

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050423\
 Data File : BF133234.D
 Acq On : 04 May 2023 17:00
 Operator : CG\JU
 Sample : 02604-01
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TF-1

Quant Time: May 04 18:09:23 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 04 12:22:53 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.728	152	189834	20.000	ng	0.00
21) Naphthalene-d8	8.010	136	752324	20.000	ng	0.00
39) Acenaphthene-d10	9.763	164	400921	20.000	ng	0.00
64) Phenanthrene-d10	11.239	188	721999	20.000	ng	0.00
76) Chrysene-d12	13.874	240	388310	20.000	ng	-0.01
86) Perylene-d12	15.292	264	406559	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.340	112	1411289	112.304	ng	0.00
7) Phenol-d6	6.369	99	1729554	110.884	ng	0.00
23) Nitrobenzene-d5	7.292	82	1047666	75.167	ng	0.00
42) 2,4,6-Tribromophenol	10.551	330	458451	113.702	ng	0.00
45) 2-Fluorobiphenyl	9.086	172	1817862	75.857	ng	0.00
79) Terphenyl-d14	12.833	244	2047706	90.948	ng	0.00

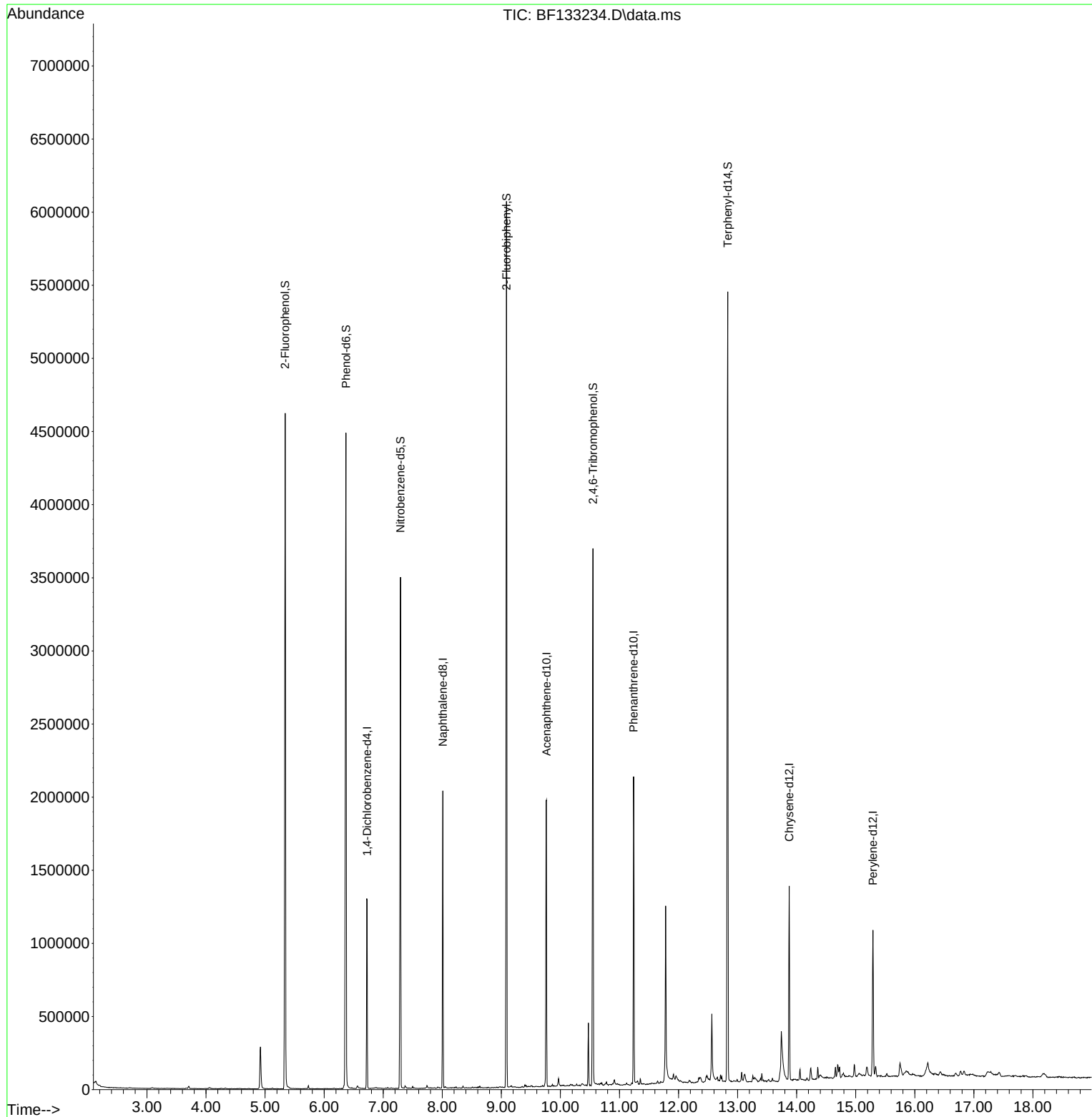
Target Compounds	Qvalue

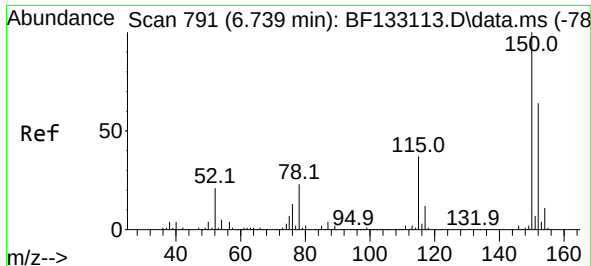
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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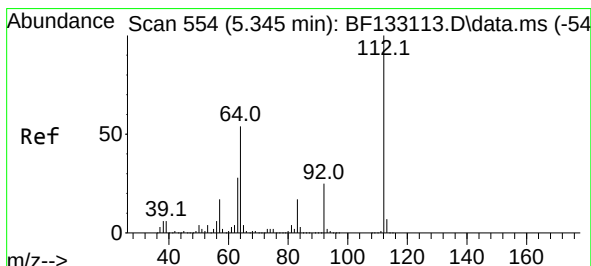
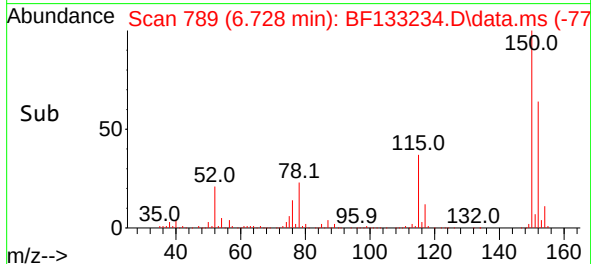
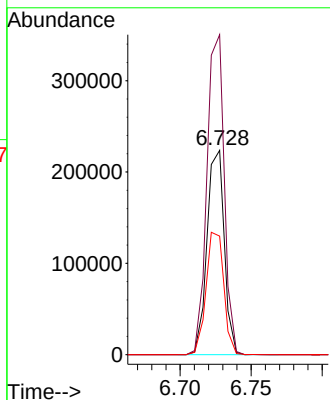
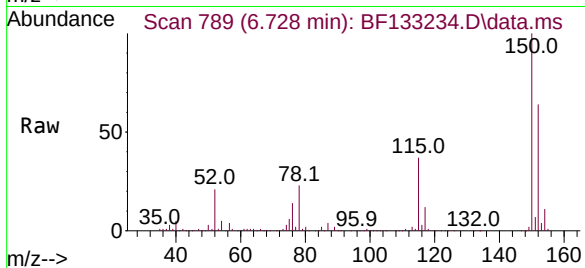




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.728 min Scan# 791
Delta R.T. -0.000 min
Lab File: BF133234.D
Acq: 04 May 2023 17:00

