

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120523\
 Data File : BF136402.D
 Acq On : 05 Dec 2023 12:56
 Operator : CG\JU
 Sample : SSTDICC2.5
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC2.5

Quant Time: Dec 06 09:26:54 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF120523.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 05 18:10:13 2023
 Response via : Initial Calibration

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

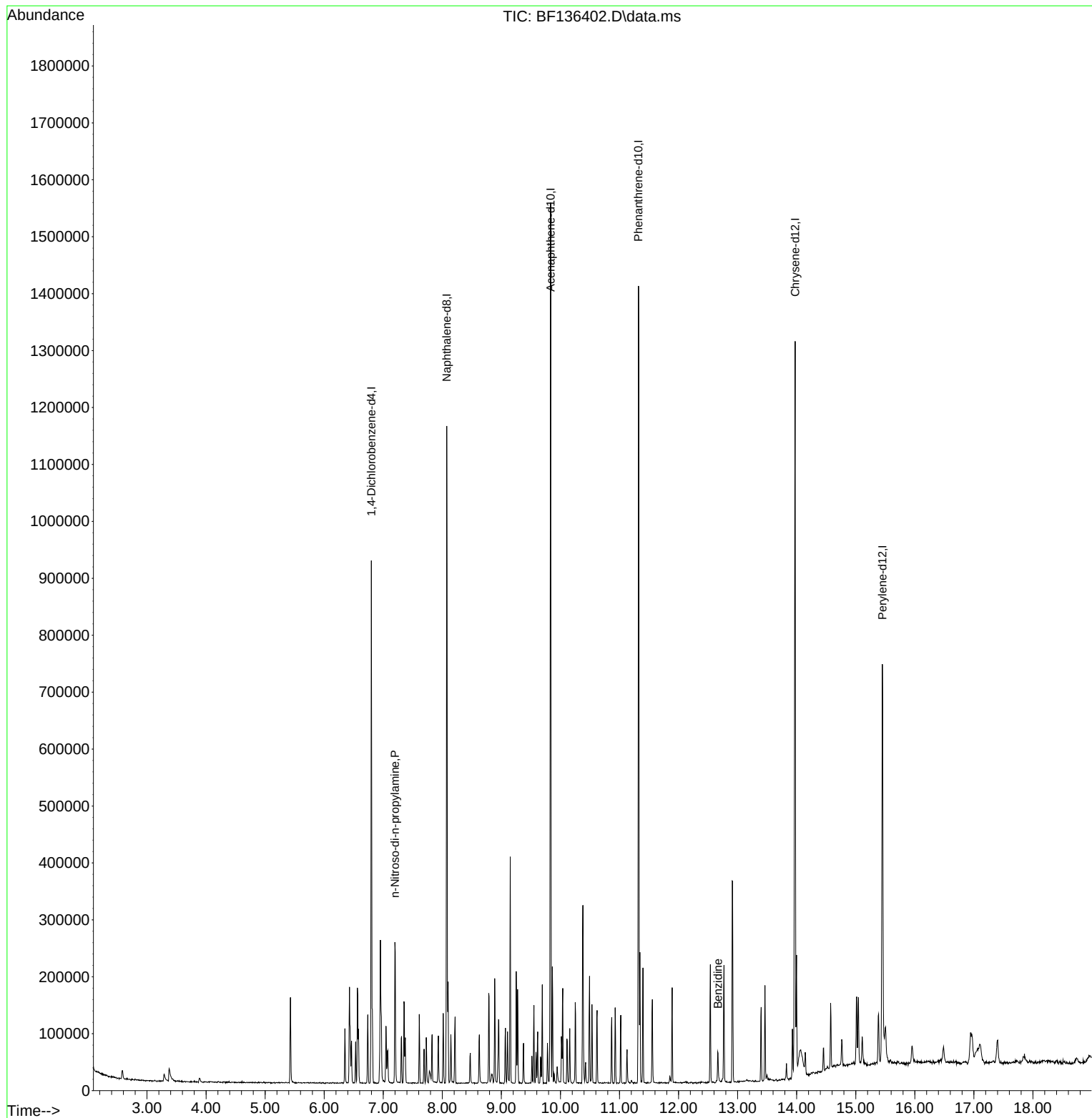
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.798	152	121825	20.000	ng	0.00
21) Naphthalene-d8	8.075	136	506147	20.000	ng	0.00
39) Acenaphthene-d10	9.833	164	271106	20.000	ng	0.00
64) Phenanthrene-d10	11.322	188	526751	20.000	ng	0.00
76) Chrysene-d12	13.974	240	392058	20.000	ng	0.00
86) Perylene-d12	15.451	264	321957	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	0.000	82	0d	0.000	ng	
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						
19) n-Nitroso-di-n-propyla...	7.198	70	14426	2.430	ng	Qvalue 96
77) Benzidine	12.669	184	28652	3.916	ng	99

