

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042423\
 Data File : BF133009.D
 Acq On : 24 Apr 2023 22:24
 Operator : CG\JU
 Sample : 02472-01
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FP-1

Quant Time: Apr 25 02:13:12 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Apr 22 03:30:56 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.745	152	194287	20.000	ng	0.00
21) Naphthalene-d8	8.028	136	771211	20.000	ng	-0.01
39) Acenaphthene-d10	9.781	164	396197	20.000	ng	-0.01
64) Phenanthrene-d10	11.263	188	733227	20.000	ng	0.00
76) Chrysene-d12	13.898	240	534105	20.000	ng	-0.01
86) Perylene-d12	15.321	264	440821	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.357	112	961961	74.794	ng	0.00
7) Phenol-d6	6.381	99	1210507	75.828	ng	0.00
23) Nitrobenzene-d5	7.304	82	714471	50.006	ng	-0.02
42) 2,4,6-Tribromophenol	10.569	330	299862	75.257	ng	-0.01
45) 2-Fluorobiphenyl	9.104	172	1290130	54.478	ng	-0.01
79) Terphenyl-d14	12.851	244	1485449	47.966	ng	-0.01

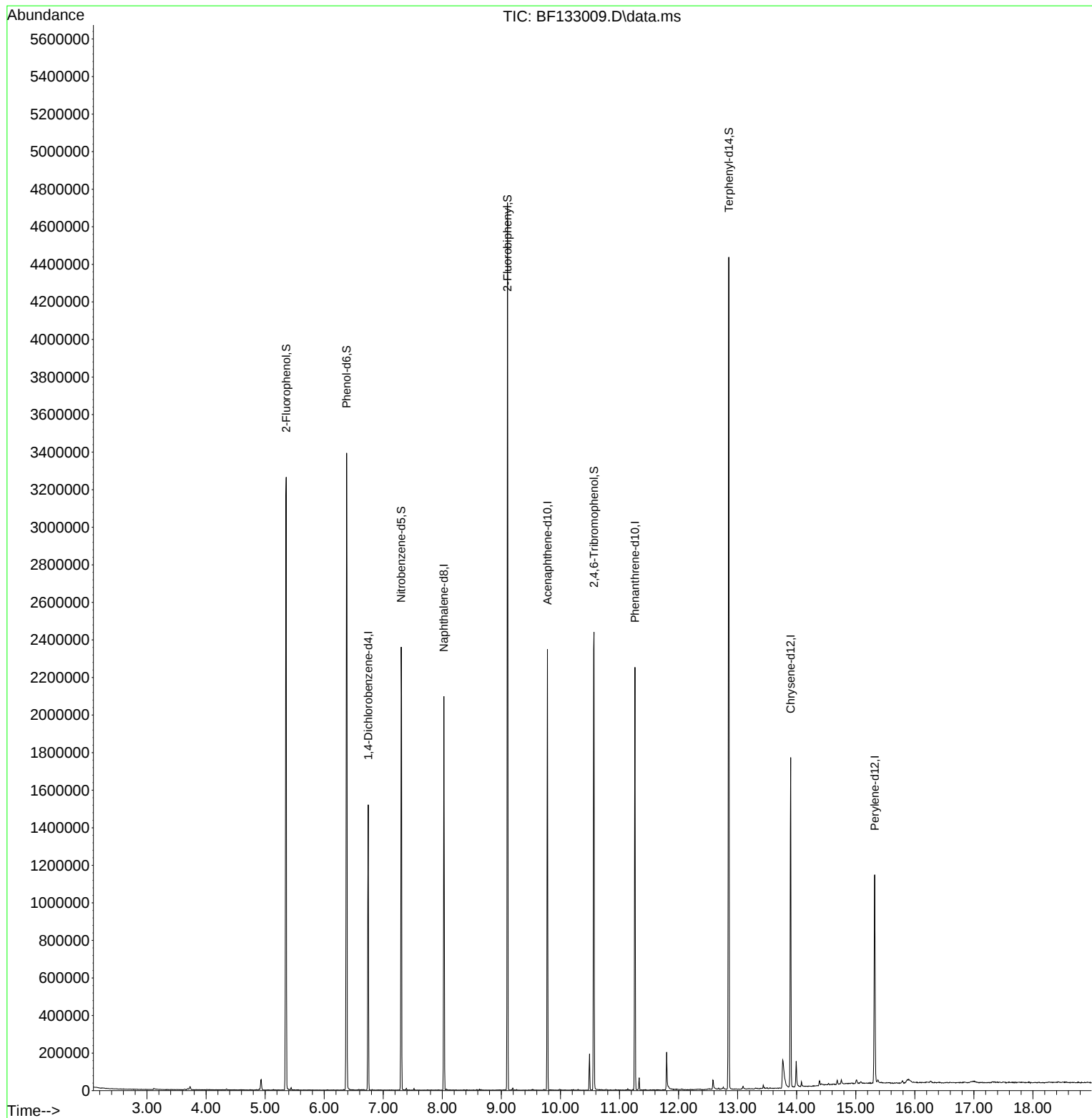
Target Compounds	Qvalue

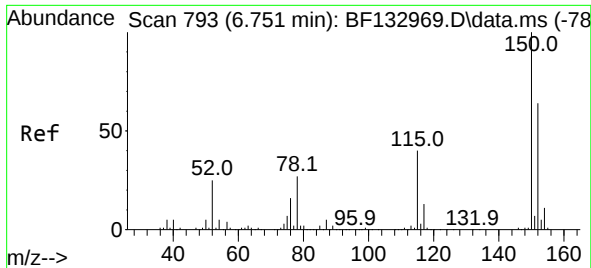
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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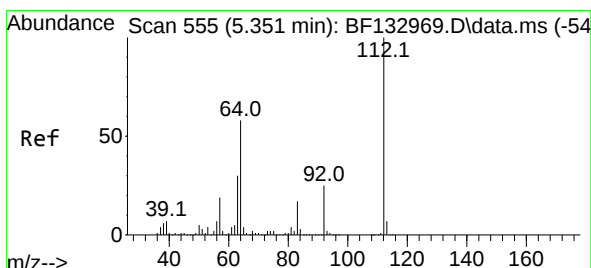
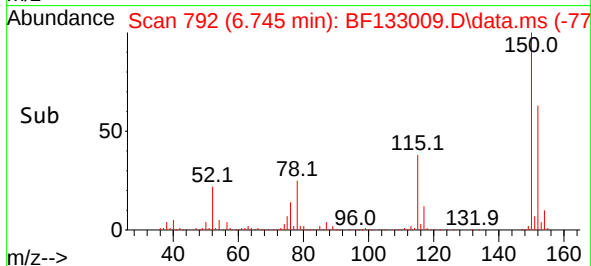
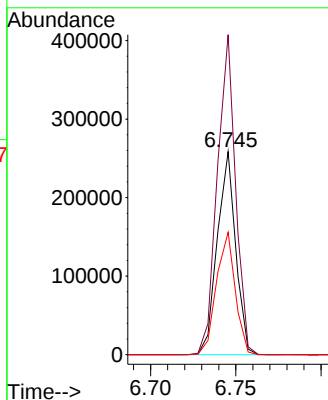
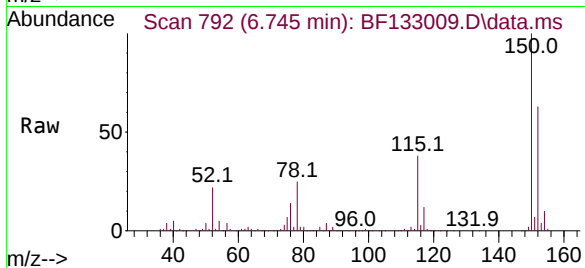




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.745 min Scan# 793
Delta R.T. -0.006 min
Lab File: BF133009.D
Acq: 24 Apr 2023 22:24