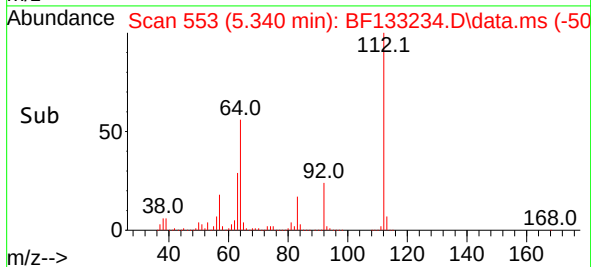
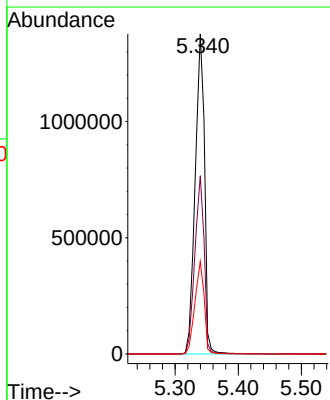
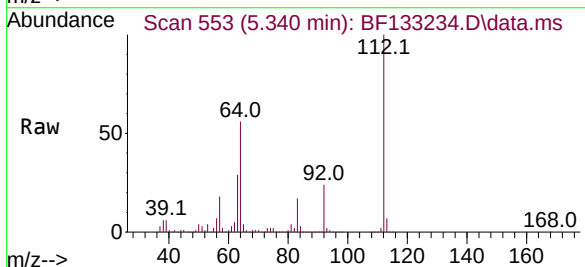
Instrument :
BNA_F
ClientSampleId :
TF-1

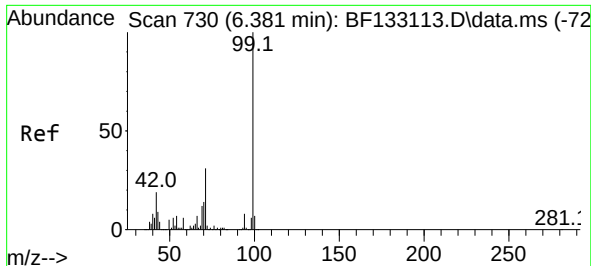
Tgt Ion:152 Resp: 189834
Ion Ratio Lower Upper
152 100
150 156.6 124.8 187.2
115 58.0 49.9 74.9



#5
2-Fluorophenol
Concen: 112.304 ng
RT: 5.340 min Scan# 553
Delta R.T. 0.006 min
Lab File: BF133234.D
Acq: 04 May 2023 17:00

Tgt Ion:112 Resp: 1411289
Ion Ratio Lower Upper
112 100
64 55.7 46.8 70.2
63 28.9 23.8 35.8





#7

Phenol-d6

Concen: 110.884 ng

RT: 6.369 min Scan# 71

Delta R.T. -0.006 min

Lab File: BF133234.D

Acq: 04 May 2023 17:00

Instrument :

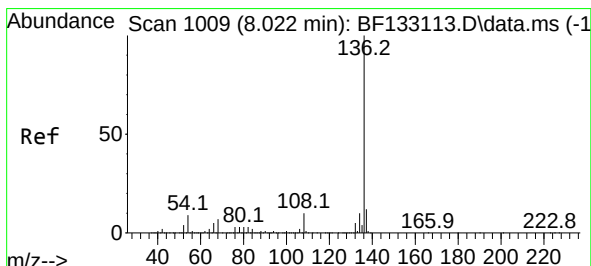
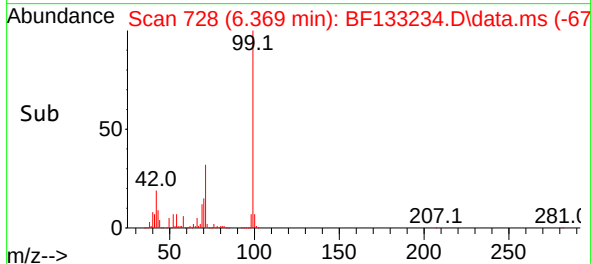
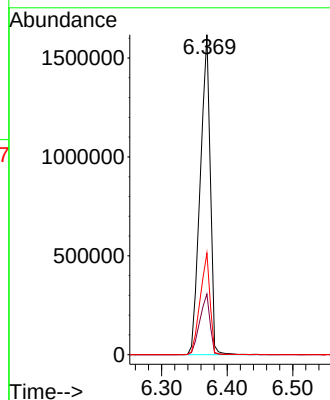
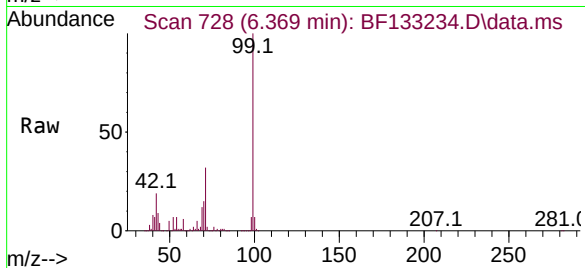
BNA_F

