

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042423\
 Data File : BF132993.D
 Acq On : 24 Apr 2023 14:03
 Operator : CG\JU
 Sample : 02415-01RE
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SAMPLE-1RE

Quant Time: Apr 24 14:25:51 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	203434	20.000	ng	0.00
21) Naphthalene-d8	8.028	136	827500	20.000	ng	-0.01
39) Acenaphthene-d10	9.780	164	407209	20.000	ng	-0.01
64) Phenanthrene-d10	11.263	188	710807	20.000	ng	0.00
76) Chrysene-d12	13.898	240	426770	20.000	ng	-0.01
86) Perylene-d12	15.321	264	399503	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.351	112	628209	46.648	ng	0.00
7) Phenol-d6	6.398	99	514446	30.777	ng	0.01
23) Nitrobenzene-d5	7.316	82	1534571	100.098	ng	0.00
42) 2,4,6-Tribromophenol	10.574	330	393788	96.157	ng	0.00
45) 2-Fluorobiphenyl	9.110	172	2477133	101.772	ng	0.00
79) Terphenyl-d14	12.857	244	2247446	90.824	ng	0.00

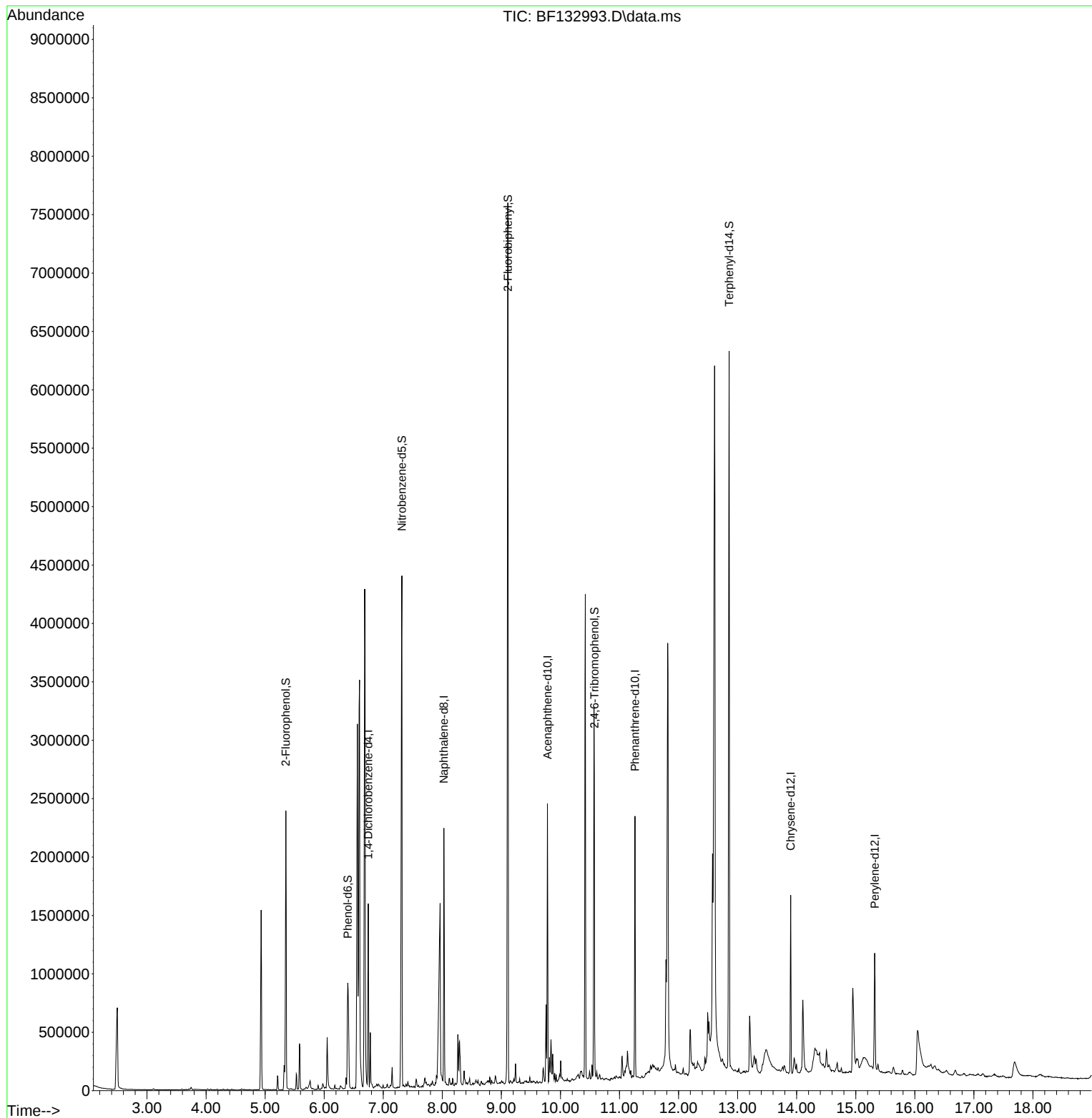
Target Compounds	Qvalue

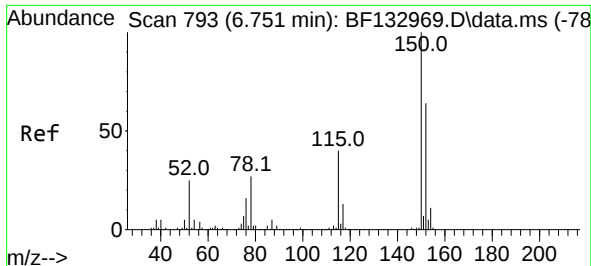
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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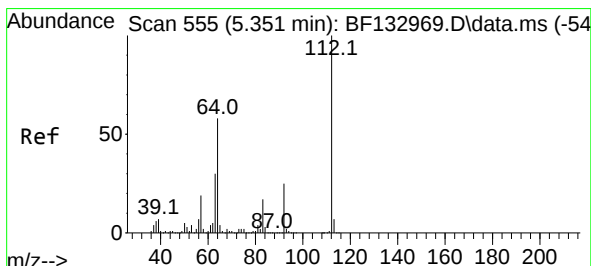
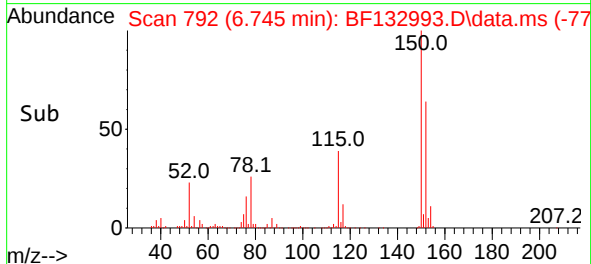
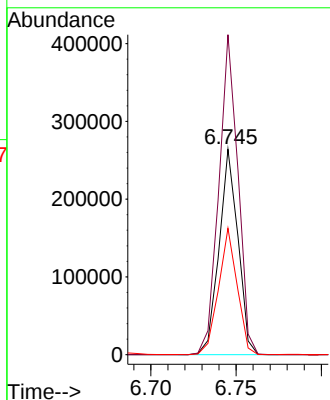
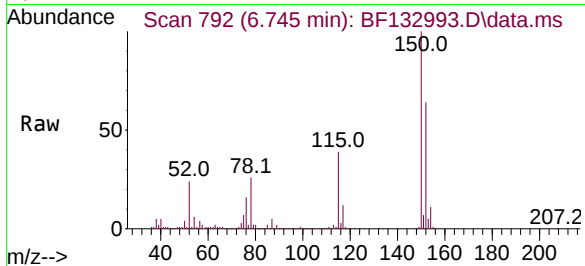




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.745 min Scan# 793
Delta R.T. -0.006 min
Lab File: BF132993.D
Acq: 24 Apr 2023 14:03

