

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011124\
 Data File : BF137039.D
 Acq On : 11 Jan 2024 15:19
 Operator : CG\JU
 Sample : P1100-03
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 COMP-3

Quant Time: Jan 11 15:51:38 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 21 01:54:25 2023
 Response via : Initial Calibration

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

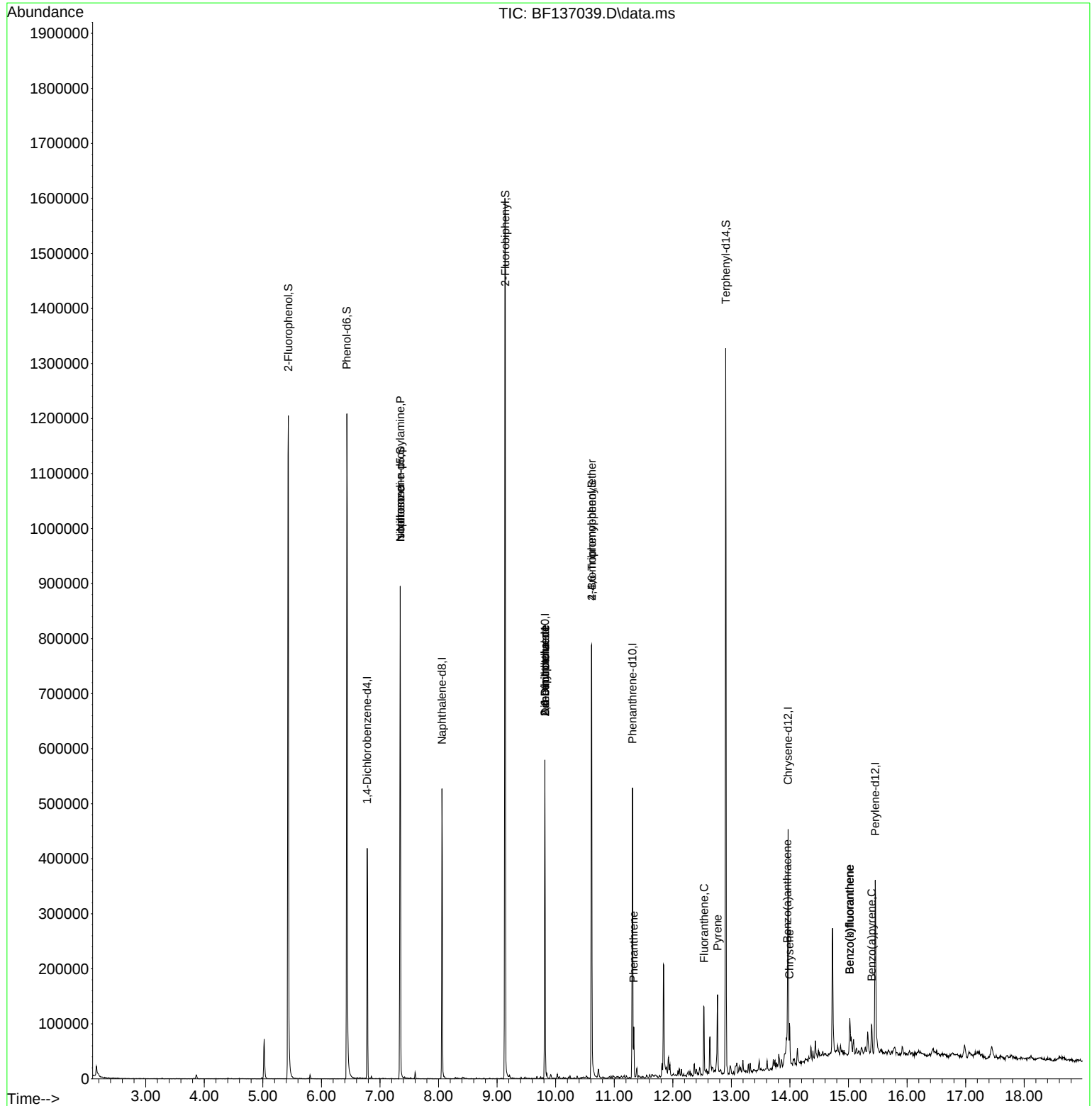
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.781	152	59929	20.000	ng	-0.01
21) Naphthalene-d8	8.057	136	225602	20.000	ng	-0.01
39) Acenaphthene-d10	9.816	164	111152	20.000	ng	-0.01
64) Phenanthrene-d10	11.310	188	185455	20.000	ng	0.00
76) Chrysene-d12	13.969	240	130456	20.000	ng	0.00
86) Perylene-d12	15.457	264	143469	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.434	112	360097	93.753	ng	0.00
7) Phenol-d6	6.434	99	442293	88.870	ng	0.00
23) Nitrobenzene-d5	7.345	82	275427	62.472	ng	-0.01
42) 2,4,6-Tribromophenol	10.616	330	113397	86.625	ng	0.00
45) 2-Fluorobiphenyl	9.139	172	543082	65.715	ng	-0.01
79) Terphenyl-d14	12.904	244	470352	50.385	ng	-0.01
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.345	70	35029	11.611	ng	# 77
25) Isophorone	7.345	82	275473	34.339	ng	# 65
50) Dimethylphthalate	9.816	163	20903	2.575	ng	# 1
51) 2,6-Dinitrotoluene	9.816	165	13667	7.417	ng	# 29
57) 2,4-Dinitrotoluene	9.816	165	13667	5.714	ng	# 21
67) 4-Bromophenyl-phenylether	10.616	248	6299	3.058	ng	# 1
71) Phenanthrene	11.333	178	30515	3.207	ng	99
75) Fluoranthene	12.533	202	49708	4.884	ng	100
78) Pyrene	12.763	202	57533	4.493	ng	97
81) Benzo(a)anthracene	13.957	228	30203	3.334	ng	94
83) Chrysene	13.992	228	29349	3.313	ng	94
88) Benzo(b)fluoranthene	15.021	252	44962	4.692	ng	# 94
89) Benzo(k)fluoranthene	15.021	252	44962	4.966	ng	95
90) Benzo(a)pyrene	15.398	252	24563	3.037	ng	94

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011124\
Data File : BF137039.D
Acq On : 11 Jan 2024 15:19
Operator : CG\JU
Sample : P1100-03
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
COMP-3

Quant Time: Jan 11 15:51:38 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 21 01:54:25 2023
Response via : Initial Calibration

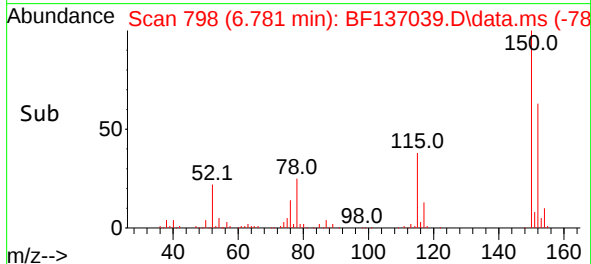
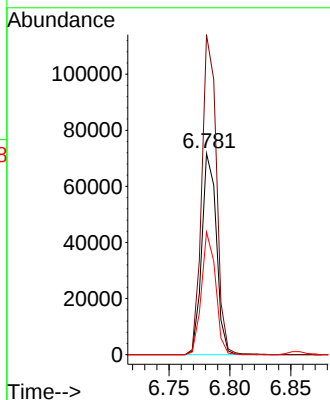
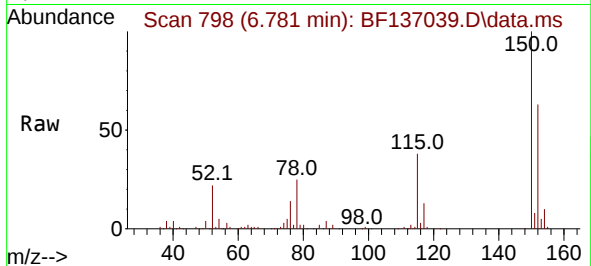




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.781 min Scan# 79
Delta R.T. -0.011 min
Lab File: BF137039.D
Acq: 11 Jan 2024 15:19