ClientSampleId :

TF-1

Tgt Ion: 99 Resp: 1729554

Ion	Ratio	Lower	Upper
99	100		
42	19.0	16.3	24.5
71	31.8	25.6	38.4



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.010 min Scan# 1007

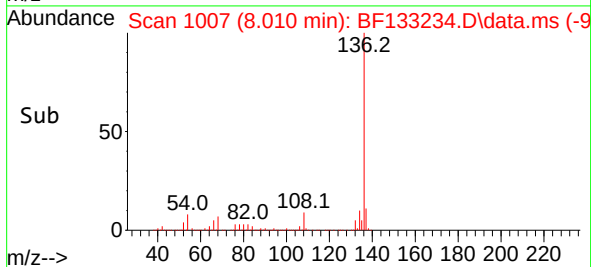
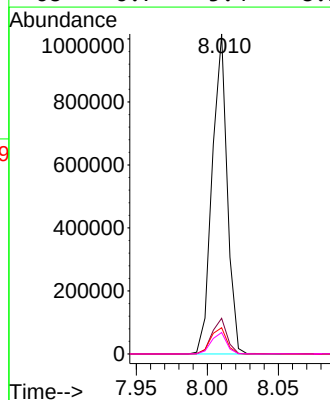
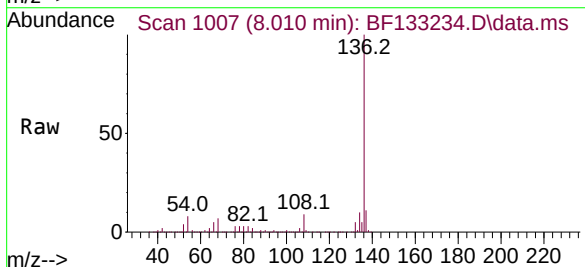
Delta R.T. -0.006 min

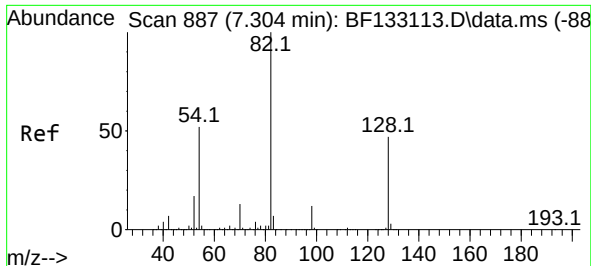
Lab File: BF133234.D

Acq: 04 May 2023 17:00

Tgt Ion: 136 Resp: 752324

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.6	13.0
54	8.2	7.0	10.4
68	6.7	5.4	8.2





#23

Nitrobenzene-d5

Concen: 75.167 ng

RT: 7.292 min Scan# 81

Delta R.T. -0.006 min

Lab File: BF133234.D

Acq: 04 May 2023 17:00

Instrument :

