

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF041823\
 Data File : BF132912.D
 Acq On : 18 Apr 2023 21:02
 Operator : CG\JU
 Sample : 02385-01
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BU-3-041723

Quant Time: Apr 19 03:29:49 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF041723.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 18 04:51:21 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.763	152	232232	20.000	ng	0.00
21) Naphthalene-d8	8.045	136	913410	20.000	ng	0.00
39) Acenaphthene-d10	9.798	164	470378	20.000	ng	0.00
64) Phenanthrene-d10	11.280	188	805429	20.000	ng	0.00
76) Chrysene-d12	13.916	240	560673	20.000	ng	-0.01
86) Perylene-d12	15.345	264	462521	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.363	112	1225353	82.506	ng	0.00
7) Phenol-d6	6.387	99	1558355	82.229	ng	-0.01
23) Nitrobenzene-d5	7.322	82	920731	52.543	ng	-0.01
42) 2,4,6-Tribromophenol	10.586	330	361726	76.671	ng	0.00
45) 2-Fluorobiphenyl	9.122	172	1570846	51.303	ng	-0.01
79) Terphenyl-d14	12.874	244	1563781	47.584	ng	0.00

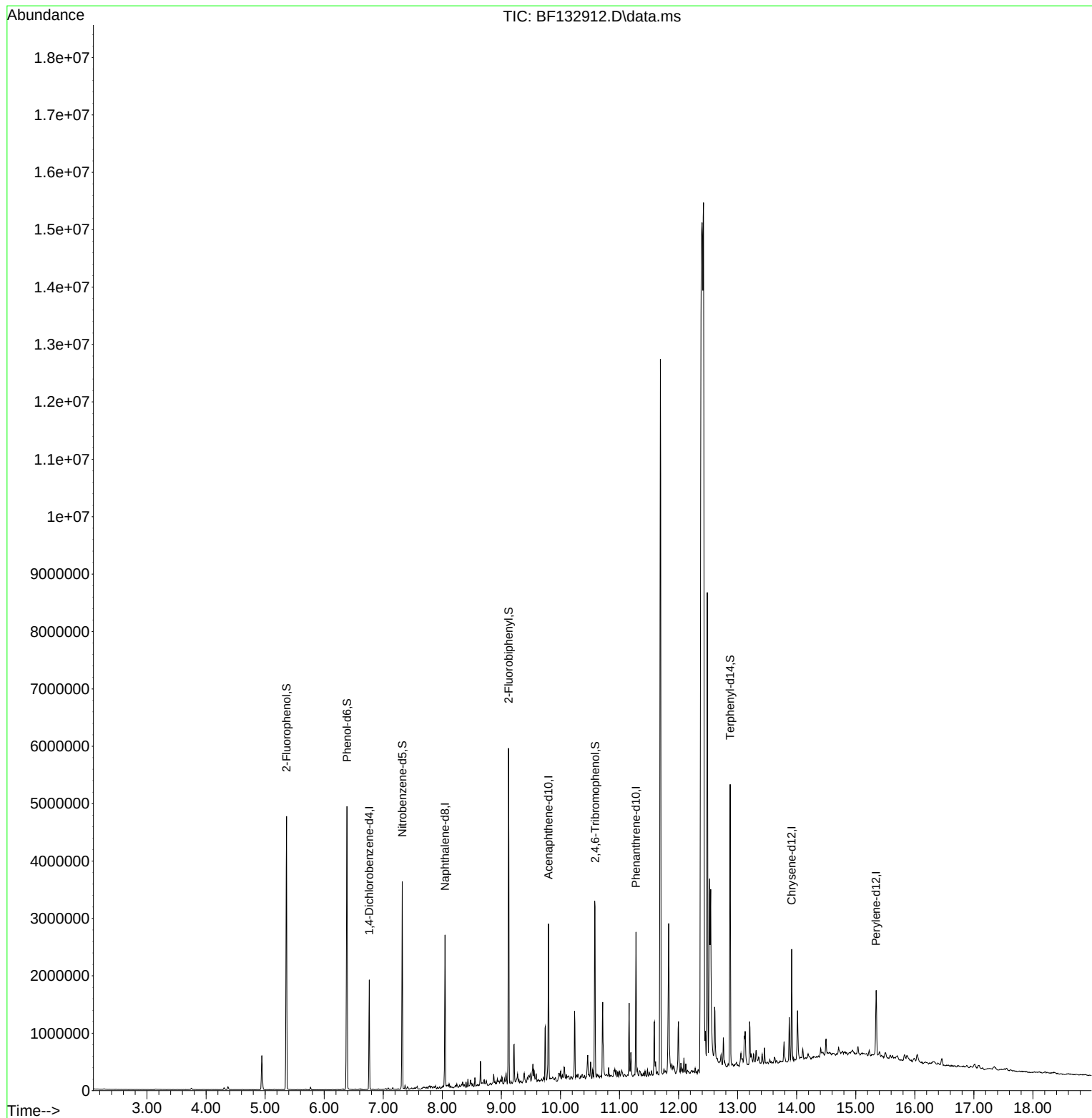
Target Compounds	Qvalue

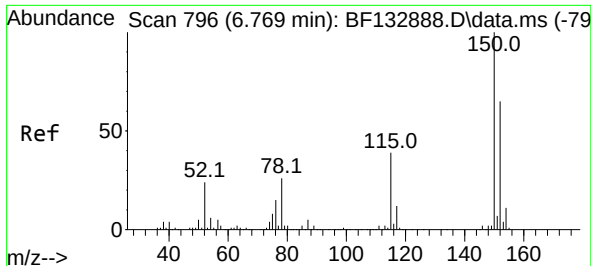
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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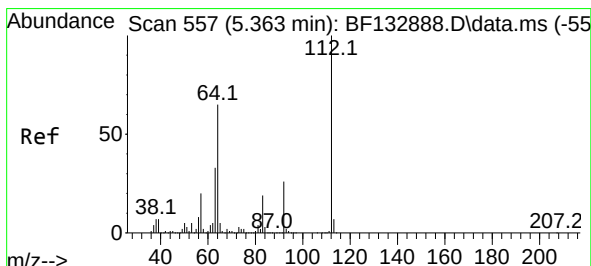
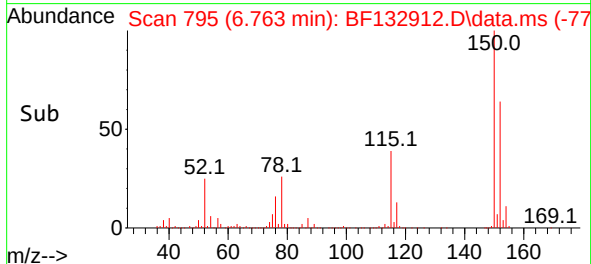
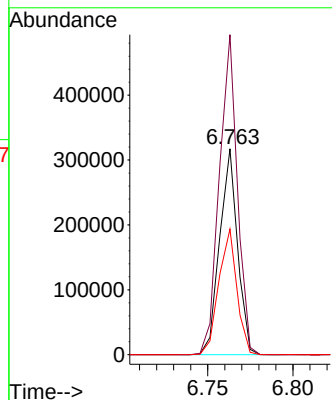
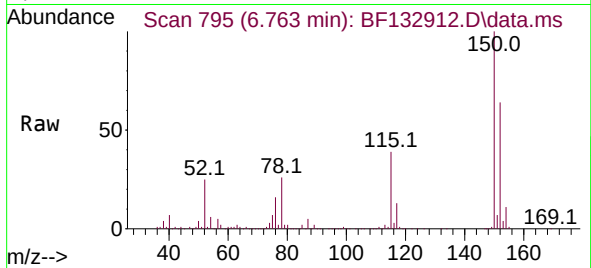




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.763 min Scan# 796
Delta R.T. -0.006 min
Lab File: BF132912.D
Acq: 18 Apr 2023 21:02