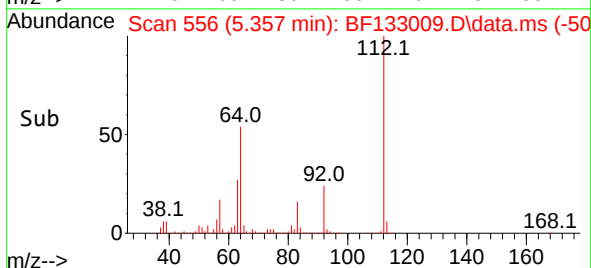
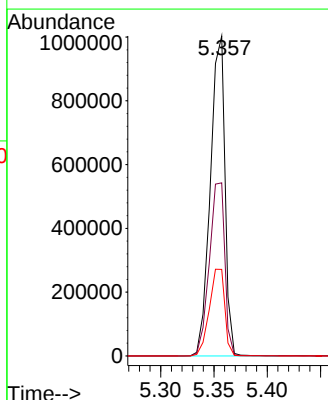
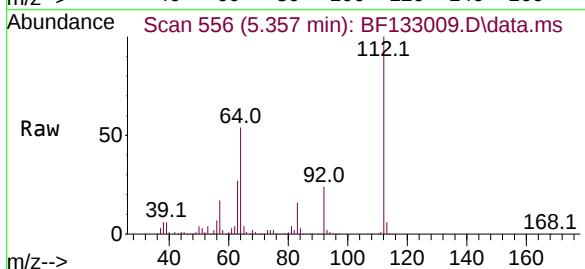
Instrument :
BNA_F
ClientSampleId :
FP-1

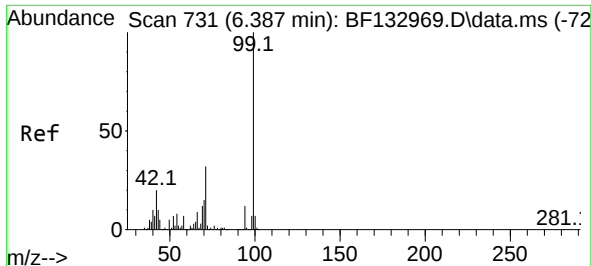
Tgt Ion:152 Resp: 194287
Ion Ratio Lower Upper
152 100
150 157.6 124.8 187.2
115 60.3 49.9 74.9



#5
2-Fluorophenol
Concen: 74.794 ng
RT: 5.357 min Scan# 556
Delta R.T. 0.006 min
Lab File: BF133009.D
Acq: 24 Apr 2023 22:24

Tgt Ion:112 Resp: 961961
Ion Ratio Lower Upper
112 100
64 54.1 46.8 70.2
63 27.0 23.8 35.8





#7

Phenol-d6

Concen: 75.828 ng

RT: 6.381 min Scan# 71

Delta R.T. -0.006 min

Lab File: BF133009.D

Acq: 24 Apr 2023 22:24

Instrument :

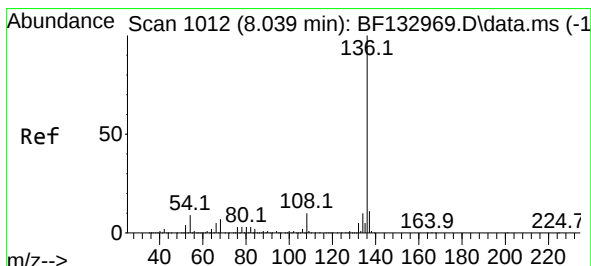
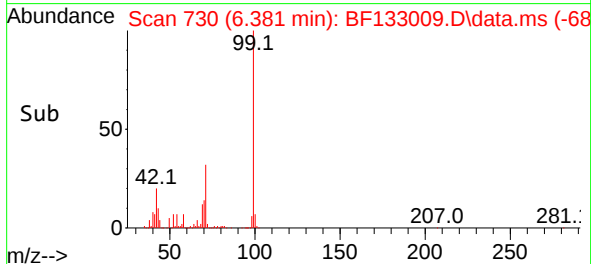
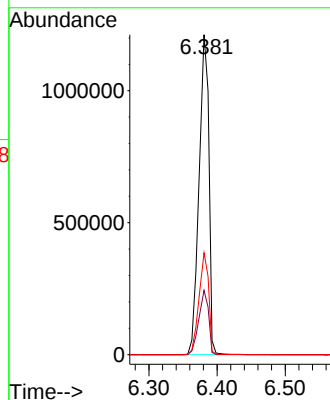
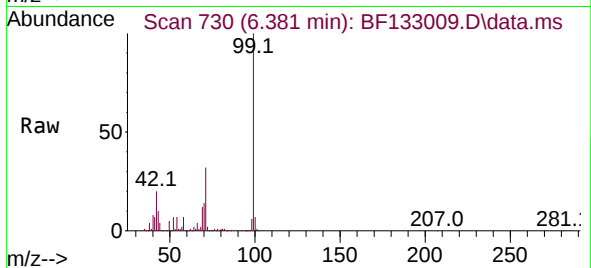
BNA_F

