

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051023\
 Data File : BF133344.D
 Acq On : 10 May 2023 22:13
 Operator : CG\JU
 Sample : 02719-08
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-02_5-7_20230509

Quant Time: May 11 03:43:43 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 09 04:59:36 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.722	152	218013	20.000	ng	0.00
21) Naphthalene-d8	8.004	136	904860	20.000	ng	0.00
39) Acenaphthene-d10	9.757	164	478564	20.000	ng	0.00
64) Phenanthrene-d10	11.239	188	823586	20.000	ng	# 0.00
76) Chrysene-d12	13.868	240	383839	20.000	ng	-0.01
86) Perylene-d12	15.286	264	433139	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.339	112	1394242	96.607	ng	0.01
7) Phenol-d6	6.363	99	1689709	94.327	ng	0.00
23) Nitrobenzene-d5	7.286	82	1041080	62.103	ng	0.00
42) 2,4,6-Tribromophenol	10.545	330	256222	53.237	ng	0.00
45) 2-Fluorobiphenyl	9.080	172	1784623	62.388	ng	0.00
79) Terphenyl-d14	12.821	244	1750744	78.665	ng	-0.01

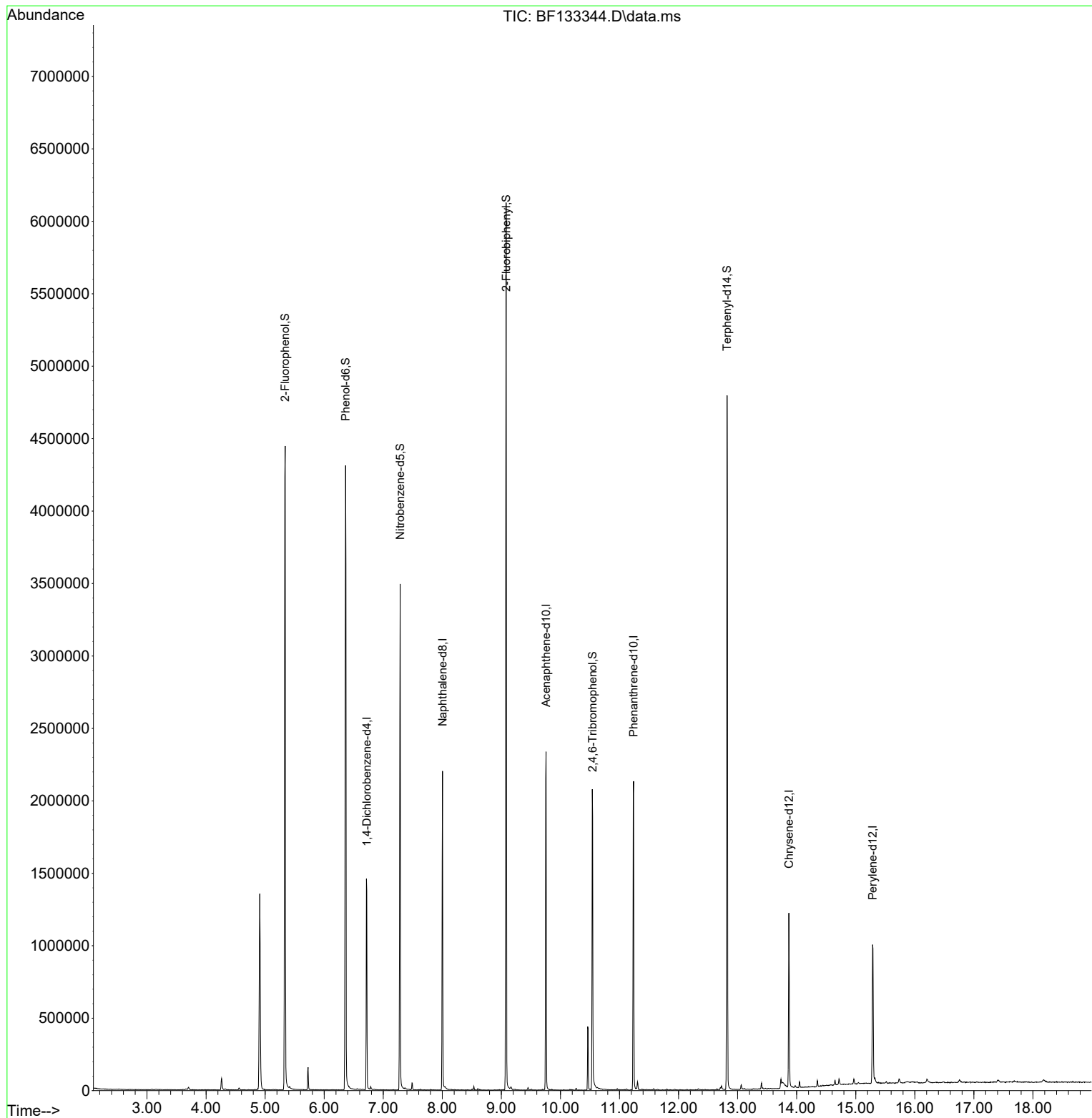
Target Compounds	Qvalue

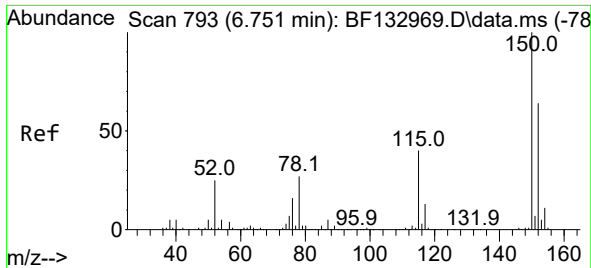
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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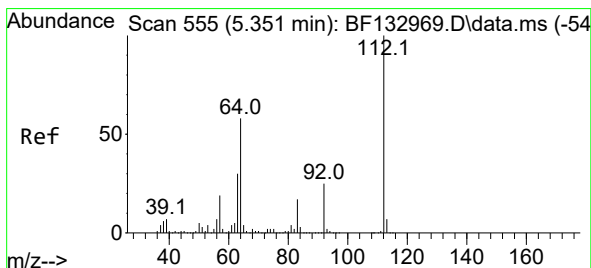
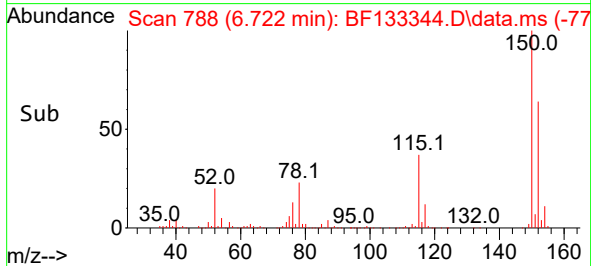
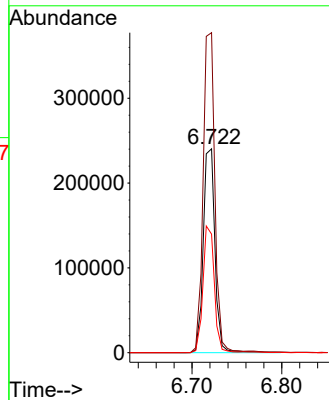
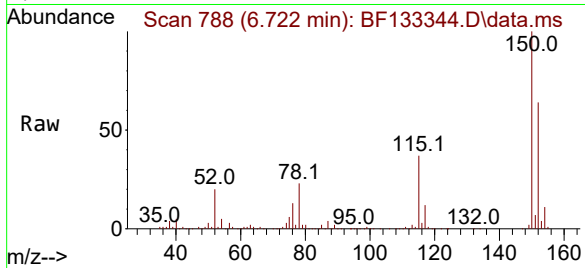




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.722 min Scan# 793
Delta R.T. -0.000 min
Lab File: BF133344.D
Acq: 10 May 2023 22:13

