

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042023\
 Data File : BF132938.D
 Acq On : 20 Apr 2023 14:45
 Operator : CG\JU
 Sample : 02270-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-17-0-2-20230410

Quant Time: Apr 21 02:09:12 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	284681	20.000	ng	0.00
21) Naphthalene-d8	8.045	136	1094236	20.000	ng	0.00
39) Acenaphthene-d10	9.798	164	527990	20.000	ng	0.00
64) Phenanthrene-d10	11.280	188	856888	20.000	ng	0.00
76) Chrysene-d12	13.910	240	544062	20.000	ng	# 0.00
86) Perylene-d12	15.345	264	516132	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.369	112	2438218	133.924	ng	0.01
7) Phenol-d6	6.392	99	3184451	137.075	ng	0.00
23) Nitrobenzene-d5	7.322	82	1899564	90.487	ng	0.00
42) 2,4,6-Tribromophenol	10.586	330	726368	137.160	ng	0.00
45) 2-Fluorobiphenyl	9.122	172	2988604	86.955	ng	0.00
79) Terphenyl-d14	12.869	244	2878613	90.268	ng	0.00

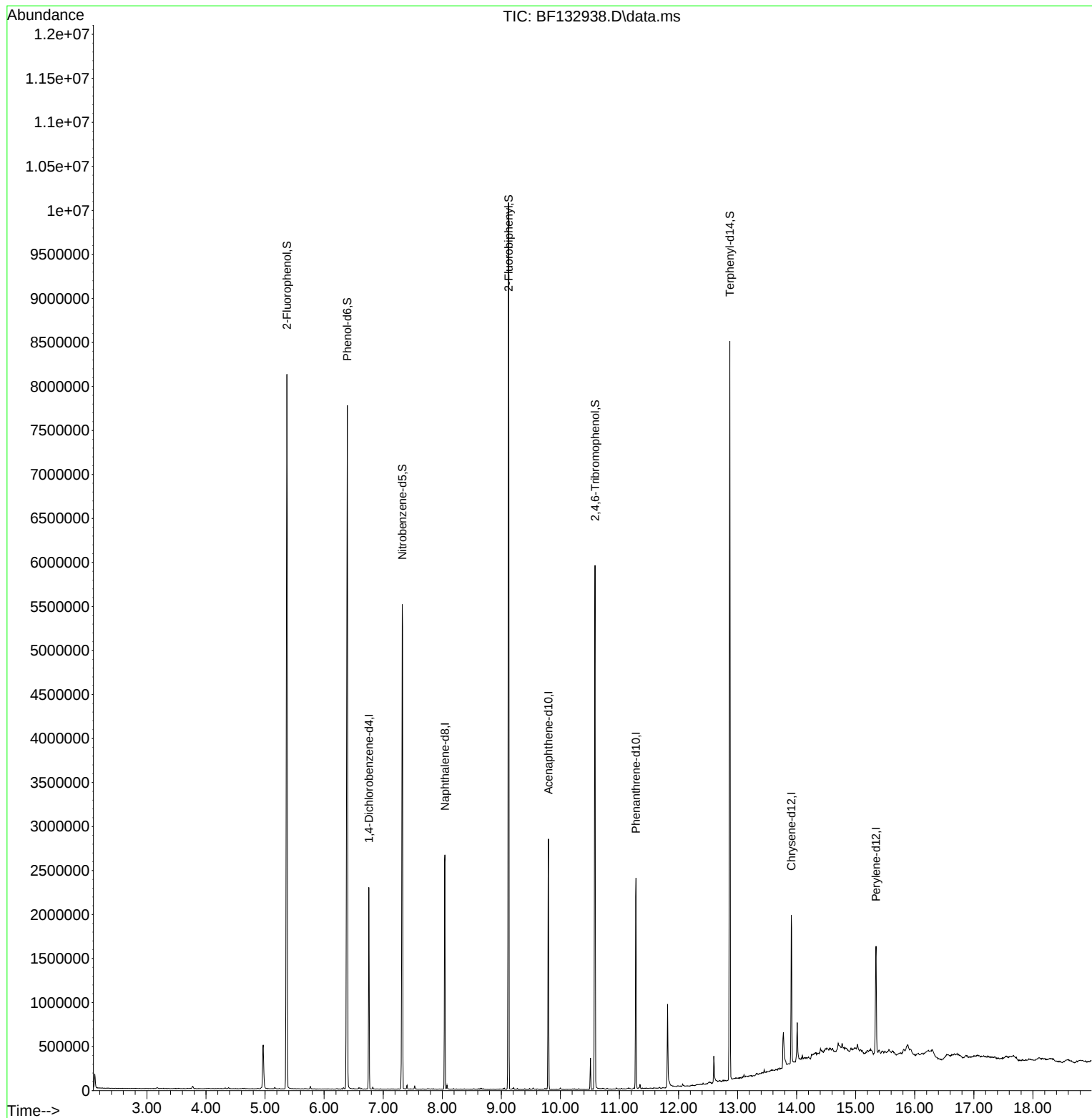
Target Compounds Qvalue

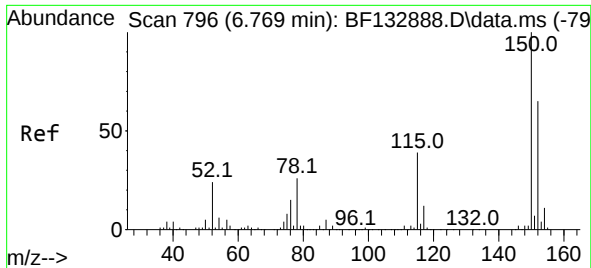
 (#) = qualifier out of range (m) = manual integration (+) = signals summed

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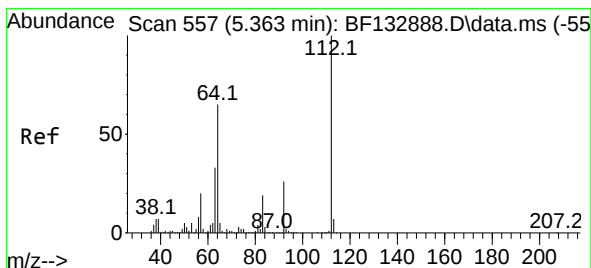
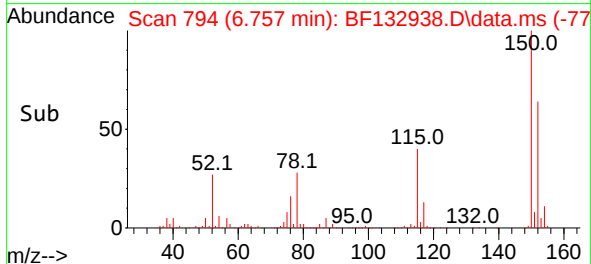
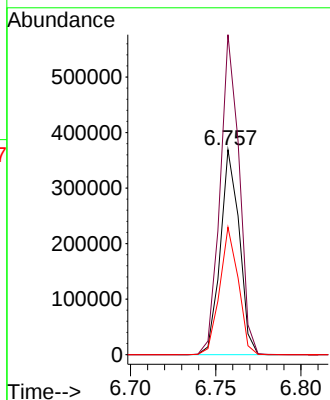
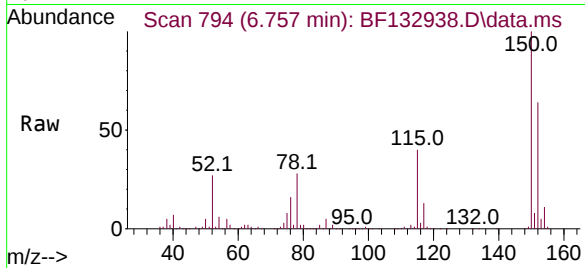




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.757 min Scan# 796
Delta R.T. 0.000 min
Lab File: BF132938.D
Acq: 20 Apr 2023 14:45