ClientSampleId :

FP-1

Tgt Ion: 99 Resp: 1210507

Ion	Ratio	Lower	Upper
99	100		
42	20.1	16.3	24.5
71	31.8	25.6	38.4



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.028 min Scan# 1010

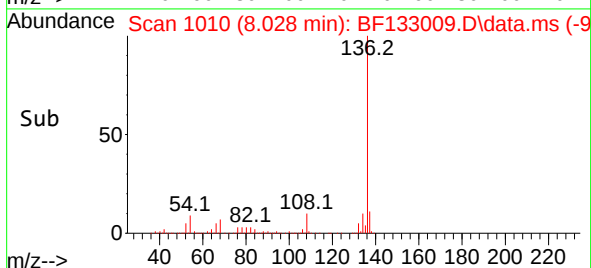
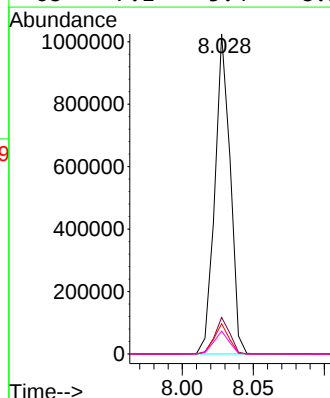
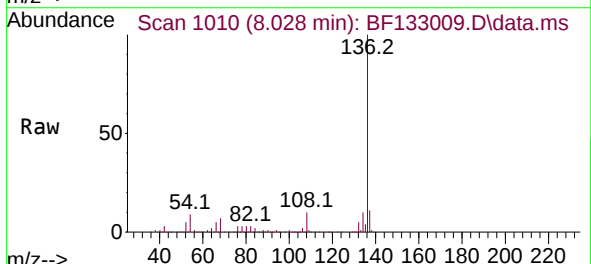
Delta R.T. -0.012 min

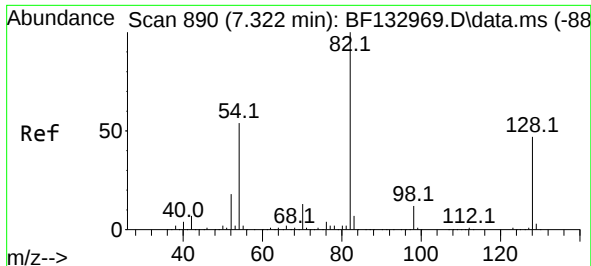
Lab File: BF133009.D

Acq: 24 Apr 2023 22:24

Tgt Ion: 136 Resp: 771211

Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.6	13.0
54	9.5	7.0	10.4
68	7.1	5.4	8.2

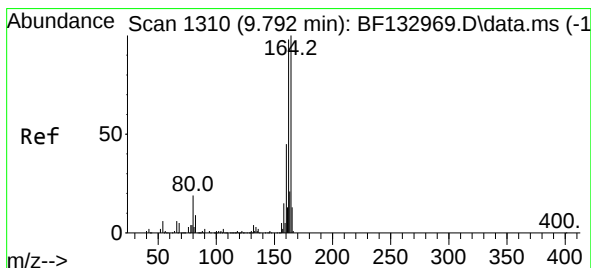
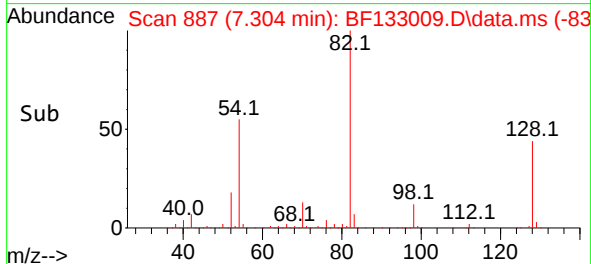
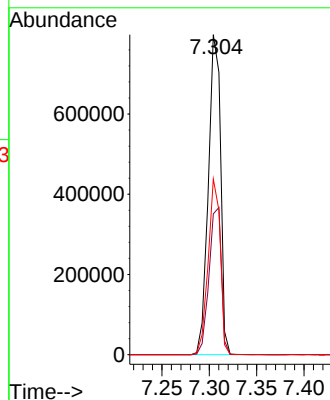
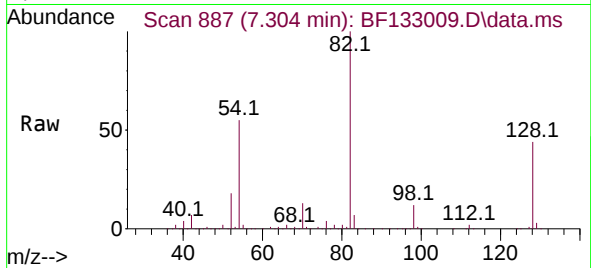