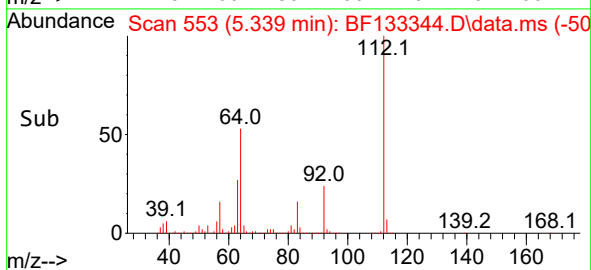
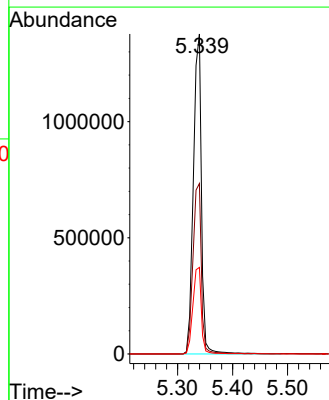
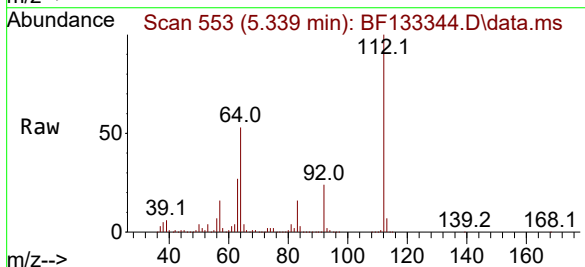
Instrument :
BNA_F
ClientSampleId :
SB-02_5-7_20230509

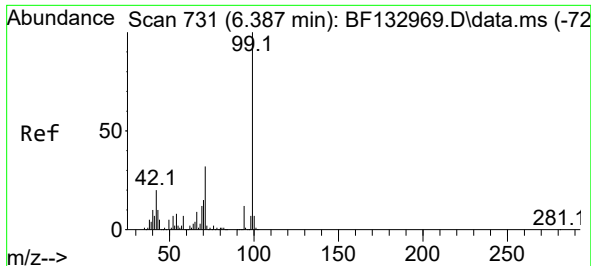
Tgt Ion:152 Resp: 218013
Ion Ratio Lower Upper
152 100
150 157.0 124.8 187.2
115 58.2 49.9 74.9



#5
2-Fluorophenol
Concen: 96.607 ng
RT: 5.339 min Scan# 553
Delta R.T. 0.012 min
Lab File: BF133344.D
Acq: 10 May 2023 22:13

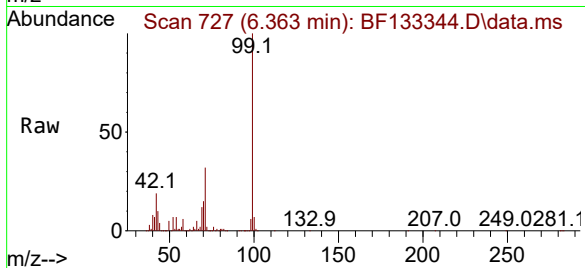
Tgt Ion:112 Resp: 1394242
Ion Ratio Lower Upper
112 100
64 53.3 46.8 70.2
63 27.1 23.8 35.8





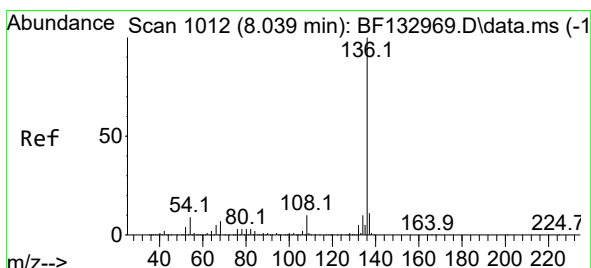
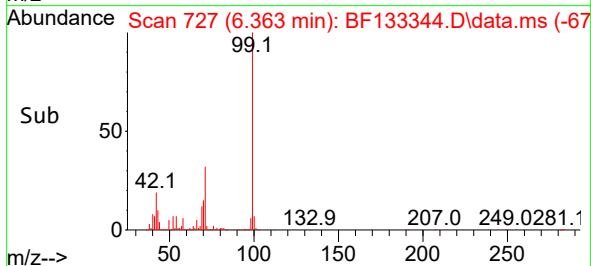
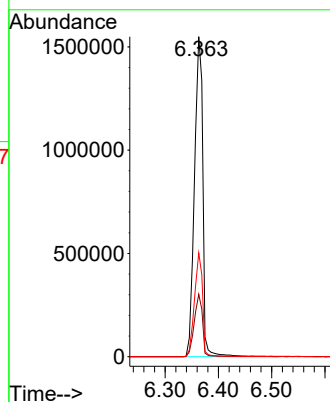
#7
Phenol-d6
Concen: 94.327 ng
RT: 6.363 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF133344.D
Acq: 10 May 2023 22:13

