

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042023\
 Data File : BF132936.D
 Acq On : 20 Apr 2023 13:43
 Operator : CG\JU
 Sample : 02388-01
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CC-1

Quant Time: Apr 20 14:17:51 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF041723.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 20 14:15:37 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.757	152	271825	20.000	ng	0.00
21) Naphthalene-d8	8.039	136	1057854	20.000	ng	0.00
39) Acenaphthene-d10	9.792	164	518851	20.000	ng	0.00
64) Phenanthrene-d10	11.274	188	832449	20.000	ng	0.00
76) Chrysene-d12	13.909	240	530891	20.000	ng	0.00
86) Perylene-d12	15.339	264	534158	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.351	112	61791	3.555	ng	0.00
7) Phenol-d6	6.375	99	793036	35.751	ng	-0.02
23) Nitrobenzene-d5	7.316	82	1054474	51.958	ng	-0.01
42) 2,4,6-Tribromophenol	10.574	330	2591	0.498	ng	-0.01
45) 2-Fluorobiphenyl	9.116	172	1829879	54.179	ng	0.00
79) Terphenyl-d14	12.862	244	1639856	52.699	ng	0.00

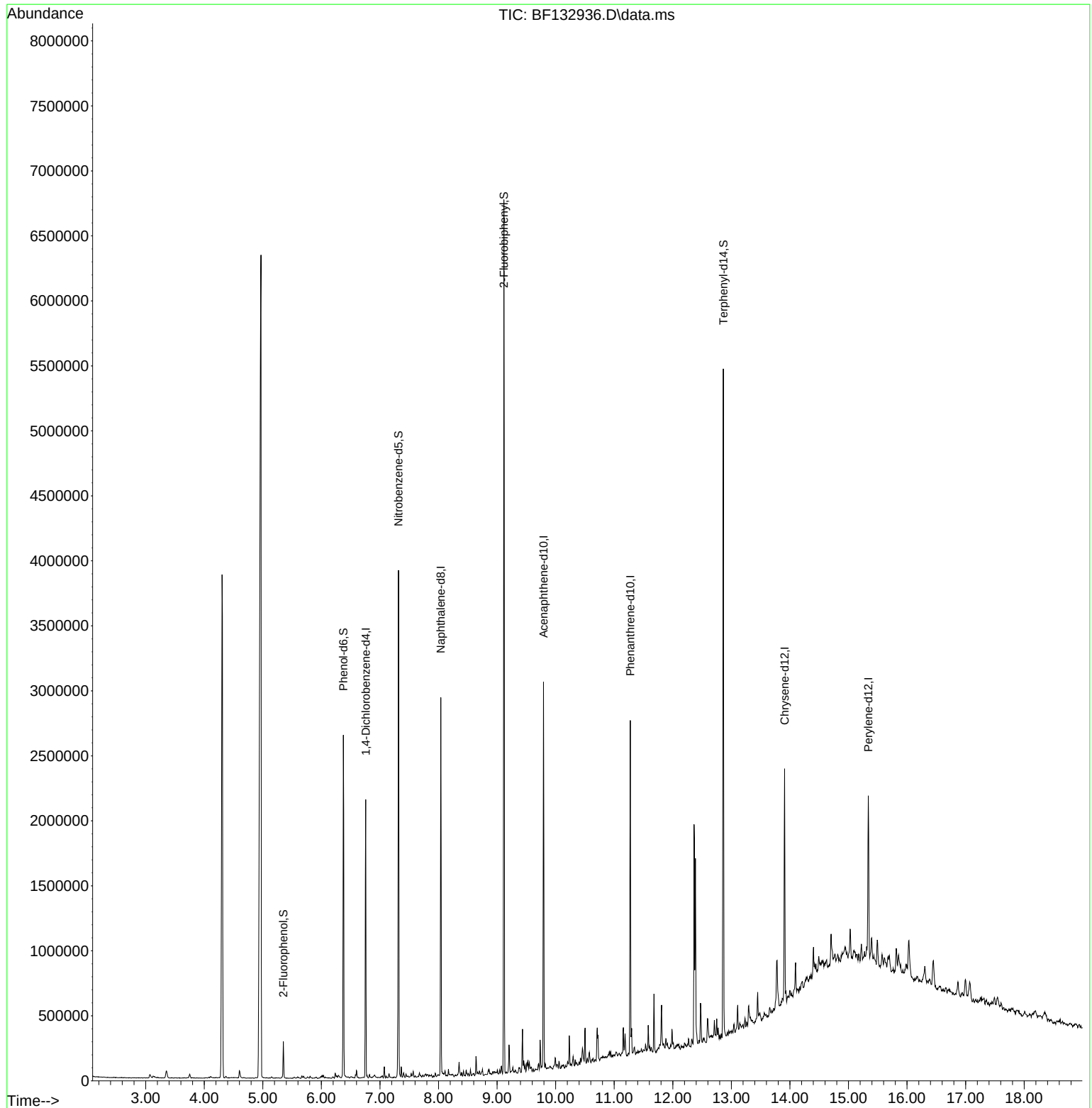
Target Compounds	Qvalue

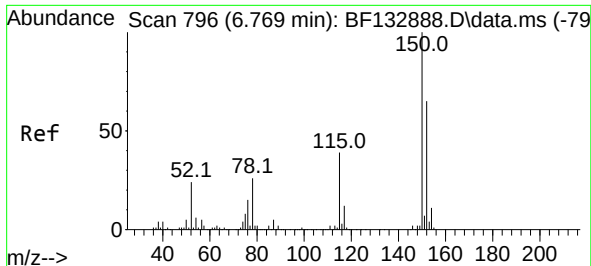
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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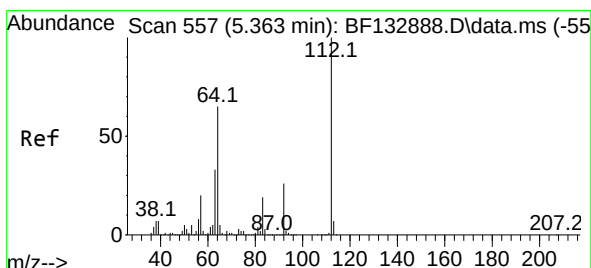
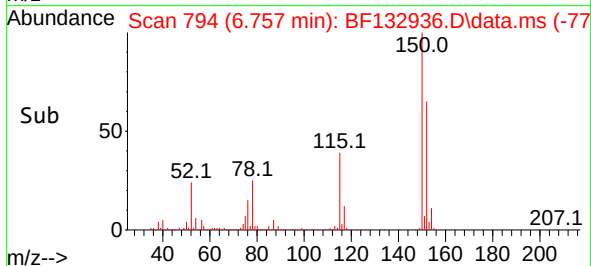
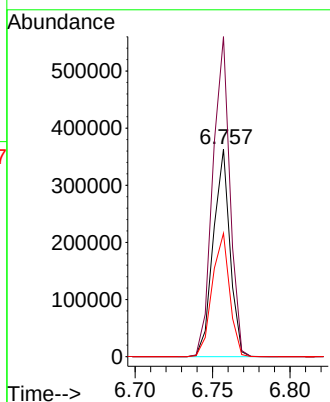
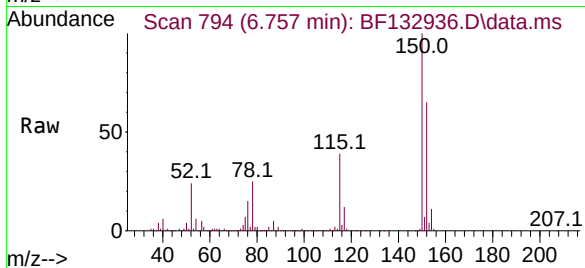




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.757 min Scan# 796
Delta R.T. 0.000 min
Lab File: BF132936.D
Acq: 20 Apr 2023 13:43