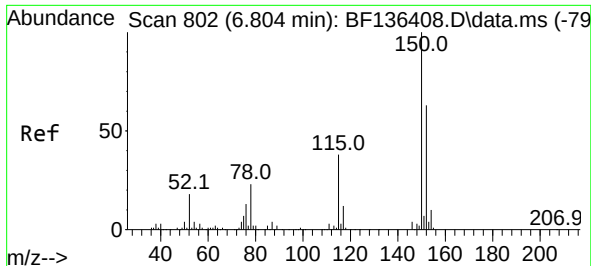
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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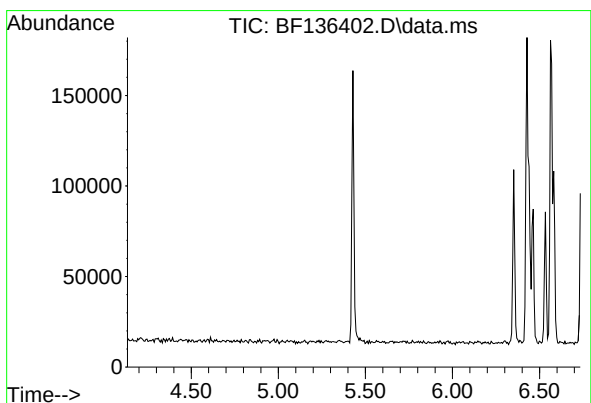
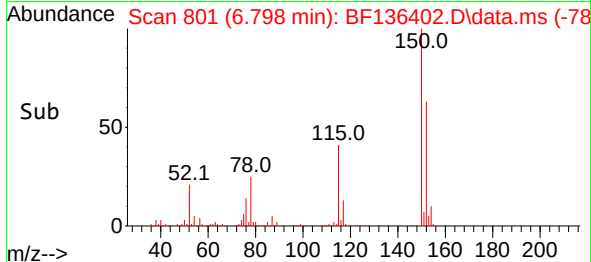
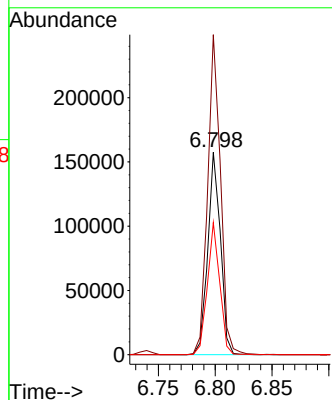
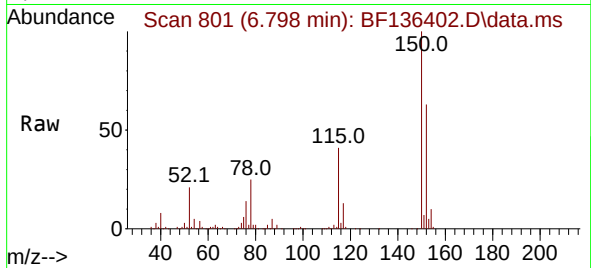




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.798 min Scan# 80
 Delta R.T. -0.006 min
 Lab File: BF136402.D
 Acq: 05 Dec 2023 12:56

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC2.5

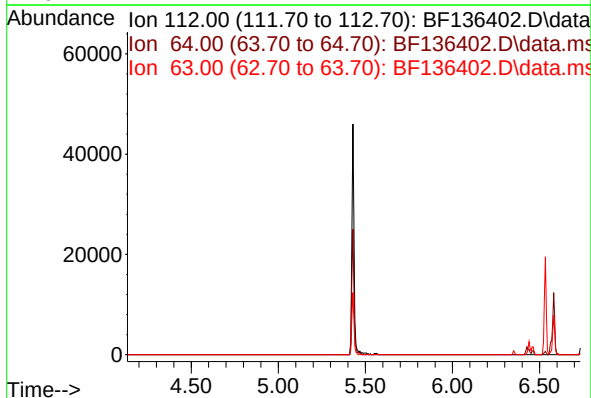
Tgt Ion:152 Resp: 121825
 Ion Ratio Lower Upper
 152 100
 150 158.0 126.4 189.6
 115 65.2 48.2 72.4



