

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF090424\
 Data File : BF139234.D
 Acq On : 04 Sep 2024 11:39
 Operator : RC/JU
 Sample : SSTDICC2.5
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC2.5

Quant Time: Sep 04 15:44:05 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF090424.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 04 15:37:35 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.887	152	125837	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	474167	20.000	ng	0.00
39) Acenaphthene-d10	9.928	164	259087	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	477602	20.000	ng	0.00
76) Chrysene-d12	14.051	240	255513	20.000	ng	0.00
86) Perylene-d12	15.527	264	197810	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	0.000	112	0d	0.000	ng	
7) Phenol-d6	0.000	99	0d	0.000	ng	
23) Nitrobenzene-d5	7.445	82	43993	4.803	ng	0.00
42) 2,4,6-Tribromophenol	0.000	330	0d	0.000	ng	
45) 2-Fluorobiphenyl	0.000	172	0d	0.000	ng	
79) Terphenyl-d14	0.000	244	0d	0.000	ng	

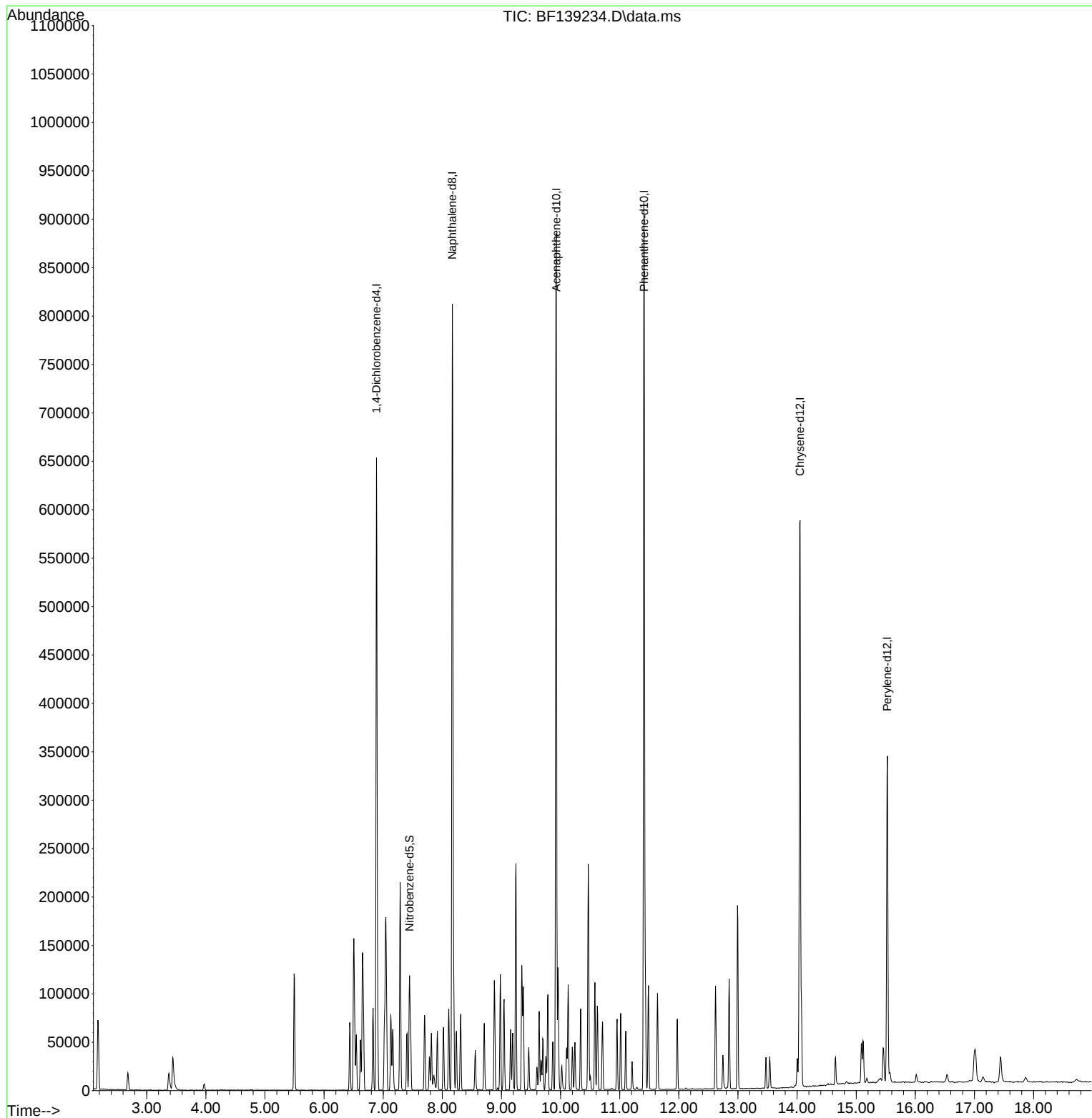
Target Compounds	Qvalue

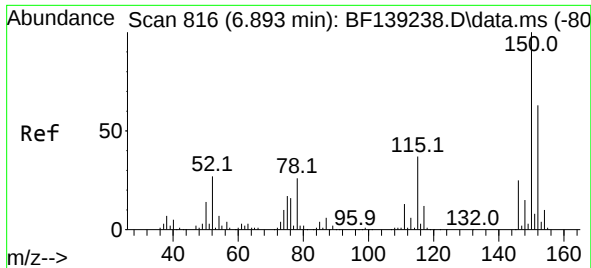
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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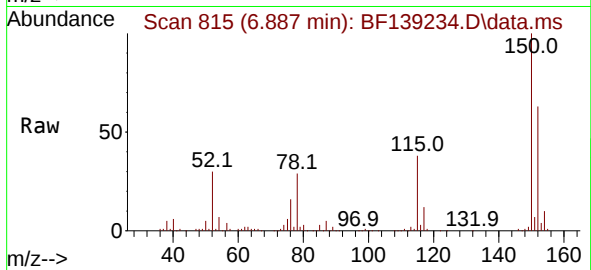
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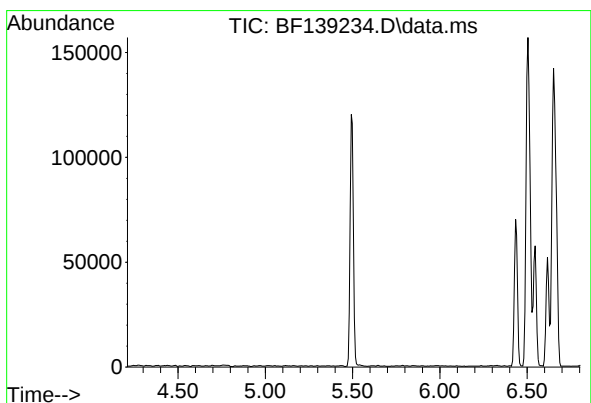
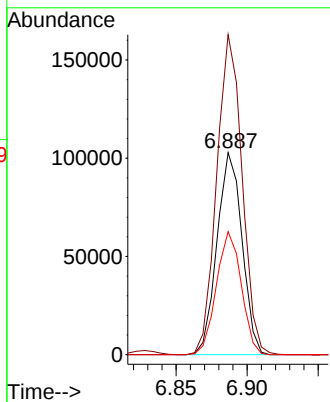
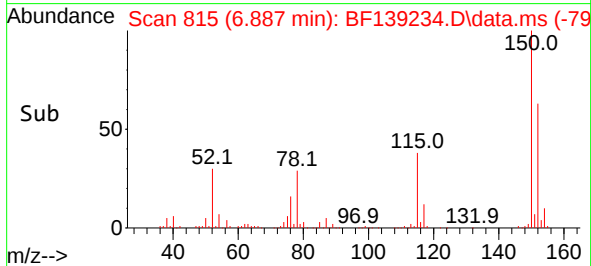
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.887 min Scan# 81
 Delta R.T. -0.006 min
 Lab File: BF139234.D
 Acq: 04 Sep 2024 11:39

