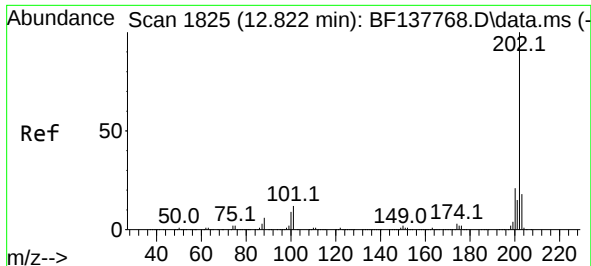
Ion Ratio Lower Upper

248 100

250 200.9 79.1 118.7#

141 444.3 55.4 83.2#

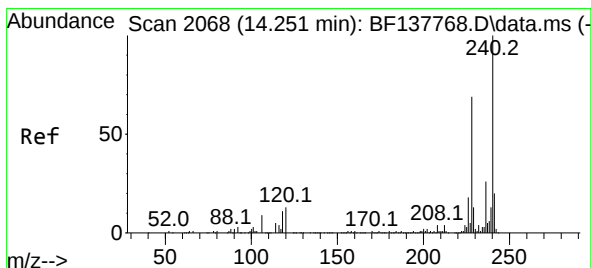
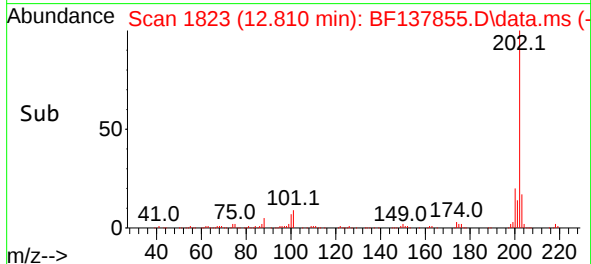
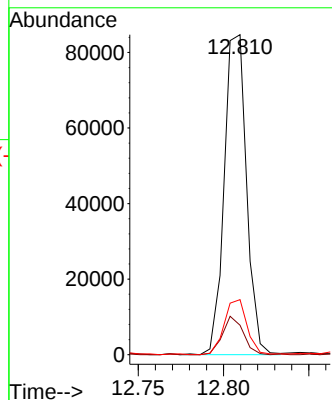
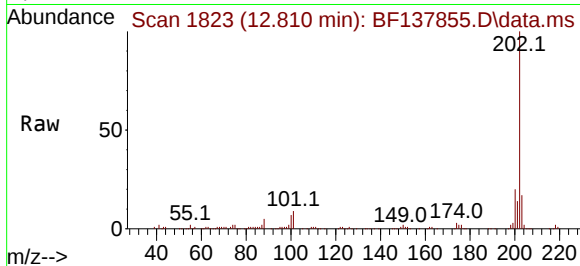




#75
Fluoranthene
Concen: 2.507 ng
RT: 12.810 min Scan# 1825
Delta R.T. -0.012 min
Lab File: BF137855.D
Acq: 08 May 2024 15:14

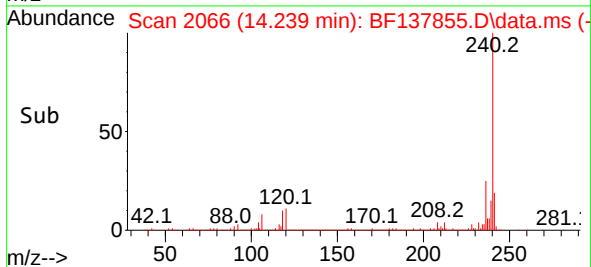
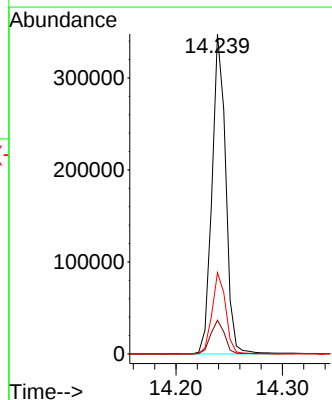
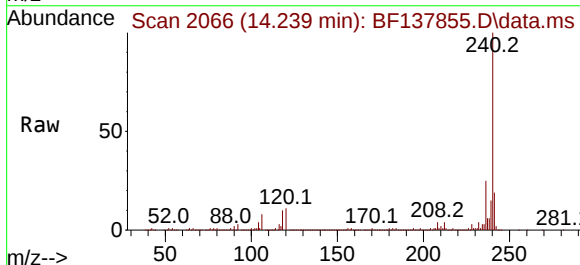
Instrument :
BNA_F
ClientSampleId :
SS-1-COMP