Instrument :
BNA_F
ClientSampleId :
SB-02_5-7_20230509



Tgt Ion: 99 Resp: 1689709

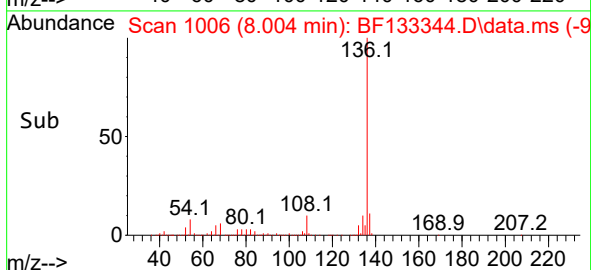
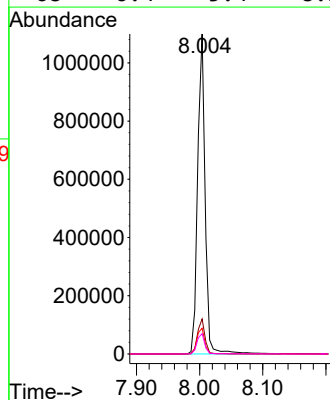
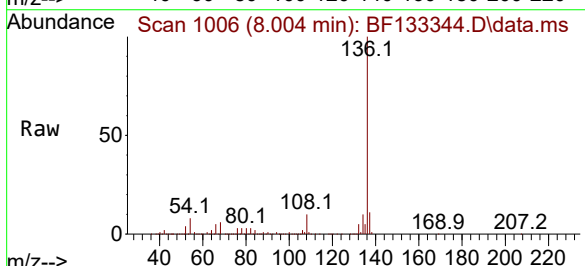
Ion	Ratio	Lower	Upper
99	100		
42	19.5	16.3	24.5
71	32.5	25.6	38.4

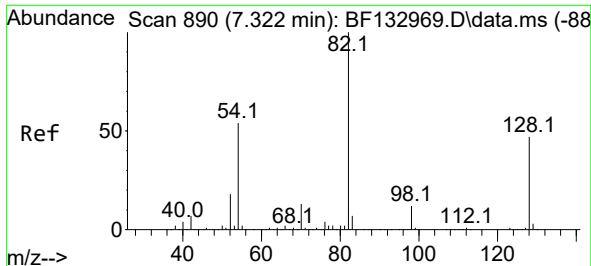


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.004 min Scan# 1006
Delta R.T. -0.006 min
Lab File: BF133344.D
Acq: 10 May 2023 22:13

Tgt Ion:136 Resp: 904860

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.6	13.0
54	8.1	7.0	10.4
68	6.4	5.4	8.2





#23

Nitrobenzene-d5

Concen: 62.103 ng

RT: 7.286 min Scan# 81

Delta R.T. -0.006 min

Lab File: BF133344.D

Acq: 10 May 2023 22:13

Instrument :