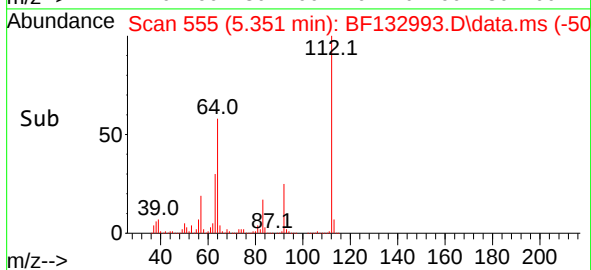
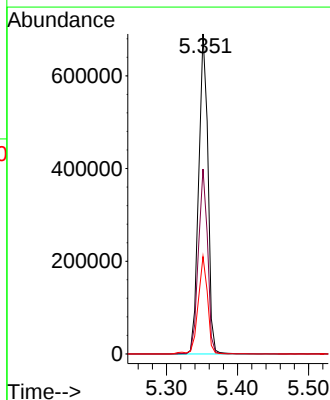
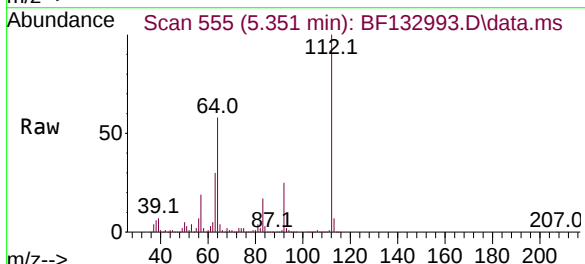
Instrument :
BNA_F
ClientSampleId :
SAMPLE-1RE

Tgt Ion:152 Resp: 203434
Ion Ratio Lower Upper
152 100
150 155.7 124.8 187.2
115 61.5 49.9 74.9



#5
2-Fluorophenol
Concen: 46.648 ng
RT: 5.351 min Scan# 555
Delta R.T. -0.000 min
Lab File: BF132993.D
Acq: 24 Apr 2023 14:03

Tgt Ion:112 Resp: 628209
Ion Ratio Lower Upper
112 100
64 57.8 46.8 70.2
63 30.5 23.8 35.8

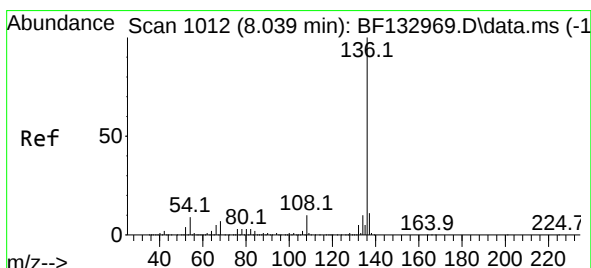
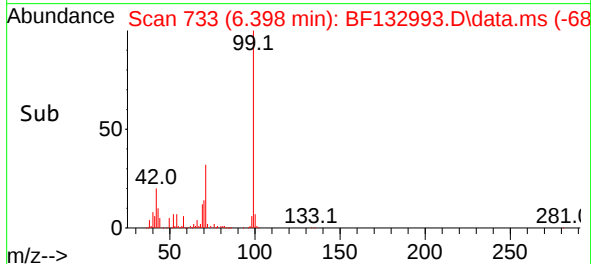
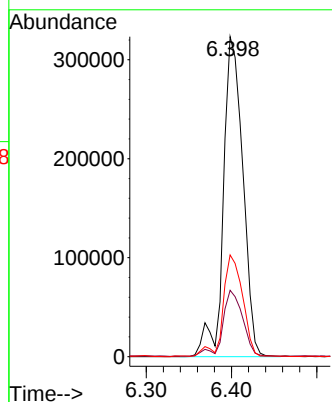
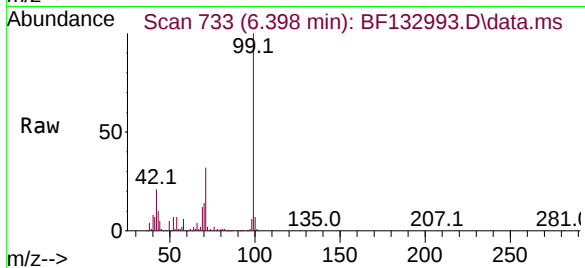




