

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031423\
 Data File : BF132784.D
 Acq On : 14 Mar 2023 18:21
 Operator : CG\JU
 Sample : 01894-01
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 C0AA8

Quant Time: Mar 14 19:08:51 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 14 15:35:42 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.963	152	204333	20.000	ng	0.00
21) Naphthalene-d8	8.245	136	718673	20.000	ng	0.00
39) Acenaphthene-d10	10.010	164	359361	20.000	ng	0.00
64) Phenanthrene-d10	11.504	188	712946	20.000	ng	0.00
76) Chrysene-d12	14.157	240	377045	20.000	ng	0.00
86) Perylene-d12	15.686	264	406211	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.592	112	715810	56.855	ng	0.00
7) Phenol-d6	6.592	99	566701	34.489	ng	-0.01
23) Nitrobenzene-d5	7.533	82	1251166	82.598	ng	0.00
42) 2,4,6-Tribromophenol	10.804	330	536758	138.306	ng	0.00
45) 2-Fluorobiphenyl	9.327	172	1939692	82.187	ng	0.00
79) Terphenyl-d14	13.092	244	2344952	105.152	ng	0.00

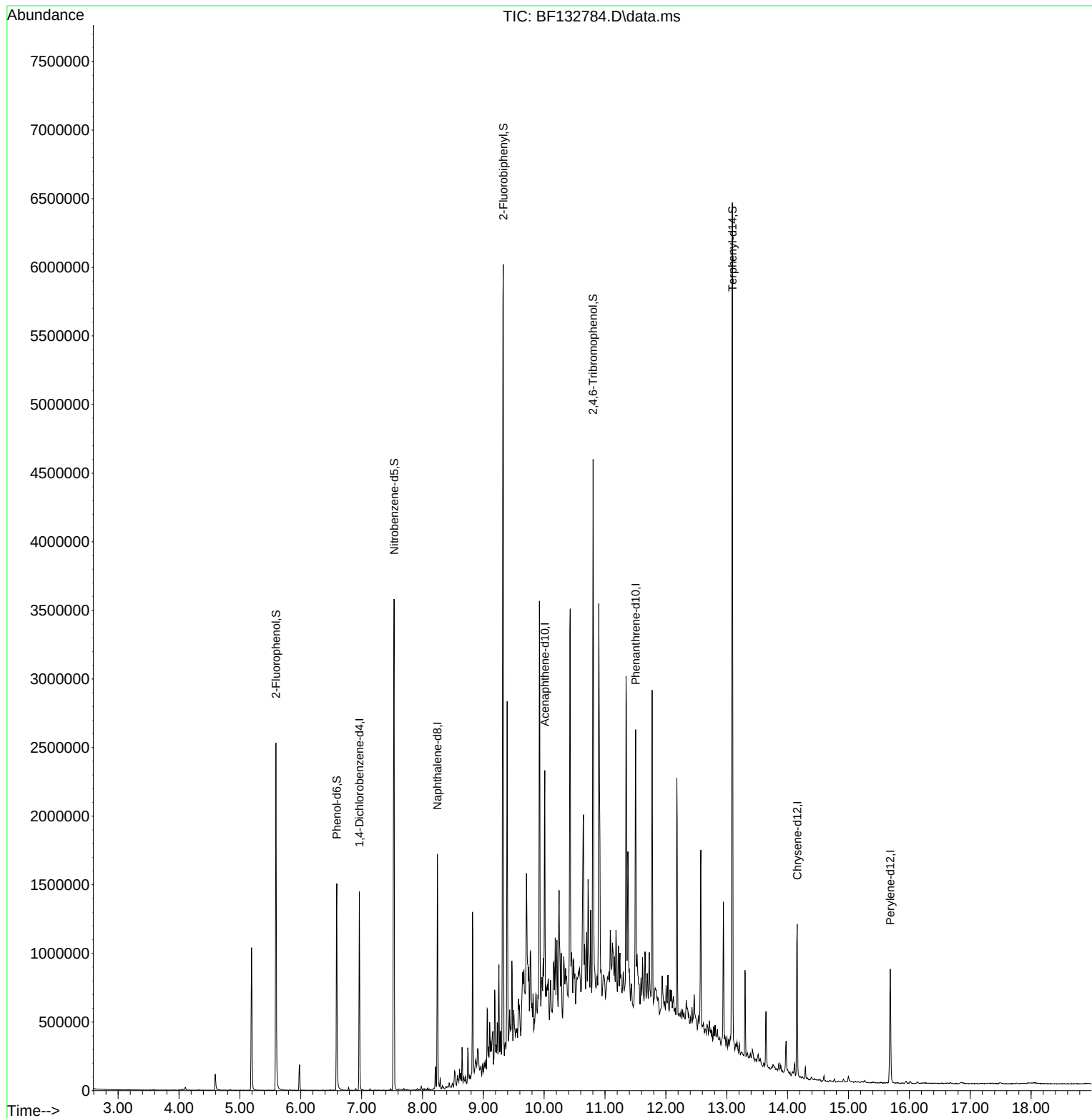
Target Compounds	Qvalue

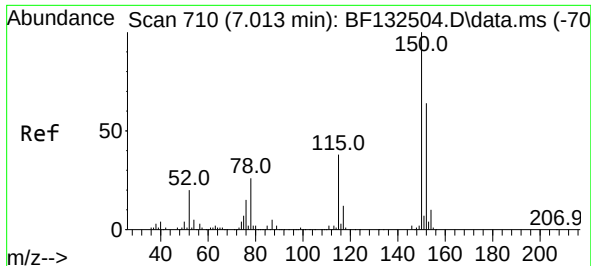
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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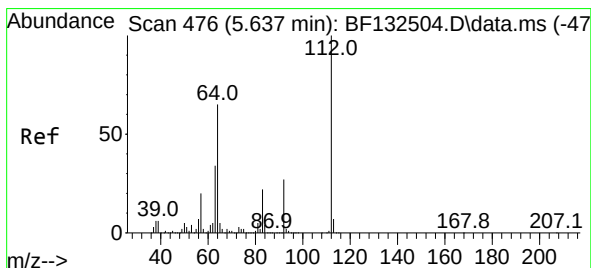
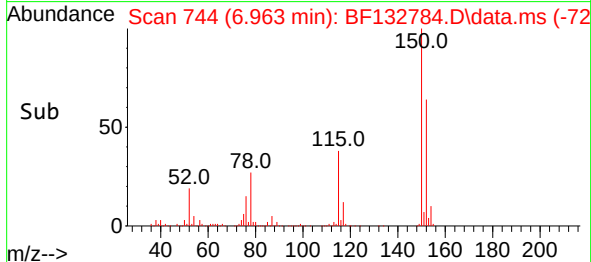
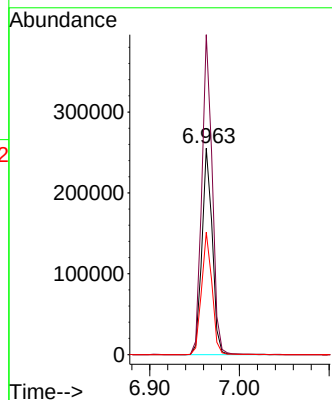
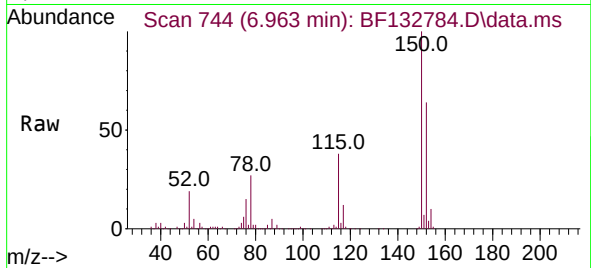




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.963 min Scan# 74
Delta R.T. -0.006 min
Lab File: BF132784.D
Acq: 14 Mar 2023 18:21