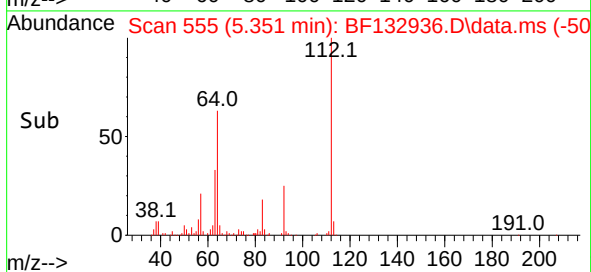
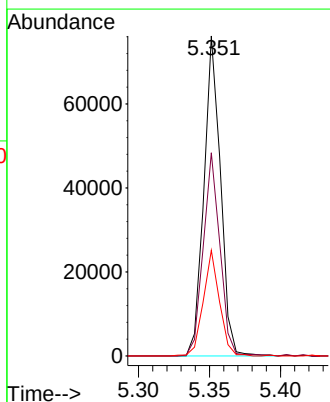
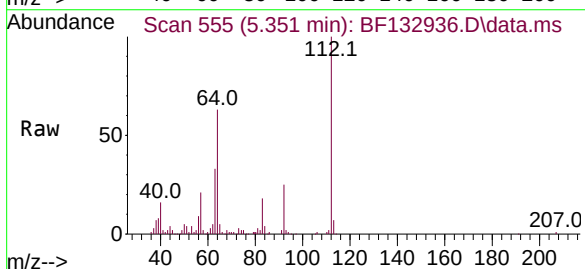
Instrument :
BNA_F
ClientSampleId :
CC-1

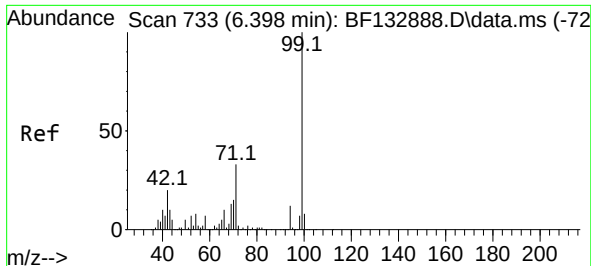
Tgt Ion:152 Resp: 271825
Ion Ratio Lower Upper
152 100
150 154.2 122.8 184.2
115 59.4 47.3 70.9



#5
2-Fluorophenol
Concen: 3.555 ng
RT: 5.351 min Scan# 555
Delta R.T. -0.006 min
Lab File: BF132936.D
Acq: 20 Apr 2023 13:43

Tgt Ion:112 Resp: 61791
Ion Ratio Lower Upper
112 100
64 63.5 51.8 77.8
63 33.0 26.3 39.5

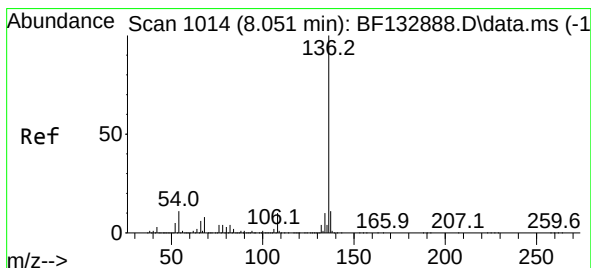
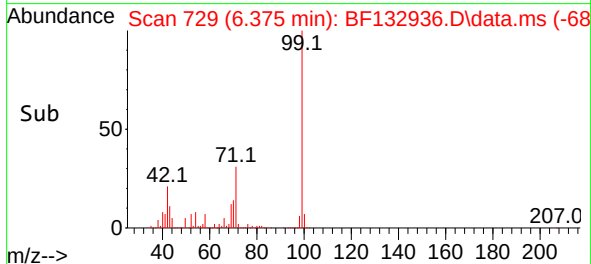
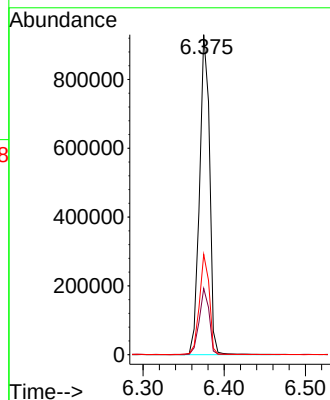
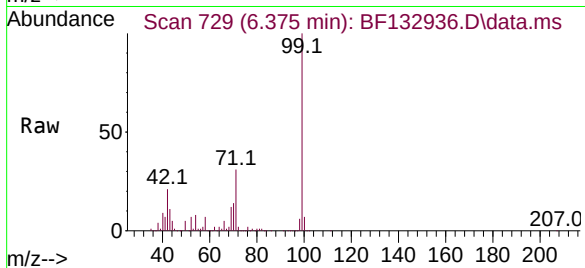