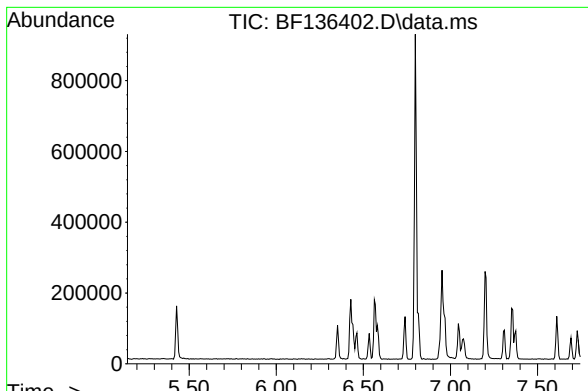
#5
 2-Fluorophenol
 Concen: 0.000 ng
 Expected RT: 5.43 min

Lab File: BF136402.D
 Acq: 05 Dec 2023 12:56

Tgt Ion: 112
 Sig Exp Ratio
 112 100
 64 58.1
 63 29.9



Ion 64.00 (63.70 to 64.70): BF136402.D\data.ms
 Ion 63.00 (62.70 to 63.70): BF136402.D\data.ms

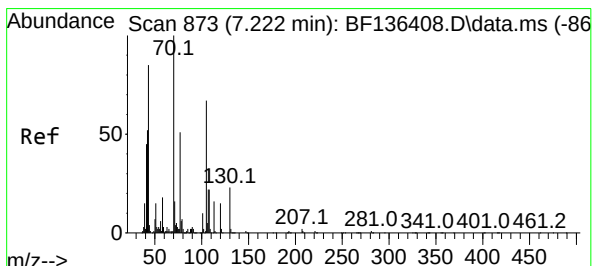
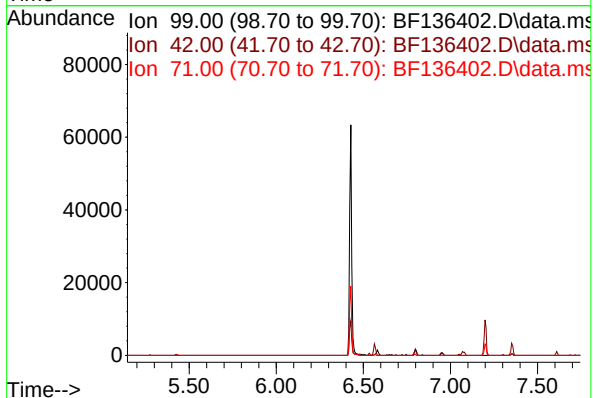


#7
 Phenol-d6
 Concen: 0.000 ng
 Expected RT: 6.45 min
 Lab File: BF136402.D
 Acq: 05 Dec 2023 12:56

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC2.5

Tgt Ion: 99

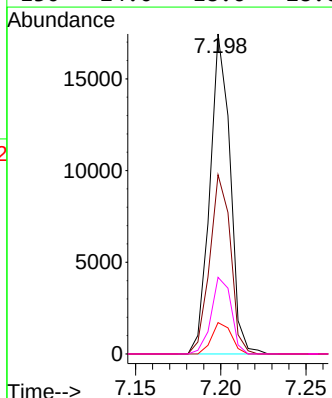
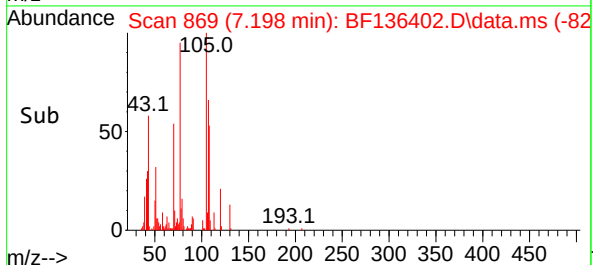
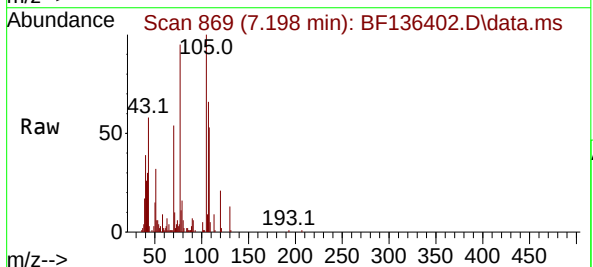
Sig	Exp Ratio
99	100
42	16.0
71	33.7