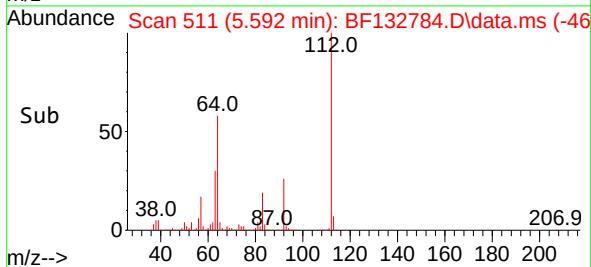
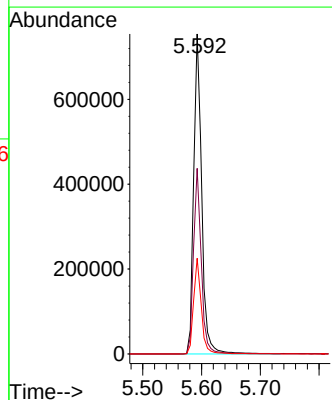
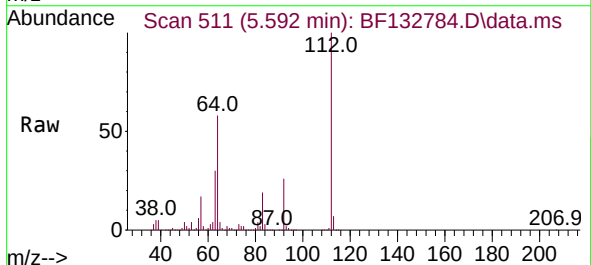
Instrument :
BNA_F
ClientSampleId :
C0AA8

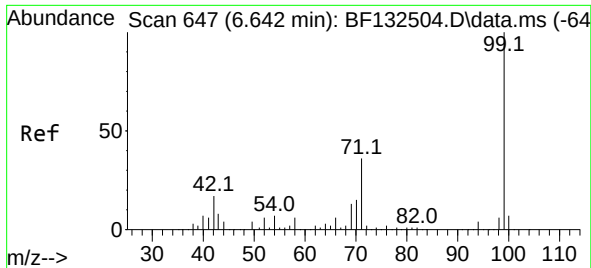
Tgt Ion:152 Resp: 204333
Ion Ratio Lower Upper
152 100
150 155.1 125.4 188.2
115 59.3 47.8 71.6



#5
2-Fluorophenol
Concen: 56.855 ng
RT: 5.592 min Scan# 511
Delta R.T. -0.000 min
Lab File: BF132784.D
Acq: 14 Mar 2023 18:21

Tgt Ion:112 Resp: 715810
Ion Ratio Lower Upper
112 100
64 58.0 51.6 77.4
63 29.9 27.4 41.2

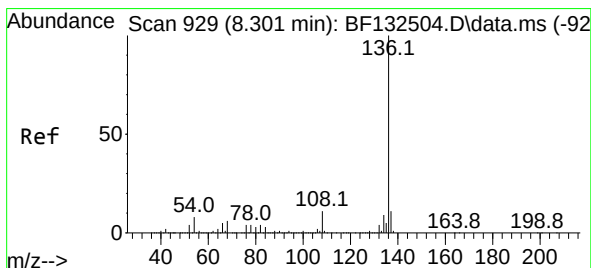
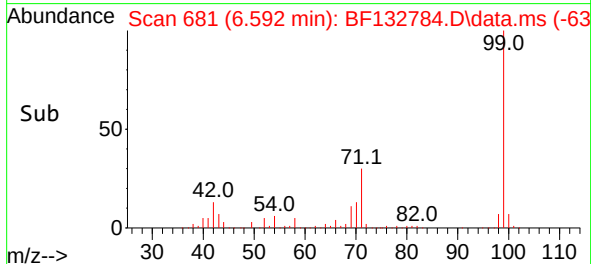
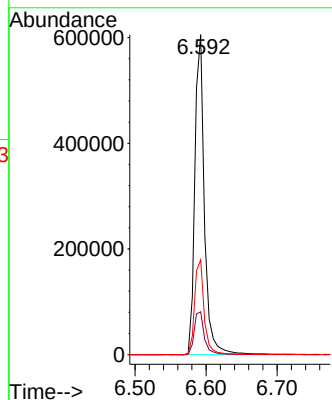
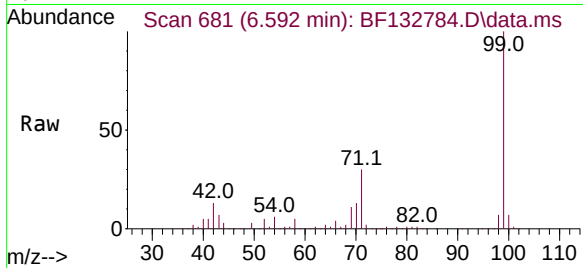




