

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030823\
 Data File : BF132706.D
 Acq On : 08 Mar 2023 23:42
 Operator : CG\JU
 Sample : 01829-13
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SS-11-20230306

Quant Time: Mar 09 04:02:29 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022223.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 07 13:42:31 2023
 Response via : Initial Calibration

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

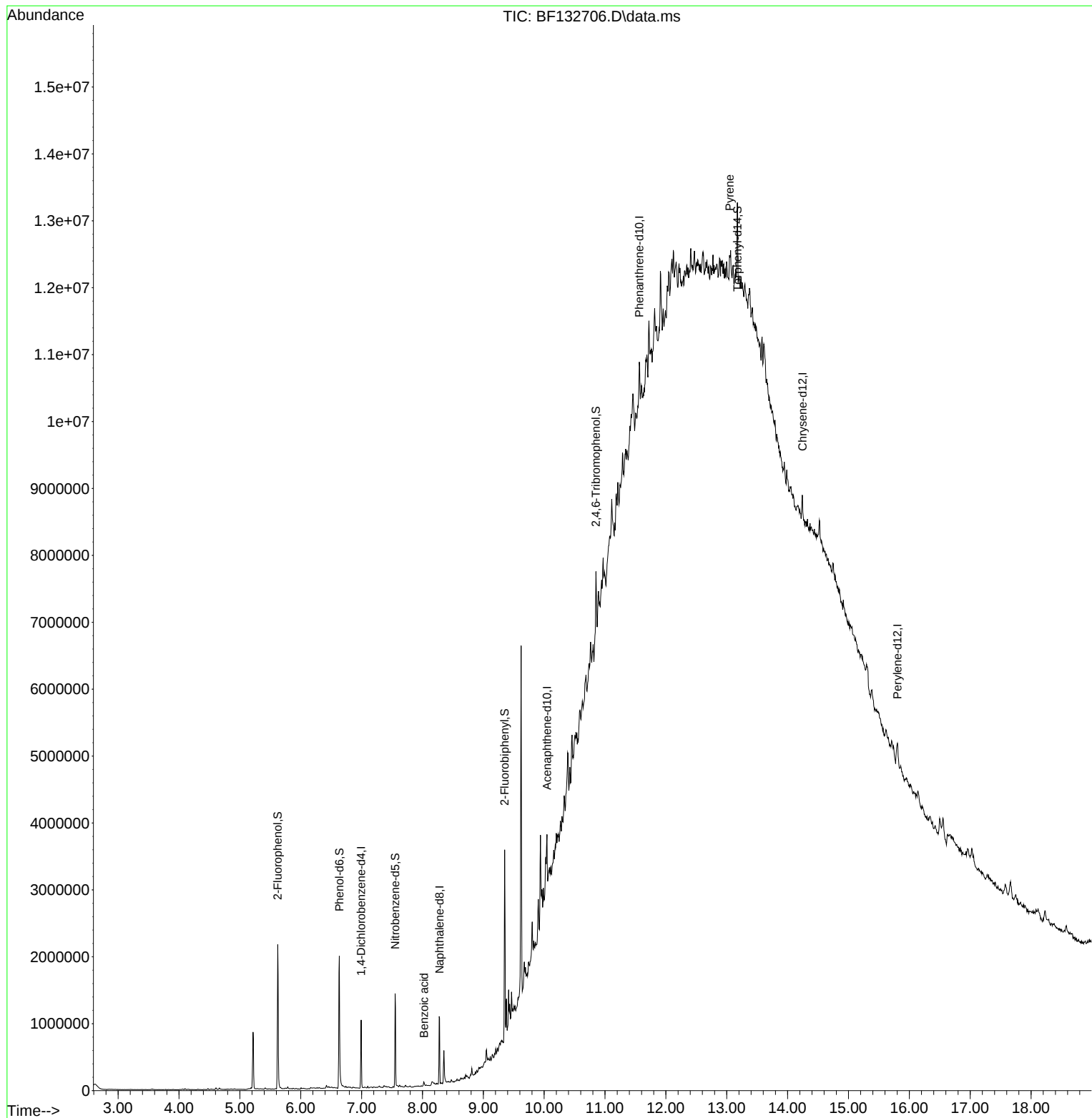
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.993	152	136752	20.000	ng	0.00
21) Naphthalene-d8	8.281	136	448318	20.000	ng	0.00
39) Acenaphthene-d10	10.045	164	190421	20.000	ng	0.00
64) Phenanthrene-d10	11.563	188	252094	20.000	ng	# 0.03
76) Chrysene-d12	14.245	240	160375	20.000	ng	# 0.05
86) Perylene-d12	15.804	264	144968	20.000	ng	0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.622	112	635380	75.407	ng	0.00
7) Phenol-d6	6.634	99	787101	71.576	ng	0.01
23) Nitrobenzene-d5	7.551	82	440609	46.629	ng	-0.01
42) 2,4,6-Tribromophenol	10.851	330	148133	72.033	ng	0.02
45) 2-Fluorobiphenyl	9.351	172	814103	65.098	ng	0.00
79) Terphenyl-d14	13.175	244	625334	65.926	ng	0.05
Target Compounds						
32) Benzoic acid	8.028	122	10370	5.557	ng	Qvalue 91
78) Pyrene	13.045	202	177004	12.139	ng	# 69