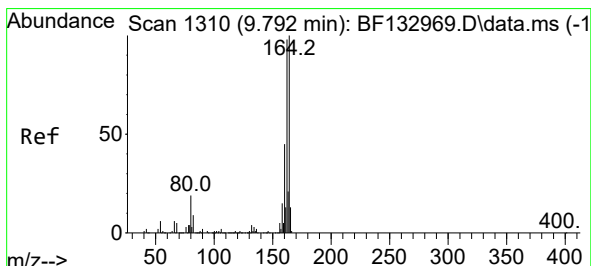
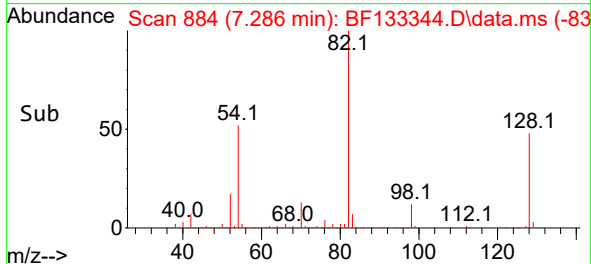
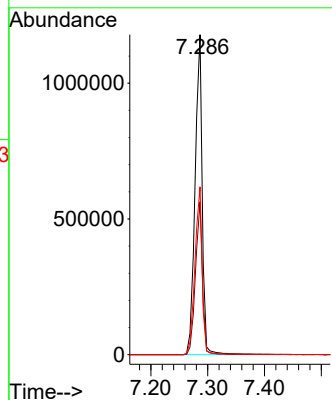
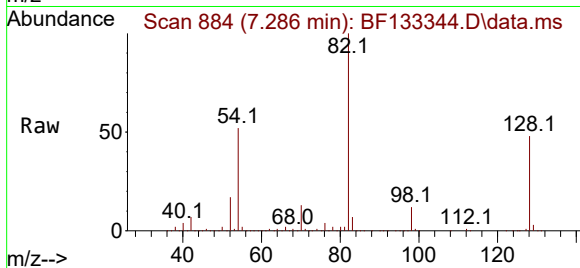
BNA_F

ClientSampleId :

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Tgt Ion: 82 Resp: 1041080

Ion	Ratio	Lower	Upper
82	100		
128	47.8	37.7	56.5
54	52.5	43.0	64.4



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.757 min Scan# 1304

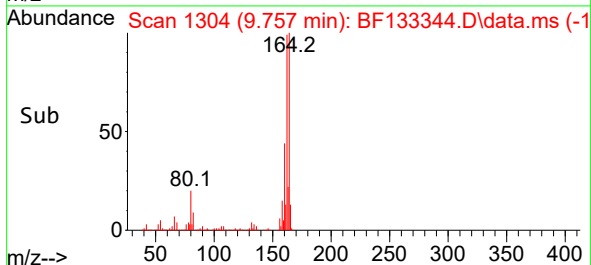
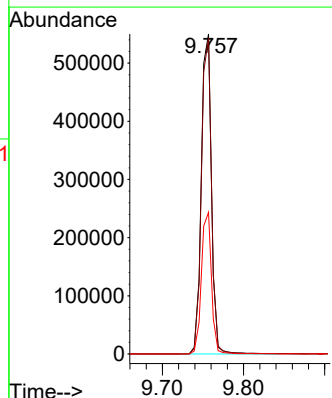
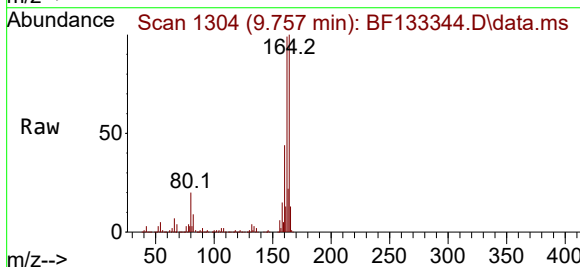
Delta R.T. -0.006 min

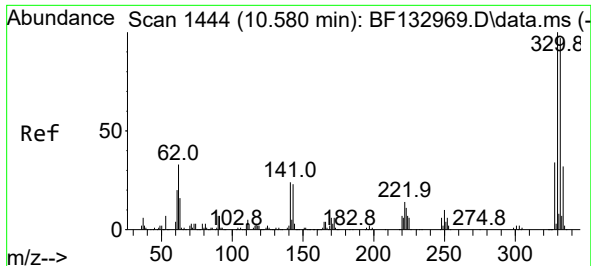
Lab File: BF133344.D

Acq: 10 May 2023 22:13

Tgt Ion:164 Resp: 478564

Ion	Ratio	Lower	Upper
164	100		
162	98.8	78.7	118.1
160	44.3	35.8	53.6





#42

2,4,6-Tribromophenol

Concen: 53.237 ng

RT: 10.545 min Scan# 1444

Delta R.T. -0.006 min

Lab File: BF133344.D

Acq: 10 May 2023 22:13

Instrument :

BNA_F

ClientSampleId :

