

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042424\
 Data File : BF137723.D
 Acq On : 24 Apr 2024 17:45
 Operator : CG\JU
 Sample : P2241-01
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 344

Quant Time: Apr 24 18:33:53 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042324.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 24 03:57:12 2024
 Response via : Initial Calibration

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

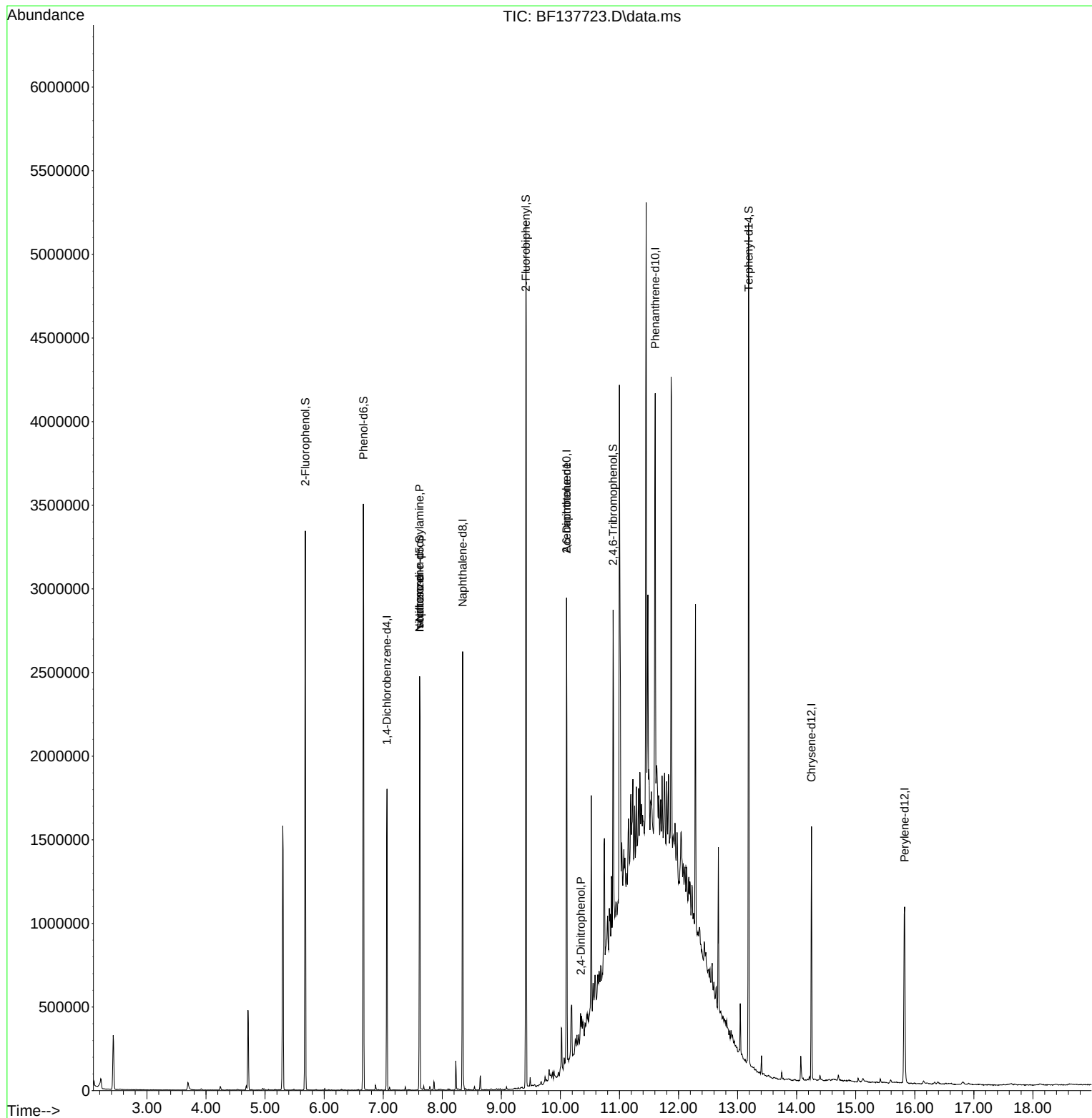
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.063	152	256022	20.000	ng	0.00
21) Naphthalene-d8	8.345	136	993258	20.000	ng	0.00
39) Acenaphthene-d10	10.104	164	532840	20.000	ng	-0.01
64) Phenanthrene-d10	11.604	188	875122	20.000	ng	0.00
76) Chrysene-d12	14.251	240	464574	20.000	ng	# 0.00
86) Perylene-d12	15.827	264	520635	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.681	112	832829	49.414	ng	0.00
7) Phenol-d6	6.663	99	1188905	55.548	ng	-0.01
23) Nitrobenzene-d5	7.616	82	772181	41.268	ng	-0.01
42) 2,4,6-Tribromophenol	10.892	330	217257	40.407	ng	-0.01
45) 2-Fluorobiphenyl	9.416	172	1590048	44.589	ng	-0.01
79) Terphenyl-d14	13.186	244	1600822	55.462	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.616	70	102305	7.392	ng	# 80
25) Isophorone	7.616	82	771359	22.197	ng	# 64
51) 2,6-Dinitrotoluene	10.104	165	70915	9.066	ng	# 23
54) 2,4-Dinitrophenol	10.345	184	103	5.612	ng	# 47