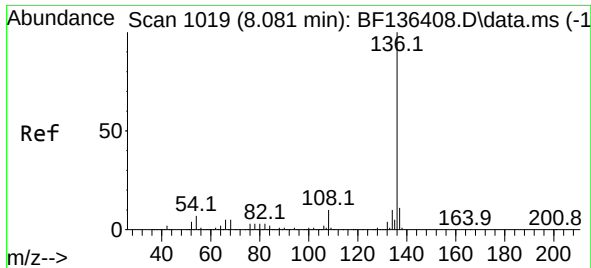


#19
 n-Nitroso-di-n-propylamine
 Concen: 2.430 ng
 RT: 7.198 min Scan# 869
 Delta R.T. -0.024 min
 Lab File: BF136402.D
 Acq: 05 Dec 2023 12:56

Tgt Ion: 70 Resp: 14426

Ion	Ratio	Lower	Upper
70	100		
42	56.0	41.4	62.0
101	9.8	8.2	12.4
130	24.0	18.6	28.0



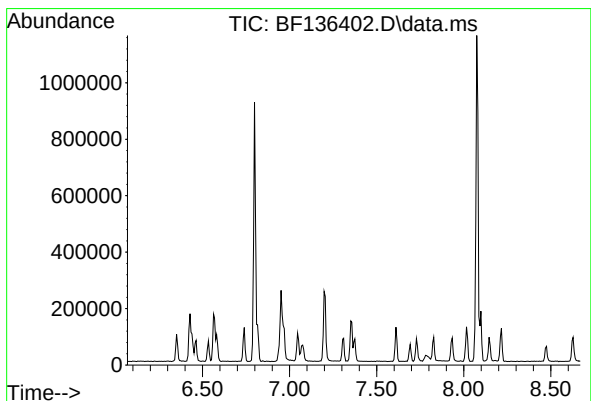
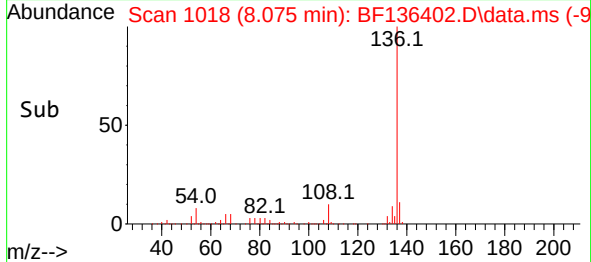
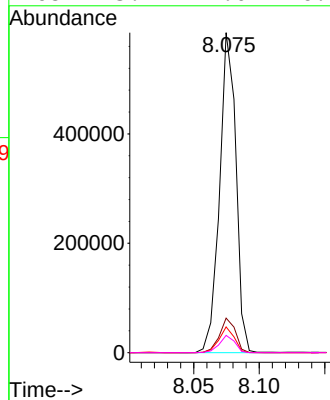
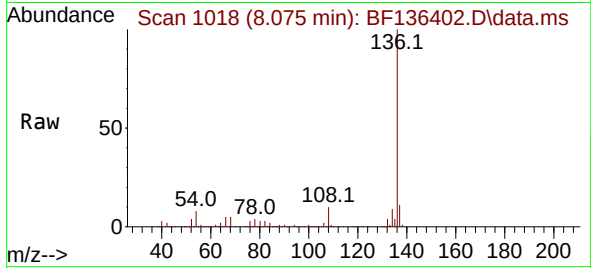


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.075 min Scan# 10
Delta R.T. -0.006 min
Lab File: BF136402.D
Acq: 05 Dec 2023 12:56

Instrument :
BNA_F
ClientSampleId :
SSTDICC2.5

Tgt Ion:136 Resp: 506147

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.6	12.8
54	8.1	5.7	8.5
68	5.4	4.0	6.0