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC2.5



Tgt Ion:152 Resp: 125837

Ion	Ratio	Lower	Upper
152	100		
150	158.4	127.0	190.4
115	60.9	46.9	70.3

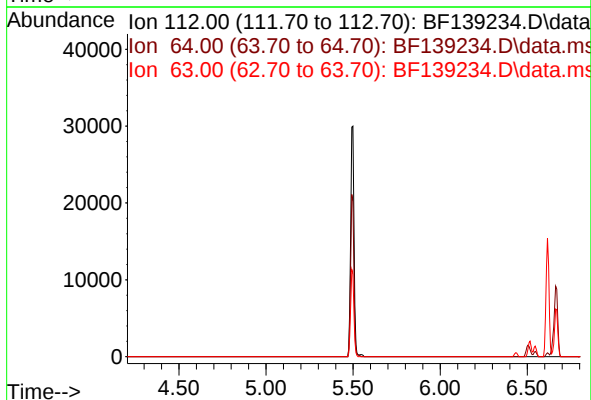


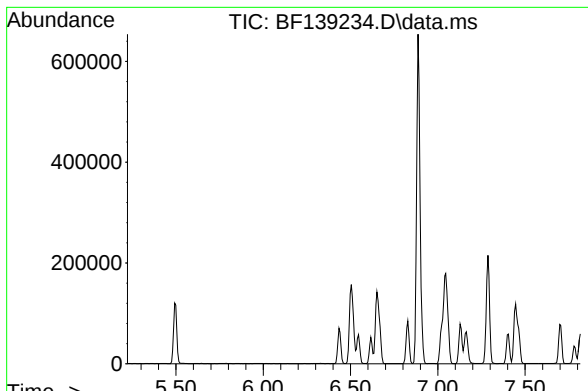
#5
 2-Fluorophenol
 Concen: 0.000 ng
 Expected RT: 5.50 min

Lab File: BF139234.D
 Acq: 04 Sep 2024 11:39

Tgt Ion: 112

Sig	Exp Ratio
112	100
64	68.7
63	37.4



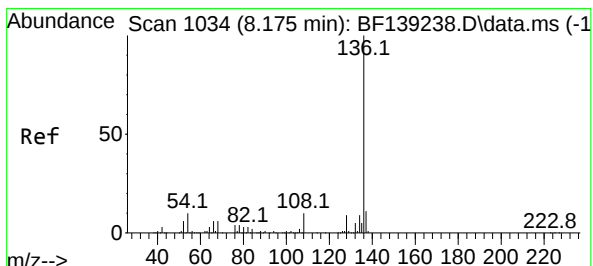
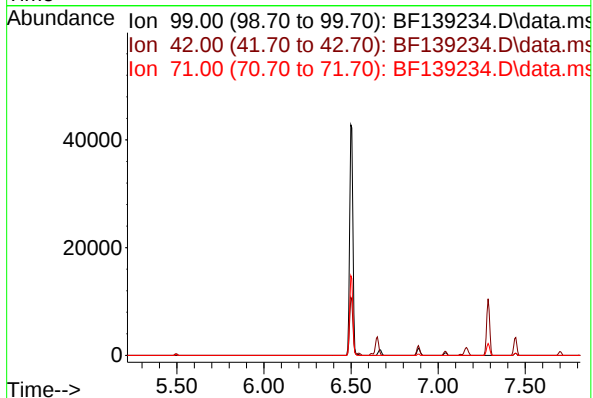


#7
 Phenol-d6
 Concen: 0.000 ng
 Expected RT: 6.52 min
 Lab File: BF139234.D
 Acq: 04 Sep 2024 11:39

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC2.5

Tgt Ion: 99

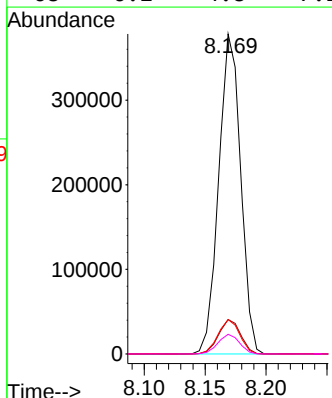
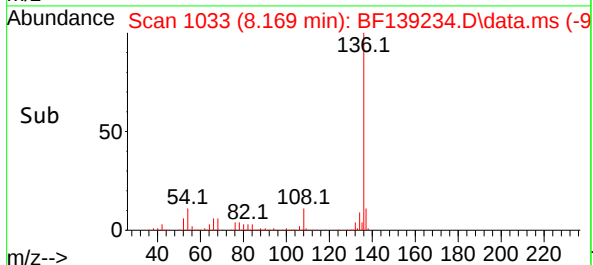
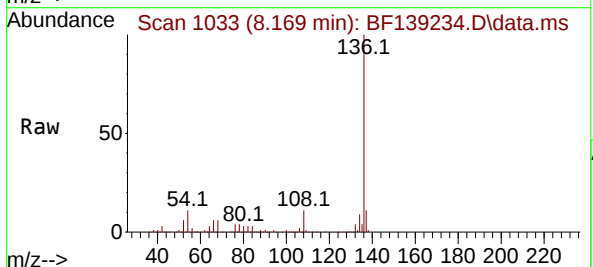
Sig	Exp Ratio
99	100
42	24.7
71	36.0