#23
 Nitrobenzene-d5
 Concen: 50.006 ng
 RT: 7.304 min Scan# 81
 Delta R.T. -0.018 min
 Lab File: BF133009.D
 Acq: 24 Apr 2023 22:24

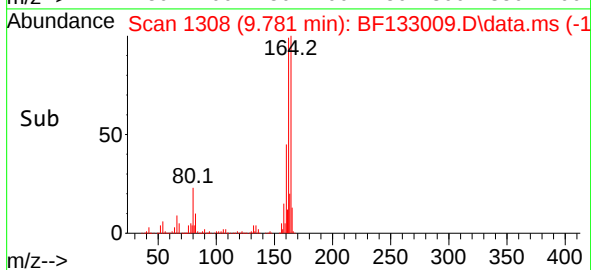
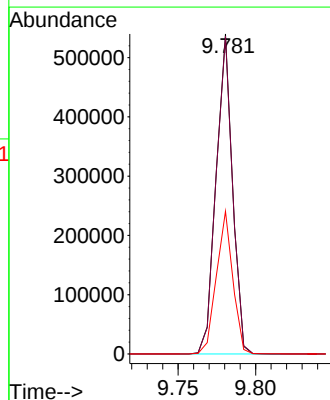
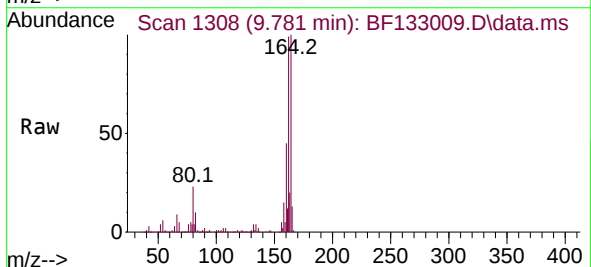
Instrument :
 BNA_F
 ClientSampleId :
 FP-1

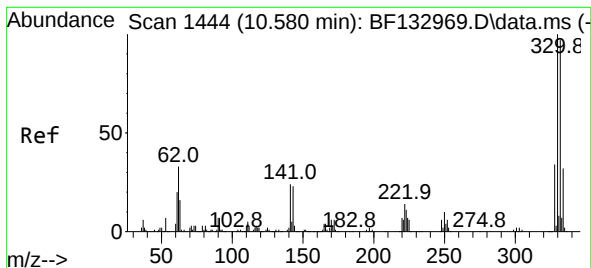
Tgt Ion: 82 Resp: 714471
 Ion Ratio Lower Upper
 82 100
 128 44.0 37.7 56.5
 54 54.9 43.0 64.4



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.781 min Scan# 1308
 Delta R.T. -0.012 min
 Lab File: BF133009.D
 Acq: 24 Apr 2023 22:24

Tgt Ion:164 Resp: 396197
 Ion Ratio Lower Upper
 164 100
 162 99.3 78.7 118.1
 160 44.6 35.8 53.6