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

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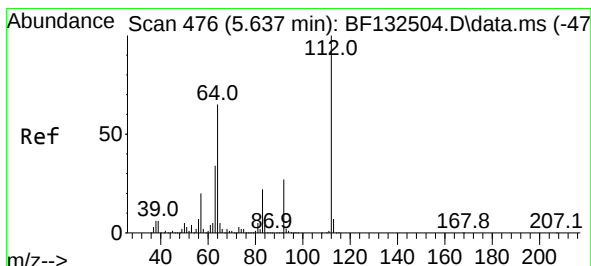
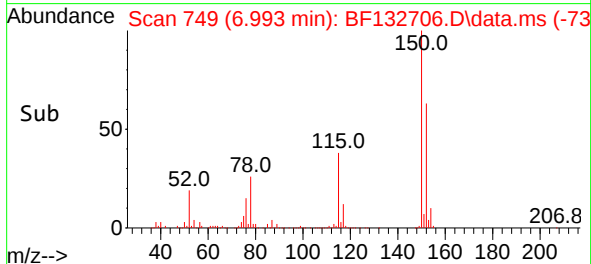
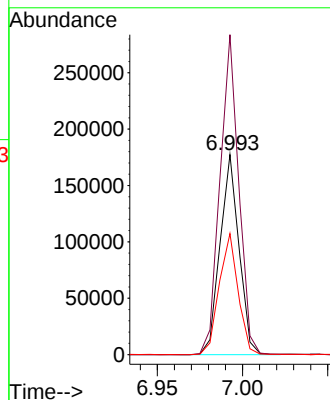
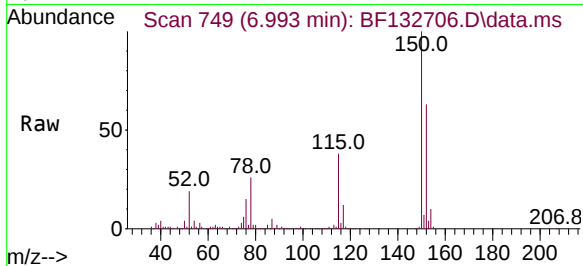




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.993 min Scan# 74
Delta R.T. -0.000 min
Lab File: BF132706.D
Acq: 08 Mar 2023 23:42

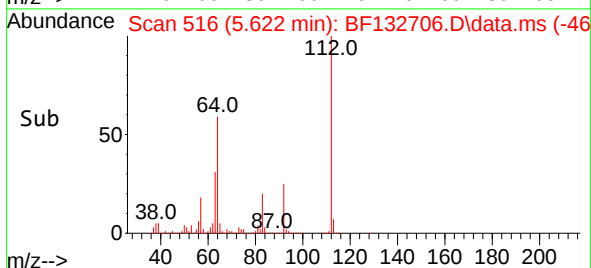
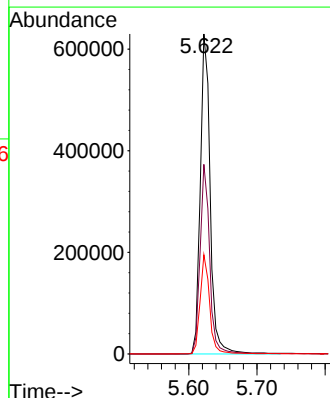
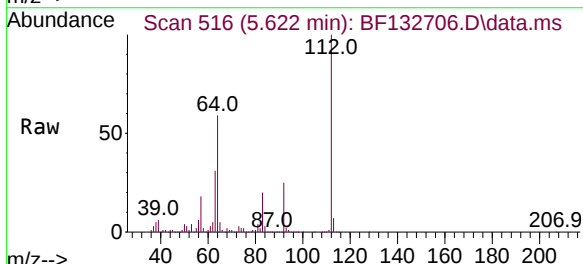
Instrument :
BNA_F
ClientSampleId :
SS-11-20230306