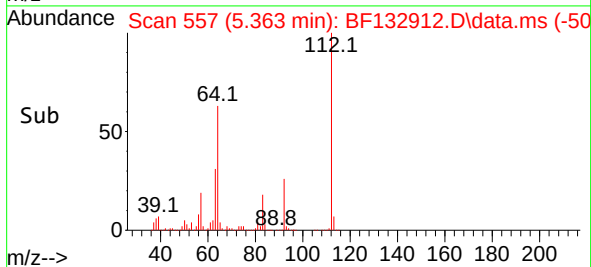
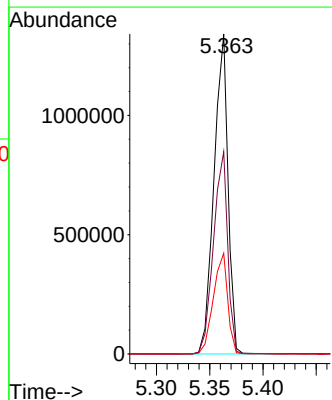
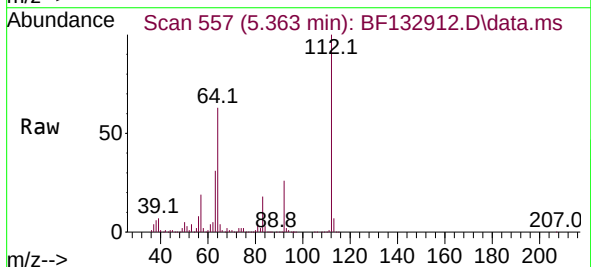
Instrument :
BNA_F
ClientSampleId :
BU-3-041723

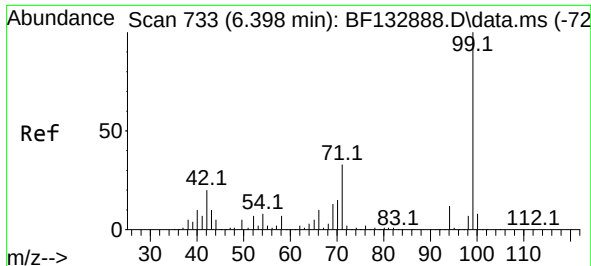
Tgt Ion:152 Resp: 232232
Ion Ratio Lower Upper
152 100
150 155.4 122.8 184.2
115 61.0 47.3 70.9



#5
2-Fluorophenol
Concen: 82.506 ng
RT: 5.363 min Scan# 557
Delta R.T. 0.000 min
Lab File: BF132912.D
Acq: 18 Apr 2023 21:02

Tgt Ion:112 Resp: 1225353
Ion Ratio Lower Upper
112 100
64 63.2 51.8 77.8
63 31.5 26.3 39.5

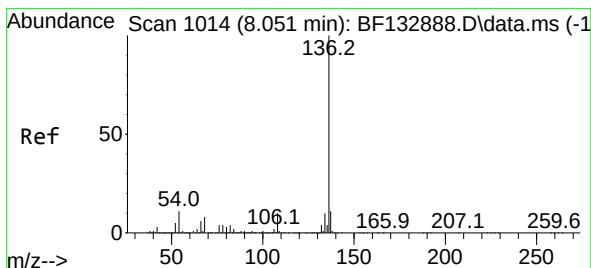
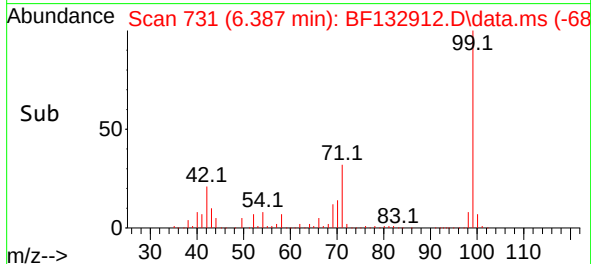
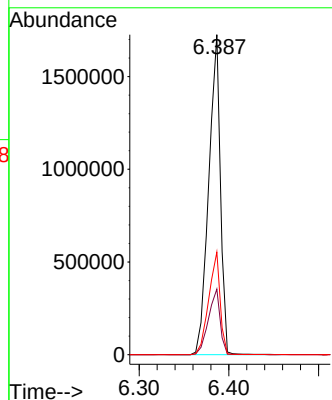
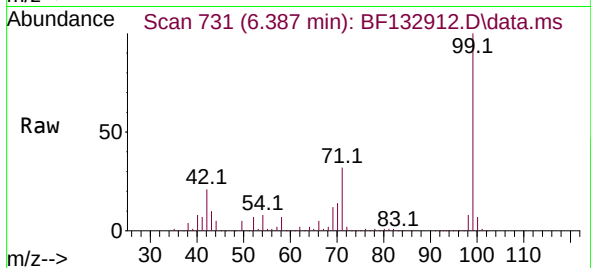