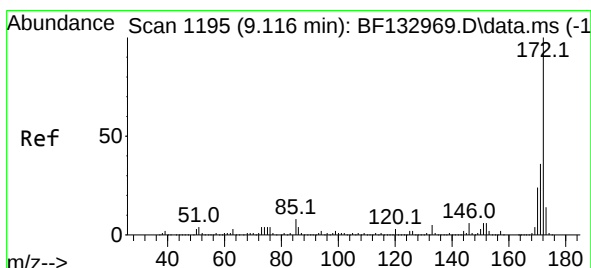
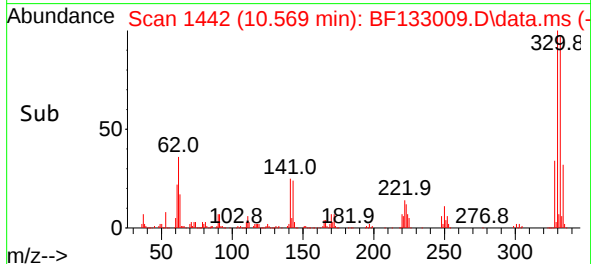
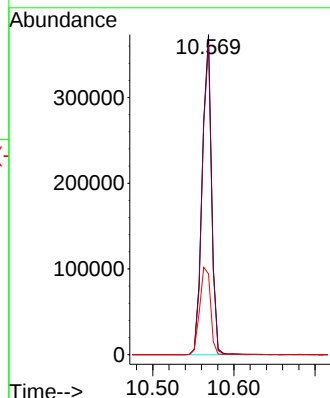
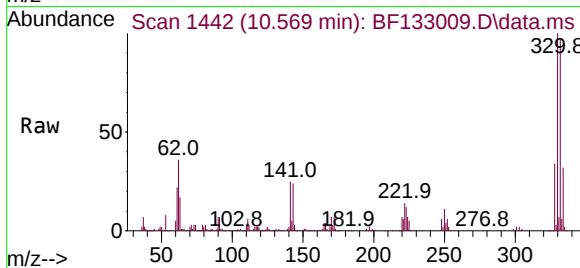




#42
2,4,6-Tribromophenol
Concen: 75.257 ng
RT: 10.569 min Scan# 1442
Delta R.T. -0.012 min
Lab File: BF133009.D
Acq: 24 Apr 2023 22:24

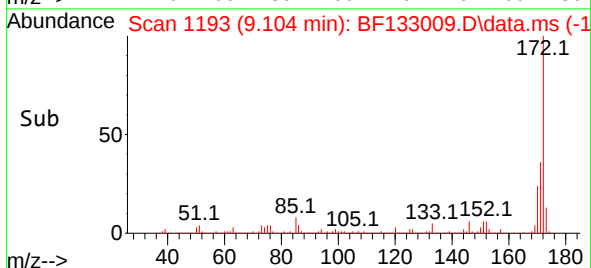
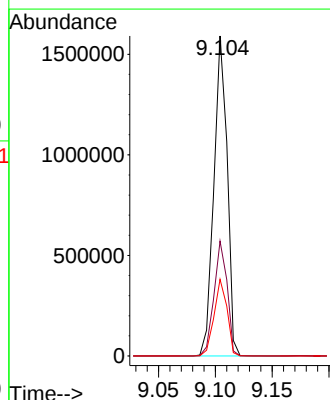
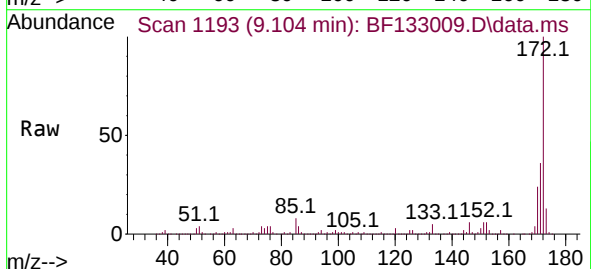
Instrument :
BNA_F
ClientSampleId :
FP-1

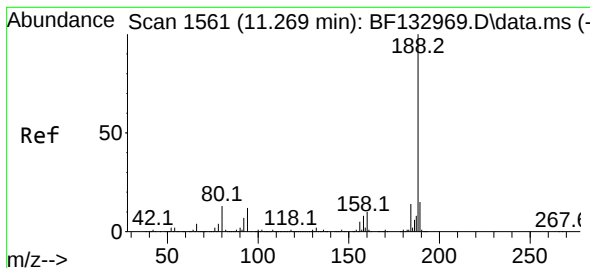
Tgt Ion:330 Resp: 299862
Ion Ratio Lower Upper
330 100
332 97.0 77.1 115.7
141 31.6 25.8 38.8