SB-02_5-7_20230509

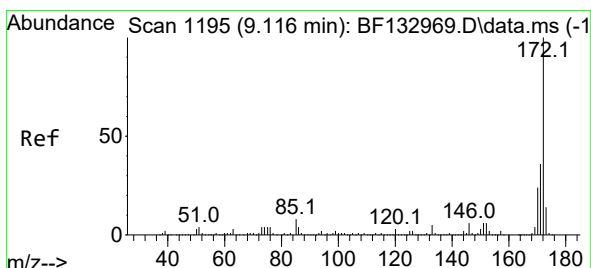
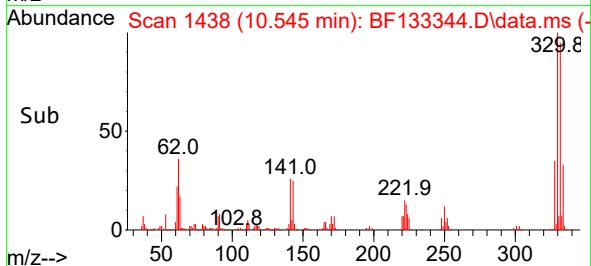
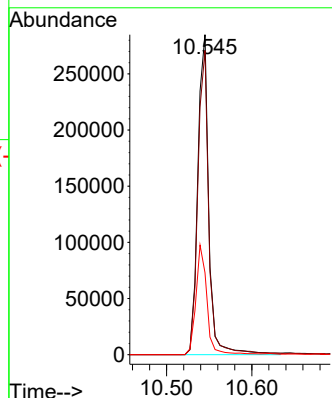
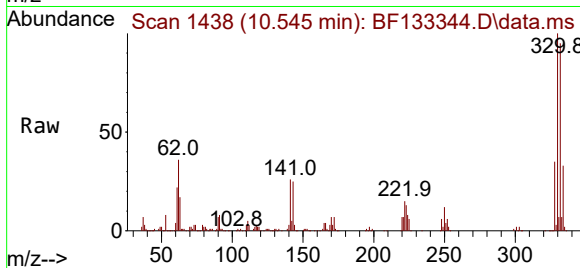
Tgt Ion:330 Resp: 256222

Ion Ratio Lower Upper

330 100

332 95.1 77.1 115.7

141 34.1 25.8 38.8



#45

2-Fluorobiphenyl

Concen: 62.388 ng

RT: 9.080 min Scan# 1189

Delta R.T. -0.006 min

Lab File: BF133344.D

Acq: 10 May 2023 22:13

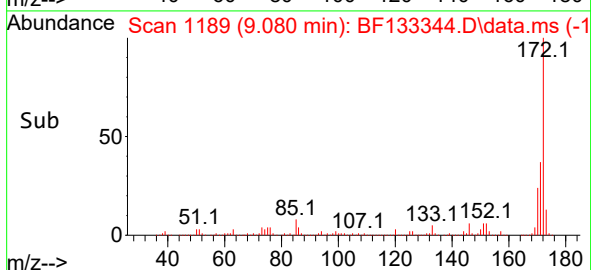
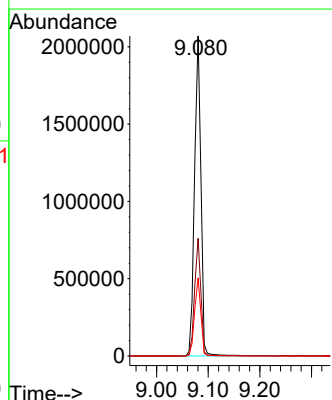
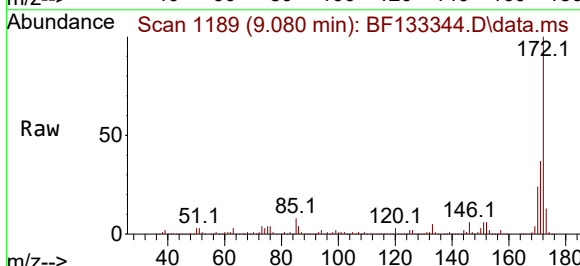
Tgt Ion:172 Resp: 1784623