#7
Phenol-d6
Concen: 35.751 ng
RT: 6.375 min Scan# 71
Delta R.T. -0.018 min
Lab File: BF132936.D
Acq: 20 Apr 2023 13:43

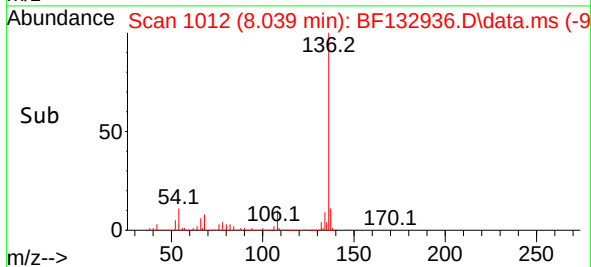
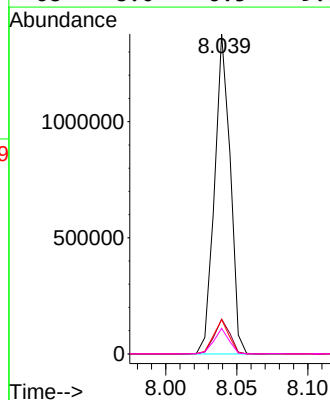
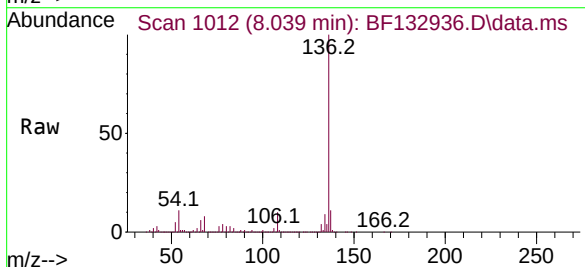
Instrument :
BNA_F
ClientSampleId :
CC-1

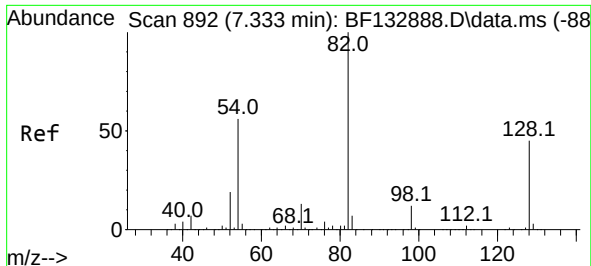
Tgt Ion: 99 Resp: 793036
Ion Ratio Lower Upper
99 100
42 20.7 16.1 24.1
71 31.3 26.1 39.1



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.039 min Scan# 1012
Delta R.T. -0.006 min
Lab File: BF132936.D
Acq: 20 Apr 2023 13:43

Tgt Ion:136 Resp: 1057854
Ion Ratio Lower Upper
136 100
137 10.9 9.0 13.4
54 10.7 8.9 13.3
68 8.0 6.5 9.7





#23

Nitrobenzene-d5

Concen: 51.958 ng

RT: 7.316 min Scan# 889

Delta R.T. -0.012 min

Lab File: BF132936.D

Acq: 20 Apr 2023 13:43

Instrument :