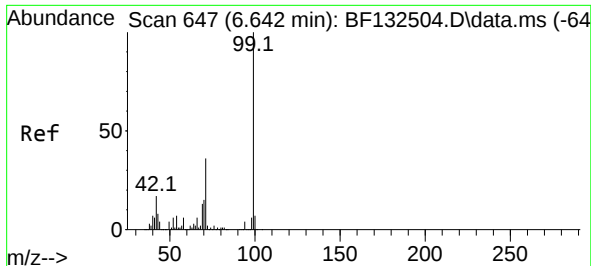
Tgt Ion:152 Resp: 136752
Ion Ratio Lower Upper
152 100
150 159.9 125.4 188.2
115 60.5 47.8 71.6



#5
2-Fluorophenol
Concen: 75.407 ng
RT: 5.622 min Scan# 516
Delta R.T. 0.006 min
Lab File: BF132706.D
Acq: 08 Mar 2023 23:42

Tgt Ion:112 Resp: 635380
Ion Ratio Lower Upper
112 100
64 59.2 51.6 77.4
63 31.0 27.4 41.2

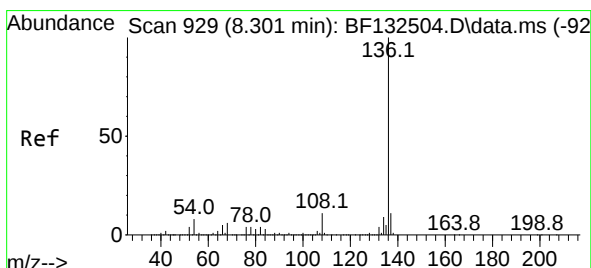
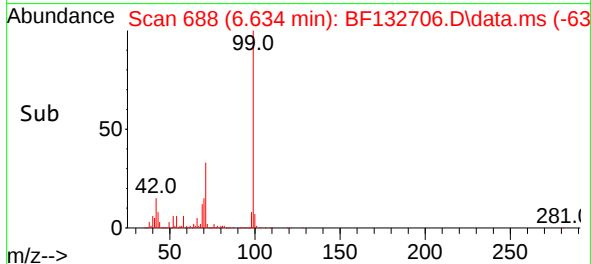
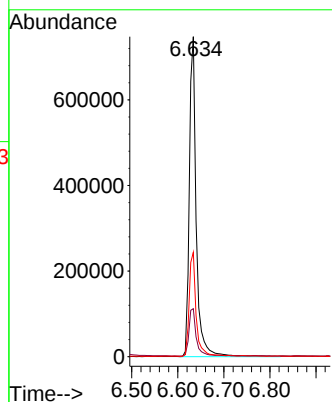
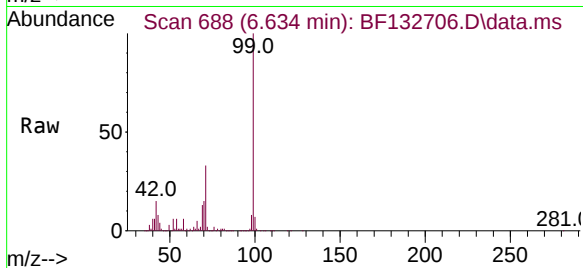




#7
Phenol-d6
Concen: 71.576 ng
RT: 6.634 min Scan# 68
Delta R.T. 0.012 min
Lab File: BF132706.D
Acq: 08 Mar 2023 23:42

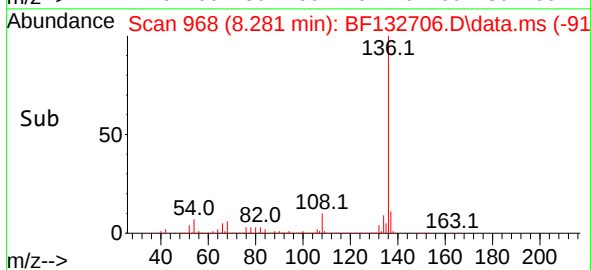
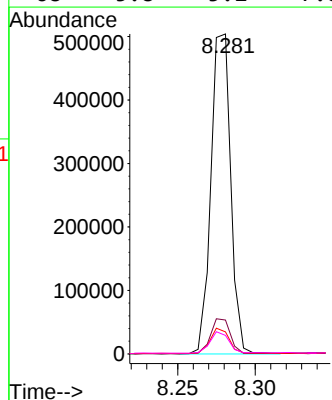
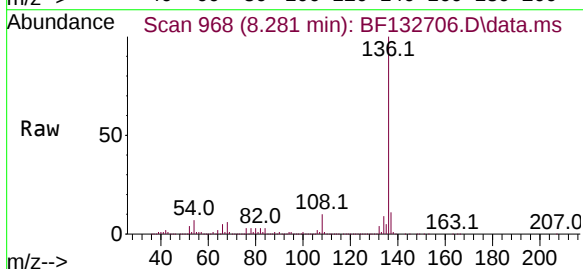
Instrument :
BNA_F
ClientSampleId :
SS-11-20230306