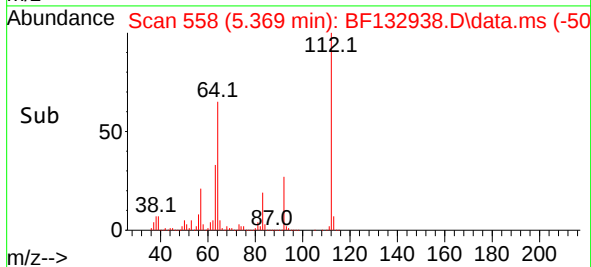
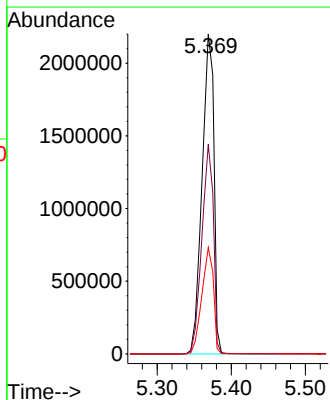
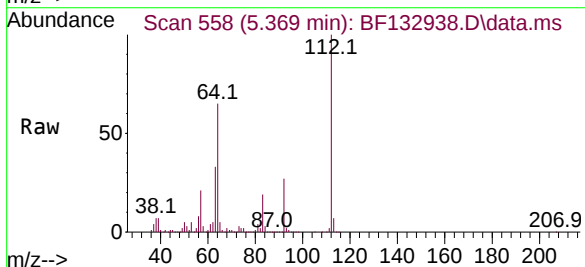
Instrument :
BNA_F
ClientSampleId :
SB-17-0-2-20230410

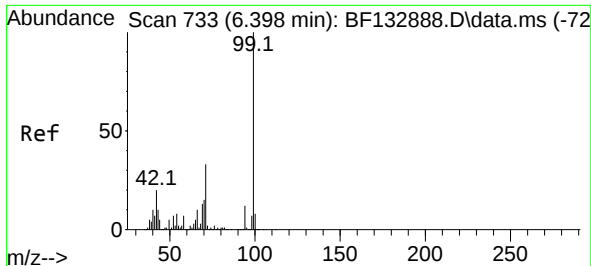
Tgt Ion:152 Resp: 284681
Ion Ratio Lower Upper
152 100
150 156.2 122.8 184.2
115 62.2 47.3 70.9



#5
2-Fluorophenol
Concen: 133.924 ng
RT: 5.369 min Scan# 558
Delta R.T. 0.012 min
Lab File: BF132938.D
Acq: 20 Apr 2023 14:45

Tgt Ion:112 Resp: 2438218
Ion Ratio Lower Upper
112 100
64 65.5 51.8 77.8
63 33.3 26.3 39.5

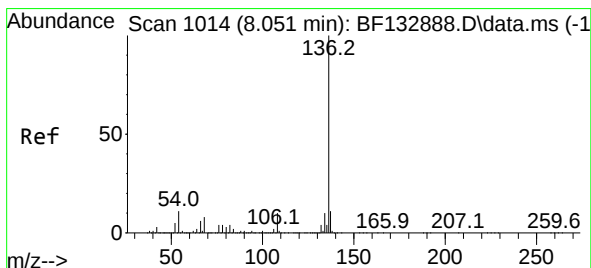
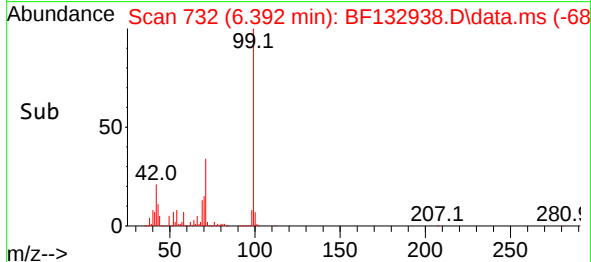
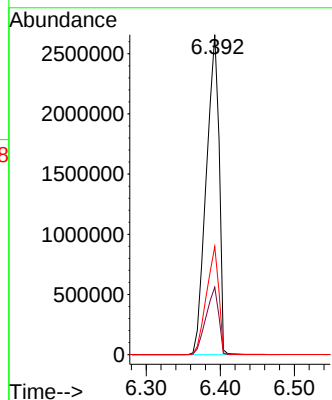
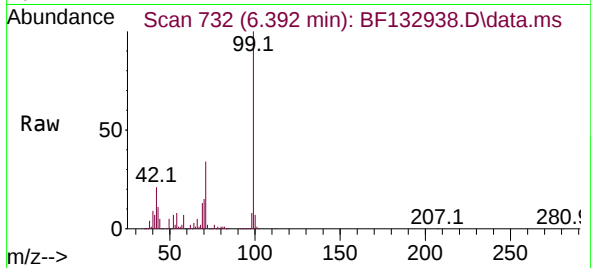