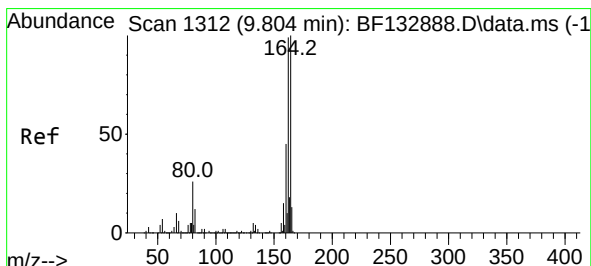
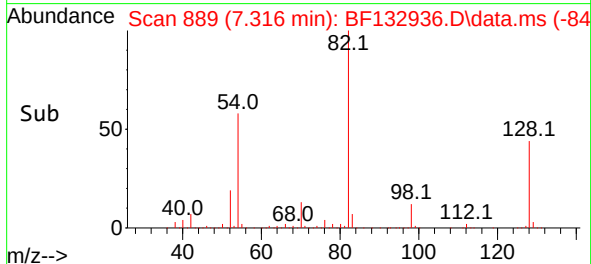
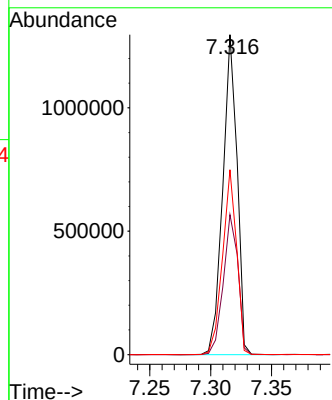
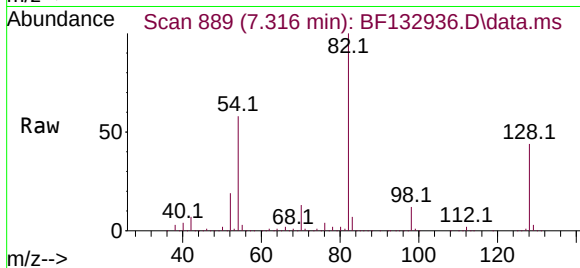
BNA_F

ClientSampleId :

CC-1

Tgt Ion: 82 Resp: 1054474

Ion	Ratio	Lower	Upper
82	100		
128	43.7	35.7	53.5
54	57.8	44.7	67.1



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.792 min Scan# 1310

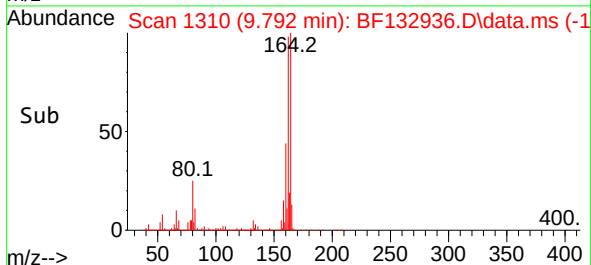
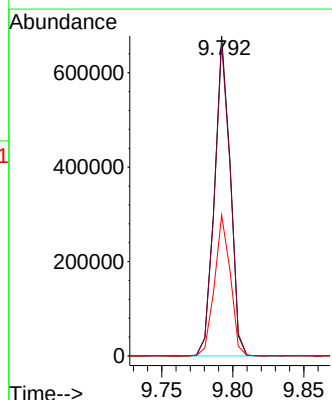
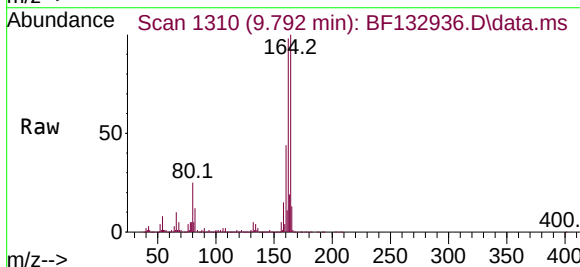
Delta R.T. -0.006 min