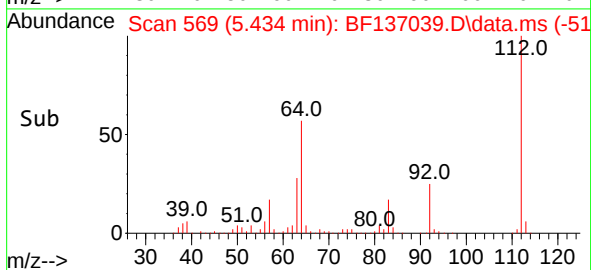
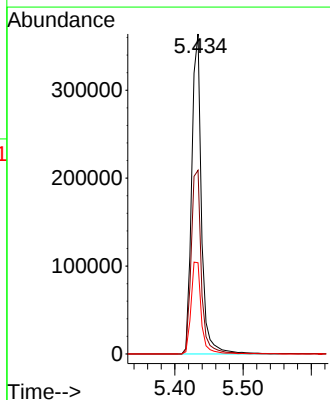
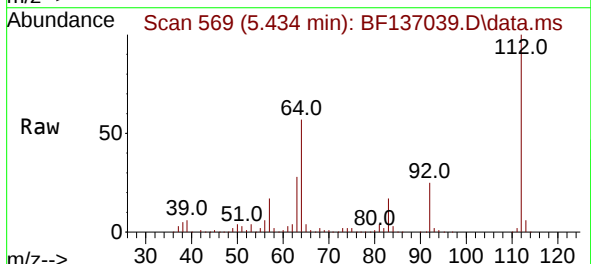
Instrument :
BNA_F
ClientSampleId :
COMP-3

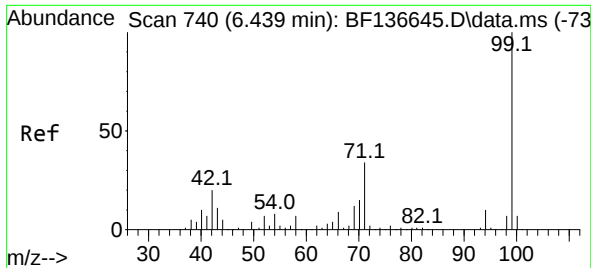
Tgt Ion:152 Resp: 59929
Ion Ratio Lower Upper
152 100
150 159.0 127.0 190.6
115 61.0 49.0 73.4



#5
2-Fluorophenol
Concen: 93.753 ng
RT: 5.434 min Scan# 569
Delta R.T. 0.006 min
Lab File: BF137039.D
Acq: 11 Jan 2024 15:19

Tgt Ion:112 Resp: 360097
Ion Ratio Lower Upper
112 100
64 57.4 51.1 76.7
63 28.5 26.1 39.1

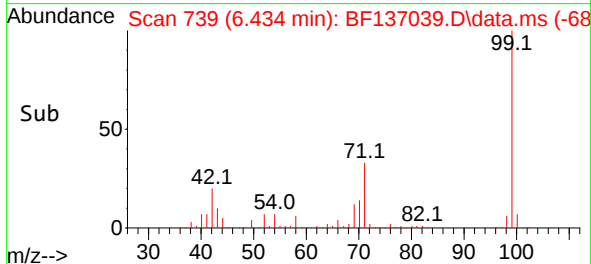
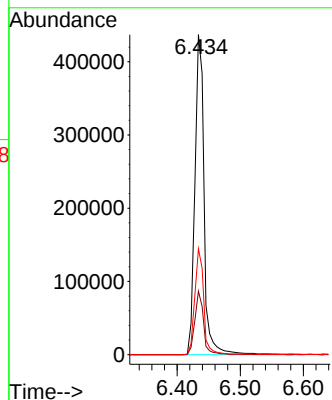
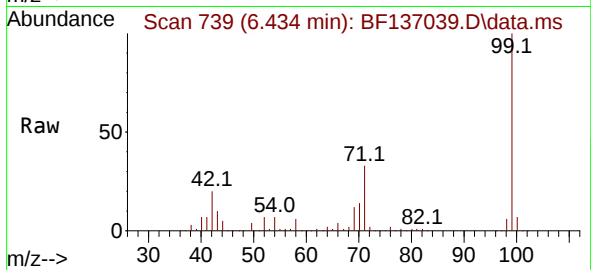




#7
Phenol-d6
Concen: 88.870 ng
RT: 6.434 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF137039.D
Acq: 11 Jan 2024 15:19

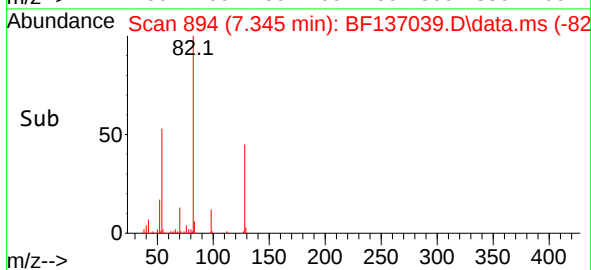
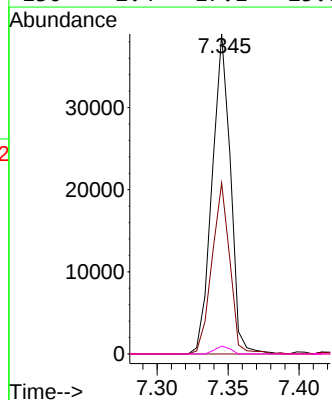
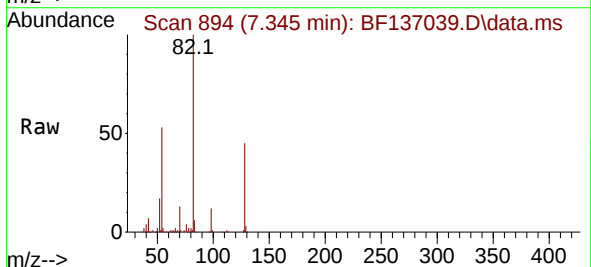
Instrument :
BNA_F
ClientSampleId :
COMP-3

Tgt Ion: 99 Resp: 442293
Ion Ratio Lower Upper
99 100
42 19.8 16.1 24.1
71 33.1 27.4 41.2



#19
n-Nitroso-di-n-propylamine
Concen: 11.611 ng
RT: 7.345 min Scan# 894
Delta R.T. 0.135 min
Lab File: BF137039.D
Acq: 11 Jan 2024 15:19

Tgt Ion: 70 Resp: 35029
Ion Ratio Lower Upper
70 100
42 53.4 54.2 81.4#
101 0.0 7.6 11.4#
130 2.4 17.1 25.7#

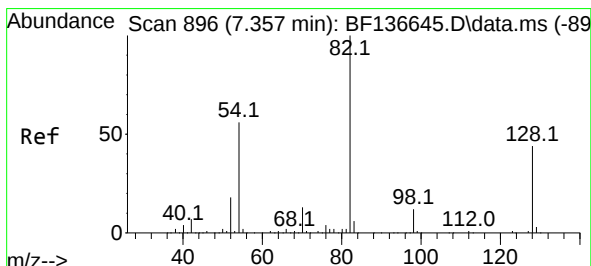
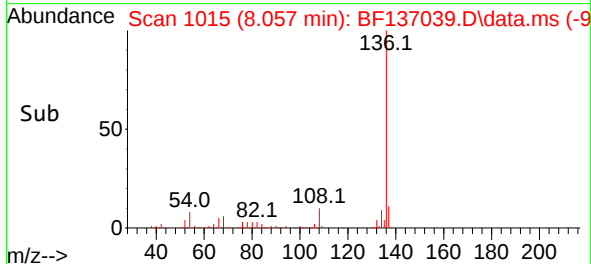
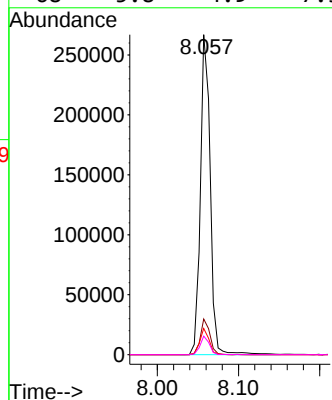
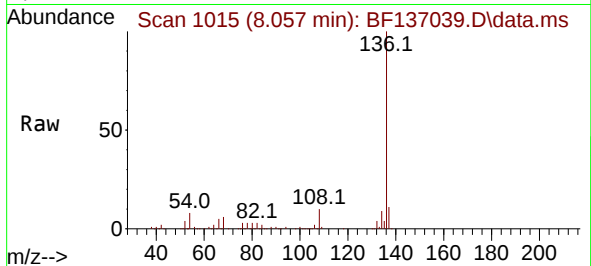