#7
Phenol-d6
Concen: 34.489 ng
RT: 6.592 min Scan# 681
Delta R.T. -0.012 min
Lab File: BF132784.D
Acq: 14 Mar 2023 18:21

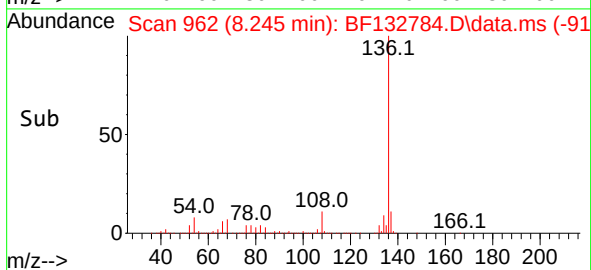
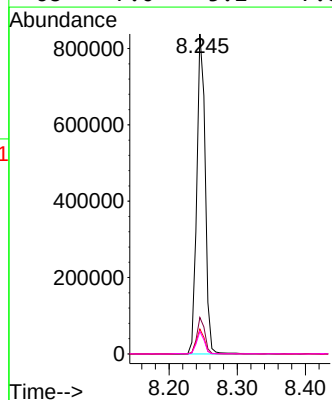
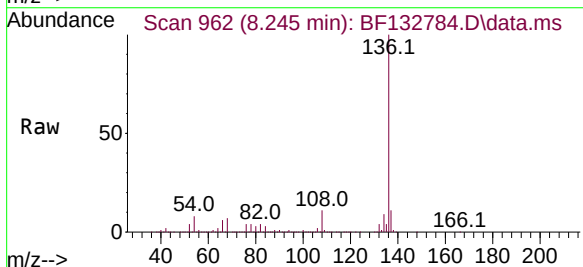
Instrument :
BNA_F
ClientSampleId :
C0AA8

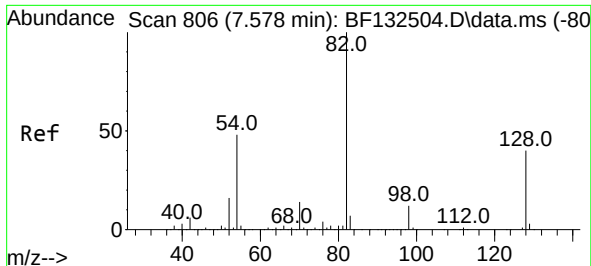
Tgt Ion: 99 Resp: 566701
Ion Ratio Lower Upper
99 100
42 13.4 13.9 20.9#
71 29.7 28.5 42.7



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.245 min Scan# 962
Delta R.T. -0.006 min
Lab File: BF132784.D
Acq: 14 Mar 2023 18:21

Tgt Ion: 136 Resp: 718673
Ion Ratio Lower Upper
136 100
137 11.4 8.9 13.3
54 7.8 6.2 9.4
68 7.0 5.2 7.8