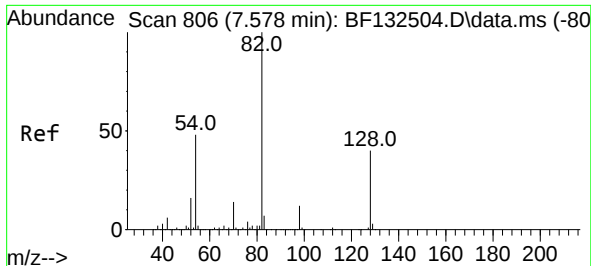
Tgt Ion: 99 Resp: 787101
Ion Ratio Lower Upper
99 100
42 15.0 13.9 20.9
71 32.6 28.5 42.7



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.281 min Scan# 968
Delta R.T. 0.000 min
Lab File: BF132706.D
Acq: 08 Mar 2023 23:42

Tgt Ion: 136 Resp: 448318
Ion Ratio Lower Upper
136 100
137 10.6 8.9 13.3
54 6.9 6.2 9.4
68 5.8 5.2 7.8





#23

Nitrobenzene-d5

Concen: 46.629 ng

RT: 7.551 min Scan# 844

Delta R.T. -0.012 min

Lab File: BF132706.D

Acq: 08 Mar 2023 23:42

Instrument :

BNA_F

ClientSampleId :

SS-11-20230306

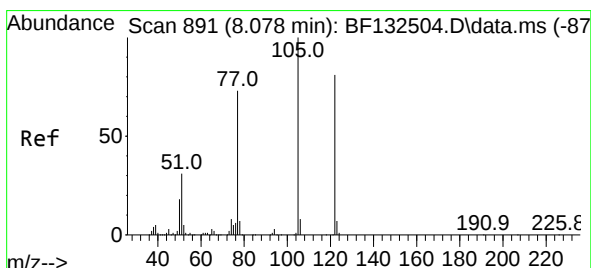
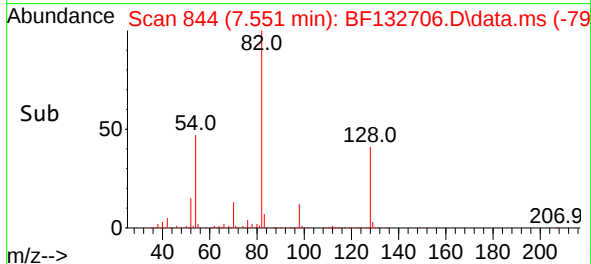
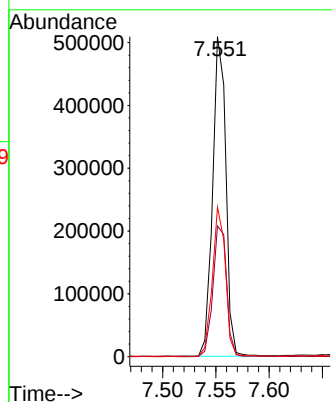
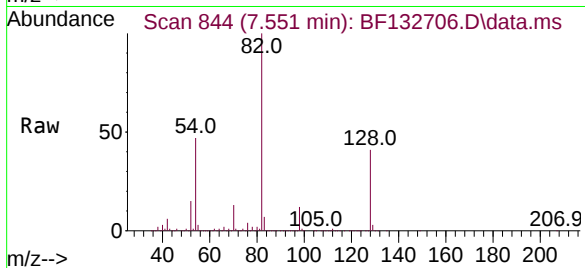
Tgt Ion: 82 Resp: 440609

Ion Ratio Lower Upper

82 100

128 40.8 32.2 48.2

54 46.7 38.4 57.6



#32

Benzoic acid

Concen: 5.557 ng

RT: 8.028 min Scan# 925

Delta R.T. -0.029 min

Lab File: BF132706.D

Acq: 08 Mar 2023 23:42

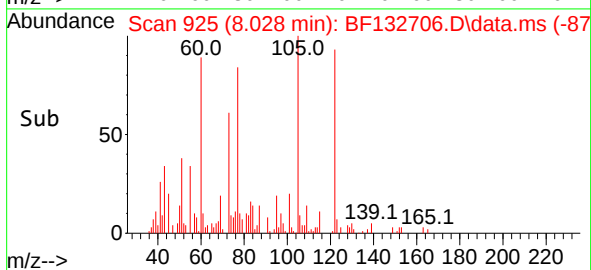
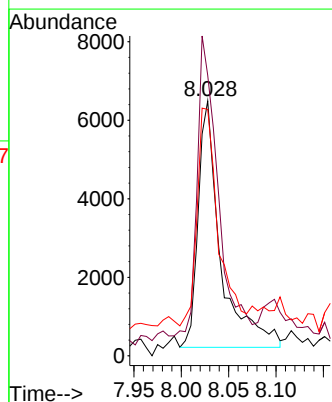
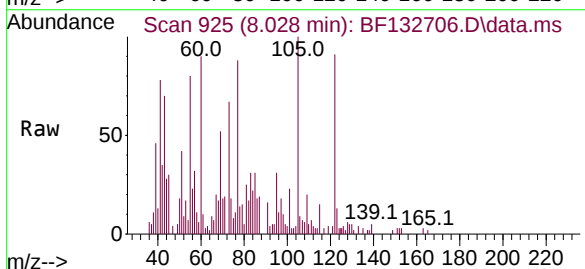
Tgt Ion: 122 Resp: 10370