#7
Phenol-d6
Concen: 30.777 ng
RT: 6.398 min Scan# 71
Delta R.T. 0.012 min
Lab File: BF132993.D
Acq: 24 Apr 2023 14:03

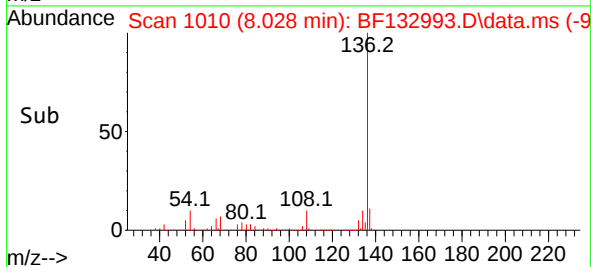
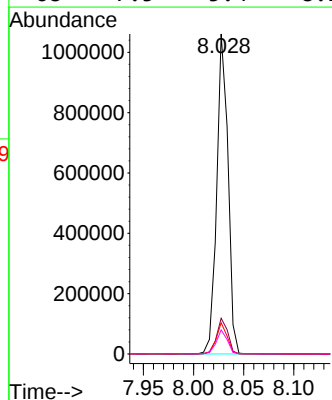
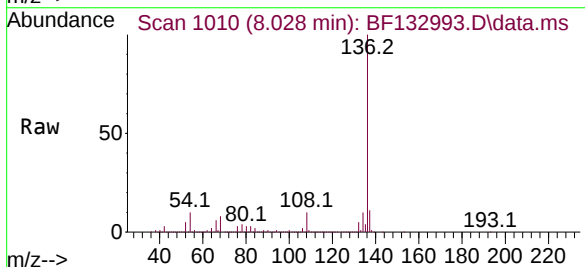
Instrument :
BNA_F
ClientSampleId :
SAMPLE-1RE

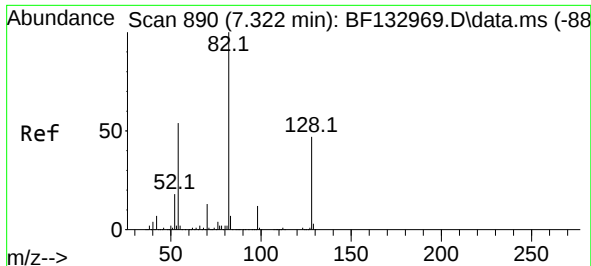
Tgt Ion: 99 Resp: 514446
Ion Ratio Lower Upper
99 100
42 20.8 16.3 24.5
71 31.8 25.6 38.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.028 min Scan# 1010
Delta R.T. -0.012 min
Lab File: BF132993.D
Acq: 24 Apr 2023 14:03

Tgt Ion: 136 Resp: 827500
Ion Ratio Lower Upper
136 100
137 11.2 8.6 13.0
54 9.8 7.0 10.4
68 7.5 5.4 8.2





#23

Nitrobenzene-d5

Concen: 100.098 ng

RT: 7.316 min Scan# 81

Delta R.T. -0.006 min

Lab File: BF132993.D

Acq: 24 Apr 2023 14:03

Instrument :