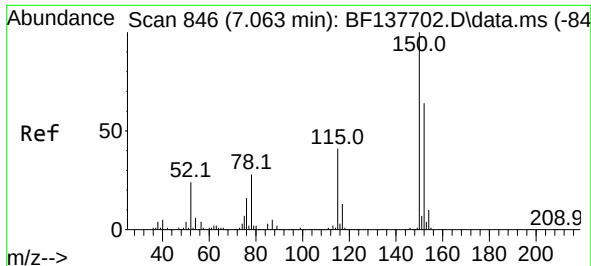
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042424\
Data File : BF137723.D
Acq On : 24 Apr 2024 17:45
Operator : CG\JU
Sample : P2241-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
344

Quant Time: Apr 24 18:33:53 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 24 03:57:12 2024
Response via : Initial Calibration

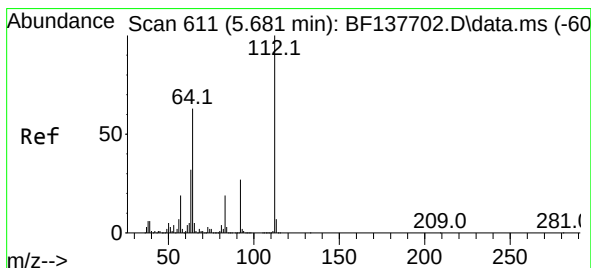
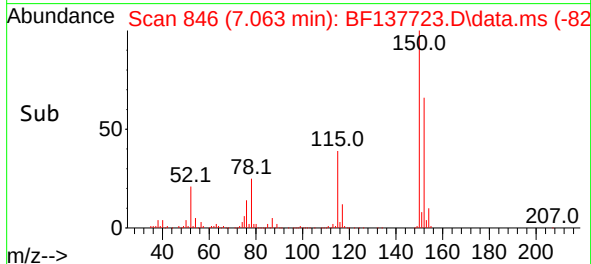
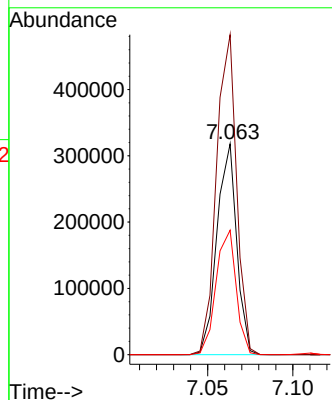
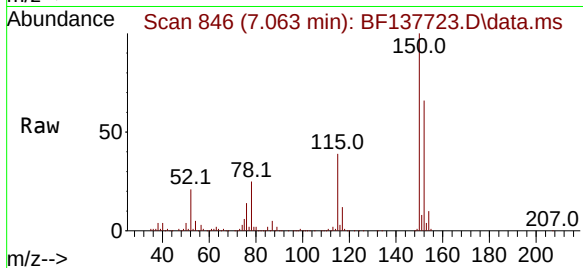




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.063 min Scan# 844
Delta R.T. 0.000 min
Lab File: BF137723.D
Acq: 24 Apr 2024 17:45

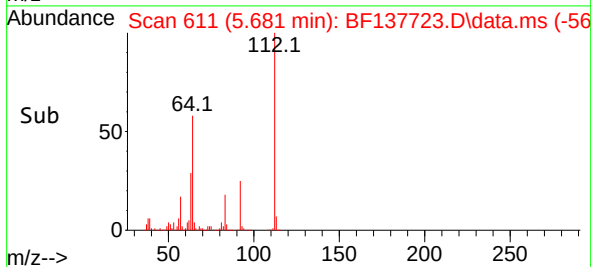
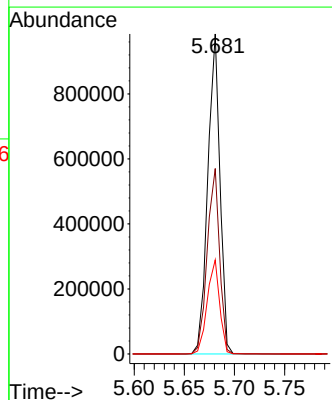
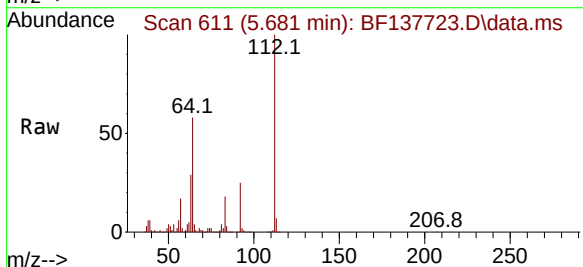
Instrument :
BNA_F
ClientSampleId :
344

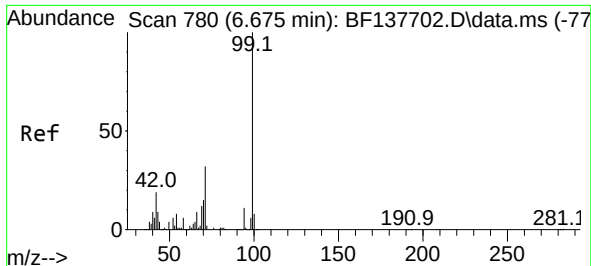
Tgt Ion:152 Resp: 256022
Ion Ratio Lower Upper
152 100
150 151.7 124.2 186.4
115 59.0 50.8 76.2



#5
2-Fluorophenol
Concen: 49.414 ng
RT: 5.681 min Scan# 611
Delta R.T. 0.000 min
Lab File: BF137723.D
Acq: 24 Apr 2024 17:45