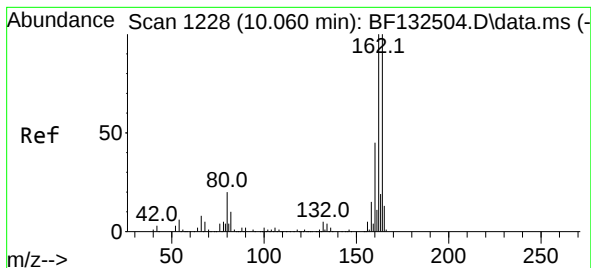
Ion Ratio Lower Upper

122 100

105 110.1 102.6 142.6

77 96.7 70.2 110.2





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.045 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF132706.D

Acq: 08 Mar 2023 23:42

Instrument :

BNA_F

ClientSampleId :

SS-11-20230306

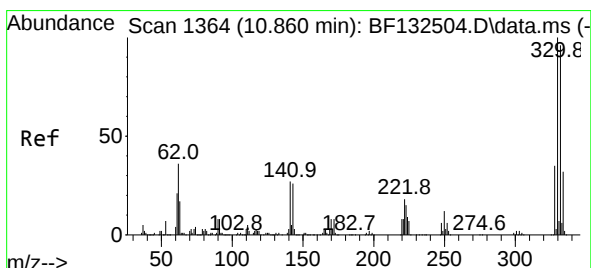
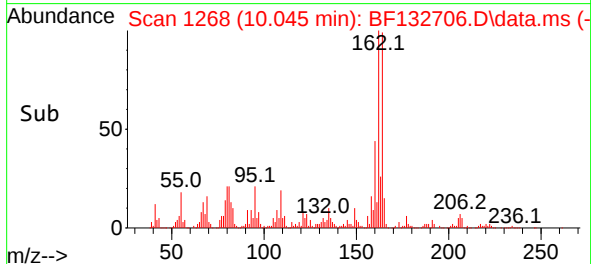
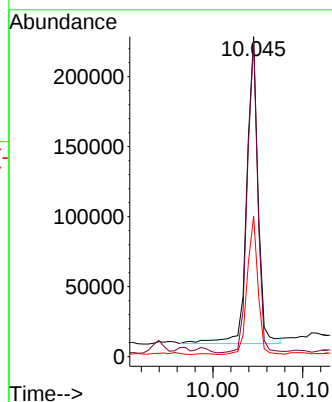
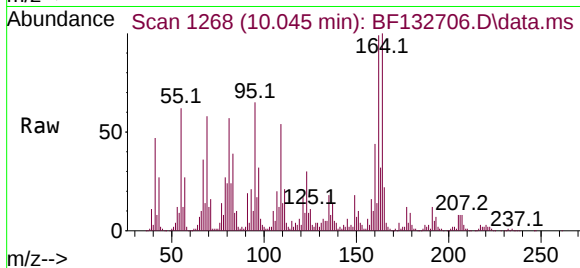
Tgt Ion:164 Resp: 190421