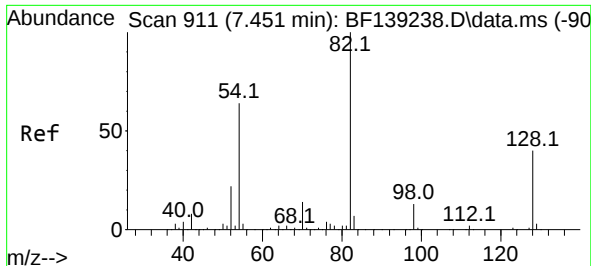


#21
 Naphthalene-d8
 Concen: 20.000 ng
 RT: 8.169 min Scan# 1033
 Delta R.T. -0.006 min
 Lab File: BF139234.D
 Acq: 04 Sep 2024 11:39

Tgt Ion: 136 Resp: 474167

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.6	13.0
54	10.8	8.4	12.6
68	6.2	4.8	7.2





#23

Nitrobenzene-d5

Concen: 4.803 ng

RT: 7.445 min Scan# 911

Delta R.T. -0.006 min

Lab File: BF139234.D

Acq: 04 Sep 2024 11:39

Instrument :

BNA_F

ClientSampleId :

SSTDICC2.5

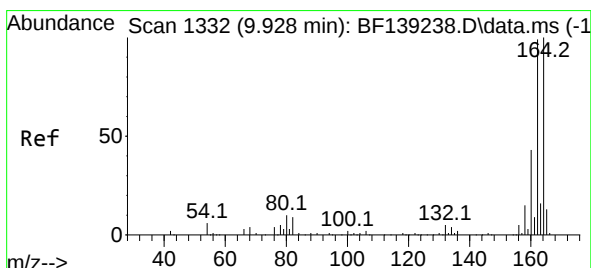
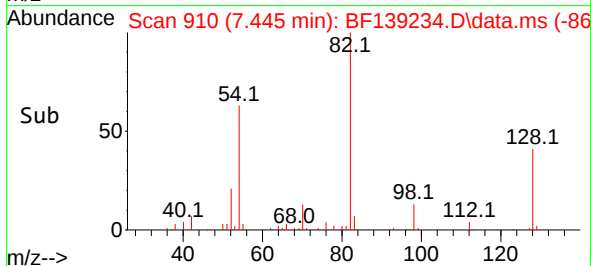
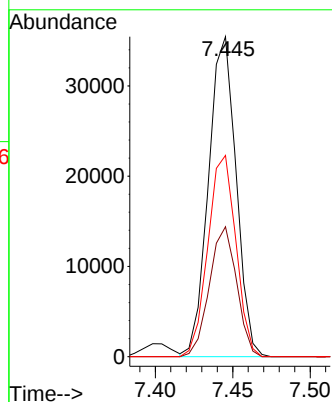
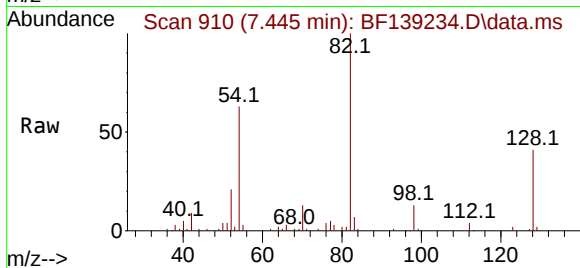
Tgt Ion: 82 Resp: 43993