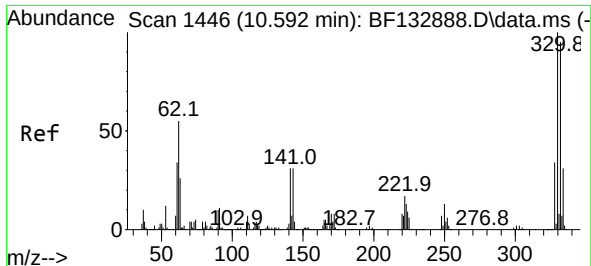
Lab File: BF132936.D

Acq: 20 Apr 2023 13:43

Tgt Ion:164 Resp: 518851

Ion	Ratio	Lower	Upper
164	100		
162	98.0	79.1	118.7
160	44.0	35.6	53.4

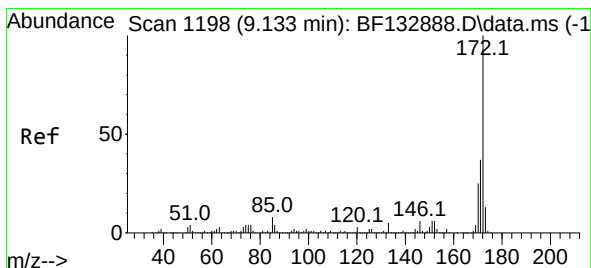
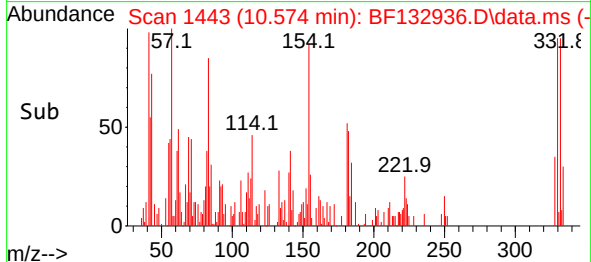
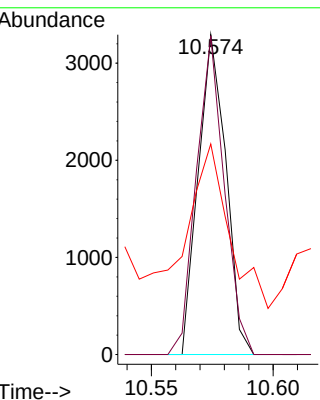
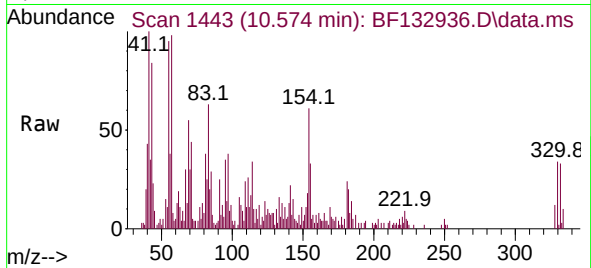




#42
2,4,6-Tribromophenol
Concen: 0.498 ng
RT: 10.574 min Scan# 1443
Delta R.T. -0.012 min
Lab File: BF132936.D
Acq: 20 Apr 2023 13:43

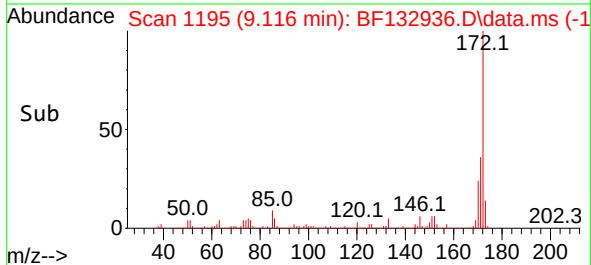
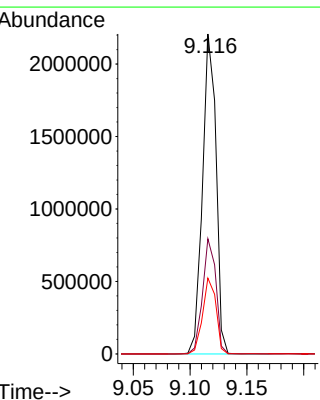
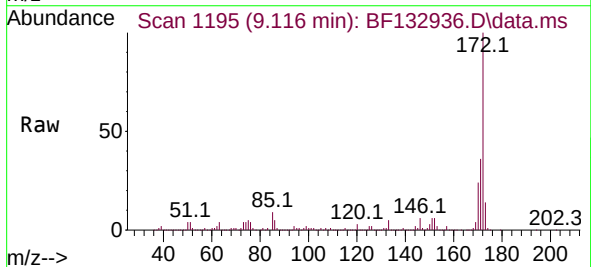
Instrument :
BNA_F
ClientSampleId :
CC-1

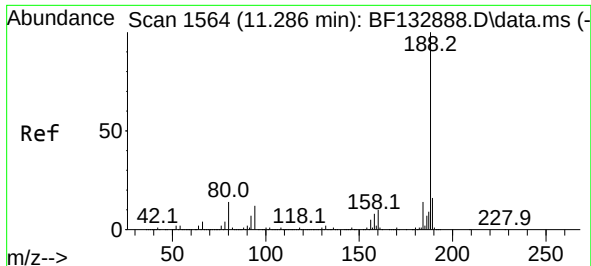
Tgt Ion: 330 Resp: 2591
Ion Ratio Lower Upper
330 100
332 101.1 76.3 114.5
141 75.0 23.9 35.9#