Ion Ratio Lower Upper

164 100

162 98.6 79.8 119.8

160 43.9 35.8 53.6



#42

2,4,6-Tribromophenol

Concen: 72.033 ng

RT: 10.851 min Scan# 1405

Delta R.T. 0.018 min

Lab File: BF132706.D

Acq: 08 Mar 2023 23:42

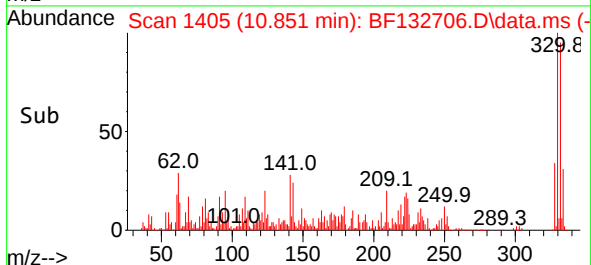
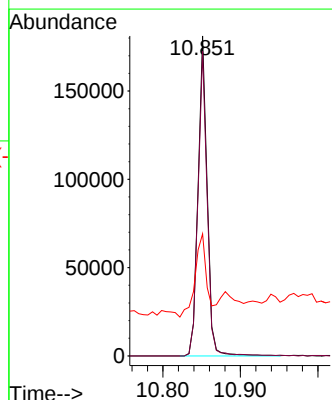
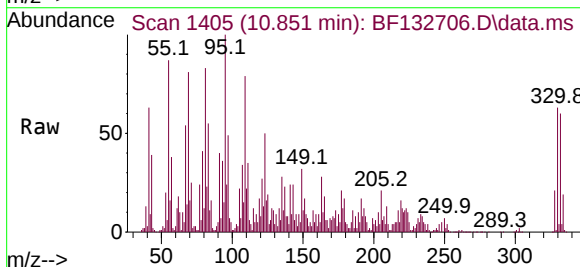
Tgt Ion:330 Resp: 148133

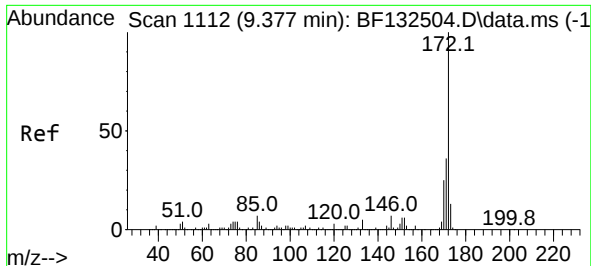
Ion Ratio Lower Upper

330 100

332 95.8 76.2 114.4

141 33.1 28.4 42.6

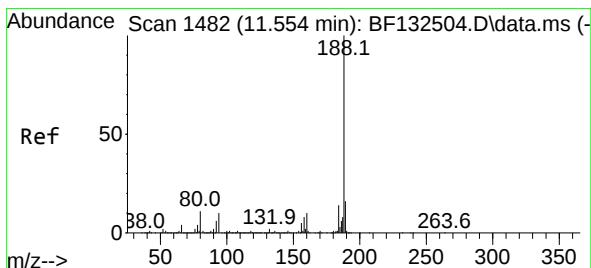
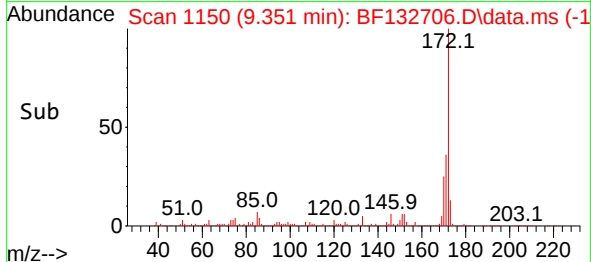
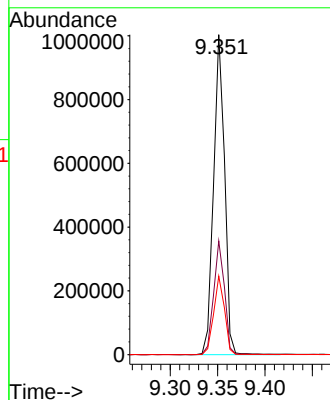
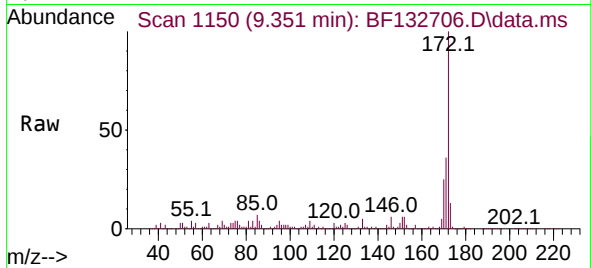




#45
2-Fluorobiphenyl
Concen: 65.098 ng
RT: 9.351 min Scan# 1112
Delta R.T. -0.006 min
Lab File: BF132706.D
Acq: 08 Mar 2023 23:42