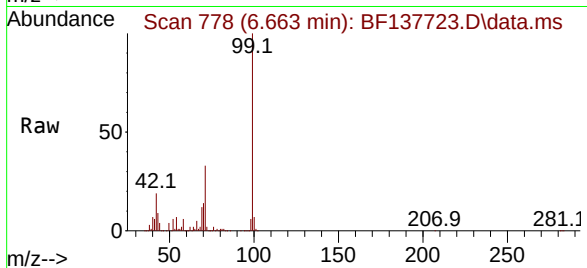
Tgt Ion:112 Resp: 832829
Ion Ratio Lower Upper
112 100
64 58.0 50.1 75.1
63 29.4 25.2 37.8





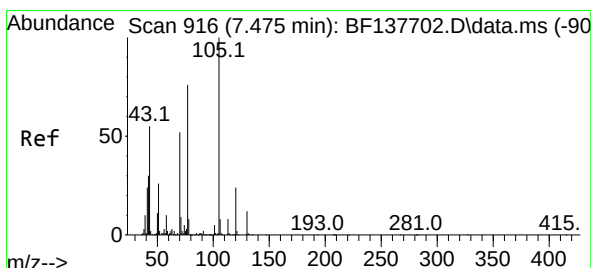
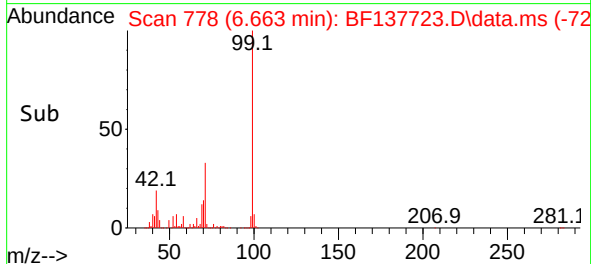
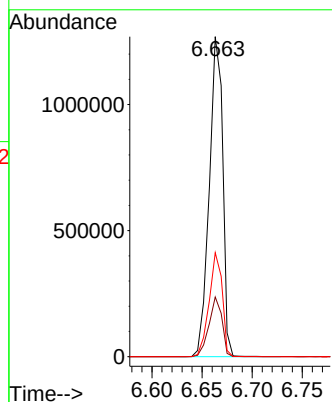
#7
Phenol-d6
Concen: 55.548 ng
RT: 6.663 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF137723.D
Acq: 24 Apr 2024 17:45

Instrument :
BNA_F
ClientSampleId :
344



Tgt Ion: 99 Resp: 1188905

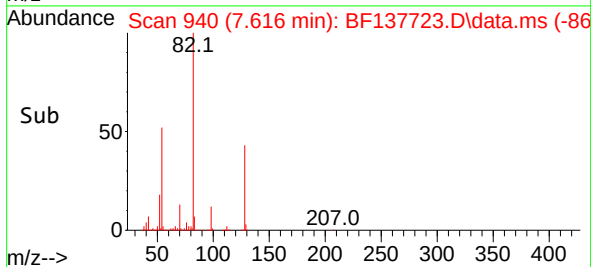
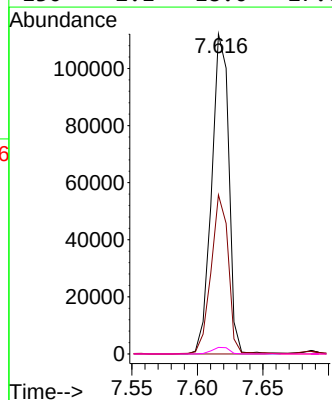
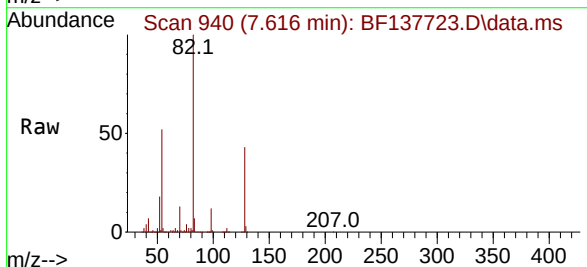
Ion	Ratio	Lower	Upper
99	100		
42	18.6	15.0	22.4
71	32.5	25.7	38.5

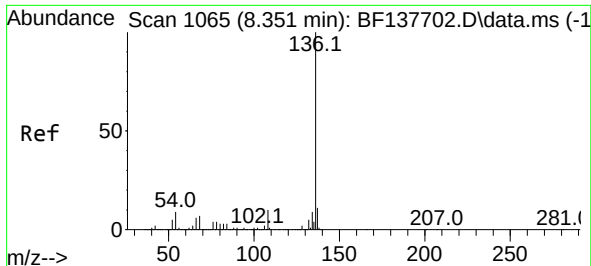


#19
n-Nitroso-di-n-propylamine
Concen: 7.392 ng
RT: 7.616 min Scan# 940
Delta R.T. 0.141 min
Lab File: BF137723.D
Acq: 24 Apr 2024 17:45

Tgt Ion: 70 Resp: 102305

Ion	Ratio	Lower	Upper
70	100		
42	49.7	45.9	68.9
101	0.0	8.0	12.0#
130	2.1	18.0	27.0#