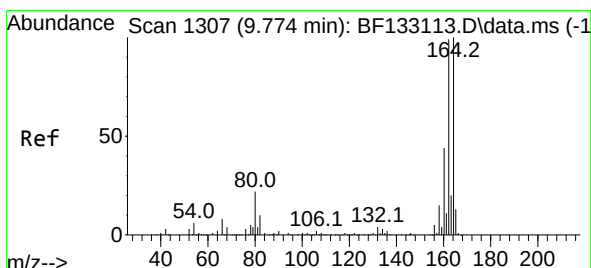
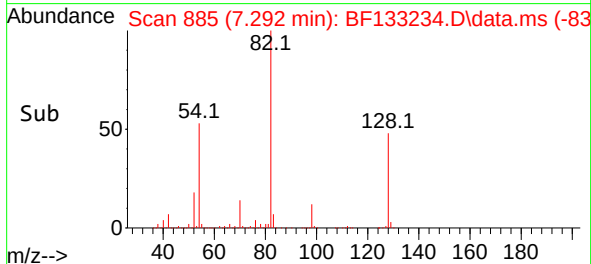
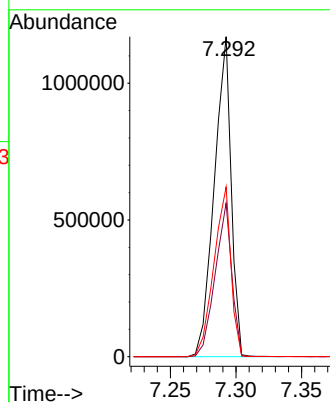
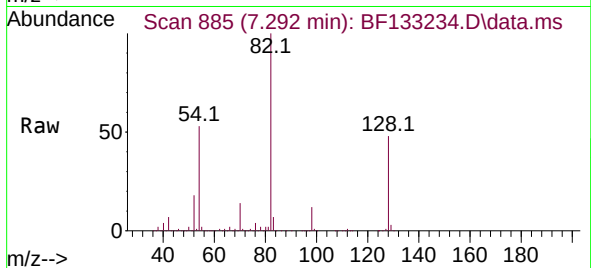
BNA_F

ClientSampleId :

TF-1

Tgt Ion: 82 Resp: 1047666

Ion	Ratio	Lower	Upper
82	100		
128	48.0	37.7	56.5
54	53.0	43.0	64.4



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.763 min Scan# 1305

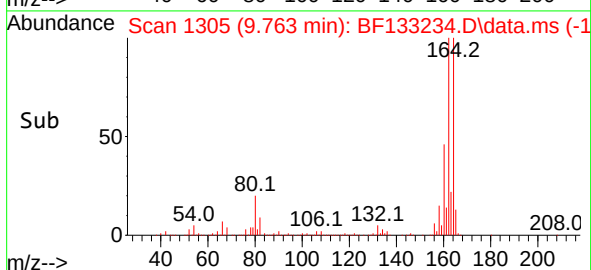
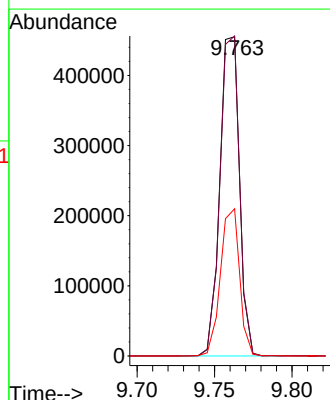
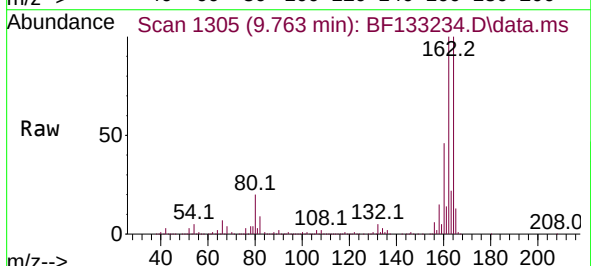
Delta R.T. -0.006 min