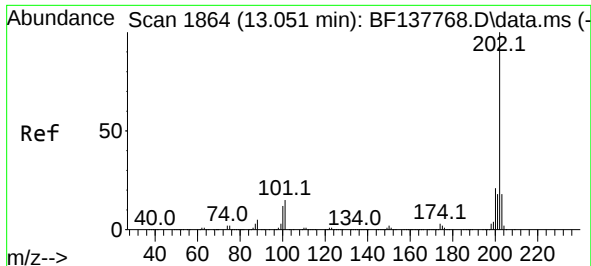
Tgt Ion:202 Resp: 77329
Ion Ratio Lower Upper
202 100
101 9.2 0.0 31.8
203 17.2 0.0 37.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.239 min Scan# 2066
Delta R.T. -0.012 min
Lab File: BF137855.D
Acq: 08 May 2024 15:14

Tgt Ion:240 Resp: 310649
Ion Ratio Lower Upper
240 100
120 10.6 10.4 15.6
236 25.4 20.4 30.6

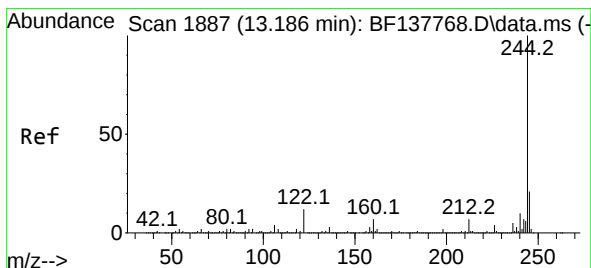
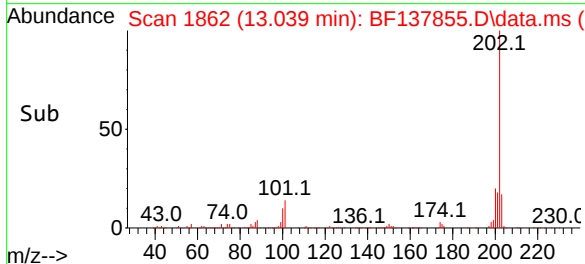
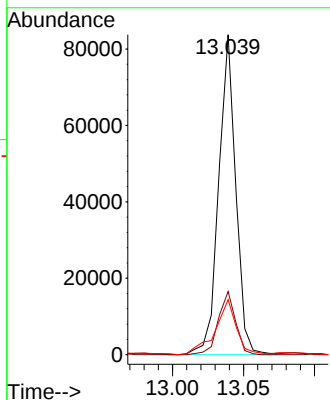
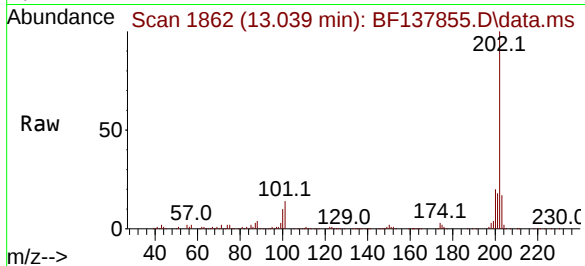




#78
Pyrene
Concen: 2.845 ng
RT: 13.039 min Scan# 1862
Delta R.T. -0.012 min
Lab File: BF137855.D
Acq: 08 May 2024 15:14