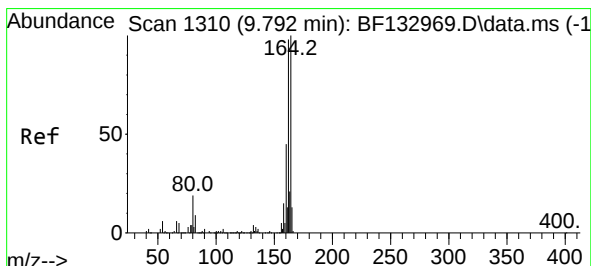
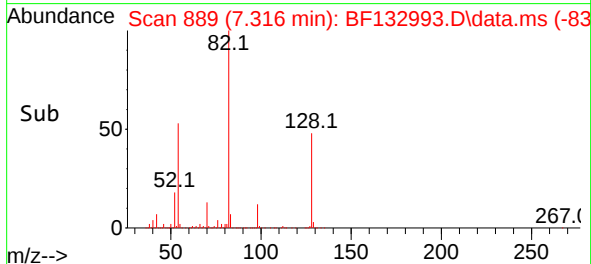
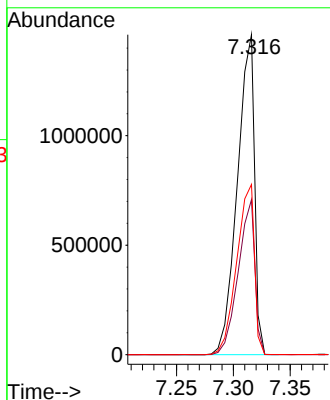
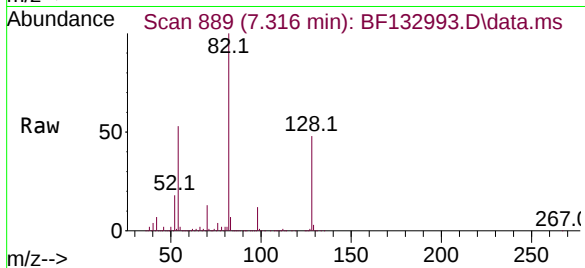
BNA_F

ClientSampleId :

SAMPLE-1RE

Tgt Ion: 82 Resp: 1534571

Ion	Ratio	Lower	Upper
82	100		
128	48.4	37.7	56.5
54	53.2	43.0	64.4



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.780 min Scan# 1308

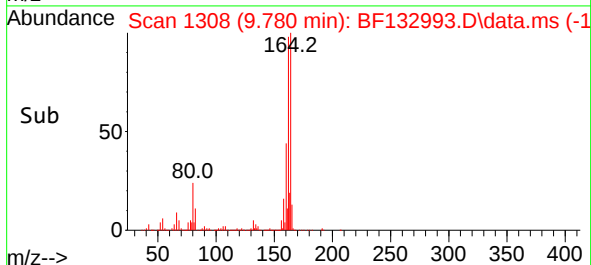
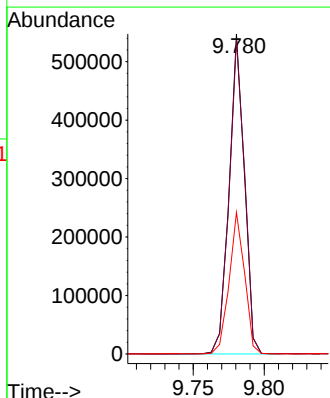
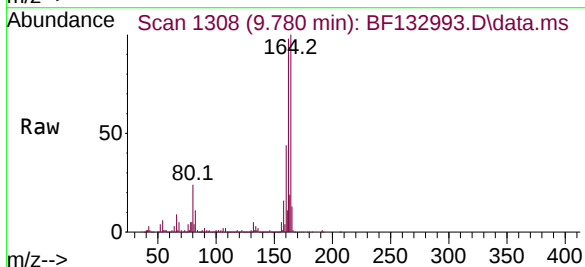
Delta R.T. -0.012 min

Lab File: BF132993.D

Acq: 24 Apr 2023 14:03

Tgt Ion:164 Resp: 407209

Ion	Ratio	Lower	Upper
164	100		
162	98.2	78.7	118.1
160	44.3	35.8	53.6





#42

2,4,6-Tribromophenol

Concen: 96.157 ng

RT: 10.574 min Scan# 1444

Delta R.T. -0.006 min

Lab File: BF132993.D

Acq: 24 Apr 2023 14:03

Instrument :

BNA_F

ClientSampleId :