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.057 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF137039.D
Acq: 11 Jan 2024 15:19

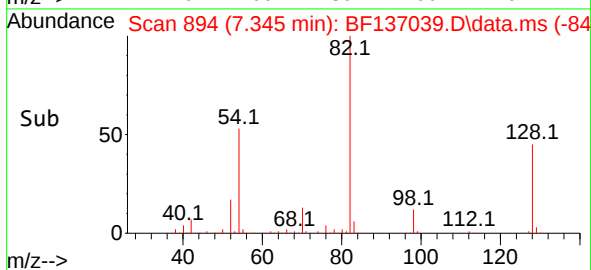
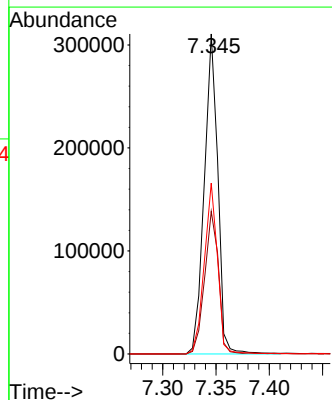
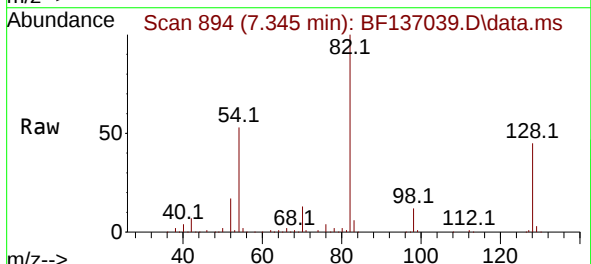
Instrument :
BNA_F
ClientSampleId :
COMP-3

Tgt Ion:	136	Resp:	225602
Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.0	13.4
54	8.2	7.2	10.8
68	5.8	4.9	7.3



#23
Nitrobenzene-d5
Concen: 62.472 ng
RT: 7.345 min Scan# 894
Delta R.T. -0.012 min
Lab File: BF137039.D
Acq: 11 Jan 2024 15:19

Tgt Ion:	82	Resp:	275427
Ion	Ratio	Lower	Upper
82	100		
128	44.6	35.3	52.9
54	53.4	44.5	66.7

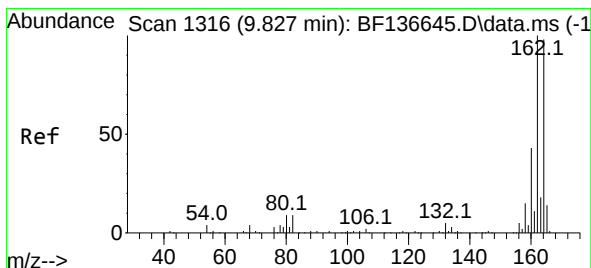
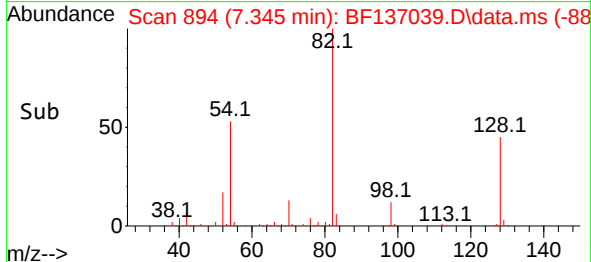
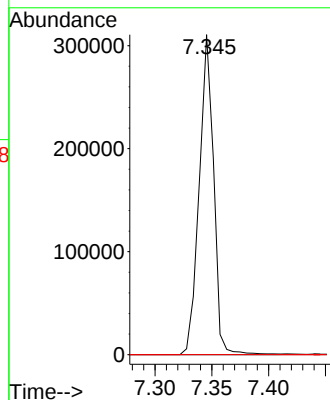
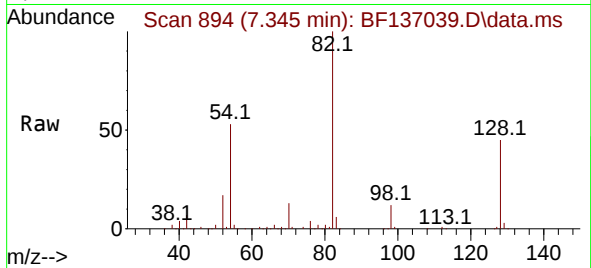




#25
Isophorone
Concen: 34.339 ng
RT: 7.345 min Scan# 89
Delta R.T. -0.270 min
Lab File: BF137039.D
Acq: 11 Jan 2024 15:19

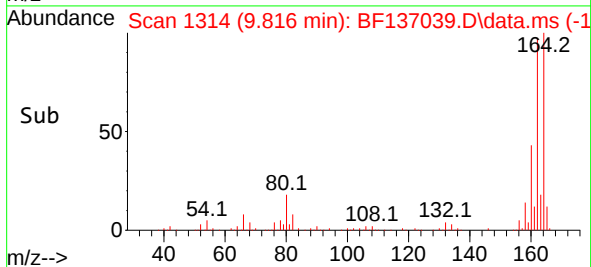
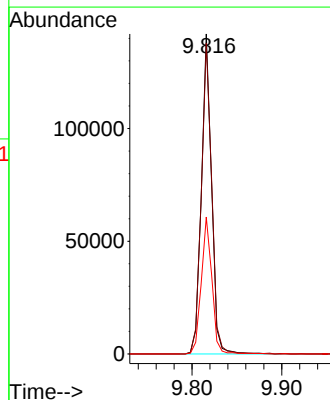
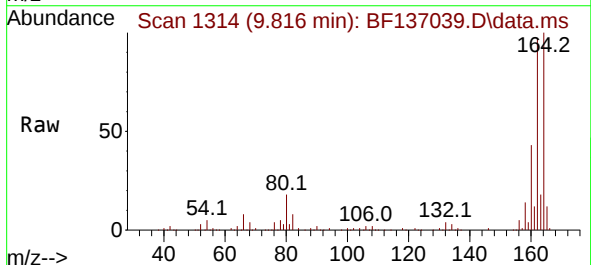
Instrument :
BNA_F
ClientSampleId :
COMP-3

Tgt Ion: 82 Resp: 275473
Ion Ratio Lower Upper
82 100
95 0.0 5.5 8.3#
138 0.0 14.5 21.7#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.816 min Scan# 1314
Delta R.T. -0.012 min
Lab File: BF137039.D
Acq: 11 Jan 2024 15:19

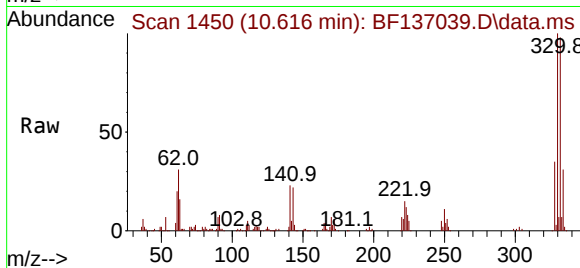
Tgt Ion:164 Resp: 111152
Ion Ratio Lower Upper
164 100
162 97.1 81.6 122.4
160 42.8 34.9 52.3