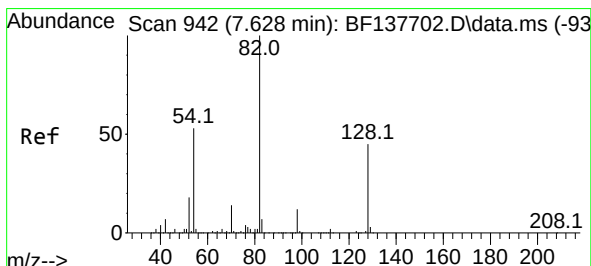
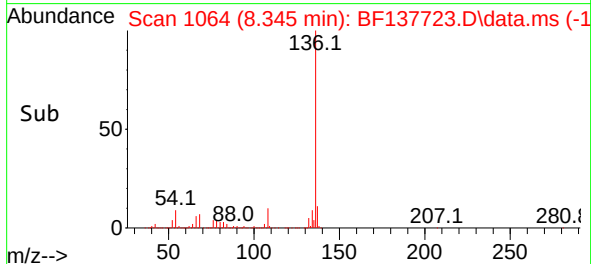
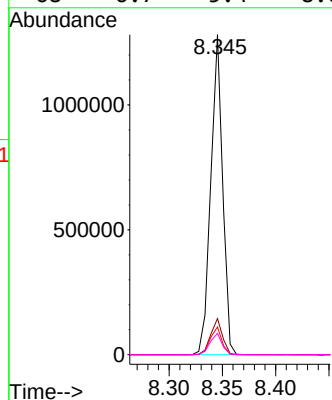
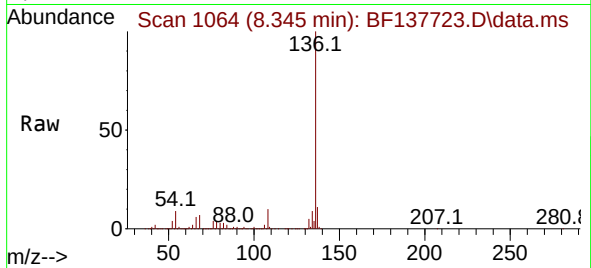




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.345 min Scan# 1064
Delta R.T. -0.006 min
Lab File: BF137723.D
Acq: 24 Apr 2024 17:45

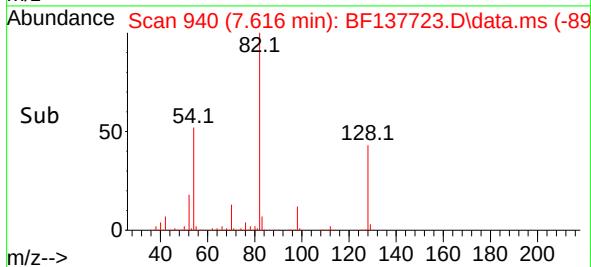
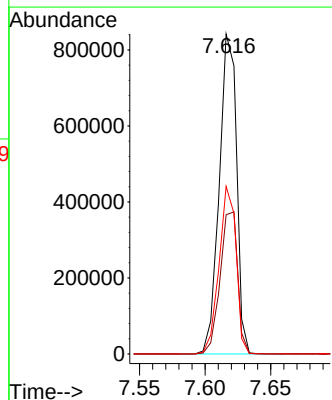
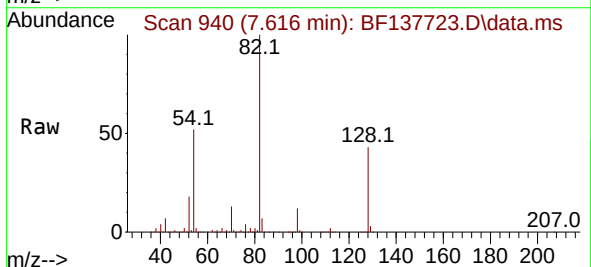
Instrument :
BNA_F
ClientSampleId :
344

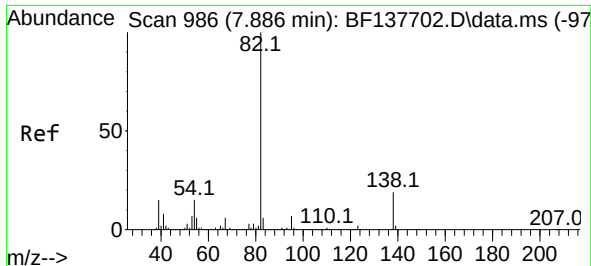
Tgt Ion:	136	Resp:	993258
Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.8	13.2
54	8.7	6.9	10.3
68	6.7	5.4	8.0



#23
Nitrobenzene-d5
Concen: 41.268 ng
RT: 7.616 min Scan# 940
Delta R.T. -0.012 min
Lab File: BF137723.D
Acq: 24 Apr 2024 17:45

Tgt Ion:	82	Resp:	772181
Ion	Ratio	Lower	Upper
82	100		
128	43.5	35.8	53.6
54	52.3	42.5	63.7