#45
2-Fluorobiphenyl
Concen: 54.179 ng
RT: 9.116 min Scan# 1195
Delta R.T. -0.006 min
Lab File: BF132936.D
Acq: 20 Apr 2023 13:43

Tgt Ion: 172 Resp: 1829879
Ion Ratio Lower Upper
172 100
171 36.0 29.4 44.0
170 23.7 20.1 30.1

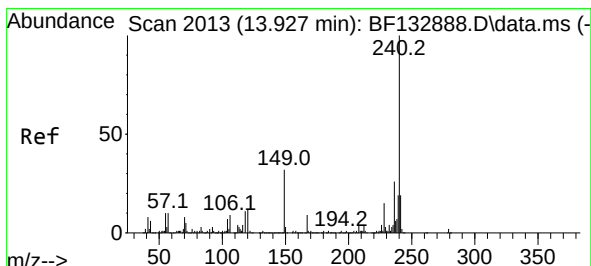
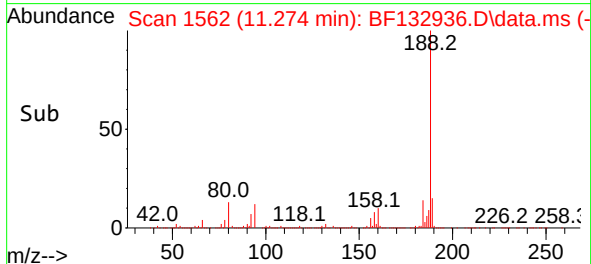
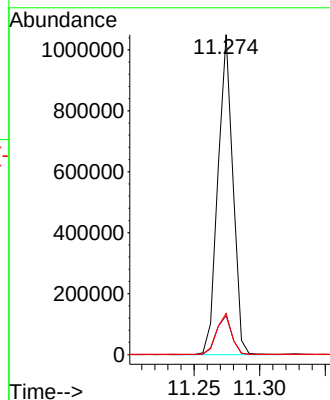
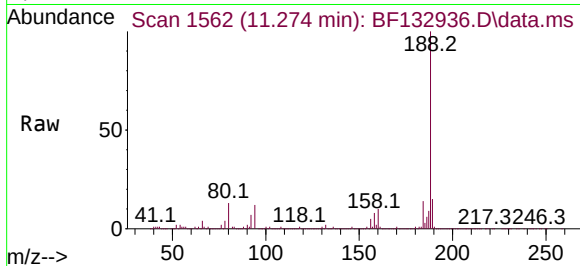




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.274 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF132936.D
Acq: 20 Apr 2023 13:43

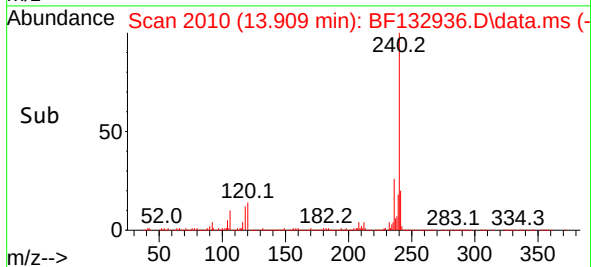
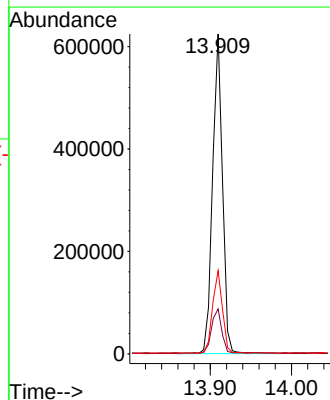
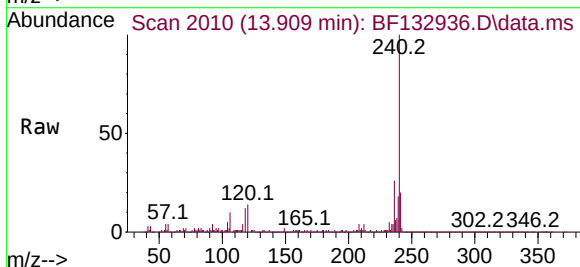
Instrument :
BNA_F
ClientSampleId :
CC-1