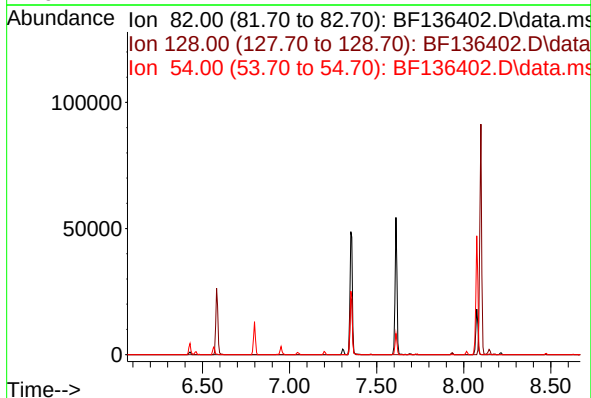


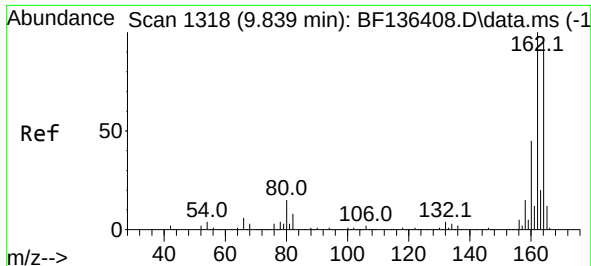
#23
Nitrobenzene-d5
Concen: 0.000 ng
Expected RT: 7.37 min

Lab File: BF136402.D
Acq: 05 Dec 2023 12:56

Tgt Ion: 82

Sig	Exp Ratio
82	100
128	45.4
54	48.8

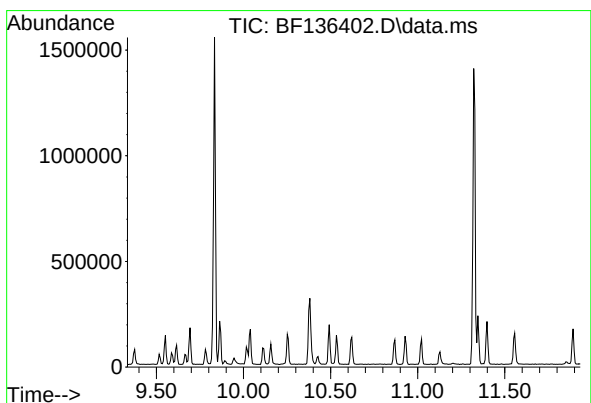
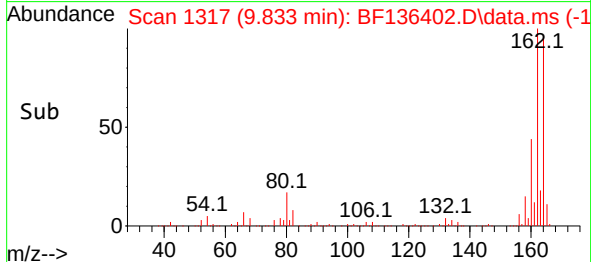
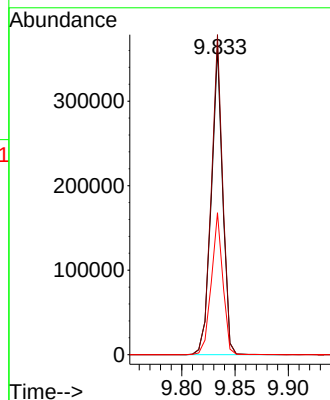
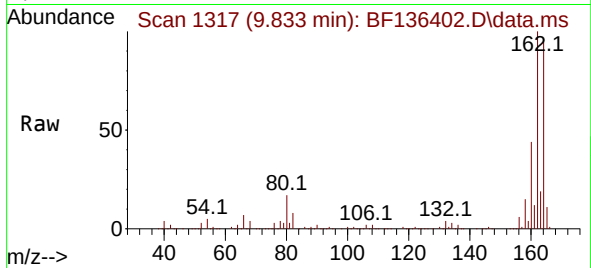




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.833 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF136402.D
Acq: 05 Dec 2023 12:56