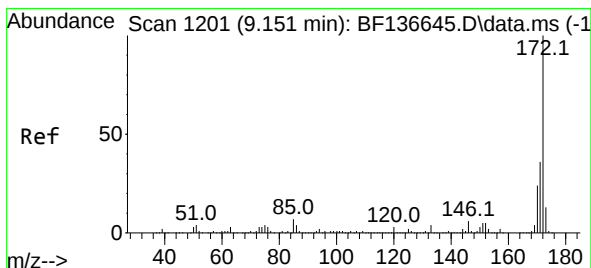
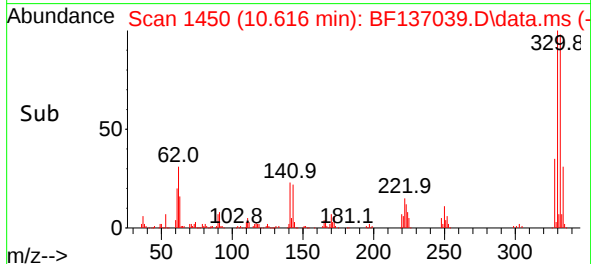
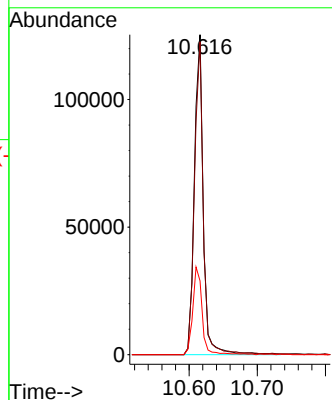


#42
2,4,6-Tribromophenol
Concen: 86.625 ng
RT: 10.616 min Scan# 1450
Delta R.T. -0.006 min
Lab File: BF137039.D
Acq: 11 Jan 2024 15:19

Instrument :
BNA_F
ClientSampleId :
COMP-3

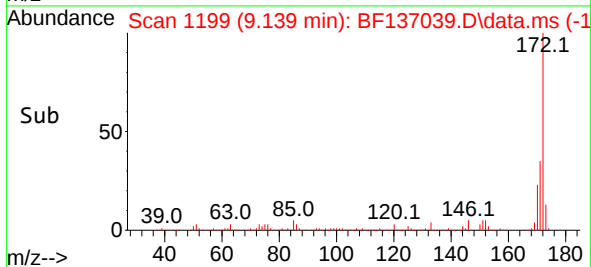
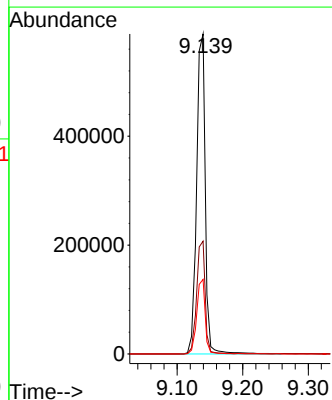
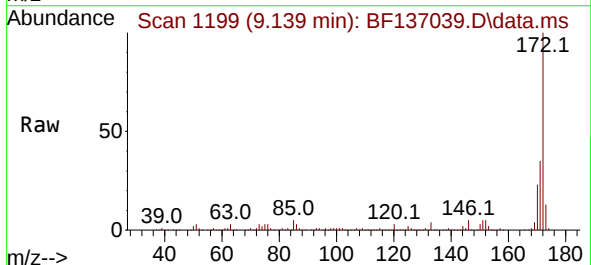


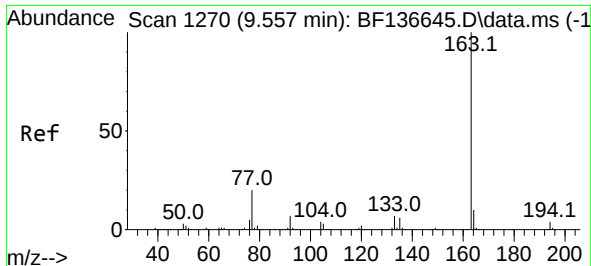
Tgt Ion:330 Resp: 113397
Ion Ratio Lower Upper
330 100
332 96.8 77.4 116.0
141 28.7 23.4 35.2



#45
2-Fluorobiphenyl
Concen: 65.715 ng
RT: 9.139 min Scan# 1199
Delta R.T. -0.012 min
Lab File: BF137039.D
Acq: 11 Jan 2024 15:19

Tgt Ion:172 Resp: 543082
Ion Ratio Lower Upper
172 100
171 35.2 29.0 43.6
170 23.3 19.0 28.4

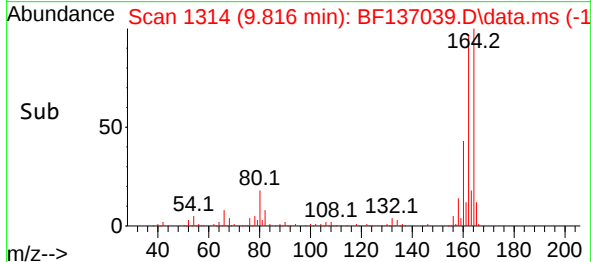
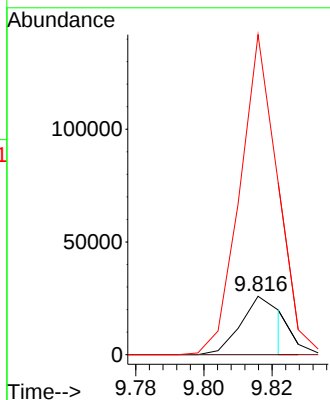
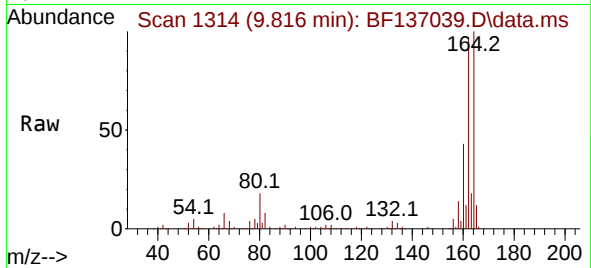




#50
Dimethylphthalate
Concen: 2.575 ng
RT: 9.816 min Scan# 1314
Delta R.T. 0.259 min
Lab File: BF137039.D
Acq: 11 Jan 2024 15:19

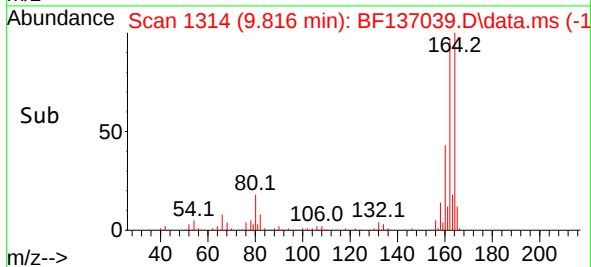
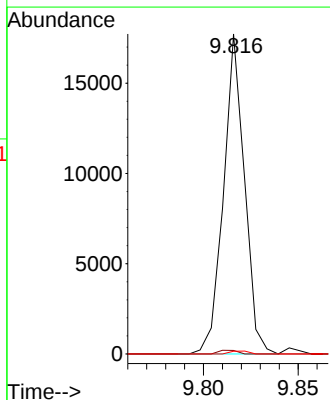
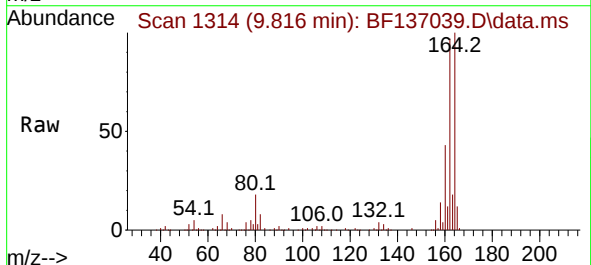
Instrument :
BNA_F
ClientSampleId :
COMP-3

Tgt Ion:163 Resp: 20903
Ion Ratio Lower Upper
163 100
194 0.0 3.3 4.9#
164 547.1 7.8 11.6#



#51
2,6-Dinitrotoluene
Concen: 7.417 ng
RT: 9.816 min Scan# 1314
Delta R.T. 0.194 min
Lab File: BF137039.D
Acq: 11 Jan 2024 15:19