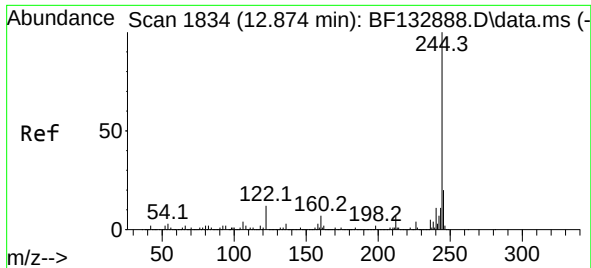
Tgt Ion:188 Resp: 832449
Ion Ratio Lower Upper
188 100
94 12.2 9.9 14.9
80 12.9 10.8 16.2



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.909 min Scan# 2010
Delta R.T. -0.006 min
Lab File: BF132936.D
Acq: 20 Apr 2023 13:43

Tgt Ion:240 Resp: 530891
Ion Ratio Lower Upper
240 100
120 14.0 10.0 15.0
236 26.0 20.8 31.2





#79

Terphenyl-d14

Concen: 52.699 ng

RT: 12.862 min Scan# 1832

Delta R.T. -0.006 min

Lab File: BF132936.D

Acq: 20 Apr 2023 13:43

Instrument :

BNA_F

ClientSampleId :

CC-1

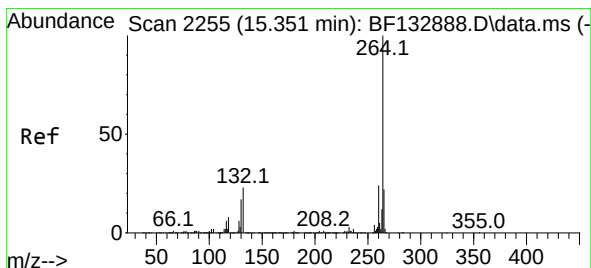
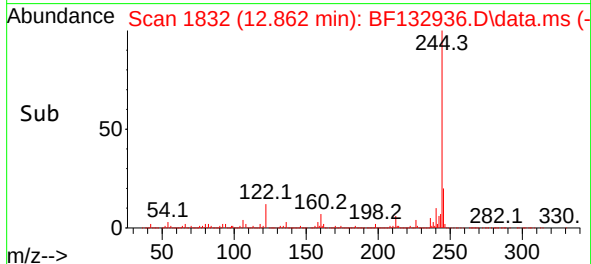
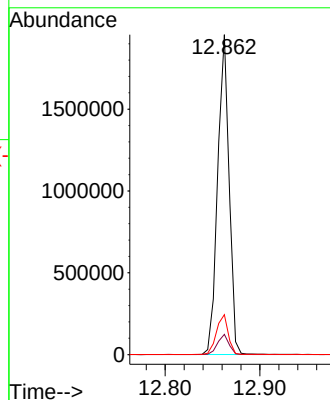
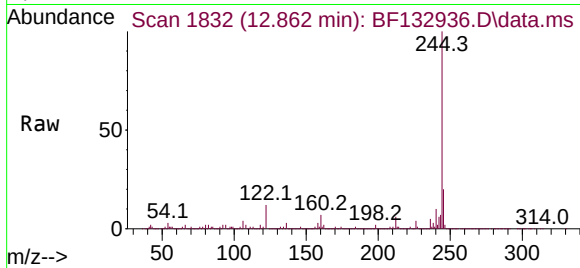
Tgt Ion:244 Resp: 1639856

Ion Ratio Lower Upper

244 100

212 6.3 5.4 8.0

122 12.5 9.6 14.4



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.339 min Scan# 2253

Delta R.T. -0.000 min

Lab File: BF132936.D

Acq: 20 Apr 2023 13:43

Tgt Ion:264 Resp: 534158

Ion Ratio Lower Upper

264 100

260 24.4 19.0 28.6

265 22.2 17.7 26.5