Ion Ratio Lower Upper

82 100

128 40.6 32.3 48.5

54 62.9 51.2 76.8



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.928 min Scan# 1332

Delta R.T. -0.000 min

Lab File: BF139234.D

Acq: 04 Sep 2024 11:39

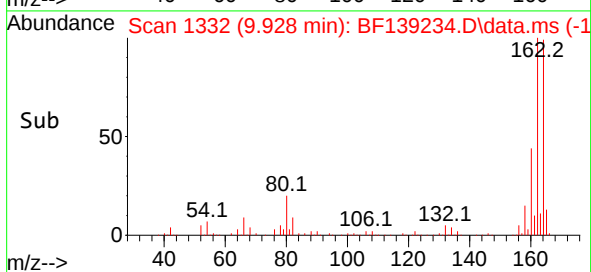
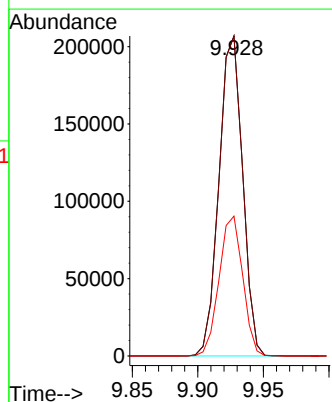
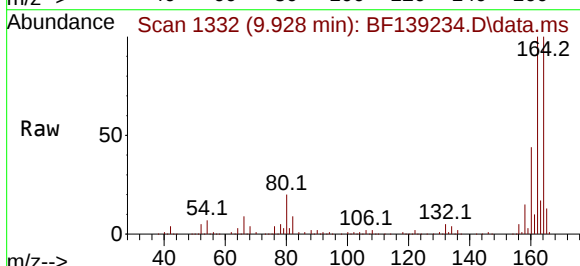
Tgt Ion:164 Resp: 259087

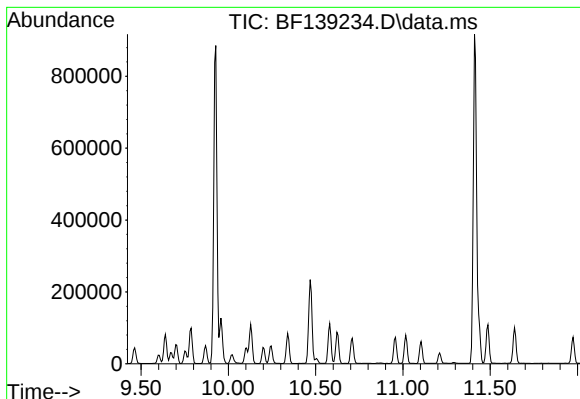
Ion Ratio Lower Upper

164 100

162 100.0 79.2 118.8

160 43.7 34.2 51.2

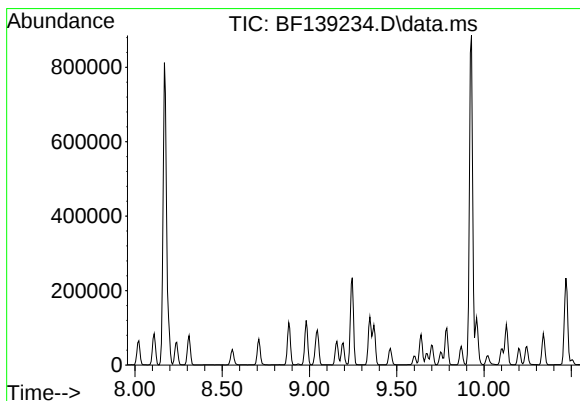
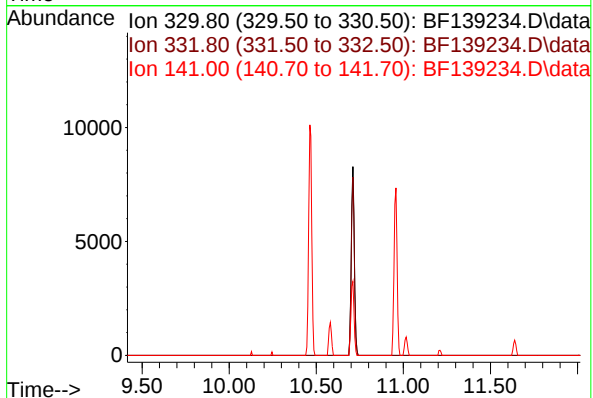




#42
 2,4,6-Tribromophenol
 Concen: 0.000 ng
 Expected RT: 10.72 min
 Lab File: BF139234.D
 Acq: 04 Sep 2024 11:39