#45
2-Fluorobiphenyl
Concen: 54.478 ng
RT: 9.104 min Scan# 1193
Delta R.T. -0.012 min
Lab File: BF133009.D
Acq: 24 Apr 2023 22:24

Tgt Ion:172 Resp: 1290130
Ion Ratio Lower Upper
172 100
171 35.9 28.8 43.2
170 24.0 19.4 29.2





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.263 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF133009.D

Acq: 24 Apr 2023 22:24

Instrument :

BNA_F

ClientSampleId :

FP-1

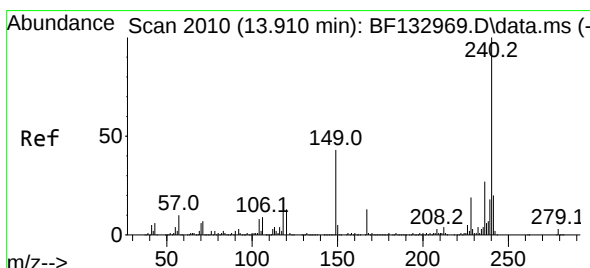
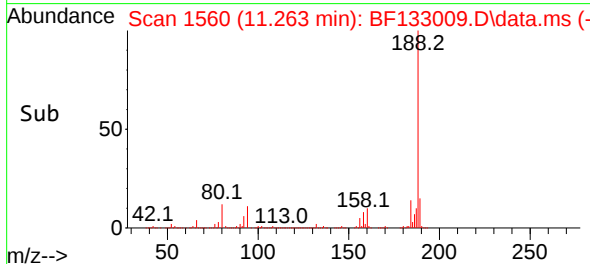
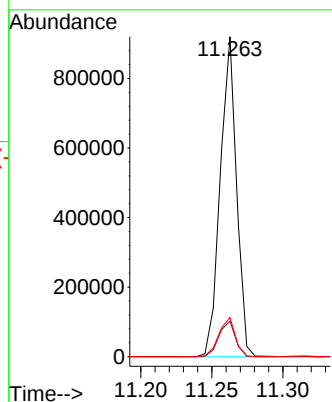
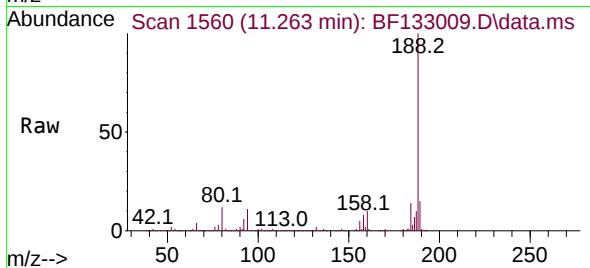
Tgt Ion:188 Resp: 733227

Ion Ratio Lower Upper

188 100

94 11.1 9.7 14.5

80 12.2 10.4 15.6



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.898 min Scan# 2008

Delta R.T. -0.012 min

Lab File: BF133009.D

Acq: 24 Apr 2023 22:24

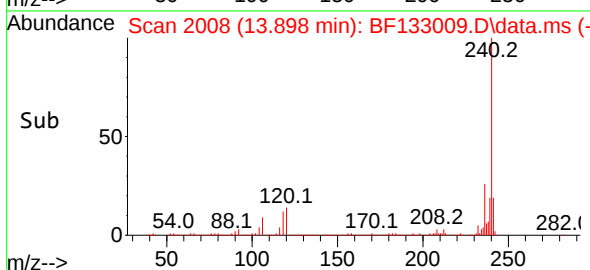
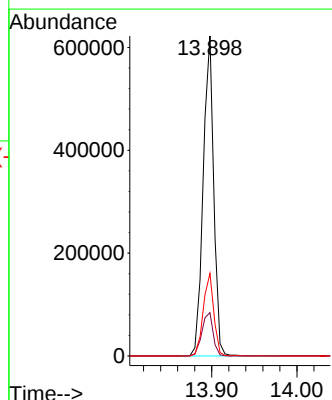
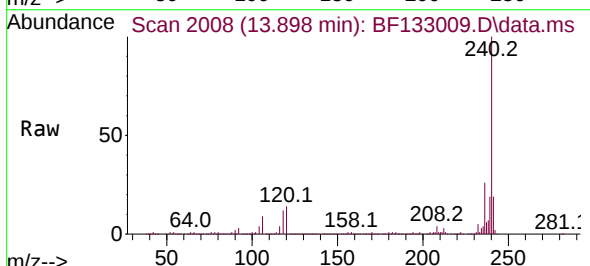
Tgt Ion:240 Resp: 534105