#7
Phenol-d6
Concen: 82.229 ng
RT: 6.387 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF132912.D
Acq: 18 Apr 2023 21:02

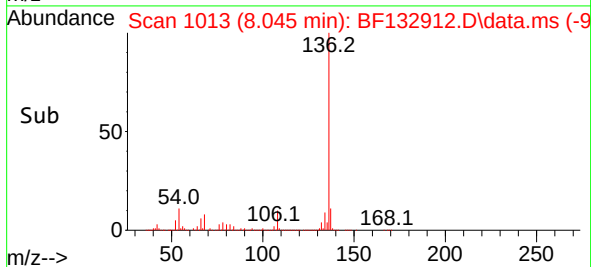
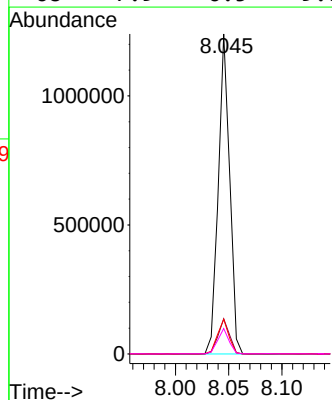
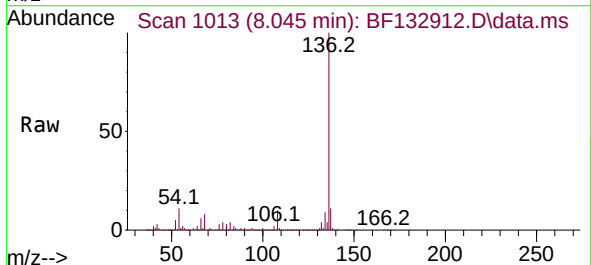
Instrument :
BNA_F
ClientSampleId :
BU-3-041723

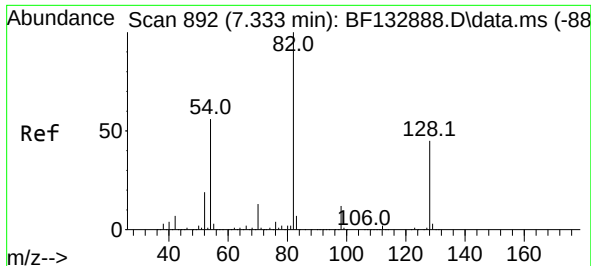
Tgt Ion: 99 Resp: 1558355
Ion Ratio Lower Upper
99 100
42 20.5 16.1 24.1
71 32.1 26.1 39.1



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.045 min Scan# 1013
Delta R.T. -0.006 min
Lab File: BF132912.D
Acq: 18 Apr 2023 21:02

Tgt Ion: 136 Resp: 913410
Ion Ratio Lower Upper
136 100
137 11.0 9.0 13.4
54 10.9 8.9 13.3
68 7.9 6.5 9.7





#23

Nitrobenzene-d5

Concen: 52.543 ng

RT: 7.322 min Scan# 89

Delta R.T. -0.012 min

Lab File: BF132912.D

Acq: 18 Apr 2023 21:02

Instrument :