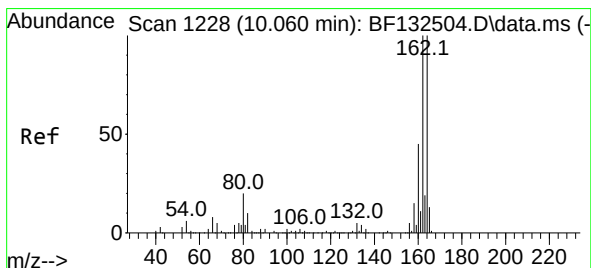
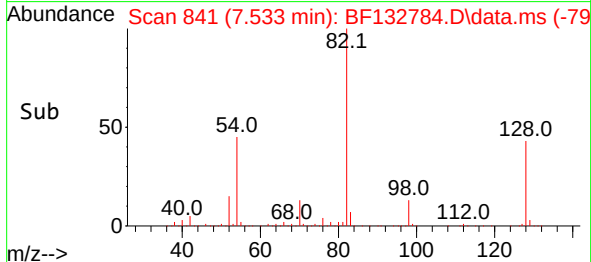
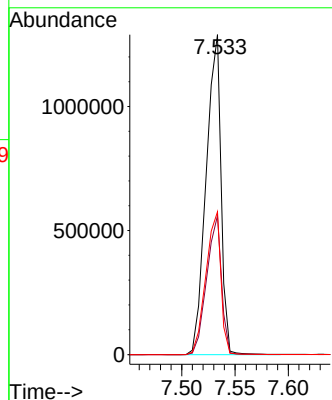
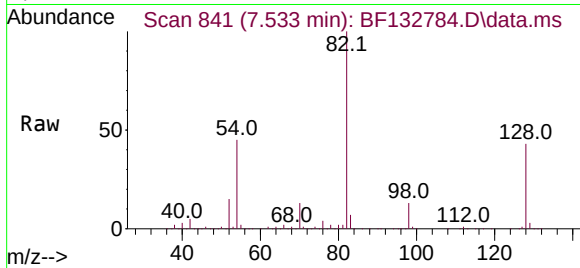




#23
Nitrobenzene-d5
Concen: 82.598 ng
RT: 7.533 min Scan# 841
Delta R.T. -0.006 min
Lab File: BF132784.D
Acq: 14 Mar 2023 18:21

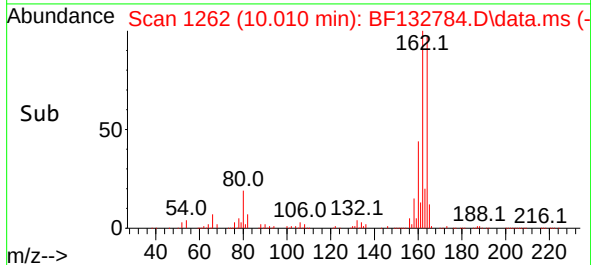
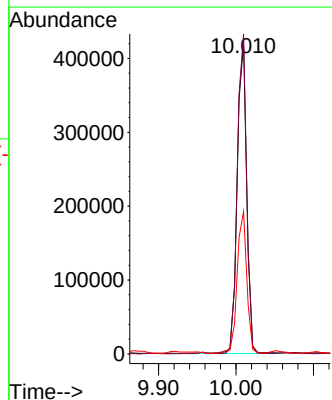
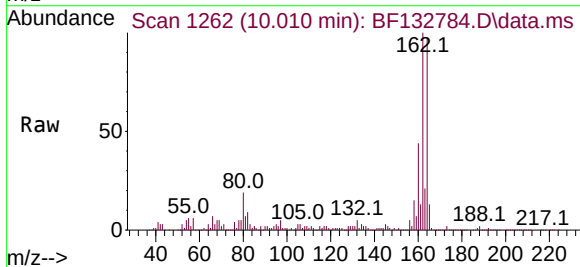
Instrument :
BNA_F
ClientSampleId :
C0AA8

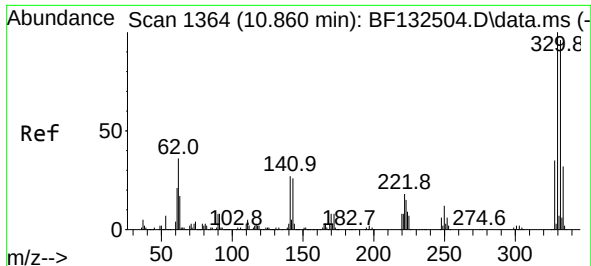
Tgt Ion: 82 Resp: 1251166
Ion Ratio Lower Upper
82 100
128 43.4 32.2 48.2
54 44.6 38.4 57.6



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.010 min Scan# 1262
Delta R.T. -0.000 min
Lab File: BF132784.D
Acq: 14 Mar 2023 18:21

Tgt Ion:164 Resp: 359361
Ion Ratio Lower Upper
164 100
162 103.1 79.8 119.8
160 45.9 35.8 53.6





#42

2,4,6-Tribromophenol

Concen: 138.306 ng

RT: 10.804 min Scan# 1146

Delta R.T. -0.006 min

Lab File: BF132784.D

Acq: 14 Mar 2023 18:21

Instrument :