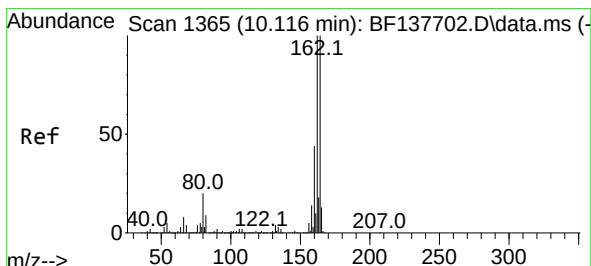
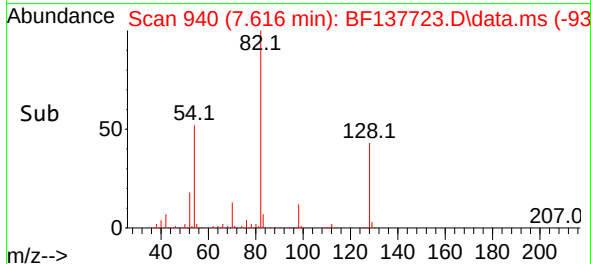
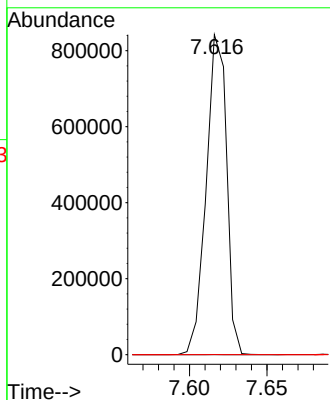
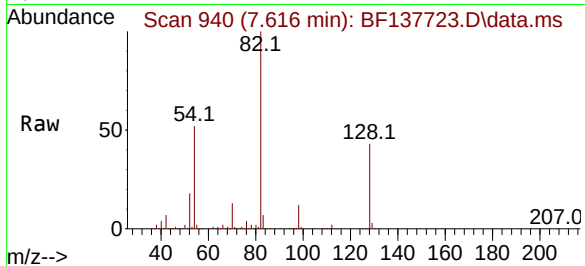




#25
Isophorone
Concen: 22.197 ng
RT: 7.616 min Scan# 94
Delta R.T. -0.270 min
Lab File: BF137723.D
Acq: 24 Apr 2024 17:45

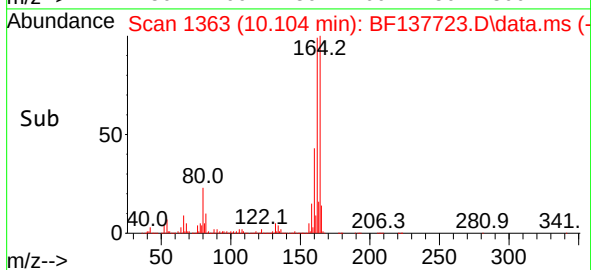
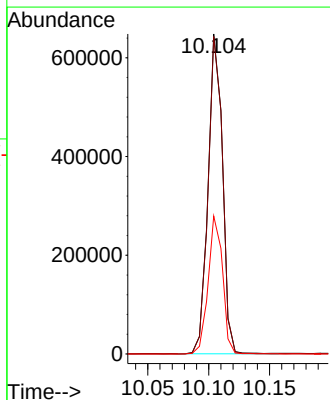
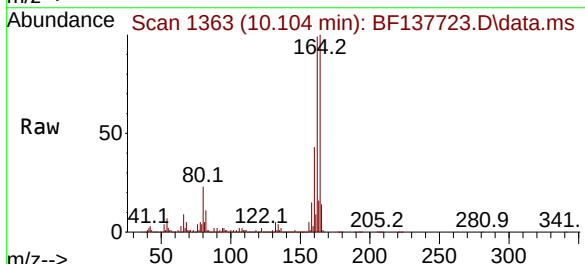
Instrument :
BNA_F
ClientSampleId :
344

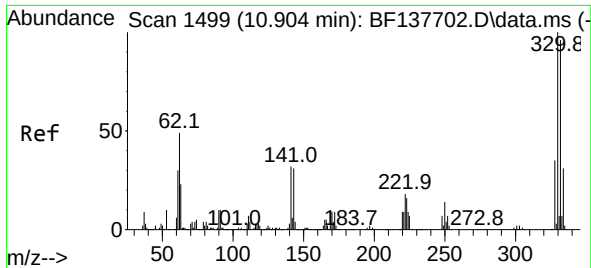
Tgt Ion: 82 Resp: 771359
Ion Ratio Lower Upper
82 100
95 0.0 5.5 8.3#
138 0.0 15.3 22.9#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.104 min Scan# 1363
Delta R.T. -0.012 min
Lab File: BF137723.D
Acq: 24 Apr 2024 17:45

Tgt Ion:164 Resp: 532840
Ion Ratio Lower Upper
164 100
162 99.2 80.3 120.5
160 43.1 35.0 52.4

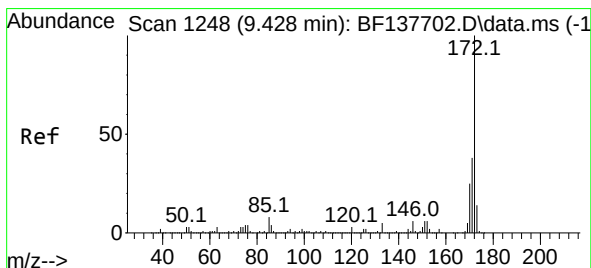
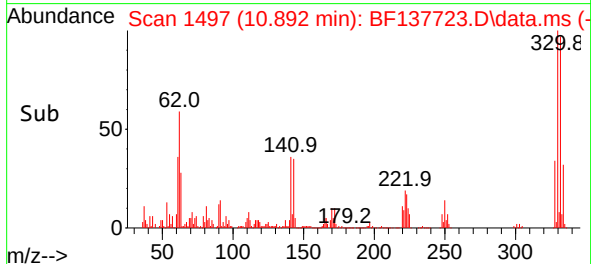
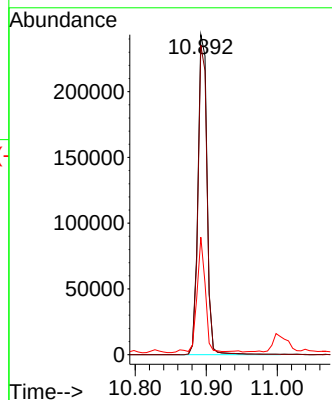
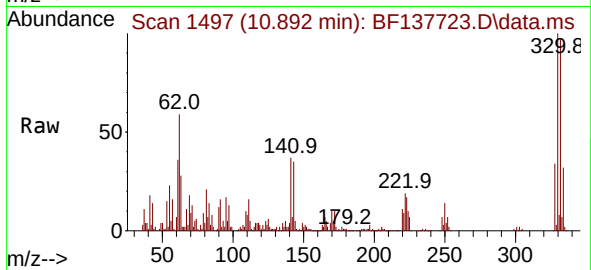