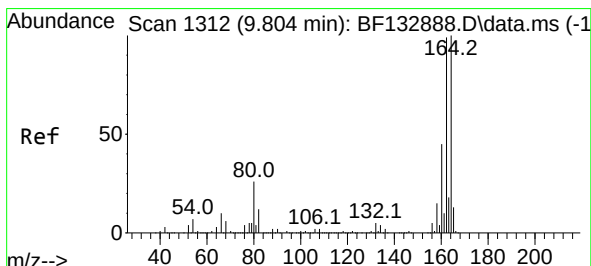
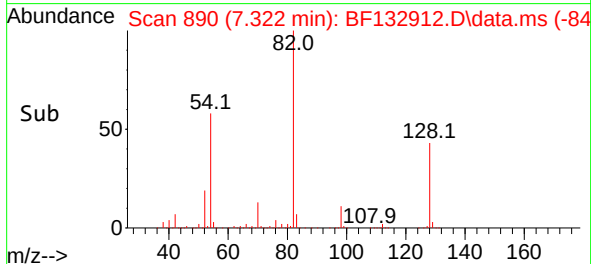
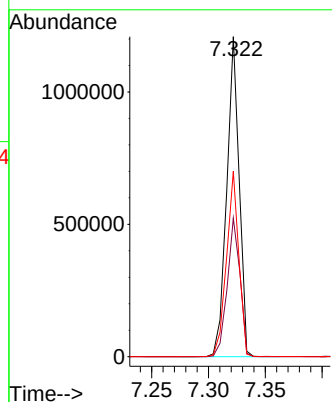
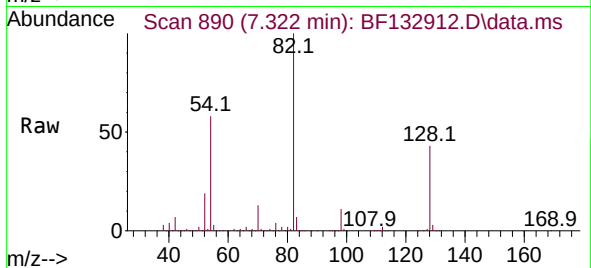
BNA_F

ClientSampleId :

BU-3-041723

Tgt Ion: 82 Resp: 920731

Ion	Ratio	Lower	Upper
82	100		
128	43.3	35.7	53.5
54	57.9	44.7	67.1



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.798 min Scan# 1311

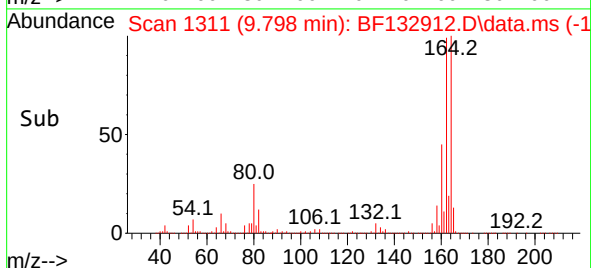
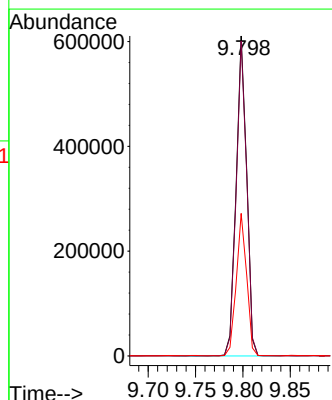
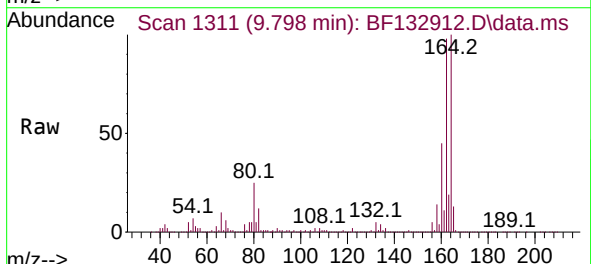
Delta R.T. -0.006 min

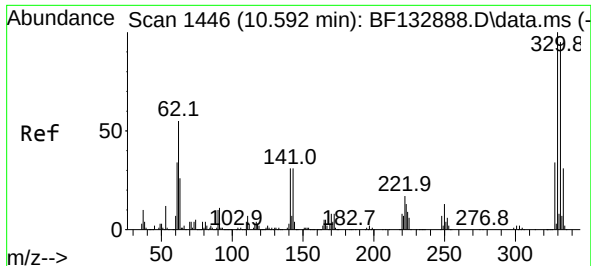
Lab File: BF132912.D

Acq: 18 Apr 2023 21:02

Tgt Ion: 164 Resp: 470378

Ion	Ratio	Lower	Upper
164	100		
162	98.5	79.1	118.7
160	44.6	35.6	53.4





#42

2,4,6-Tribromophenol

Concen: 76.671 ng

RT: 10.586 min Scan# 1445

Delta R.T. -0.006 min

Lab File: BF132912.D

Acq: 18 Apr 2023 21:02

Instrument :