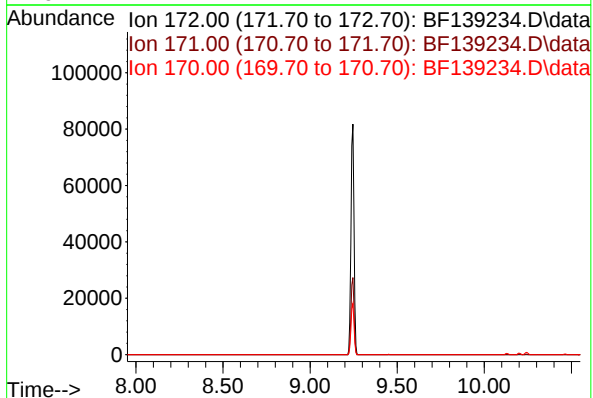
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC2.5

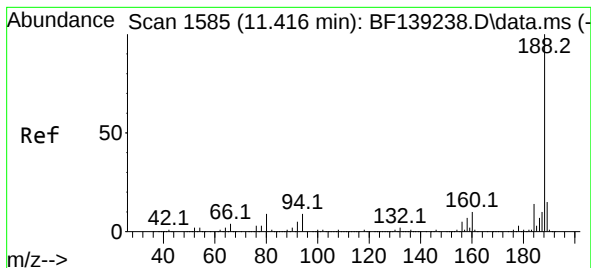
Tgt Ion: 330
 Sig Exp Ratio
 330 100
 332 95.8
 141 37.6



#45
 2-Fluorobiphenyl
 Concen: 0.000 ng
 Expected RT: 9.25 min
 Lab File: BF139234.D
 Acq: 04 Sep 2024 11:39

Tgt Ion: 172
 Sig Exp Ratio
 172 100
 171 35.4
 170 23.4





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.410 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF139234.D

Acq: 04 Sep 2024 11:39

Instrument :

BNA_F

ClientSampleId :

SSTDICC2.5

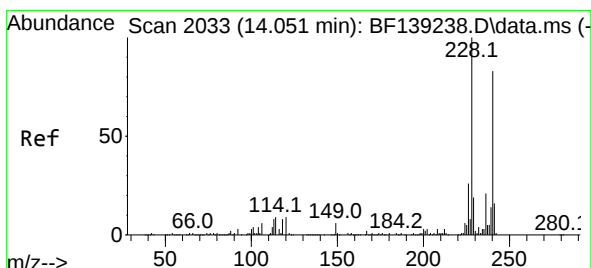
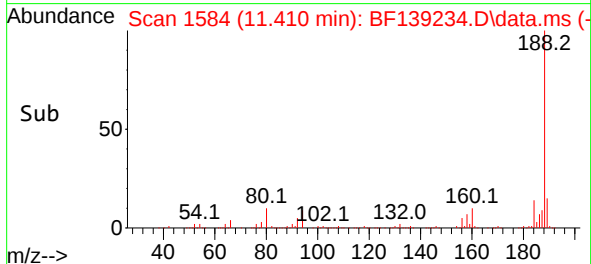
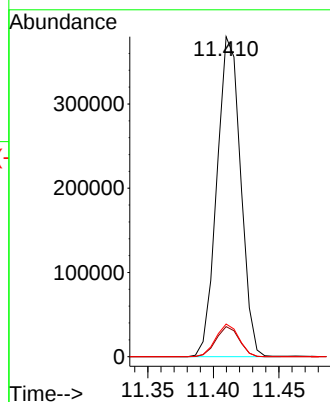
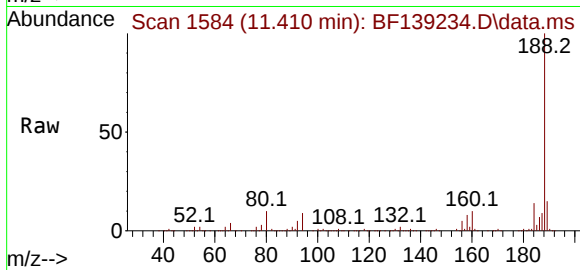
Tgt Ion:188 Resp: 477602