#7
Phenol-d6
Concen: 137.075 ng
RT: 6.392 min Scan# 731
Delta R.T. 0.000 min
Lab File: BF132938.D
Acq: 20 Apr 2023 14:45

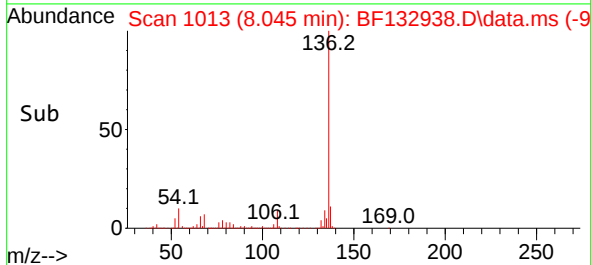
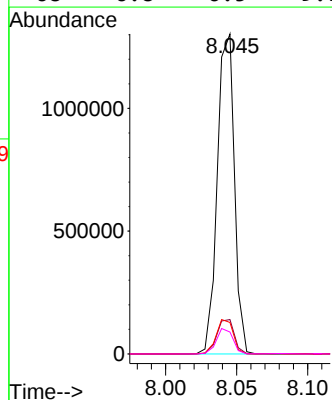
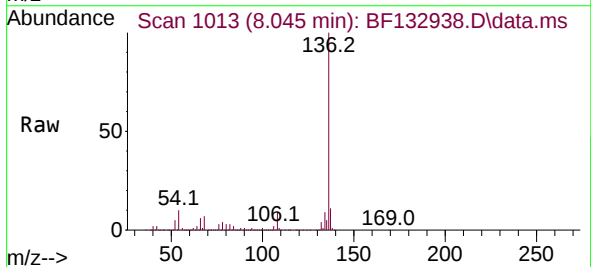
Instrument :
BNA_F
ClientSampleId :
SB-17-0-2-20230410

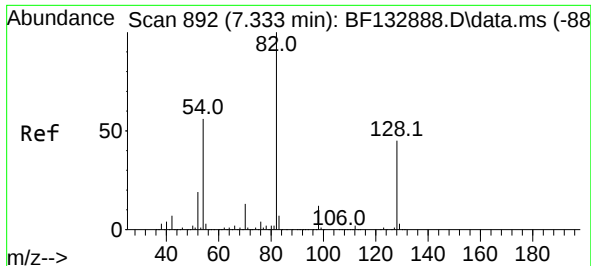
Tgt Ion: 99 Resp: 3184451
Ion Ratio Lower Upper
99 100
42 21.1 16.1 24.1
71 33.8 26.1 39.1



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.045 min Scan# 1013
Delta R.T. 0.000 min
Lab File: BF132938.D
Acq: 20 Apr 2023 14:45

Tgt Ion: 136 Resp: 1094236
Ion Ratio Lower Upper
136 100
137 10.7 9.0 13.4
54 9.8 8.9 13.3
68 6.8 6.5 9.7





#23

Nitrobenzene-d5

Concen: 90.487 ng

RT: 7.322 min Scan# 89

Delta R.T. -0.006 min

Lab File: BF132938.D

Acq: 20 Apr 2023 14:45

Instrument :