BNA_F

ClientSampleId :

BU-3-041723

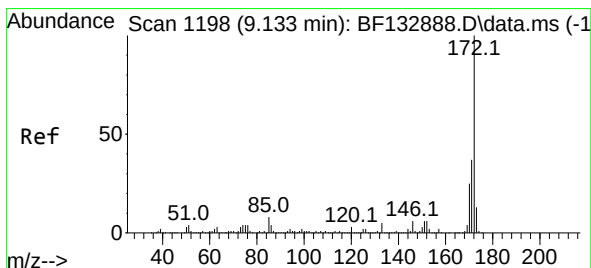
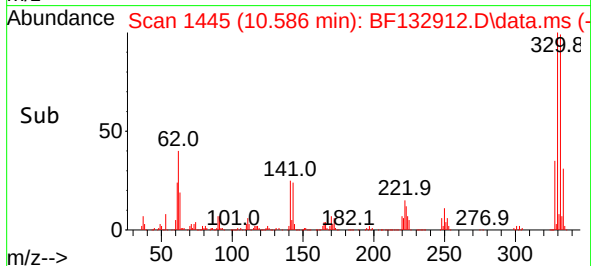
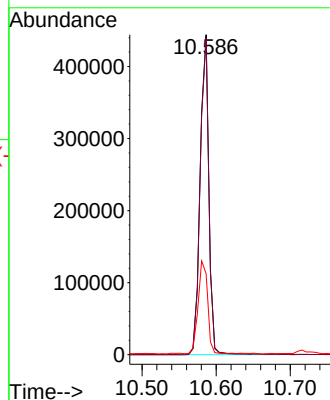
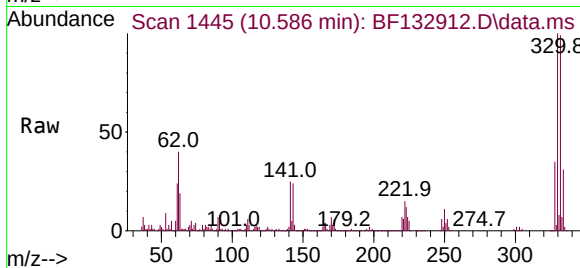
Tgt Ion:330 Resp: 361726

Ion Ratio Lower Upper

330 100

332 97.9 76.3 114.5

141 31.5 23.9 35.9



#45

2-Fluorobiphenyl

Concen: 51.303 ng

RT: 9.122 min Scan# 1196

Delta R.T. -0.012 min

Lab File: BF132912.D

Acq: 18 Apr 2023 21:02

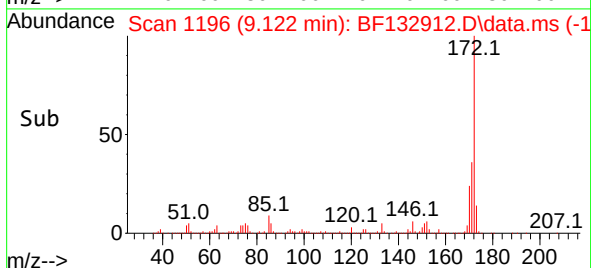
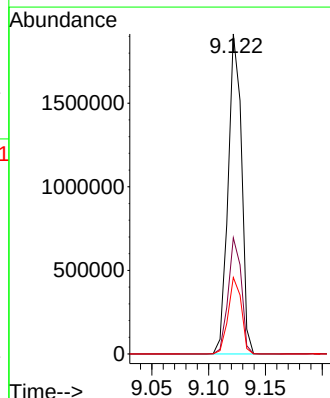
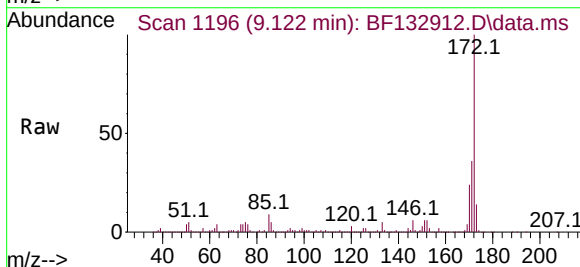
Tgt Ion:172 Resp: 1570846