#42
2,4,6-Tribromophenol
Concen: 40.407 ng
RT: 10.892 min Scan# 1499
Delta R.T. -0.012 min
Lab File: BF137723.D
Acq: 24 Apr 2024 17:45

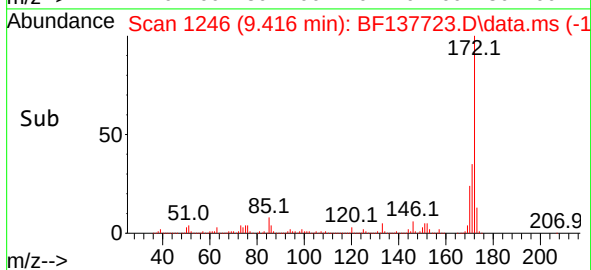
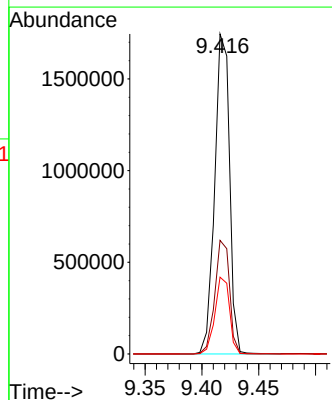
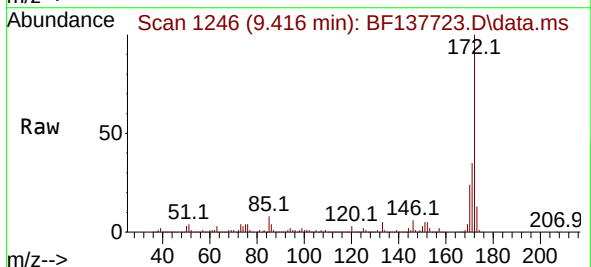
Instrument :
BNA_F
ClientSampleId :
344

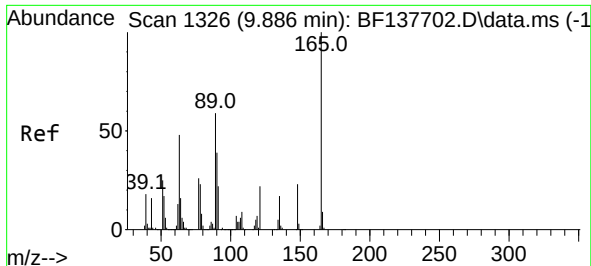
Tgt Ion: 330 Resp: 217257
Ion Ratio Lower Upper
330 100
332 96.1 77.1 115.7
141 33.3 27.0 40.4



#45
2-Fluorobiphenyl
Concen: 44.589 ng
RT: 9.416 min Scan# 1246
Delta R.T. -0.012 min
Lab File: BF137723.D
Acq: 24 Apr 2024 17:45

Tgt Ion: 172 Resp: 1590048
Ion Ratio Lower Upper
172 100
171 35.5 30.2 45.4
170 24.0 20.2 30.4





#51

2,6-Dinitrotoluene

Concen: 9.066 ng

RT: 10.104 min Scan# 11

Delta R.T. 0.218 min

Lab File: BF137723.D

Acq: 24 Apr 2024 17:45

Instrument :

BNA_F

ClientSampleId :

344

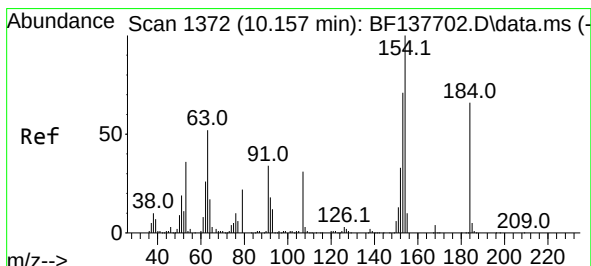
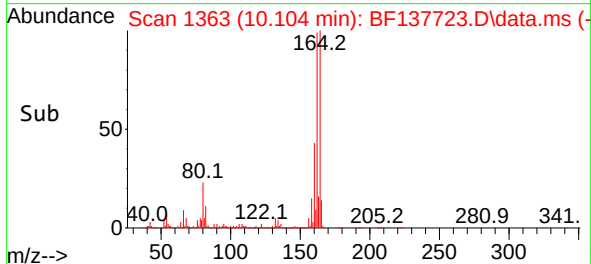
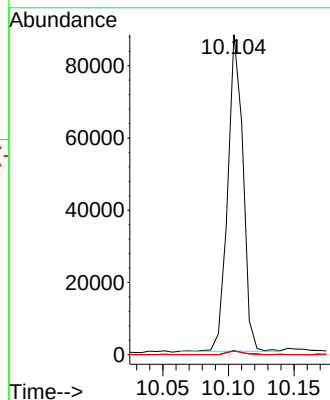
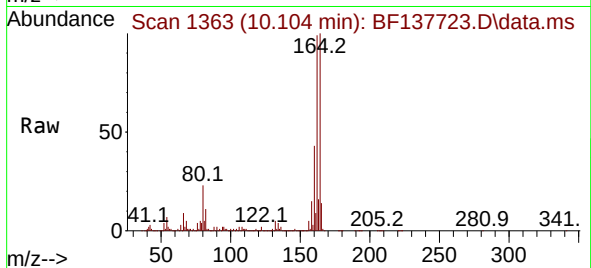
Tgt Ion:165 Resp: 70915