BNA_F

ClientSampleId :

C0AA8

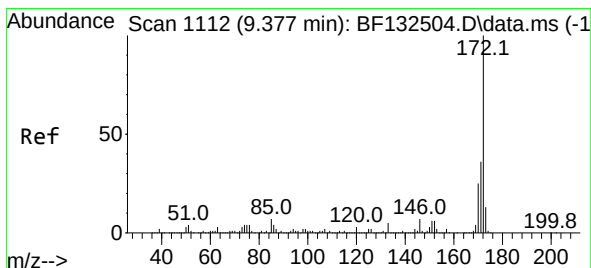
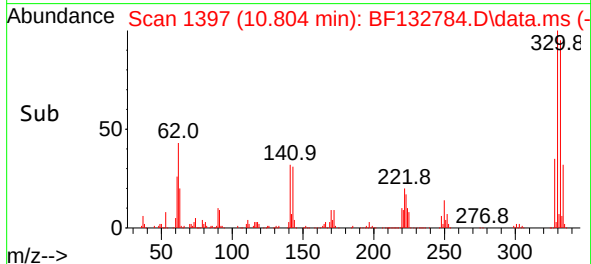
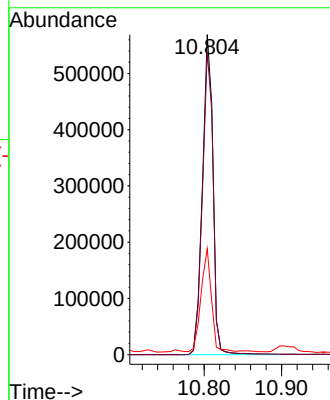
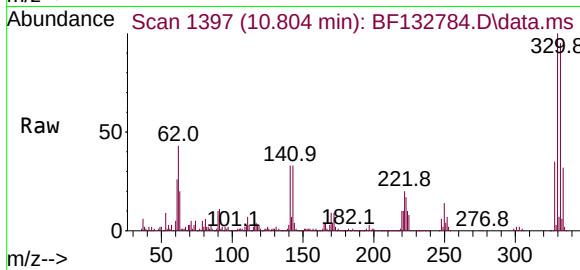
Tgt Ion:330 Resp: 536758

Ion Ratio Lower Upper

330 100

332 95.7 76.2 114.4

141 31.2 28.4 42.6



#45

2-Fluorobiphenyl

Concen: 82.187 ng

RT: 9.327 min Scan# 1146

Delta R.T. -0.000 min

Lab File: BF132784.D

Acq: 14 Mar 2023 18:21

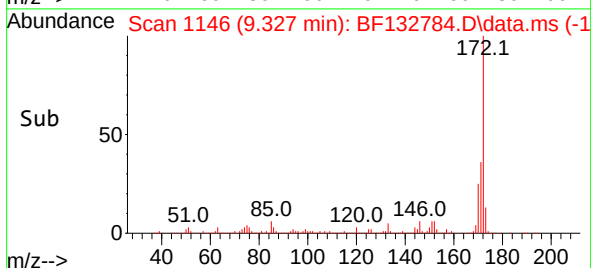
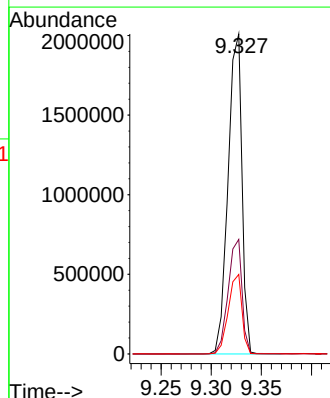
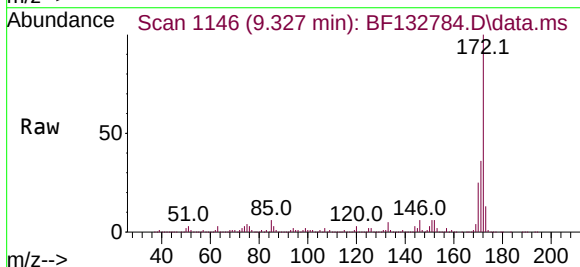
Tgt Ion:172 Resp: 1939692