Tgt Ion:165 Resp: 13667
Ion Ratio Lower Upper
165 100
63 1.1 39.8 59.6#
89 0.8 38.8 58.2#

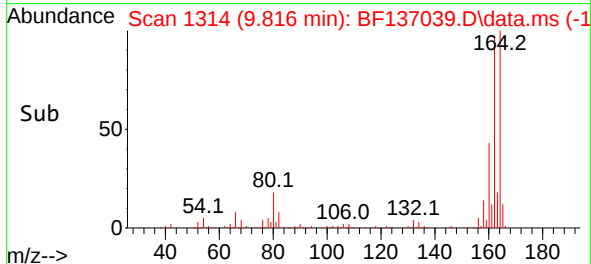
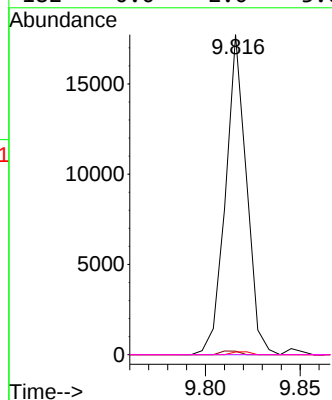
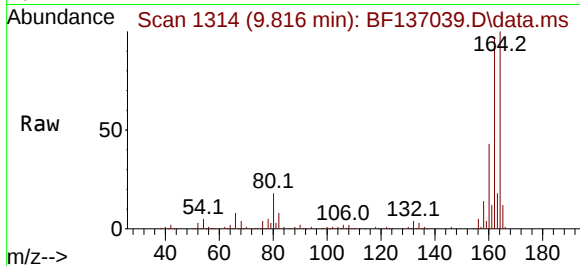




#57
2,4-Dinitrotoluene
Concen: 5.714 ng
RT: 9.816 min Scan# 11
Delta R.T. -0.206 min
Lab File: BF137039.D
Acq: 11 Jan 2024 15:19

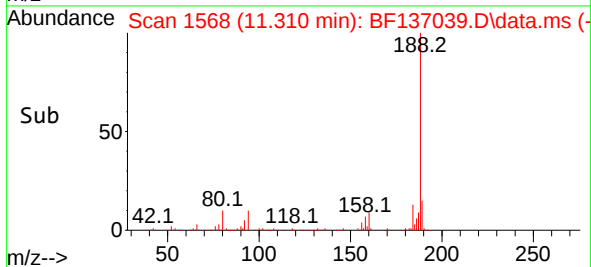
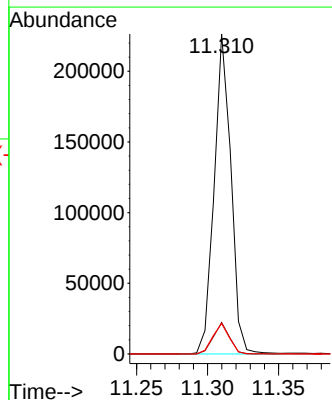
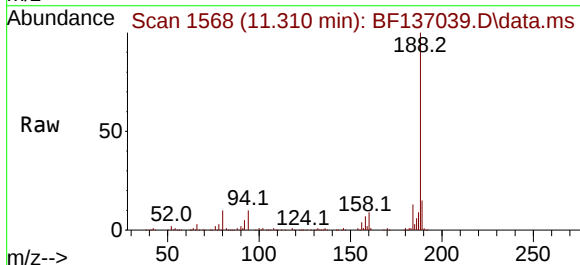
Instrument :
BNA_F
ClientSampleId :
COMP-3

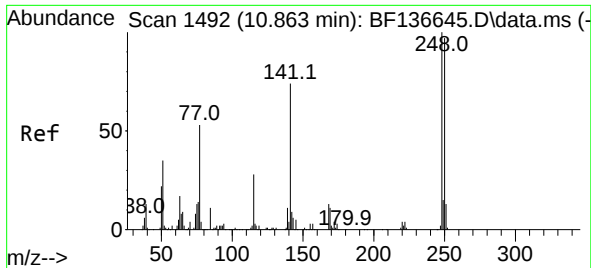
Tgt Ion:165 Resp: 13667
Ion Ratio Lower Upper
165 100
63 1.1 41.0 61.6#
89 0.8 59.9 89.9#
182 0.0 2.0 3.0#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.310 min Scan# 1568
Delta R.T. -0.006 min
Lab File: BF137039.D
Acq: 11 Jan 2024 15:19

Tgt Ion:188 Resp: 185455
Ion Ratio Lower Upper
188 100
94 9.8 7.5 11.3
80 9.5 8.1 12.1

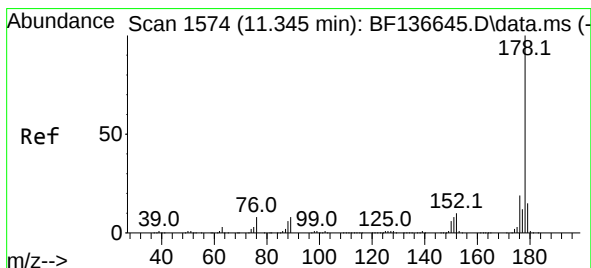
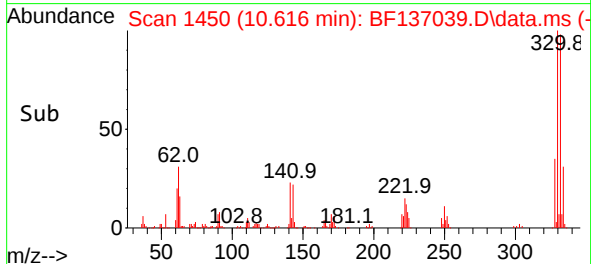
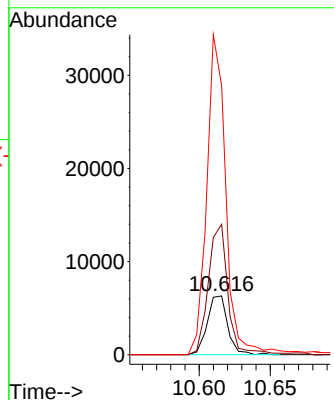
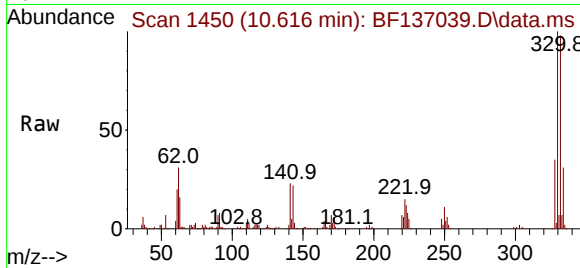




#67
4-Bromophenyl-phenylether
Concen: 3.058 ng
RT: 10.616 min Scan# 1492
Delta R.T. -0.247 min
Lab File: BF137039.D
Acq: 11 Jan 2024 15:19

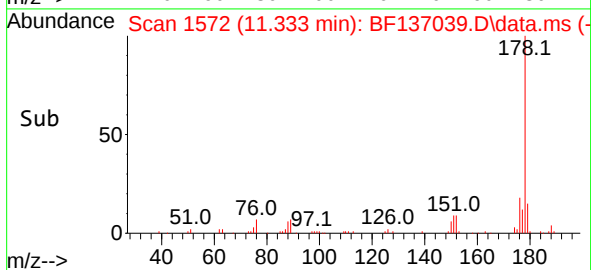
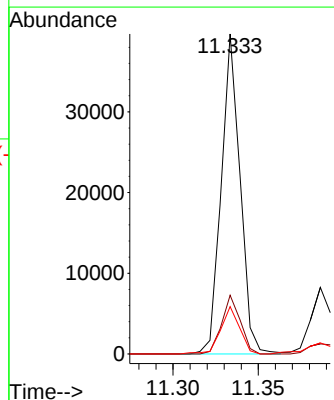
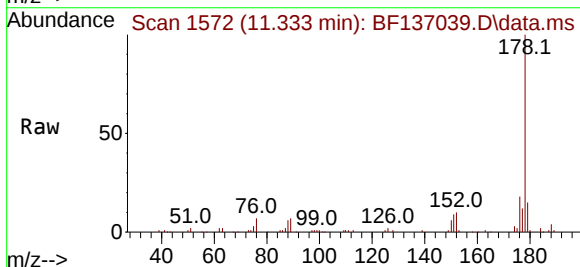
Instrument :
BNA_F
ClientSampleId :
COMP-3