SAMPLE-1RE

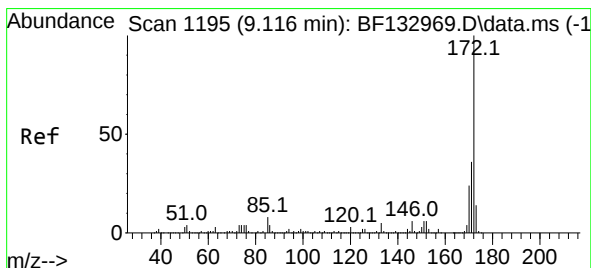
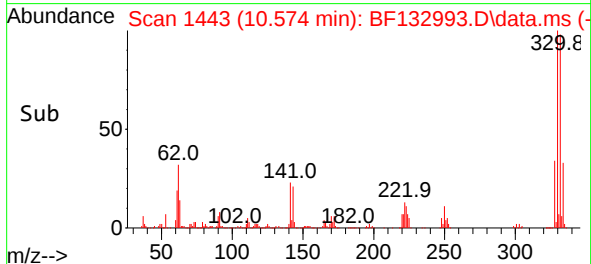
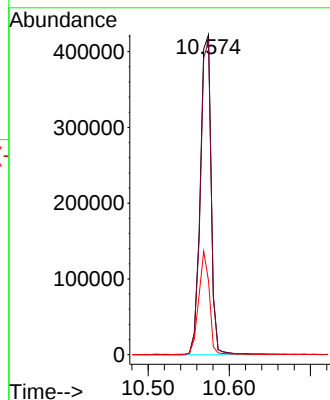
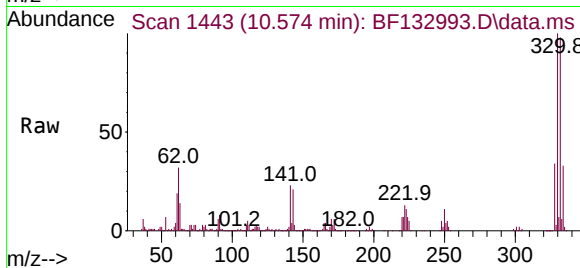
Tgt Ion:330 Resp: 393788

Ion Ratio Lower Upper

330 100

332 97.5 77.1 115.7

141 31.7 25.8 38.8



#45

2-Fluorobiphenyl

Concen: 101.772 ng

RT: 9.110 min Scan# 1194

Delta R.T. -0.006 min

Lab File: BF132993.D

Acq: 24 Apr 2023 14:03

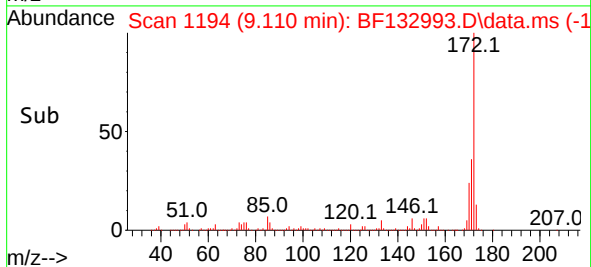
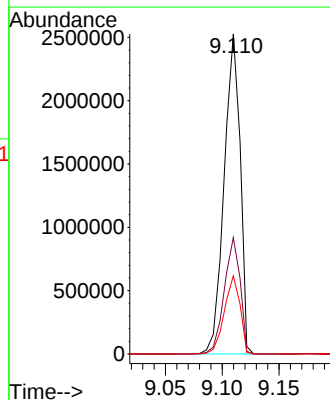
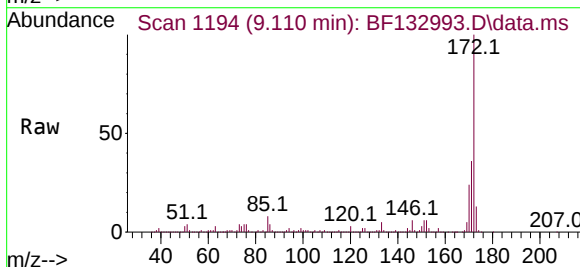
Tgt Ion:172 Resp: 2477133