Instrument :
BNA_F
ClientSampleId :
SSTDICC2.5

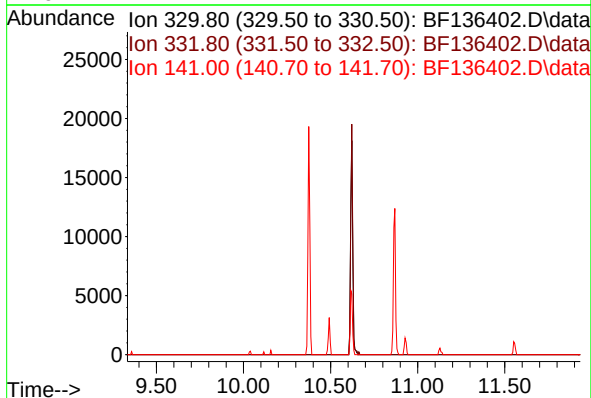
Tgt Ion:164 Resp: 271106
Ion Ratio Lower Upper
164 100
162 104.2 84.4 126.6
160 46.2 37.6 56.4

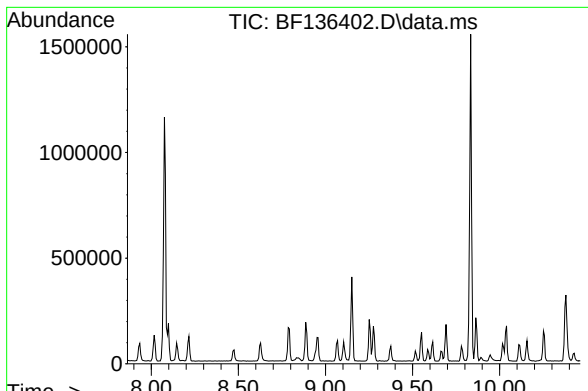


#42
2,4,6-Tribromophenol
Concen: 0.000 ng
Expected RT: 10.63 min

Lab File: BF136402.D
Acq: 05 Dec 2023 12:56

Tgt Ion: 330
Sig Exp Ratio
330 100
332 95.5
141 29.3



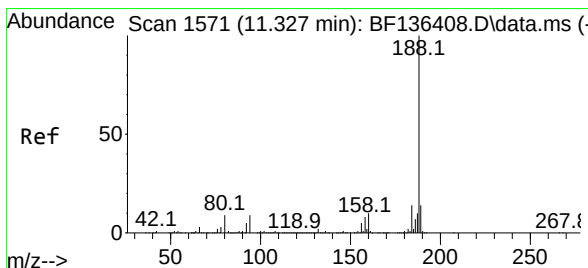
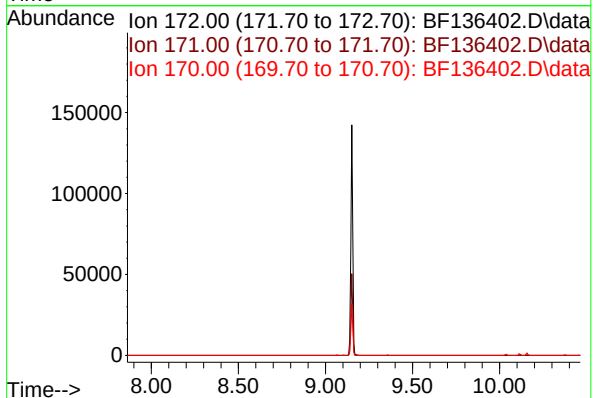


#45
 2-Fluorobiphenyl
 Concen: 0.000 ng
 Expected RT: 9.16 min
 Lab File: BF136402.D
 Acq: 05 Dec 2023 12:56

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC2.5

Tgt Ion: 172

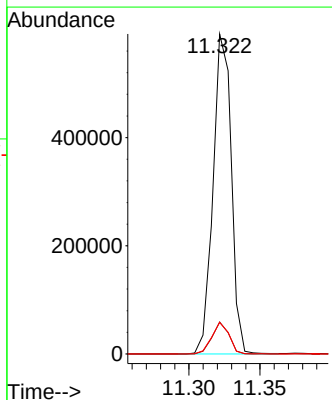
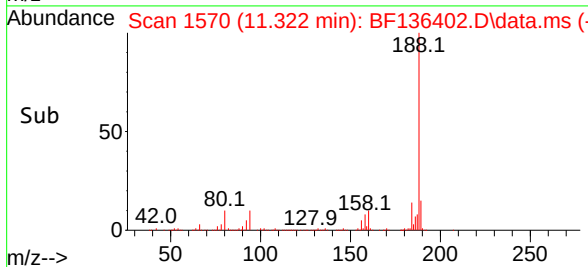
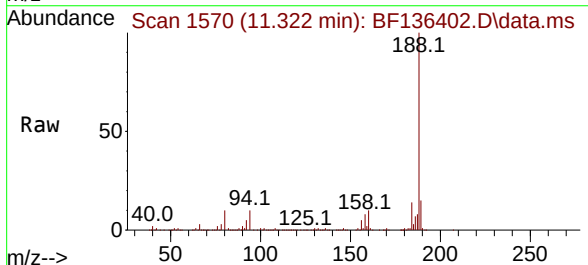
Sig	Exp Ratio
172	100
171	38.1
170	24.9