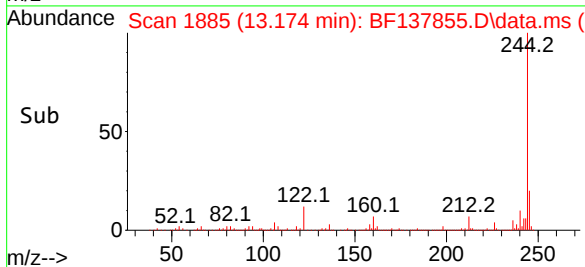
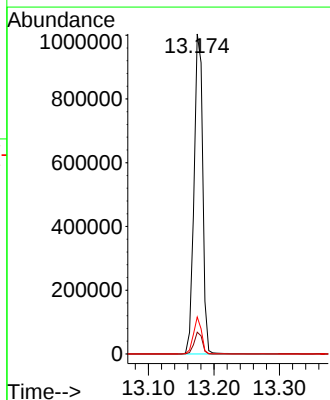
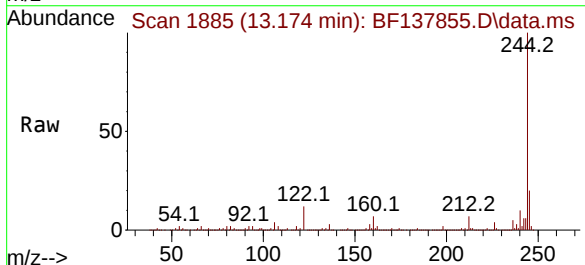
Instrument :
BNA_F
ClientSampleId :
SS-1-COMP

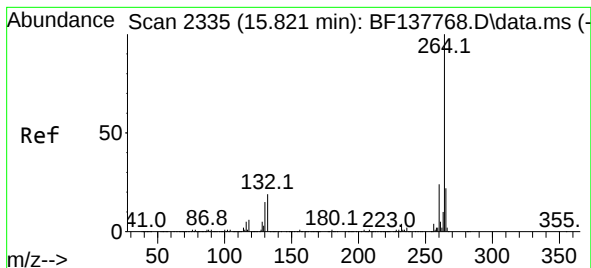
Tgt Ion:202 Resp: 70081
Ion Ratio Lower Upper
202 100
200 19.8 17.2 25.8
203 17.2 14.4 21.6



#79
Terphenyl-d14
Concen: 49.863 ng
RT: 13.174 min Scan# 1885
Delta R.T. -0.012 min
Lab File: BF137855.D
Acq: 08 May 2024 15:14

Tgt Ion:244 Resp: 924290
Ion Ratio Lower Upper
244 100
212 6.8 5.5 8.3
122 11.5 9.4 14.2





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.809 min Scan# 21

Delta R.T. -0.012 min

Lab File: BF137855.D

Acq: 08 May 2024 15:14

Instrument :

BNA_F

ClientSampleId :

SS-1-COMP

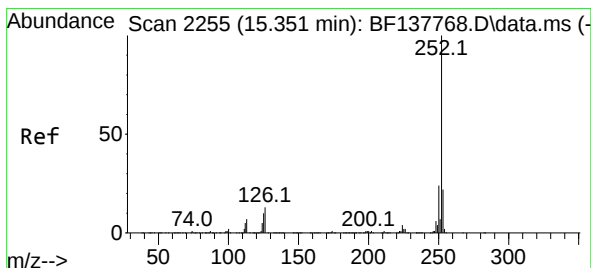
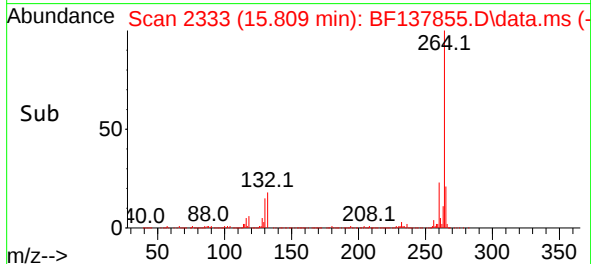
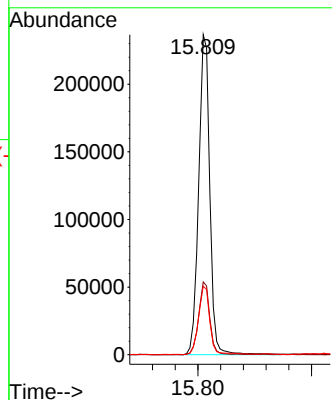
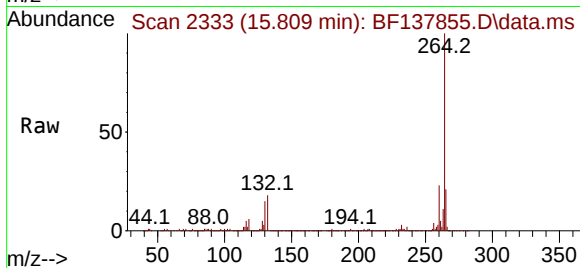
Tgt Ion:264 Resp: 322402