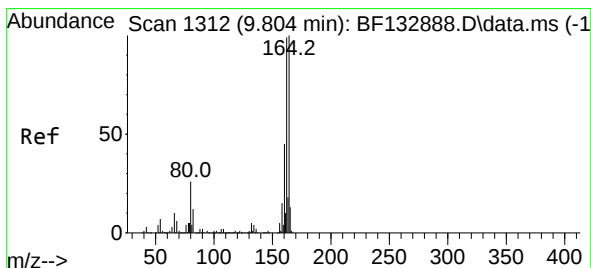
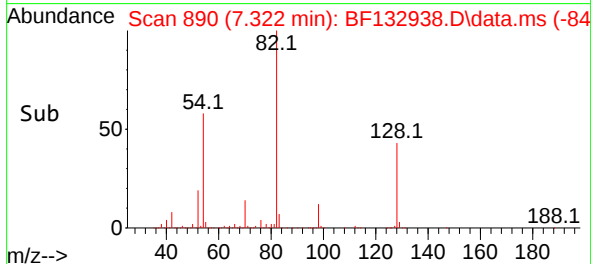
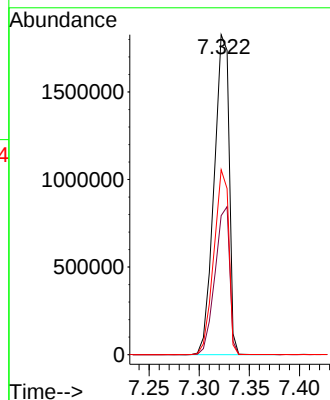
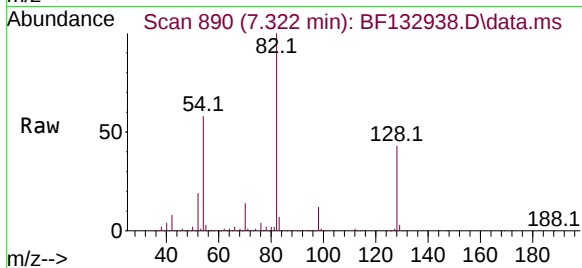
BNA_F

ClientSampleId :

SB-17-0-2-20230410

Tgt Ion: 82 Resp: 1899564

Ion	Ratio	Lower	Upper
82	100		
128	43.4	35.7	53.5
54	57.8	44.7	67.1



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.798 min Scan# 1311

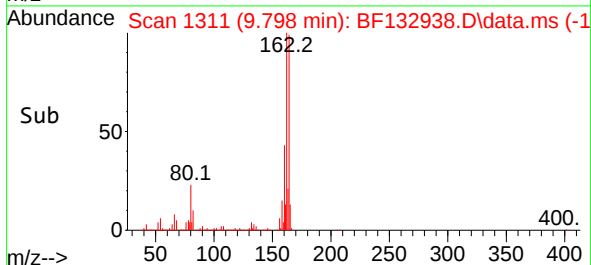
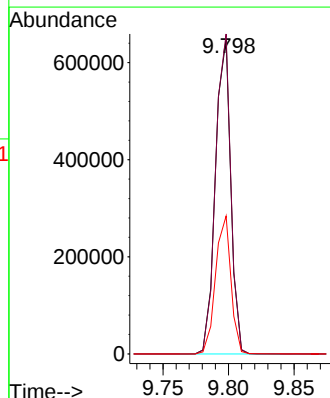
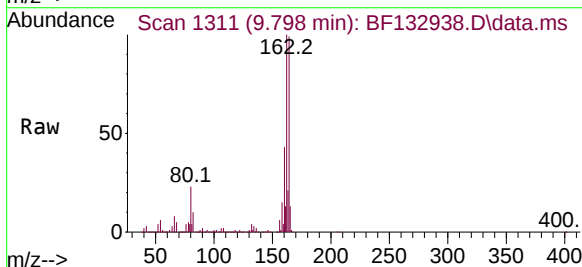
Delta R.T. 0.000 min

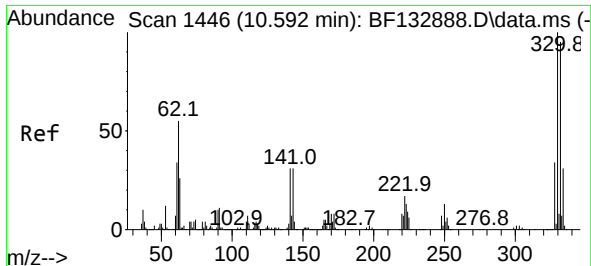
Lab File: BF132938.D

Acq: 20 Apr 2023 14:45

Tgt Ion:164 Resp: 527990

Ion	Ratio	Lower	Upper
164	100		
162	101.5	79.1	118.7
160	43.7	35.6	53.4





#42

2,4,6-Tribromophenol

Concen: 137.160 ng

RT: 10.586 min Scan# 1445

Delta R.T. 0.000 min

Lab File: BF132938.D

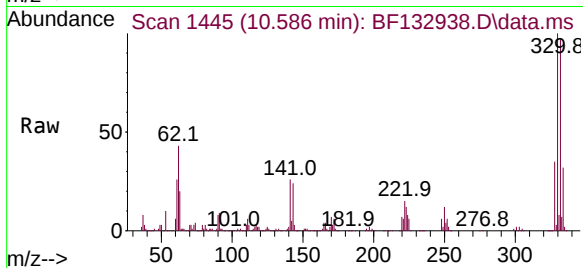
Acq: 20 Apr 2023 14:45

Instrument :