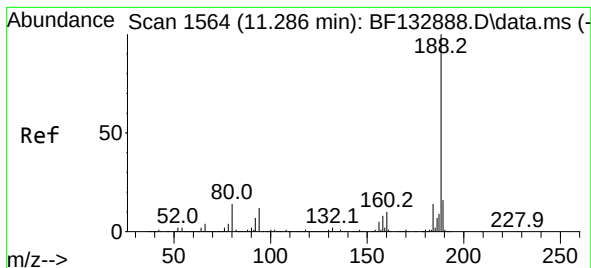
Ion Ratio Lower Upper

172 100

171 36.3 29.4 44.0

170 23.9 20.1 30.1





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.280 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF132912.D

Acq: 18 Apr 2023 21:02

Instrument :

BNA_F

ClientSampleId :

BU-3-041723

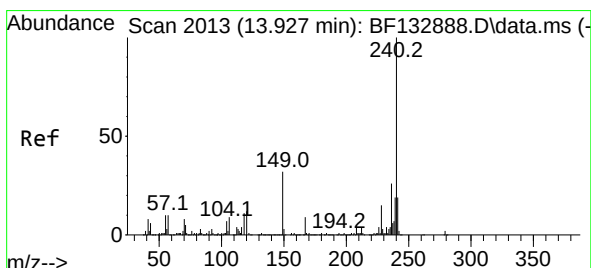
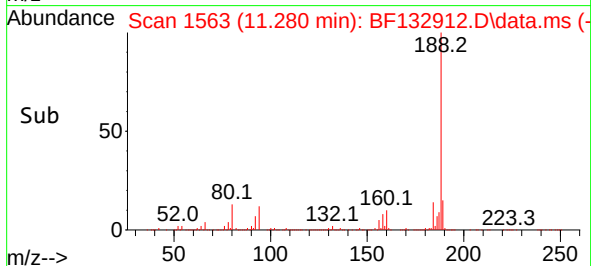
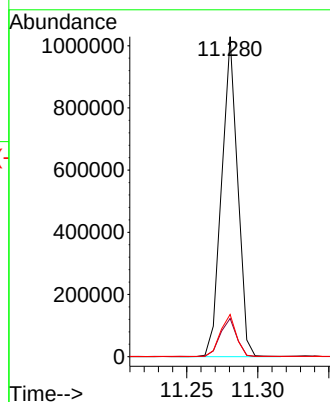
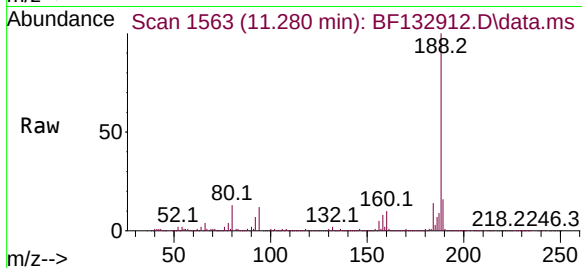
Tgt Ion:188 Resp: 805429

Ion Ratio Lower Upper

188 100

94 12.0 9.9 14.9

80 13.2 10.8 16.2



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.916 min Scan# 2011

Delta R.T. -0.012 min

Lab File: BF132912.D

Acq: 18 Apr 2023 21:02

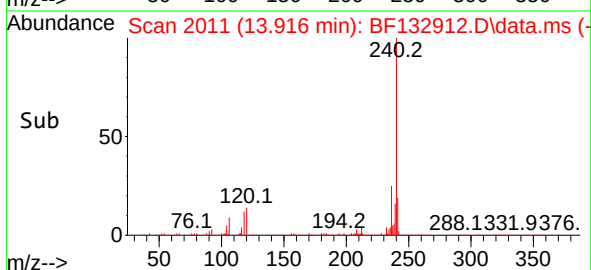
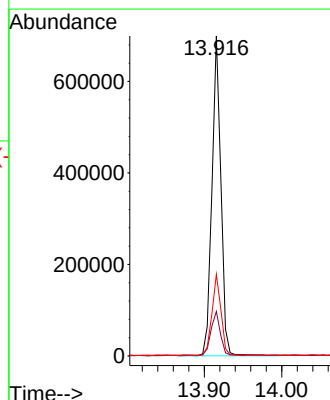
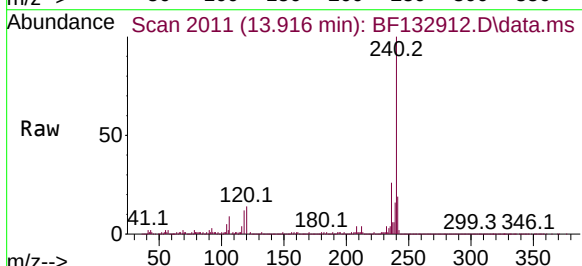
Tgt Ion:240 Resp: 560673