Ion Ratio Lower Upper

264 100

260 22.8 18.9 28.3

265 21.4 17.4 26.0



#88

Benzo(b)fluoranthene

Concen: 2.609 ng

RT: 15.333 min Scan# 2252

Delta R.T. -0.018 min

Lab File: BF137855.D

Acq: 08 May 2024 15:14

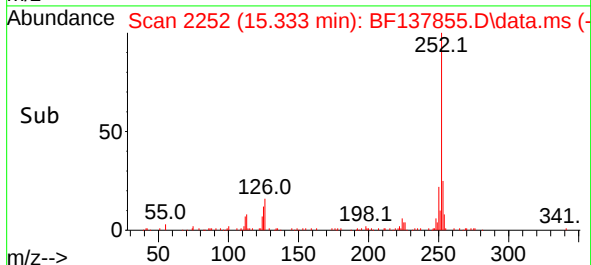
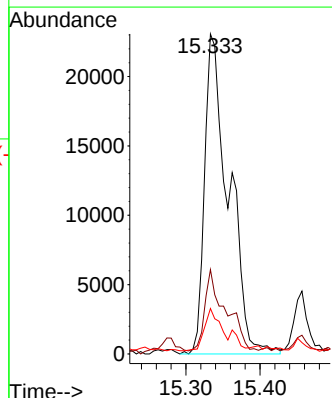
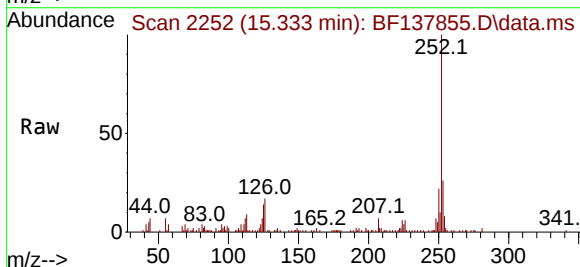
Tgt Ion:252 Resp: 52339

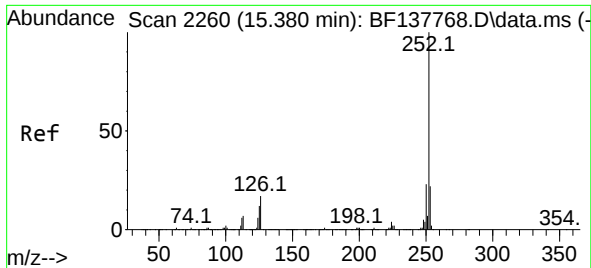
Ion Ratio Lower Upper

252 100

253 26.3 17.5 26.3#

125 14.2 7.9 11.9#





#89

Benzo(k)fluoranthene

Concen: 2.700 ng

RT: 15.333 min Scan# 21

Delta R.T. -0.047 min

Lab File: BF137855.D

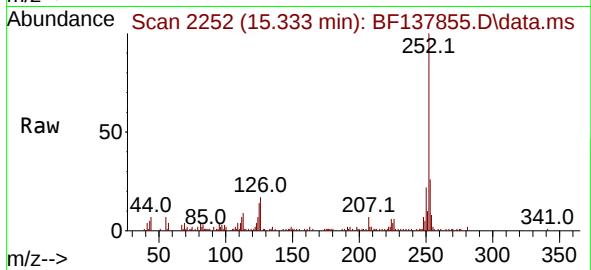
Acq: 08 May 2024 15:14

Instrument :

BNA_F

ClientSampleId :

SS-1-COMP



Tgt Ion:252 Resp: 52339

Ion Ratio Lower Upper

252 100

253 26.3 17.5 26.3#

125 14.2 9.0 13.4#