BNA_F

ClientSampleId :

SB-17-0-2-20230410



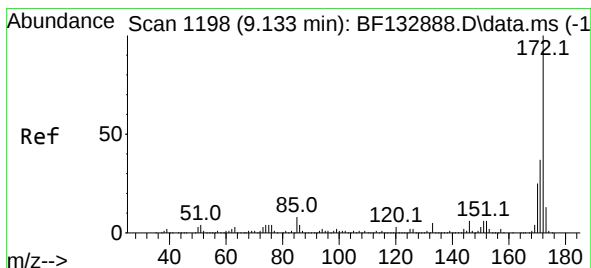
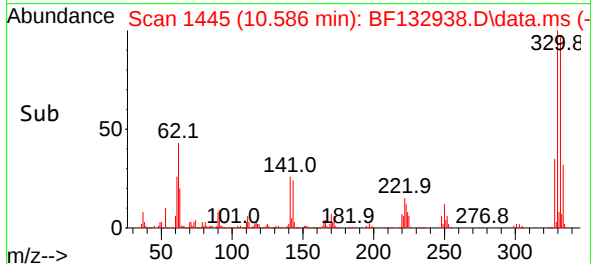
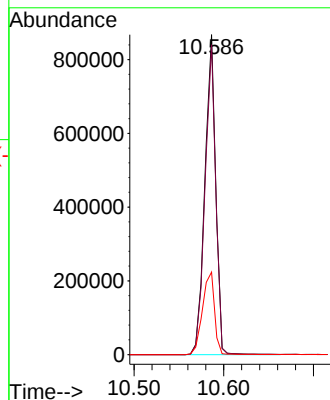
Tgt Ion:330 Resp: 726368

Ion Ratio Lower Upper

330 100

332 96.1 76.3 114.5

141 28.6 23.9 35.9



#45

2-Fluorobiphenyl

Concen: 86.955 ng

RT: 9.122 min Scan# 1196

Delta R.T. 0.000 min

Lab File: BF132938.D

Acq: 20 Apr 2023 14:45

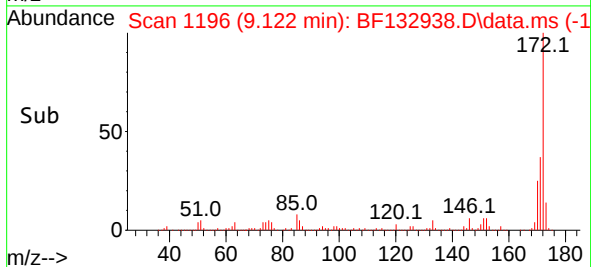
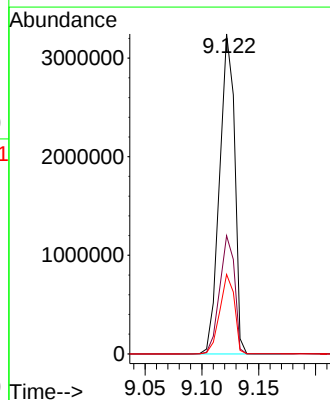
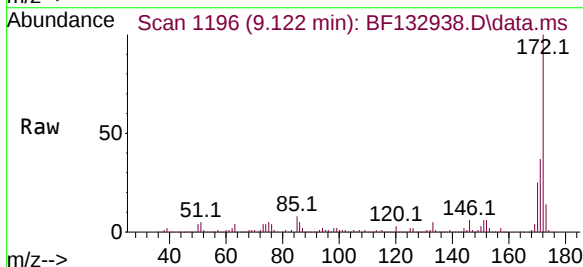
Tgt Ion:172 Resp: 2988604