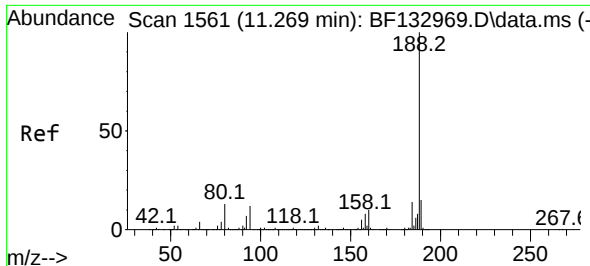
Ion Ratio Lower Upper

172 100

171 36.3 28.8 43.2

170 24.4 19.4 29.2

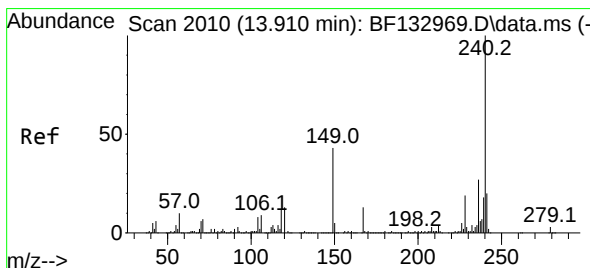
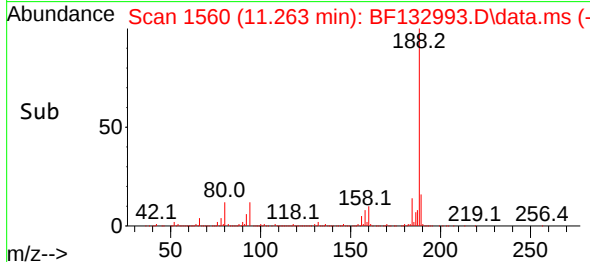
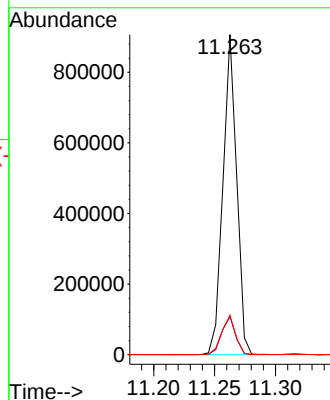
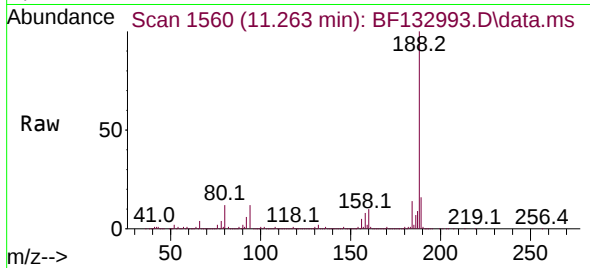




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.263 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF132993.D
Acq: 24 Apr 2023 14:03

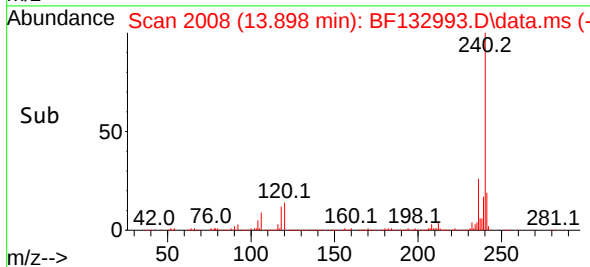
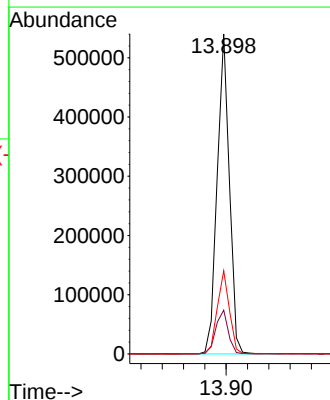
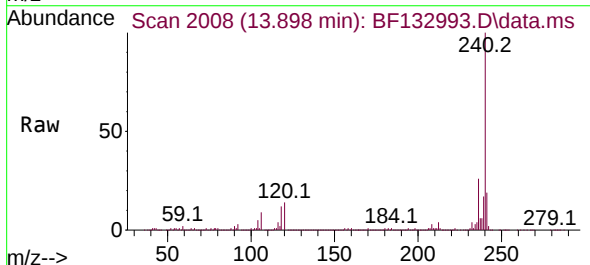
Instrument :
BNA_F
ClientSampleId :
SAMPLE-1RE