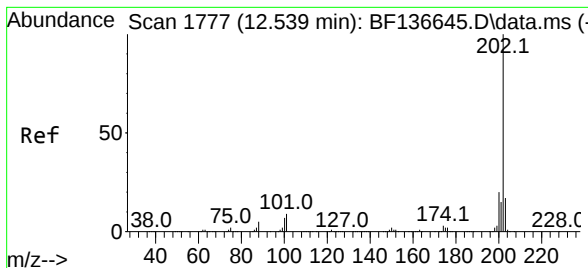
Tgt Ion:	248	Resp:	6299
Ion Ratio	Lower	Upper	
248	100		
250	222.1	77.8	116.6#
141	458.4	59.2	88.8#



#71
Phenanthrene
Concen: 3.207 ng
RT: 11.333 min Scan# 1572
Delta R.T. -0.012 min
Lab File: BF137039.D
Acq: 11 Jan 2024 15:19

Tgt Ion:	178	Resp:	30515
Ion Ratio	Lower	Upper	
178	100		
176	18.3	15.3	22.9
179	14.8	11.9	17.9





#75

Fluoranthene

Concen: 4.884 ng

RT: 12.533 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF137039.D

Acq: 11 Jan 2024 15:19

Instrument :

BNA_F

ClientSampleId :

COMP-3

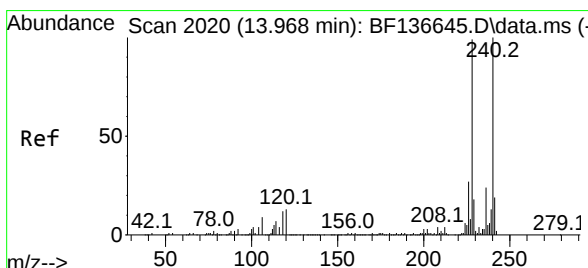
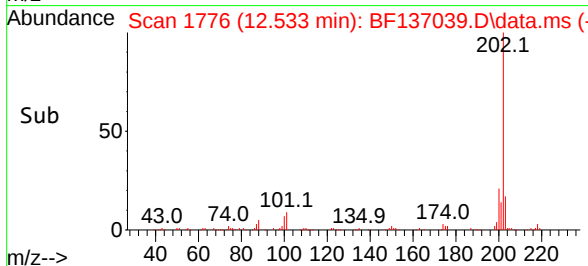
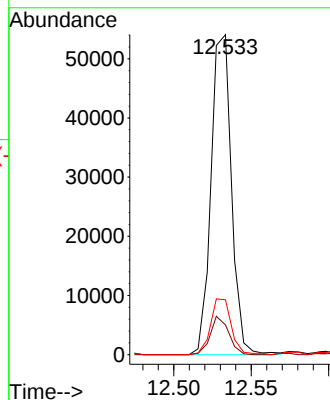
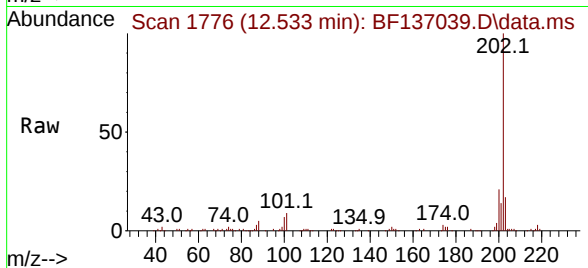
Tgt Ion:202 Resp: 49708

Ion Ratio Lower Upper

202 100

101 9.3 0.0 29.3

203 17.2 0.0 37.1



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.969 min Scan# 2020

Delta R.T. 0.000 min

Lab File: BF137039.D

Acq: 11 Jan 2024 15:19

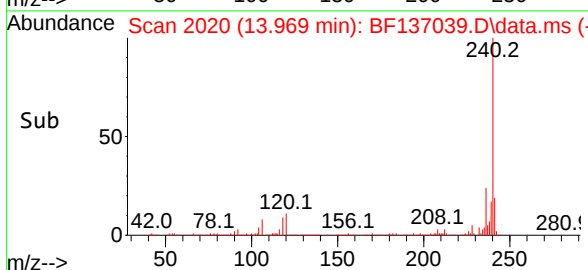
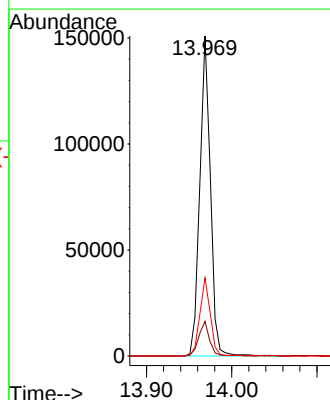
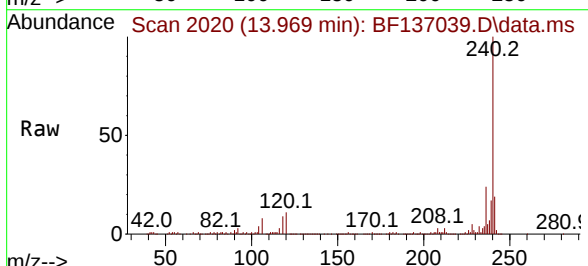
Tgt Ion:240 Resp: 130456

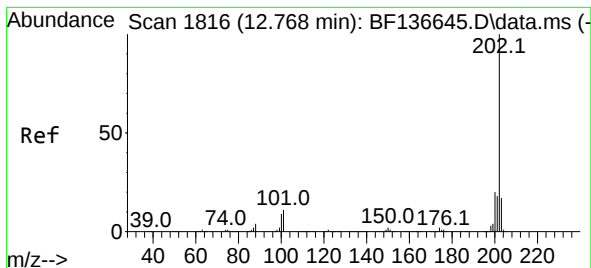
Ion Ratio Lower Upper

240 100

120 10.8 10.3 15.5

236 24.4 19.4 29.2





#78

Pyrene

Concen: 4.493 ng

RT: 12.763 min Scan# 1815

Delta R.T. -0.006 min

Lab File: BF137039.D

Acq: 11 Jan 2024 15:19

Instrument :

BNA_F

ClientSampleId :

COMP-3

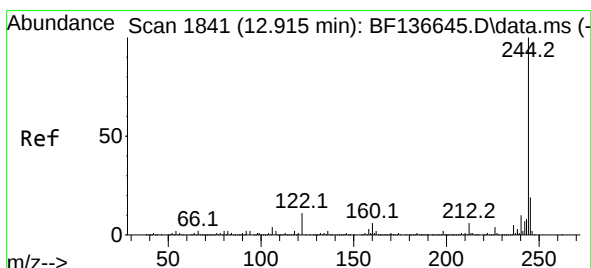
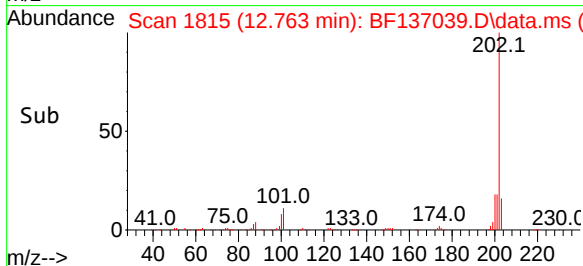
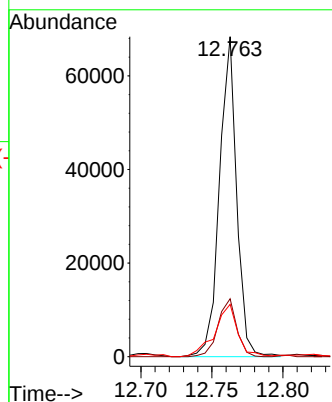
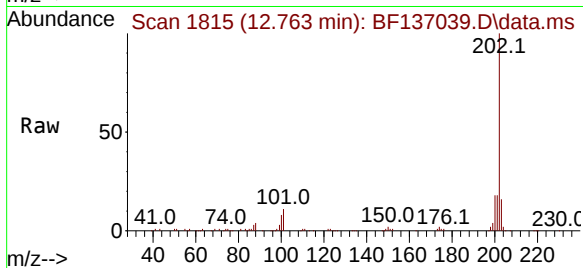
Tgt Ion:202 Resp: 57533