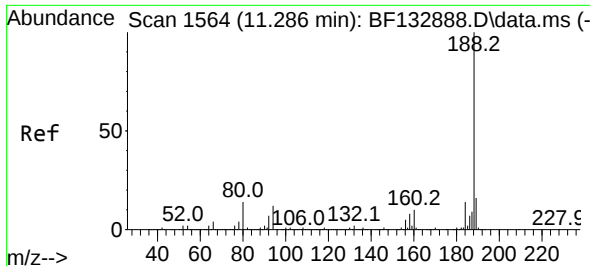
Ion Ratio Lower Upper

172 100

171 36.9 29.4 44.0

170 24.8 20.1 30.1

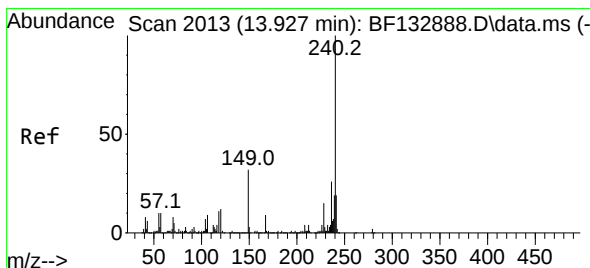
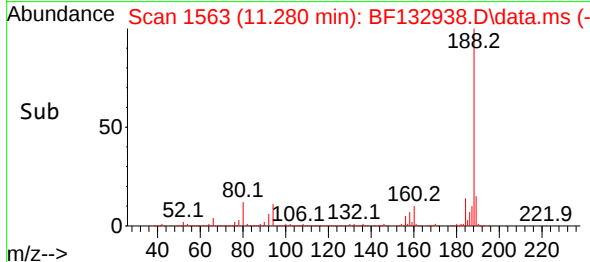
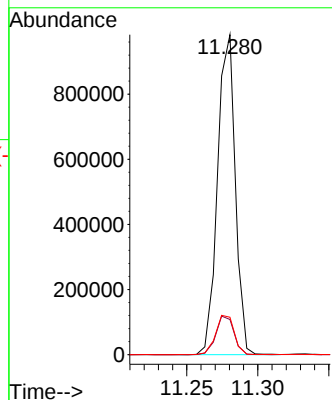
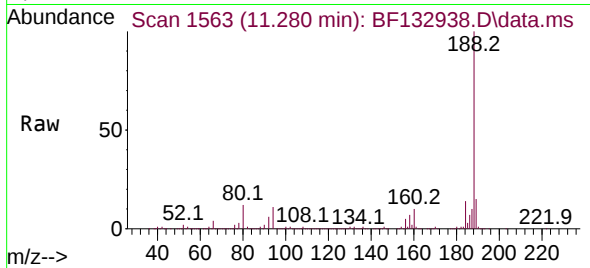




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.280 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF132938.D
Acq: 20 Apr 2023 14:45

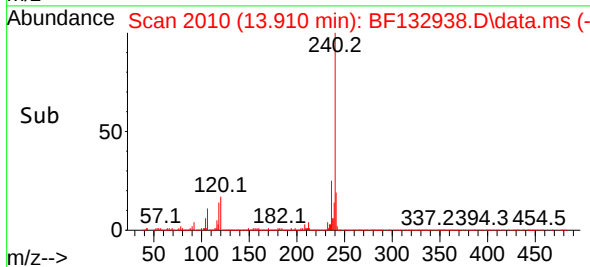
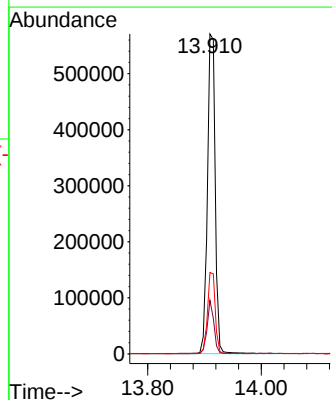
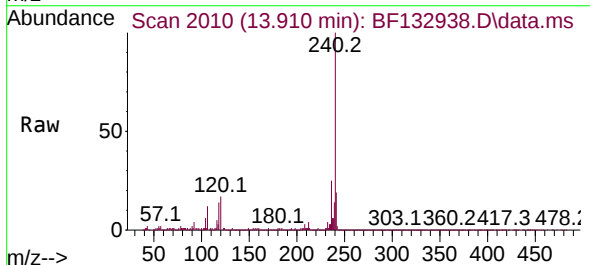
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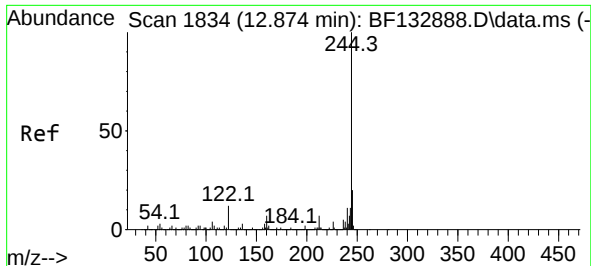
Tgt Ion:188 Resp: 856888
Ion Ratio Lower Upper
188 100
94 11.0 9.9 14.9
80 11.7 10.8 16.2