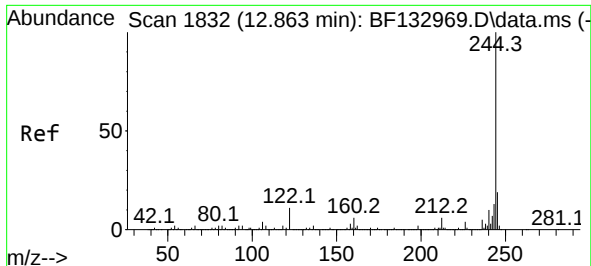
Tgt Ion:188 Resp: 710807
Ion Ratio Lower Upper
188 100
94 11.9 9.7 14.5
80 12.3 10.4 15.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.898 min Scan# 2008
Delta R.T. -0.012 min
Lab File: BF132993.D
Acq: 24 Apr 2023 14:03

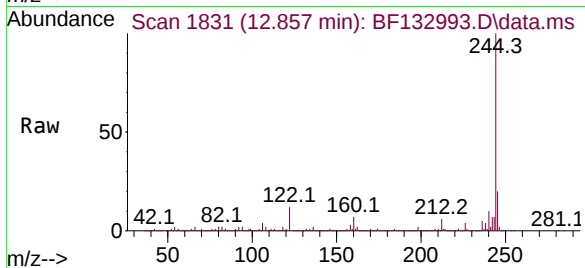
Tgt Ion:240 Resp: 426770
Ion Ratio Lower Upper
240 100
120 13.7 10.5 15.7
236 26.0 21.5 32.3



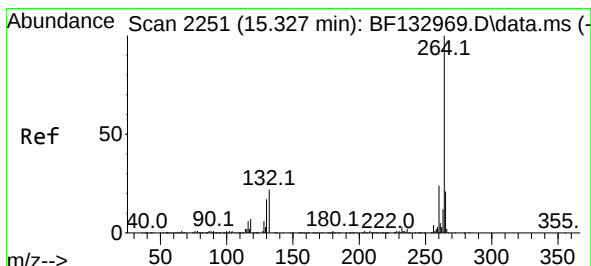
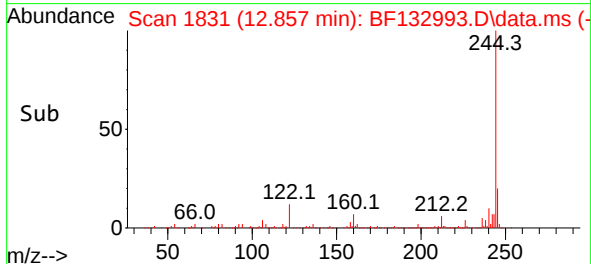
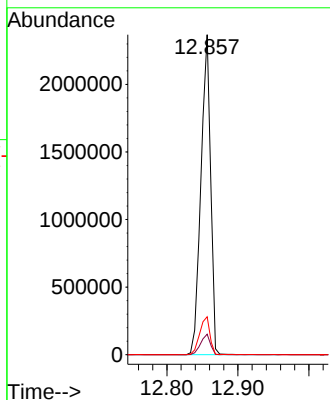


#79
 Terphenyl-d14
 Concen: 90.824 ng
 RT: 12.857 min Scan# 1831
 Delta R.T. -0.006 min
 Lab File: BF132993.D
 Acq: 24 Apr 2023 14:03

Instrument :
 BNA_F
 ClientSampleId :
 SAMPLE-1RE



Tgt Ion:244 Resp: 2247446
 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: 15.321 min Scan# 2250
 Delta R.T. -0.006 min
 Lab File: BF132993.D
 Acq: 24 Apr 2023 14:03

Tgt Ion:264 Resp: 399503
 Ion Ratio Lower Upper
 264 100
 260 23.9 18.8 28.2
 265 21.3 17.0 25.4