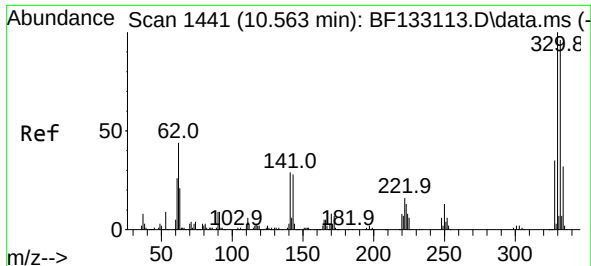
Lab File: BF133234.D

Acq: 04 May 2023 17:00

Tgt Ion: 164 Resp: 400921

Ion	Ratio	Lower	Upper
164	100		
162	100.3	78.7	118.1
160	46.1	35.8	53.6

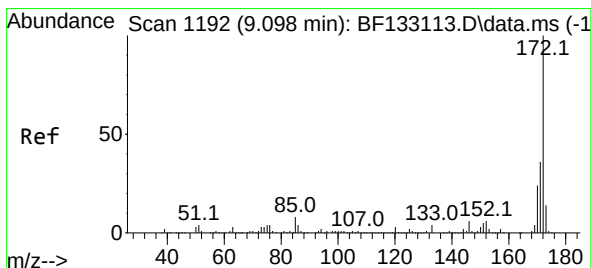
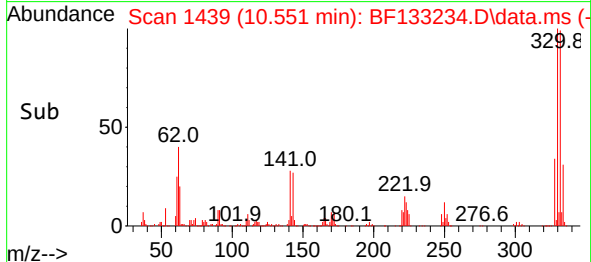
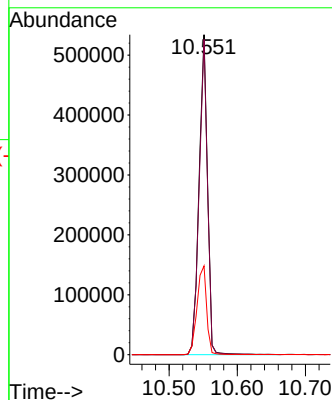
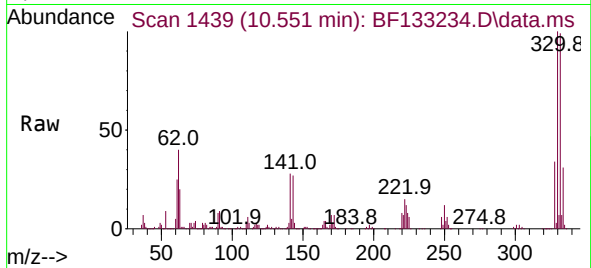




#42
2,4,6-Tribromophenol
Concen: 113.702 ng
RT: 10.551 min Scan# 1441
Delta R.T. -0.006 min
Lab File: BF133234.D
Acq: 04 May 2023 17:00

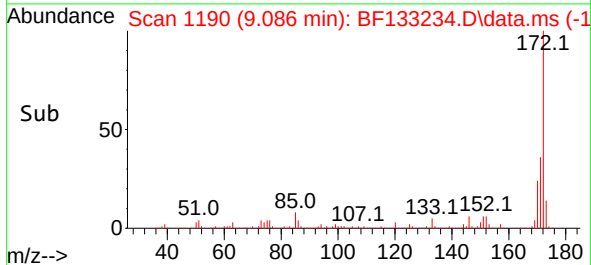
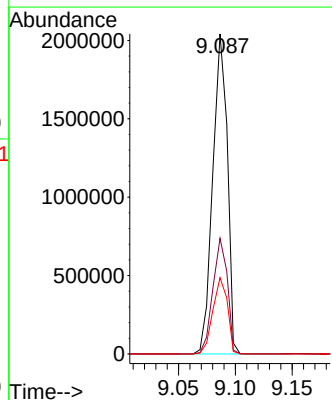
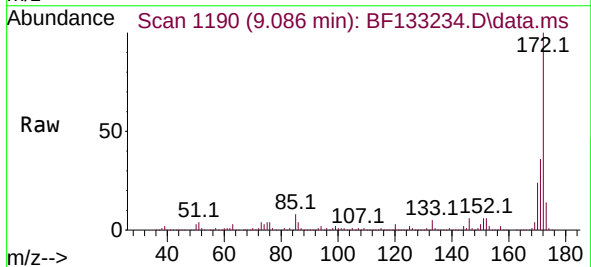
Instrument :
BNA_F
ClientSampleId :
TF-1

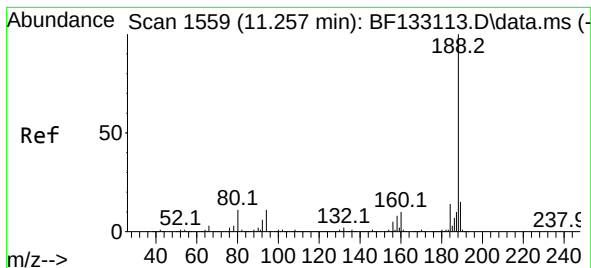
Tgt Ion: 330 Resp: 458451
Ion Ratio Lower Upper
330 100
332 97.6 77.1 115.7
141 31.6 25.8 38.8