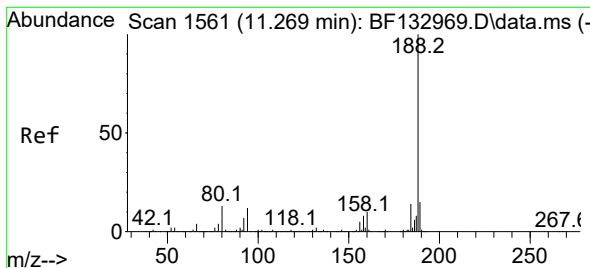
Ion Ratio Lower Upper

172 100

171 36.7 28.8 43.2

170 24.4 19.4 29.2





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.239 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF133344.D

Acq: 10 May 2023 22:13

Instrument :

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ClientSampleId :

SB-02_5-7_20230509

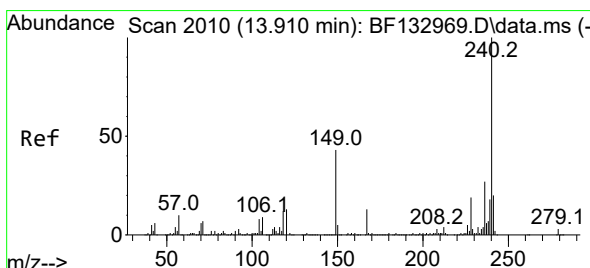
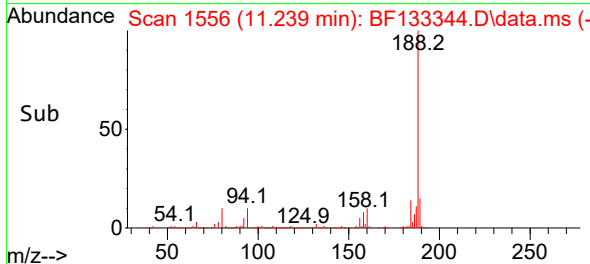
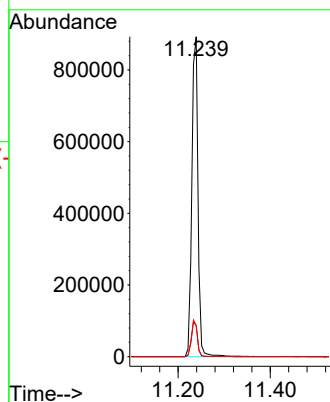
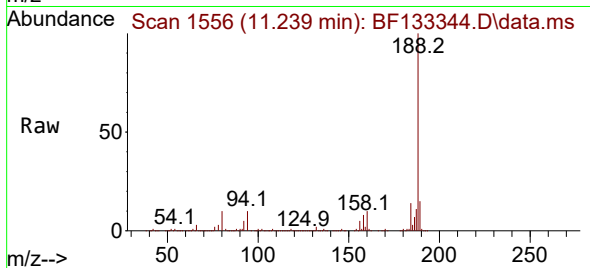
Tgt Ion:188 Resp: 823586

Ion Ratio Lower Upper

188 100

94 9.7 9.7 14.5

80 9.8 10.4 15.6#



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.868 min Scan# 2003

Delta R.T. -0.012 min

Lab File: BF133344.D

Acq: 10 May 2023 22:13

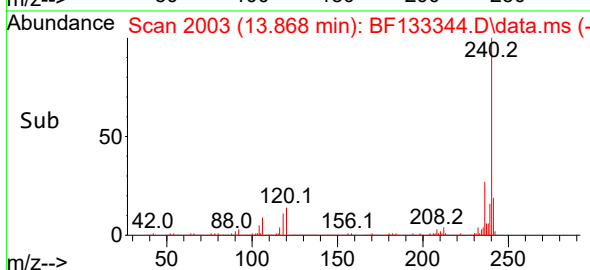
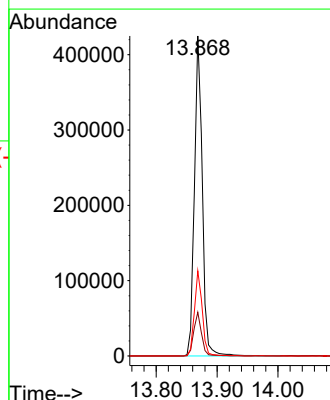
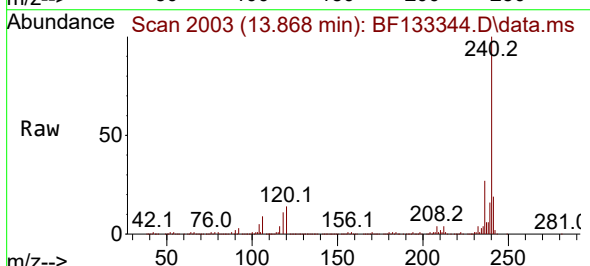
Tgt Ion:240 Resp: 383839