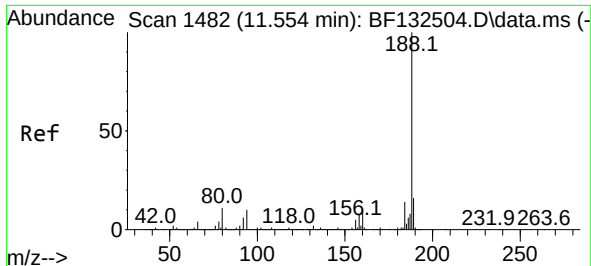
Ion Ratio Lower Upper

172 100

171 35.8 28.8 43.2

170 24.8 19.7 29.5

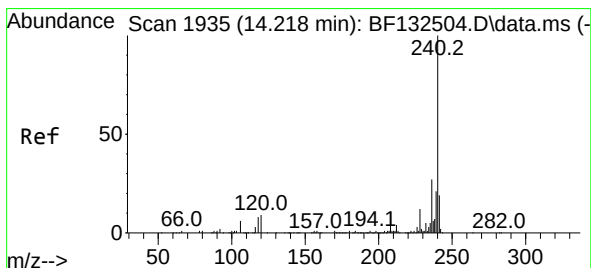
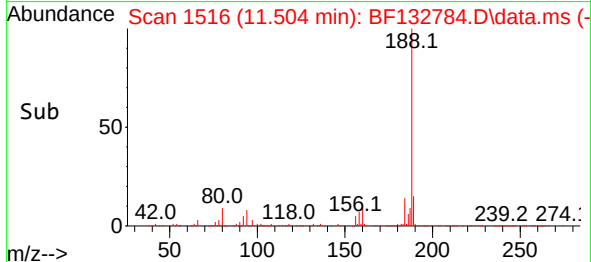
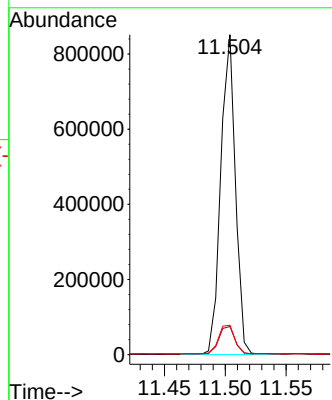
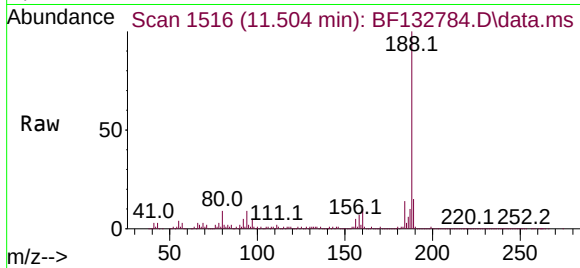




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.504 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF132784.D
Acq: 14 Mar 2023 18:21

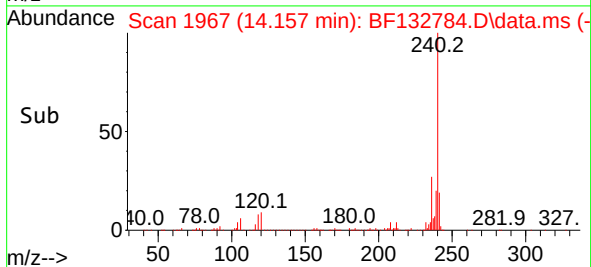
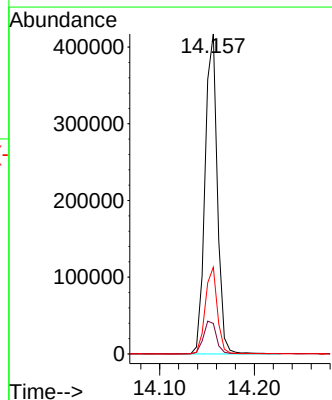
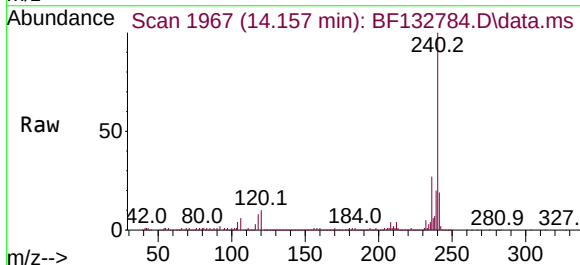
Instrument :
BNA_F
ClientSampleId :
C0AA8