#45
2-Fluorobiphenyl
Concen: 75.857 ng
RT: 9.086 min Scan# 1190
Delta R.T. -0.006 min
Lab File: BF133234.D
Acq: 04 May 2023 17:00

Tgt Ion: 172 Resp: 1817862
Ion Ratio Lower Upper
172 100
171 36.2 28.8 43.2
170 23.8 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: BF133234.D

Acq: 04 May 2023 17:00

Instrument :

BNA_F

ClientSampleId :

TF-1

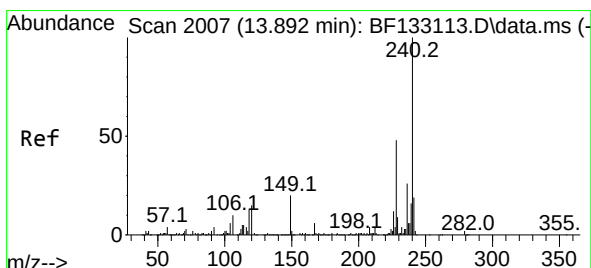
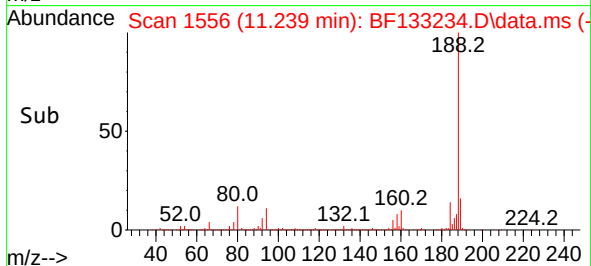
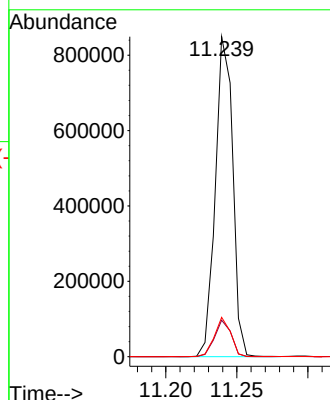
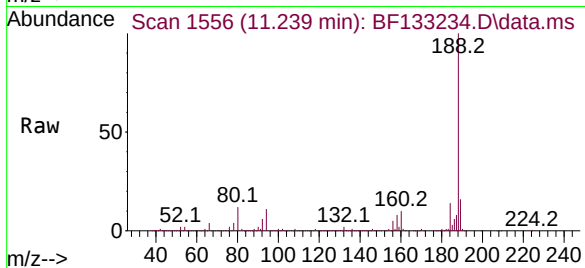
Tgt Ion:188 Resp: 721999

Ion Ratio Lower Upper

188 100

94 11.4 9.7 14.5

80 12.3 10.4 15.6



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.874 min Scan# 2004

Delta R.T. -0.012 min

Lab File: BF133234.D

Acq: 04 May 2023 17:00

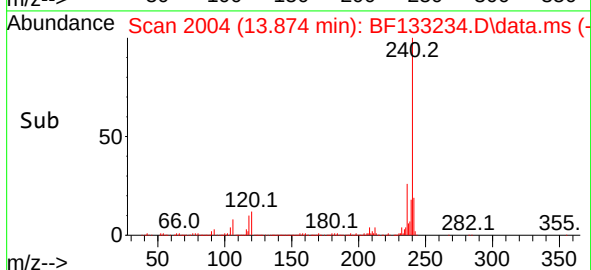
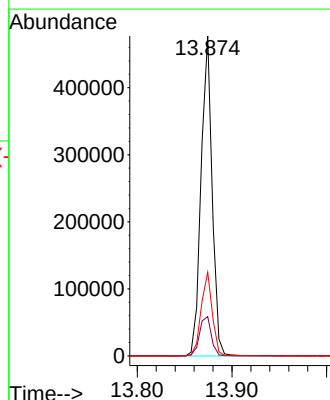
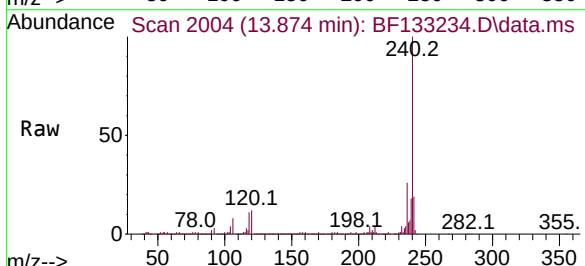
Tgt Ion:240 Resp: 388310