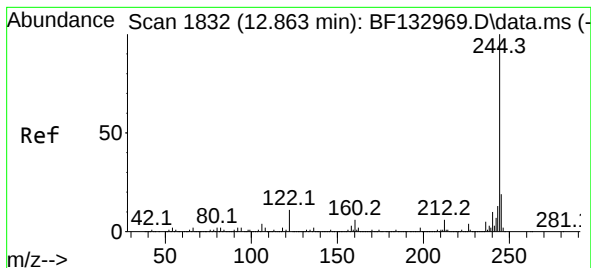
Ion Ratio Lower Upper

240 100

120 13.5 10.5 15.7

236 25.8 21.5 32.3





#79

Terphenyl-d14

Concen: 47.966 ng

RT: 12.851 min Scan# 1830

Delta R.T. -0.012 min

Lab File: BF133009.D

Acq: 24 Apr 2023 22:24

Instrument :

BNA_F

ClientSampleId :

FP-1

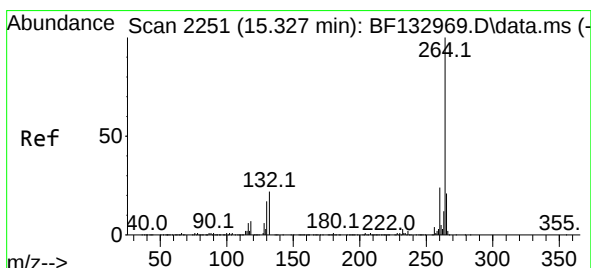
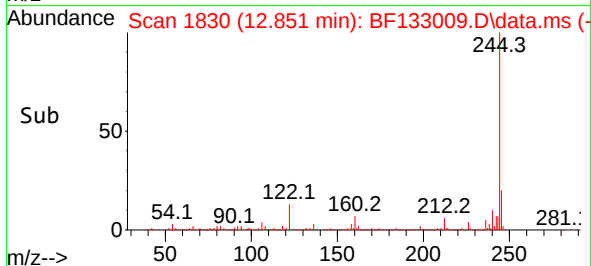
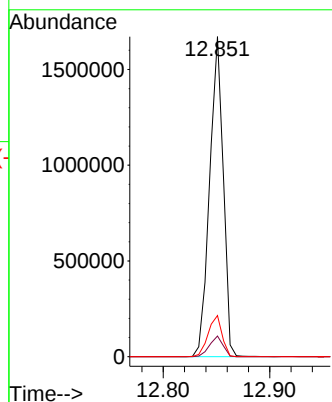
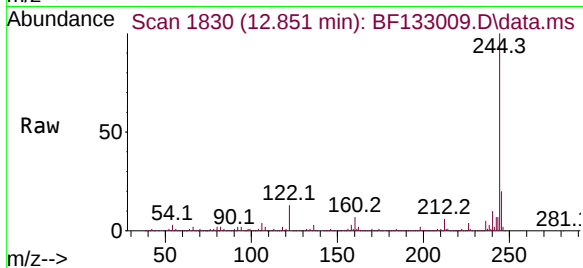
Tgt Ion:244 Resp: 1485449

Ion Ratio Lower Upper

244 100

212 6.5 5.1 7.7

122 12.8 8.6 13.0



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.321 min Scan# 2250

Delta R.T. -0.006 min

Lab File: BF133009.D

Acq: 24 Apr 2023 22:24

Tgt Ion:264 Resp: 440821

Ion Ratio Lower Upper

264 100

260 23.4 18.8 28.2

265 21.9 17.0 25.4