Ion Ratio Lower Upper

165 100

63 1.3 47.7 71.5#

89 1.1 47.3 70.9#



#54

2,4-Dinitrophenol

Concen: 5.612 ng

RT: 10.345 min Scan# 1404

Delta R.T. 0.188 min

Lab File: BF137723.D

Acq: 24 Apr 2024 17:45

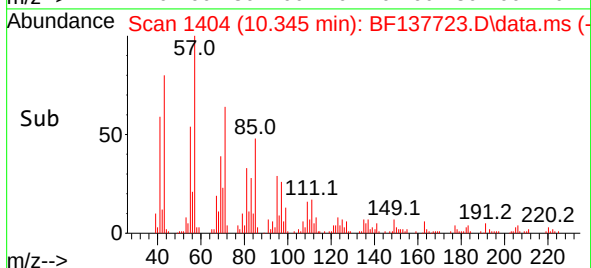
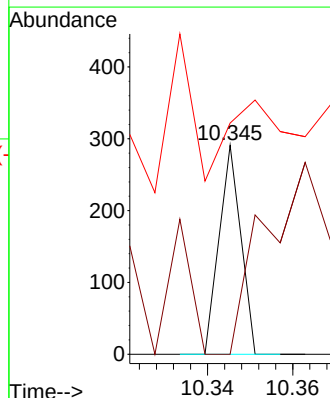
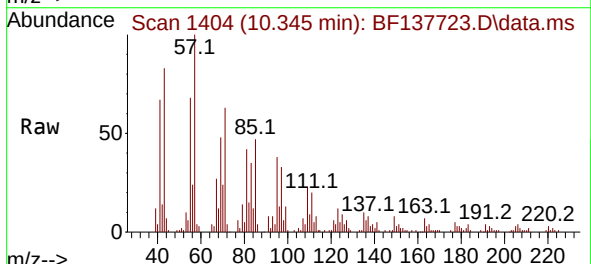
Tgt Ion:184 Resp: 103

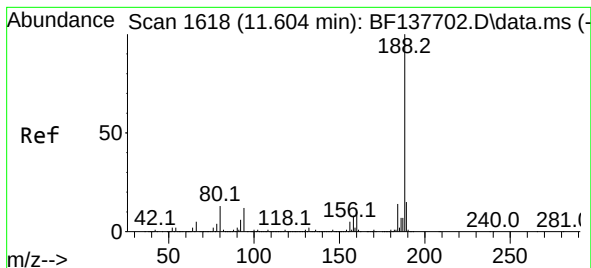
Ion Ratio Lower Upper

184 100

63 0.0 63.5 95.3#

154 110.7 123.0 184.6#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.604 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF137723.D

Acq: 24 Apr 2024 17:45

Instrument :

BNA_F

ClientSampleId :

344

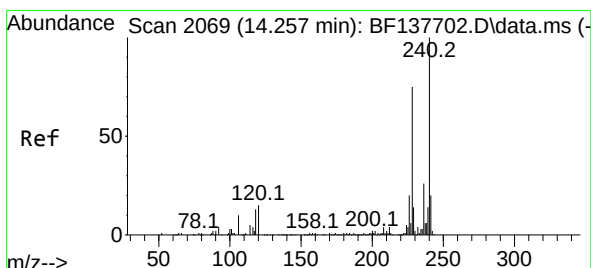
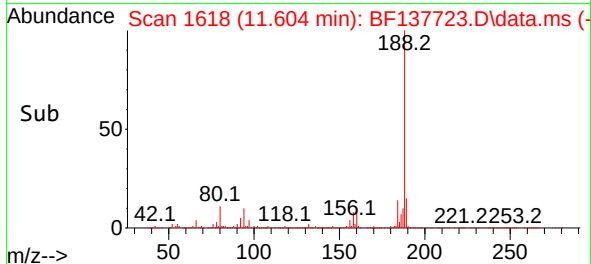
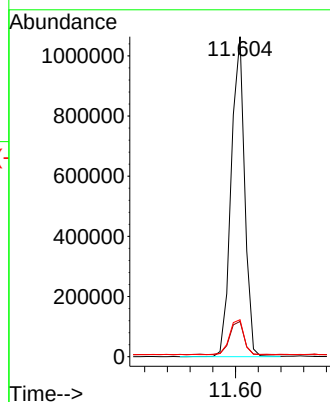
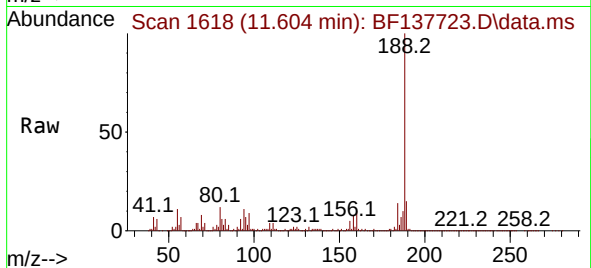
Tgt Ion:188 Resp: 875122