Ion Ratio Lower Upper

188 100

94 9.4 7.0 10.4

80 10.2 7.3 10.9



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.051 min Scan# 2033

Delta R.T. -0.000 min

Lab File: BF139234.D

Acq: 04 Sep 2024 11:39

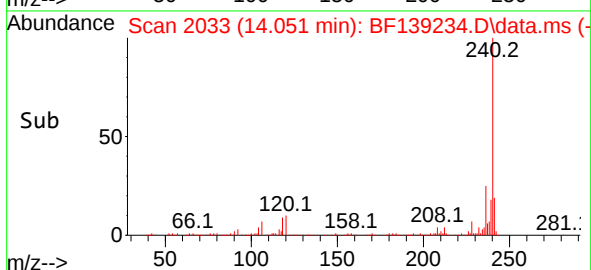
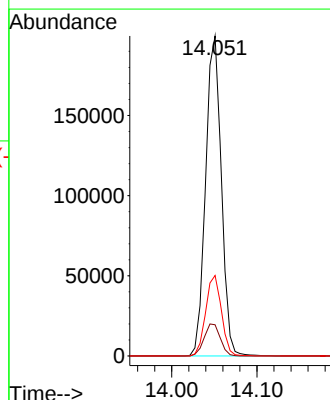
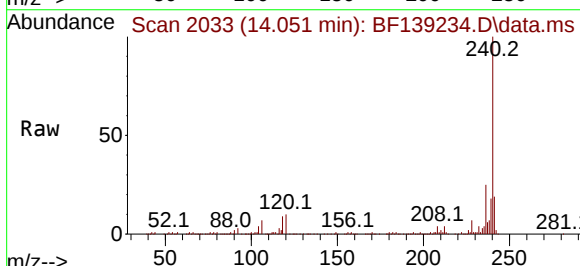
Tgt Ion:240 Resp: 255513

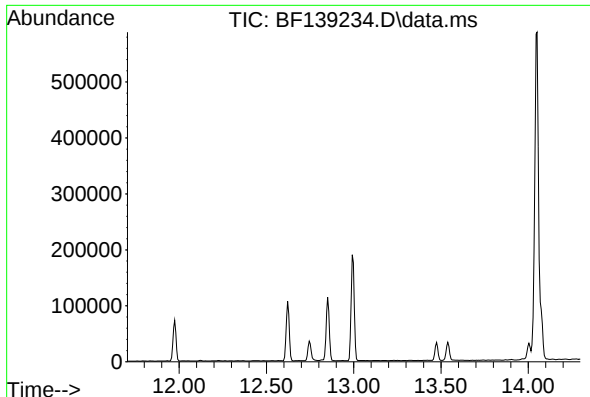
Ion Ratio Lower Upper

240 100

120 9.8 8.6 12.8

236 25.2 20.7 31.1



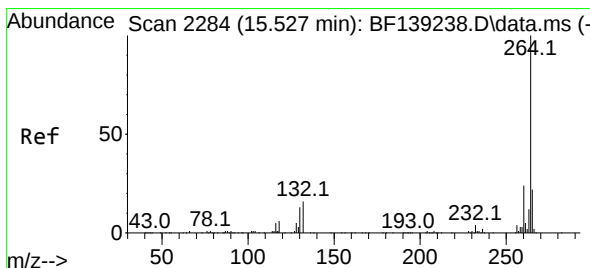
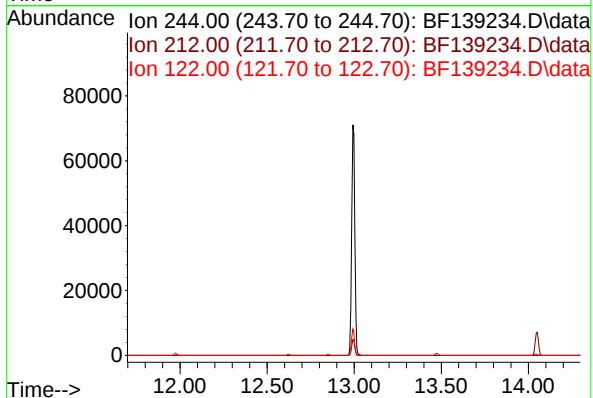


#79
 Terphenyl-d14
 Concen: 0.000 ng
 Expected RT: 13.00 min
 Lab File: BF139234.D
 Acq: 04 Sep 2024 11:39

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC2.5

Tgt Ion: 244

Sig	Exp Ratio
244	100
212	7.4
122	10.9



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.527 min Scan# 2284
 Delta R.T. -0.000 min
 Lab File: BF139234.D
 Acq: 04 Sep 2024 11:39

Tgt Ion: 264 Resp: 197810

Ion	Ratio	Lower	Upper
264	100		
260	23.7	18.8	28.2
265	22.2	17.3	25.9