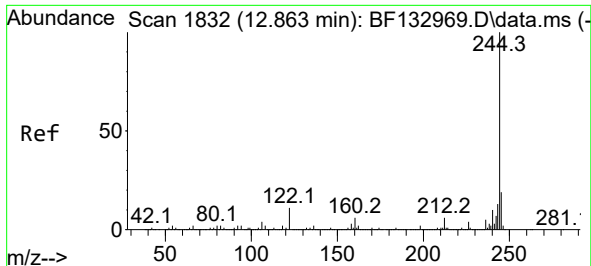
Ion Ratio Lower Upper

240 100

120 13.7 10.5 15.7

236 26.6 21.5 32.3

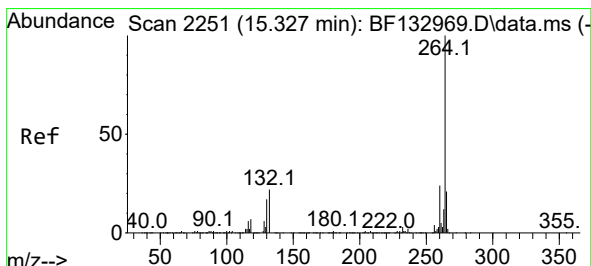
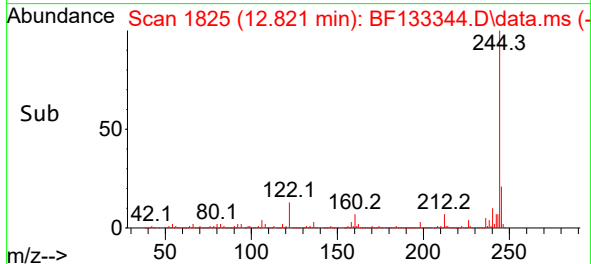
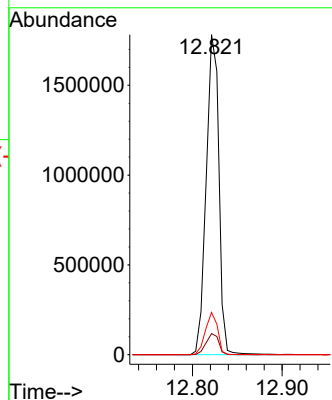
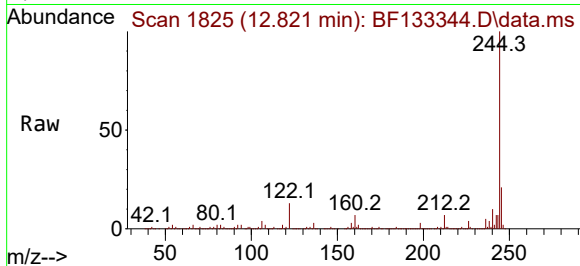




#79
 Terphenyl-d14
 Concen: 78.665 ng
 RT: 12.821 min Scan# 11
 Delta R.T. -0.012 min
 Lab File: BF133344.D
 Acq: 10 May 2023 22:13

Instrument :
 BNA_F
 ClientSampleId :
 SB-02_5-7_20230509

Tgt Ion:244 Resp: 1750744
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.1 7.7
 122 13.2 8.6 13.0#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.286 min Scan# 2244
 Delta R.T. -0.006 min
 Lab File: BF133344.D
 Acq: 10 May 2023 22:13

Tgt Ion:264 Resp: 433139
 Ion Ratio Lower Upper
 264 100
 260 24.5 18.8 28.2
 265 21.4 17.0 25.4