Ion Ratio Lower Upper

202 100

200 18.1 15.9 23.9

203 16.3 13.8 20.6



#79

Terphenyl-d14

Concen: 50.385 ng

RT: 12.904 min Scan# 1839

Delta R.T. -0.012 min

Lab File: BF137039.D

Acq: 11 Jan 2024 15:19

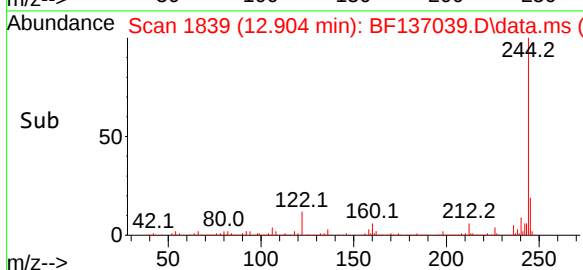
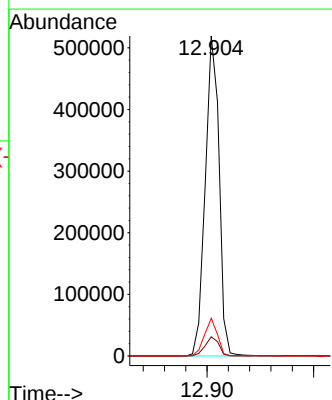
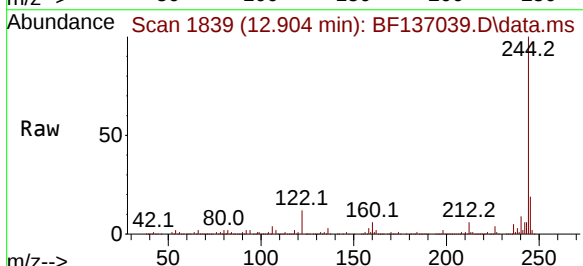
Tgt Ion:244 Resp: 470352

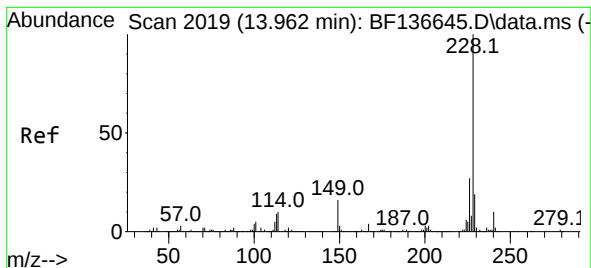
Ion Ratio Lower Upper

244 100

212 6.0 5.0 7.4

122 11.8 9.0 13.4





#81

Benzo(a)anthracene

Concen: 3.334 ng

RT: 13.957 min Scan# 20

Delta R.T. -0.006 min

Lab File: BF137039.D

Acq: 11 Jan 2024 15:19

Instrument :

BNA_F

ClientSampleId :

COMP-3

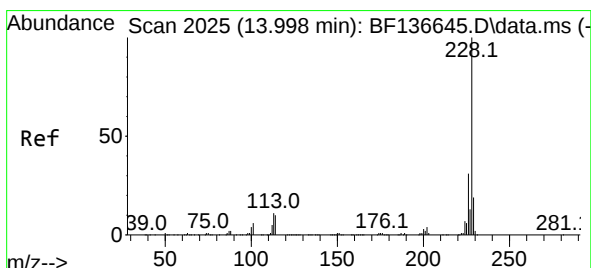
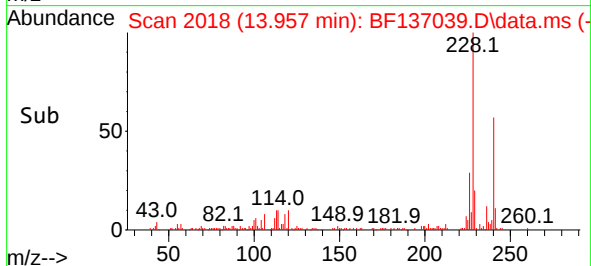
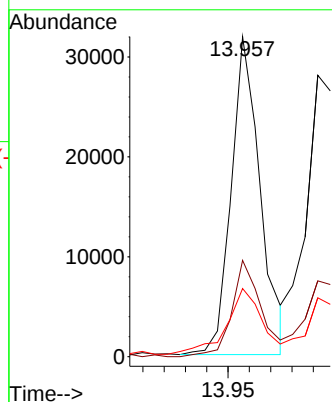
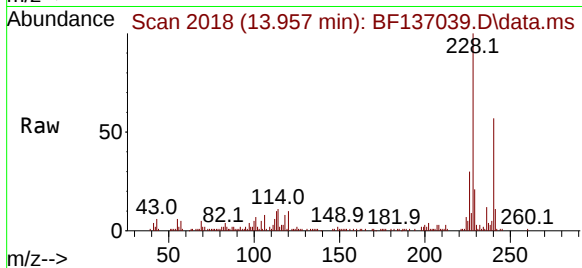
Tgt Ion:228 Resp: 30203

Ion Ratio Lower Upper

228 100

226 30.1 21.4 32.0

229 21.3 14.9 22.3



#83

Chrysene

Concen: 3.313 ng

RT: 13.992 min Scan# 2024

Delta R.T. -0.006 min

Lab File: BF137039.D

Acq: 11 Jan 2024 15:19

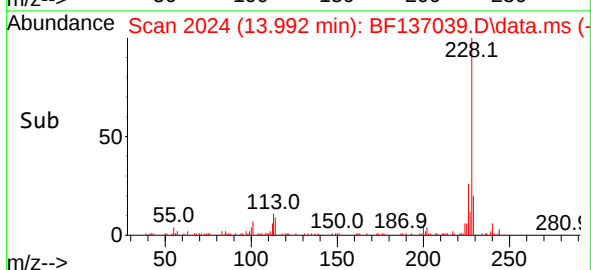
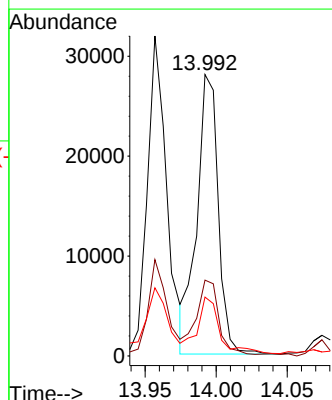
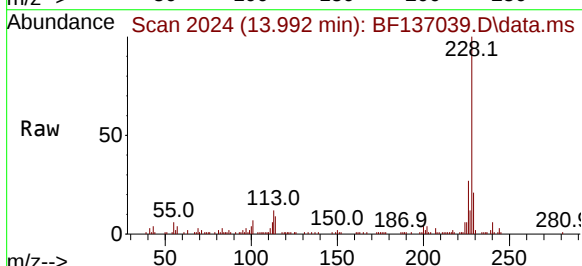
Tgt Ion:228 Resp: 29349

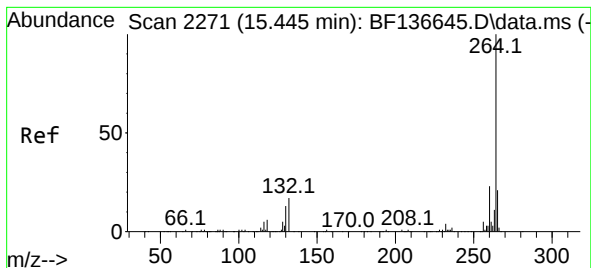
Ion Ratio Lower Upper

228 100

226 26.9 24.7 37.1

229 20.9 15.4 23.0





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.457 min Scan# 21

Delta R.T. 0.012 min

Lab File: BF137039.D

Acq: 11 Jan 2024 15:19

Instrument :