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.910 min Scan# 2010
Delta R.T. -0.006 min
Lab File: BF132938.D
Acq: 20 Apr 2023 14:45

Tgt Ion:240 Resp: 544062
Ion Ratio Lower Upper
240 100
120 16.7 10.0 15.0#
236 25.5 20.8 31.2

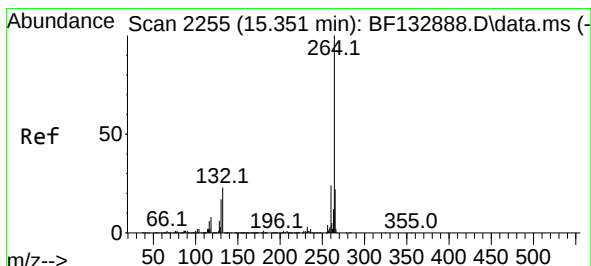
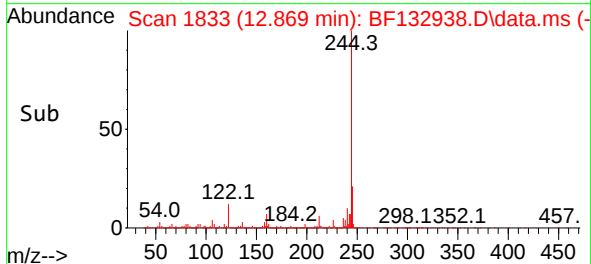
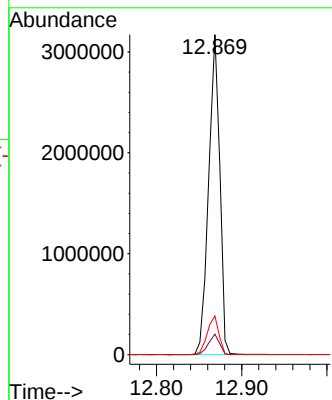
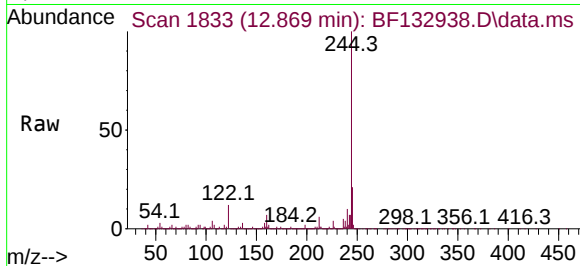




#79
 Terphenyl-d14
 Concen: 90.268 ng
 RT: 12.869 min Scan# 1834
 Delta R.T. 0.000 min
 Lab File: BF132938.D
 Acq: 20 Apr 2023 14:45

Instrument :
 BNA_F
 ClientSampleId :
 SB-17-0-2-20230410

Tgt Ion:244 Resp: 2878613
 Ion Ratio Lower Upper
 244 100
 212 6.4 5.4 8.0
 122 12.1 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: BF132938.D
 Acq: 20 Apr 2023 14:45

Tgt Ion:264 Resp: 516132
 Ion Ratio Lower Upper
 264 100
 260 23.8 19.0 28.6
 265 21.3 17.7 26.5