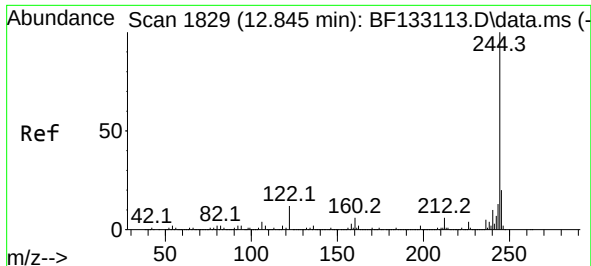
Ion Ratio Lower Upper

240 100

120 12.3 10.5 15.7

236 26.2 21.5 32.3

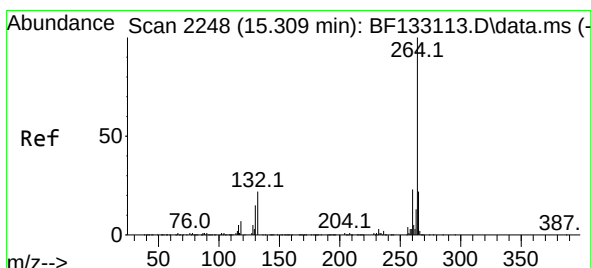
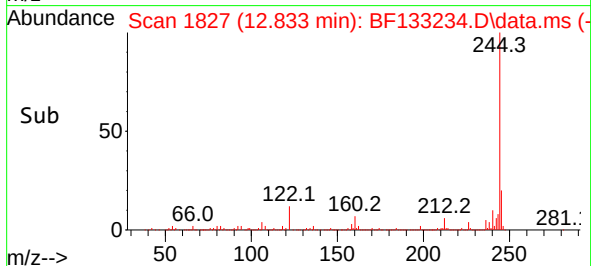
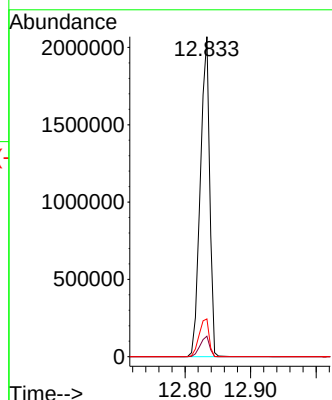
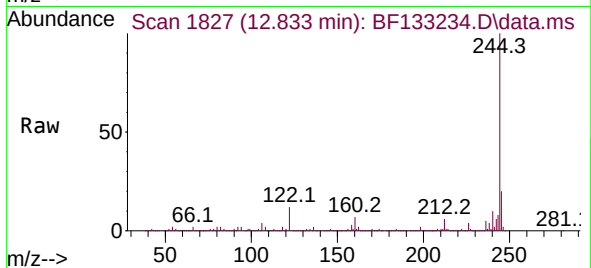




#79
 Terphenyl-d14
 Concen: 90.948 ng
 RT: 12.833 min Scan# 1827
 Delta R.T. 0.000 min
 Lab File: BF133234.D
 Acq: 04 May 2023 17:00

Instrument :
 BNA_F
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 TF-1

Tgt Ion:244 Resp: 2047706
 Ion Ratio Lower Upper
 244 100
 212 6.4 5.1 7.7
 122 11.8 8.6 13.0



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.292 min Scan# 2245
 Delta R.T. -0.006 min
 Lab File: BF133234.D
 Acq: 04 May 2023 17:00

Tgt Ion:264 Resp: 406559
 Ion Ratio Lower Upper
 264 100
 260 24.1 18.8 28.2
 265 21.2 17.0 25.4