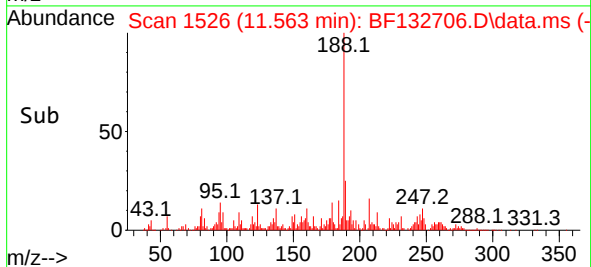
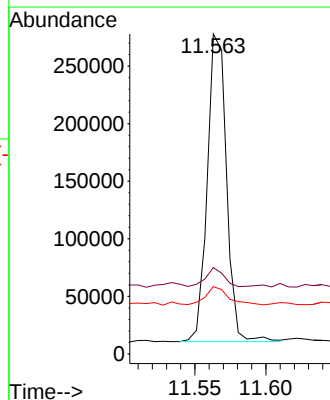
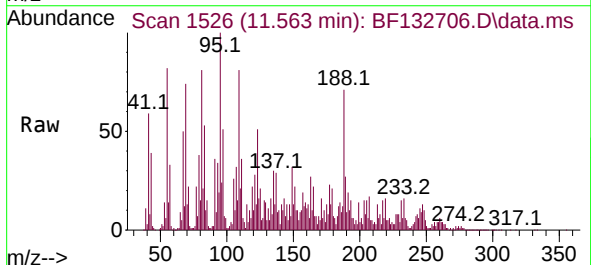
Instrument :
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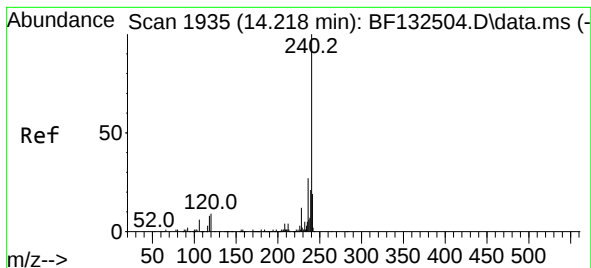
Tgt Ion:172 Resp: 814103
Ion Ratio Lower Upper
172 100
171 35.5 28.8 43.2
170 24.5 19.7 29.5



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.563 min Scan# 1526
Delta R.T. 0.029 min
Lab File: BF132706.D
Acq: 08 Mar 2023 23:42

Tgt Ion:188 Resp: 252094
Ion Ratio Lower Upper
188 100
94 27.0 8.3 12.5#
80 21.0 8.7 13.1#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.245 min Scan# 1935

Delta R.T. 0.047 min

Lab File: BF132706.D

Acq: 08 Mar 2023 23:42

Instrument :

BNA_F

ClientSampleId :

SS-11-20230306

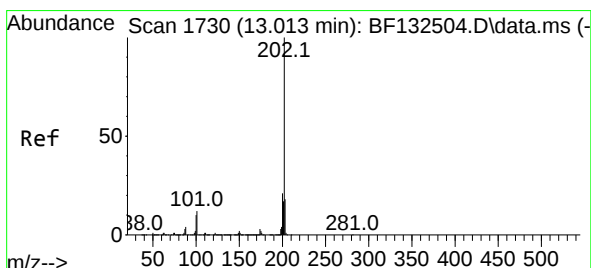
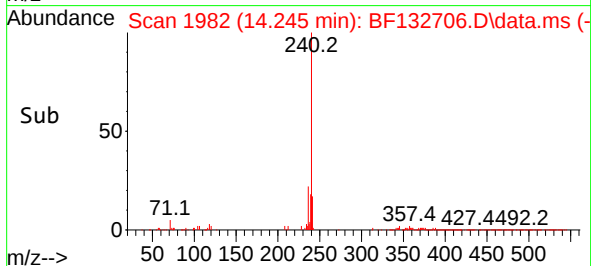
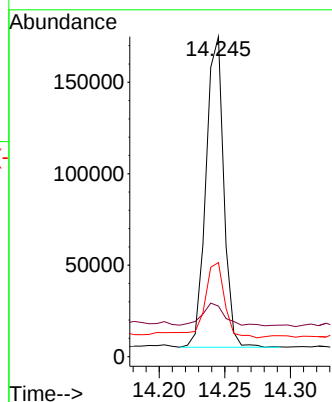
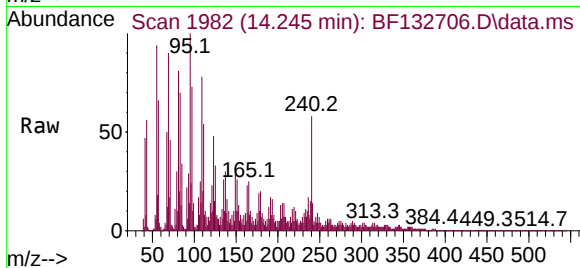
Tgt Ion:240 Resp: 160375