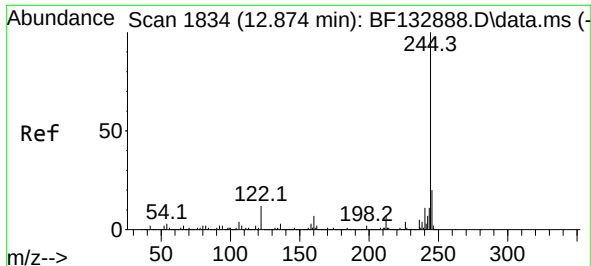
Ion Ratio Lower Upper

240 100

120 13.9 10.0 15.0

236 25.5 20.8 31.2

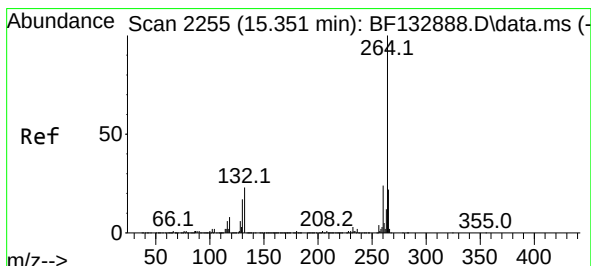
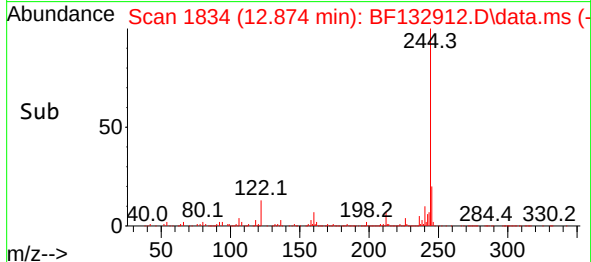
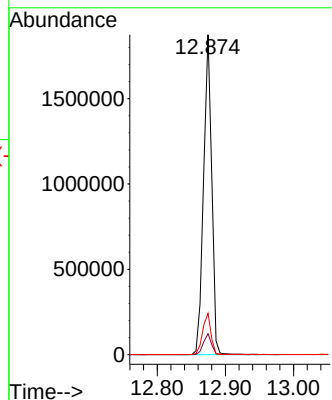
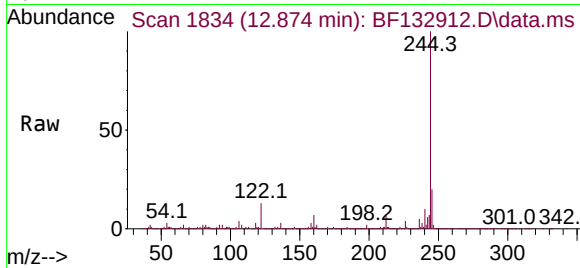




#79
 Terphenyl-d14
 Concen: 47.584 ng
 RT: 12.874 min Scan# 1834
 Delta R.T. 0.000 min
 Lab File: BF132912.D
 Acq: 18 Apr 2023 21:02

Instrument :
 BNA_F
 ClientSampleId :
 BU-3-041723

Tgt Ion:244 Resp: 1563781
 Ion Ratio Lower Upper
 244 100
 212 6.5 5.4 8.0
 122 13.0 9.6 14.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.345 min Scan# 2254
 Delta R.T. -0.006 min
 Lab File: BF132912.D
 Acq: 18 Apr 2023 21:02

Tgt Ion:264 Resp: 462521
 Ion Ratio Lower Upper
 264 100
 260 23.8 19.0 28.6
 265 20.8 17.7 26.5