Ion Ratio Lower Upper

188 100

94 11.0 9.4 14.2

80 11.5 10.2 15.4



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.251 min Scan# 2068

Delta R.T. -0.006 min

Lab File: BF137723.D

Acq: 24 Apr 2024 17:45

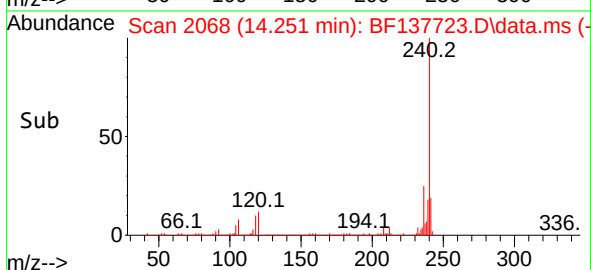
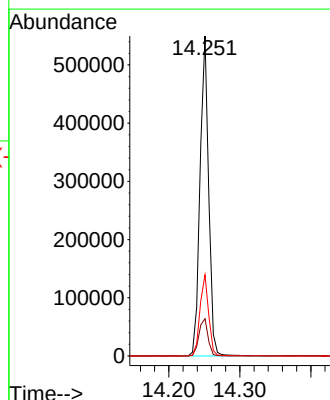
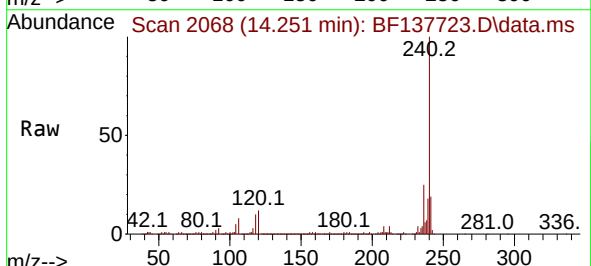
Tgt Ion:240 Resp: 464574

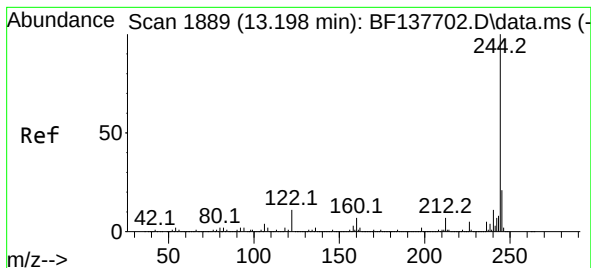
Ion Ratio Lower Upper

240 100

120 11.7 11.9 17.9#

236 25.4 20.8 31.2





#79

Terphenyl-d14

Concen: 55.462 ng

RT: 13.186 min Scan# 1887

Delta R.T. -0.012 min

Lab File: BF137723.D

Acq: 24 Apr 2024 17:45

Instrument :

BNA_F

ClientSampleId :

344

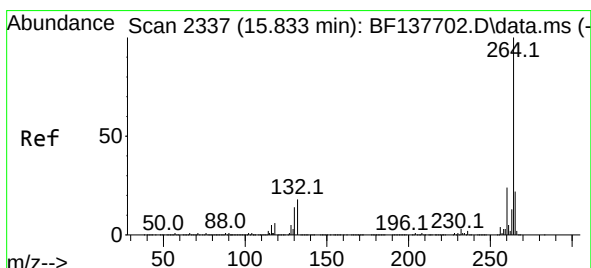
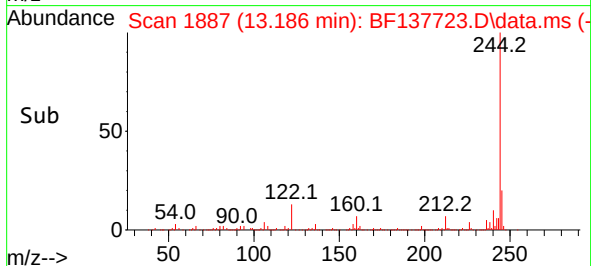
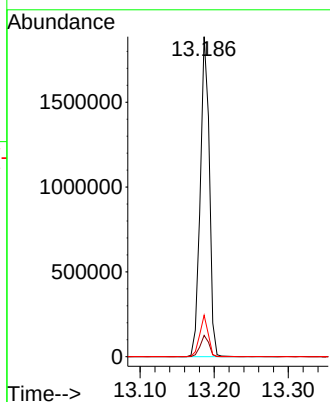
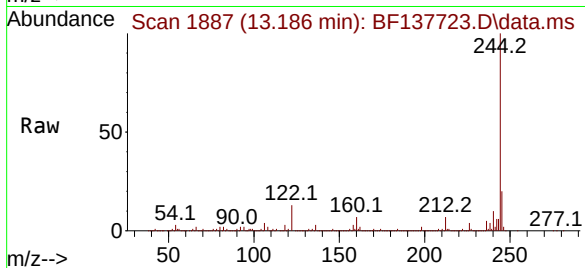
Tgt Ion:244 Resp: 1600822

Ion Ratio Lower Upper

244 100

212 6.7 5.5 8.3

122 13.0 8.8 13.2



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.827 min Scan# 2336

Delta R.T. -0.006 min

Lab File: BF137723.D

Acq: 24 Apr 2024 17:45

Tgt Ion:264 Resp: 520635

Ion Ratio Lower Upper

264 100

260 23.2 19.4 29.2

265 21.3 17.5 26.3