Ion Ratio Lower Upper

240 100

120 15.8 7.2 10.8#

236 29.4 21.8 32.6



#78

Pyrene

Concen: 12.139 ng

RT: 13.045 min Scan# 1778

Delta R.T. 0.053 min

Lab File: BF132706.D

Acq: 08 Mar 2023 23:42

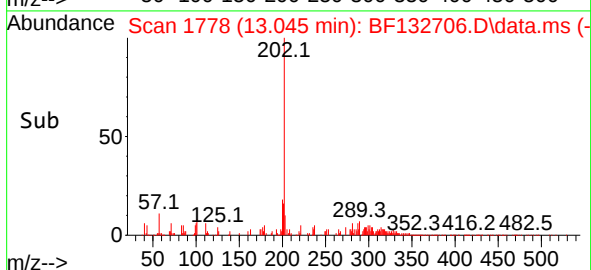
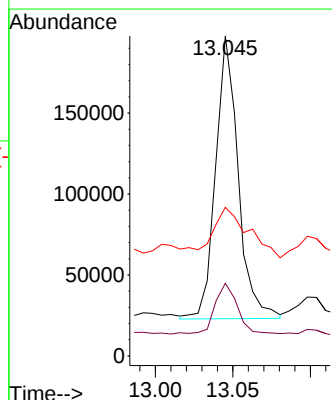
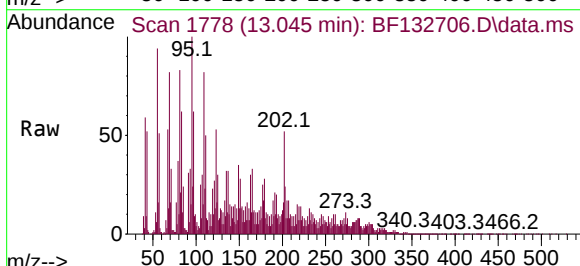
Tgt Ion:202 Resp: 177004

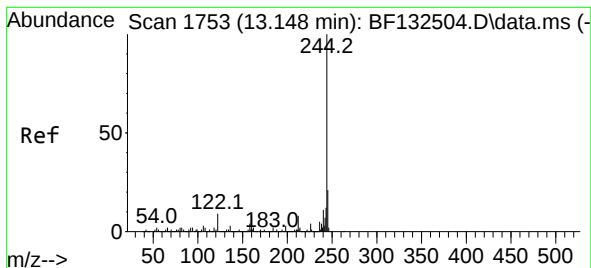
Ion Ratio Lower Upper

202 100

200 22.7 17.1 25.7

203 46.4 14.6 21.8#





#79

Terphenyl-d14

Concen: 65.926 ng

RT: 13.175 min Scan# 1800

Delta R.T. 0.047 min

Lab File: BF132706.D

Acq: 08 Mar 2023 23:42

Instrument :

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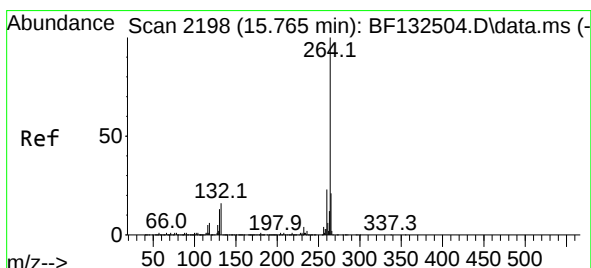
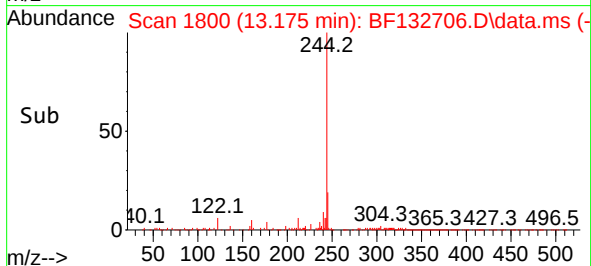
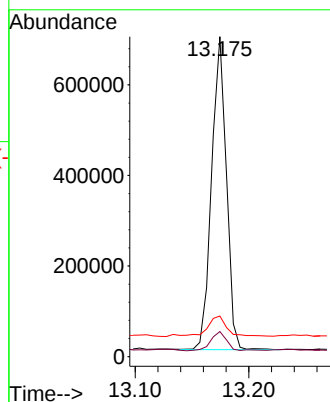
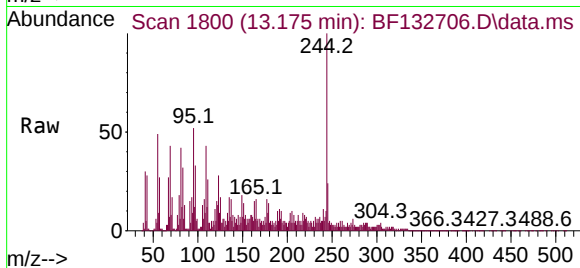
Tgt Ion:244 Resp: 625334

Ion Ratio Lower Upper

244 100

212 7.8 6.5 9.7

122 12.7 7.5 11.3#



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.804 min Scan# 2247

Delta R.T. 0.065 min

Lab File: BF132706.D

Acq: 08 Mar 2023 23:42

Tgt Ion:264 Resp: 144968

Ion Ratio Lower Upper

264 100

260 25.5 18.8 28.2

265 24.9 17.1 25.7