BNA_F

ClientSampleId :

COMP-3

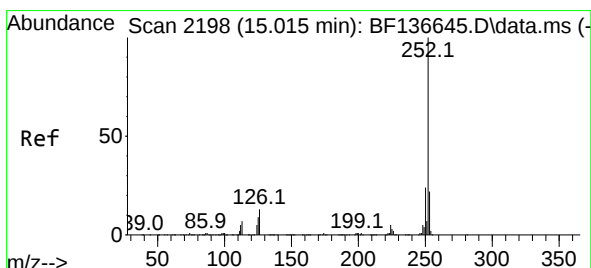
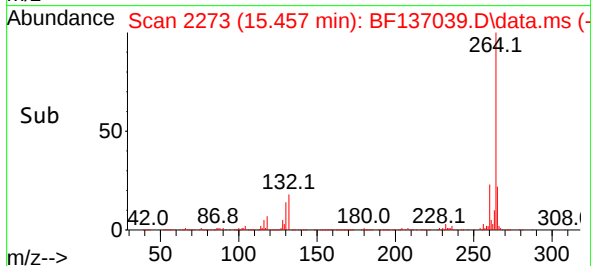
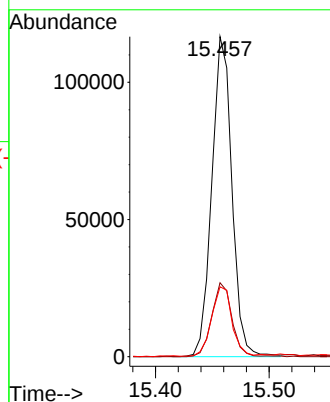
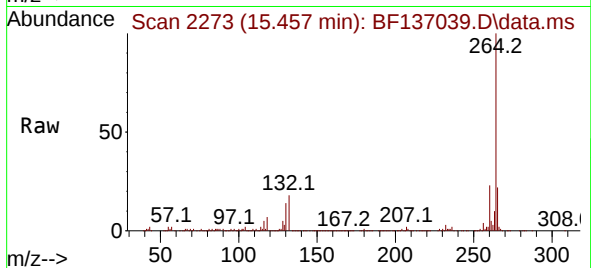
Tgt Ion:264 Resp: 143469

Ion Ratio Lower Upper

264 100

260 23.1 18.3 27.5

265 21.9 17.0 25.6



#88

Benzo(b)fluoranthene

Concen: 4.692 ng

RT: 15.021 min Scan# 2199

Delta R.T. 0.006 min

Lab File: BF137039.D

Acq: 11 Jan 2024 15:19

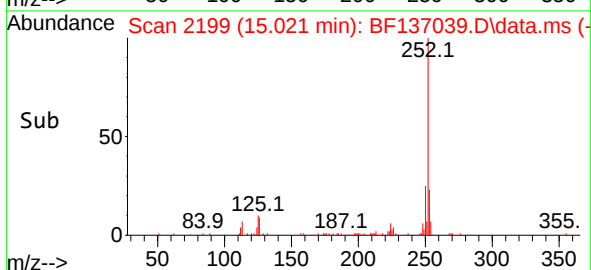
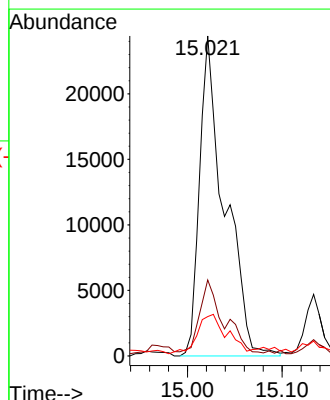
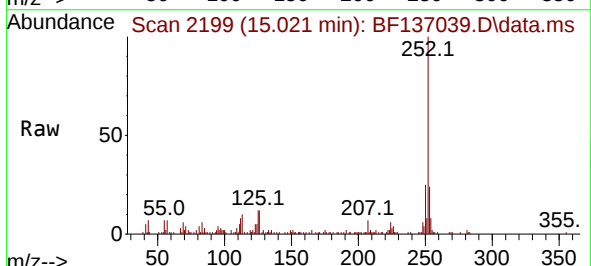
Tgt Ion:252 Resp: 44962

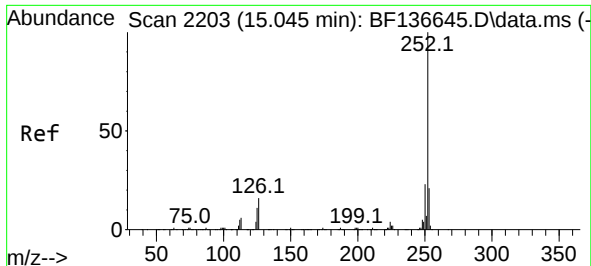
Ion Ratio Lower Upper

252 100

253 23.8 17.4 26.0

125 12.3 7.4 11.2#





#89

Benzo(k)fluoranthene

Concen: 4.966 ng

RT: 15.021 min Scan# 2199

Delta R.T. -0.023 min

Lab File: BF137039.D

Acq: 11 Jan 2024 15:19

Instrument :

BNA_F

ClientSampleId :

COMP-3

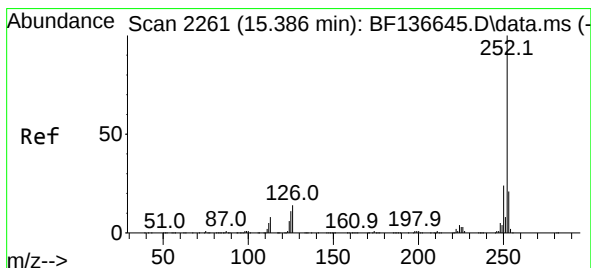
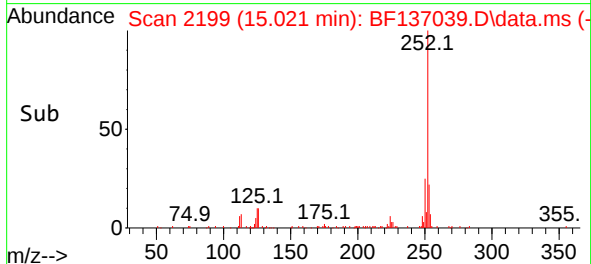
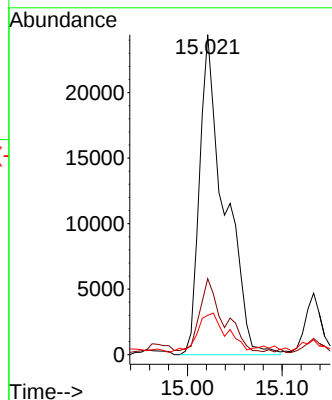
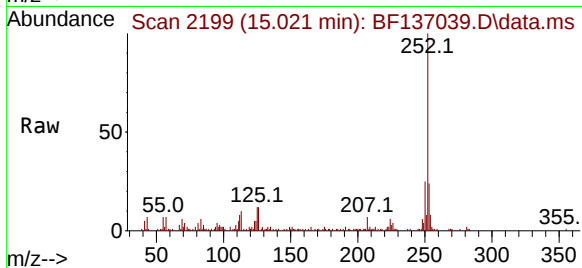
Tgt Ion:252 Resp: 44962

Ion Ratio Lower Upper

252 100

253 23.8 17.0 25.6

125 12.3 8.2 12.4



#90

Benzo(a)pyrene

Concen: 3.037 ng

RT: 15.398 min Scan# 2263

Delta R.T. 0.012 min

Lab File: BF137039.D

Acq: 11 Jan 2024 15:19

Tgt Ion:252 Resp: 24563

Ion Ratio Lower Upper

252 100

253 25.1 17.0 25.6

125 10.4 8.8 13.2