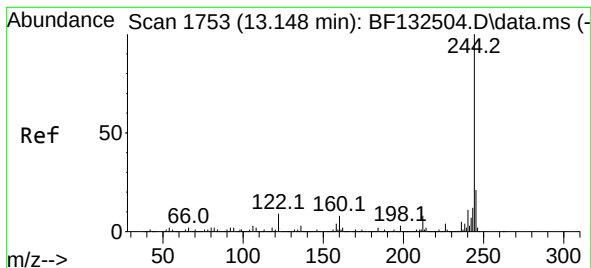
Tgt Ion:188 Resp: 712946
Ion Ratio Lower Upper
188 100
94 8.8 8.3 12.5
80 9.2 8.7 13.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.157 min Scan# 1967
Delta R.T. -0.006 min
Lab File: BF132784.D
Acq: 14 Mar 2023 18:21

Tgt Ion:240 Resp: 377045
Ion Ratio Lower Upper
240 100
120 9.5 7.2 10.8
236 27.1 21.8 32.6





#79

Terphenyl-d14

Concen: 105.152 ng

RT: 13.092 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF132784.D

Acq: 14 Mar 2023 18:21

Instrument :

BNA_F

ClientSampleId :

C0AA8

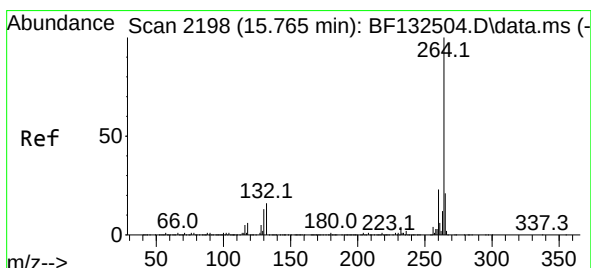
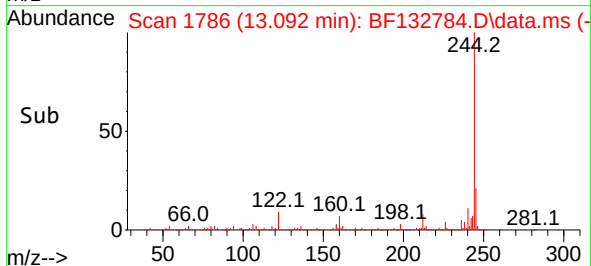
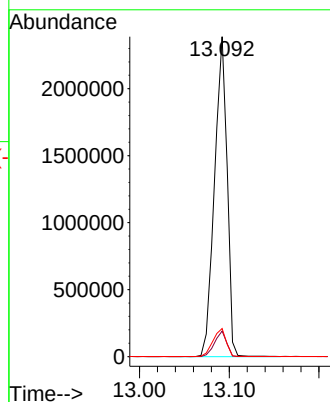
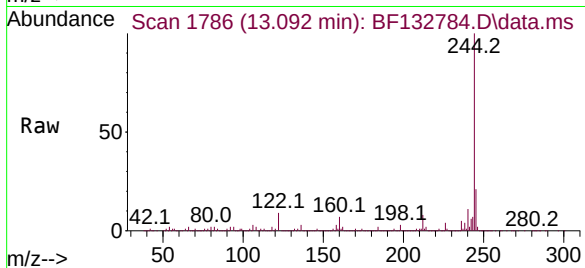
Tgt Ion:244 Resp: 2344952

Ion Ratio Lower Upper

244 100

212 8.0 6.5 9.7

122 8.8 7.5 11.3



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.686 min Scan# 2227

Delta R.T. -0.006 min

Lab File: BF132784.D

Acq: 14 Mar 2023 18:21

Tgt Ion:264 Resp: 406211

Ion Ratio Lower Upper

264 100

260 24.9 18.8 28.2

265 21.8 17.1 25.7