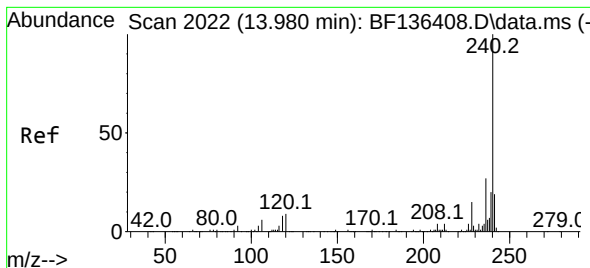


#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.322 min Scan# 1570
 Delta R.T. -0.006 min
 Lab File: BF136402.D
 Acq: 05 Dec 2023 12:56

Tgt Ion: 188 Resp: 526751

Ion	Ratio	Lower	Upper
188	100		
94	10.0	7.2	10.8
80	9.9	7.2	10.8





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.974 min Scan# 20

Delta R.T. -0.006 min

Lab File: BF136402.D

Acq: 05 Dec 2023 12:56

Instrument :

BNA_F

ClientSampleId :

SSTDICC2.5

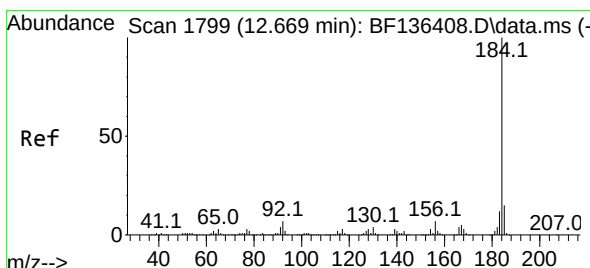
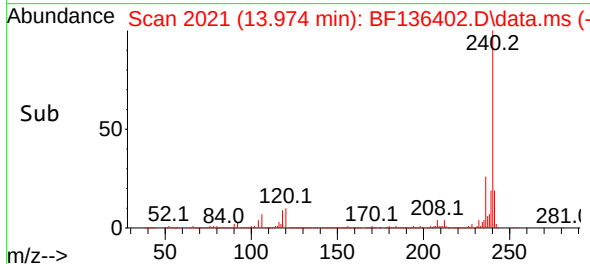
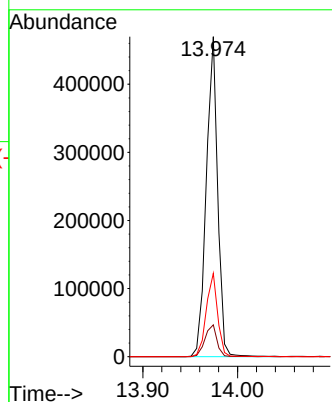
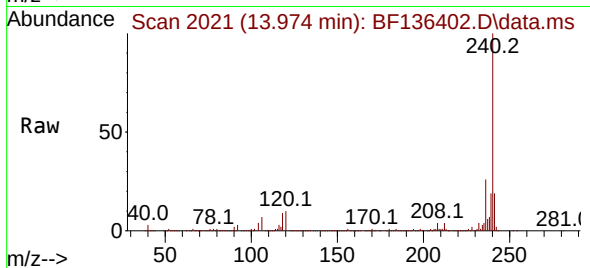
Tgt Ion:240 Resp: 392058

Ion Ratio Lower Upper

240 100

120 10.0 7.3 10.9

236 26.1 21.3 31.9



#77

Benzidine

Concen: 3.916 ng

RT: 12.669 min Scan# 1799

Delta R.T. 0.000 min

Lab File: BF136402.D

Acq: 05 Dec 2023 12:56

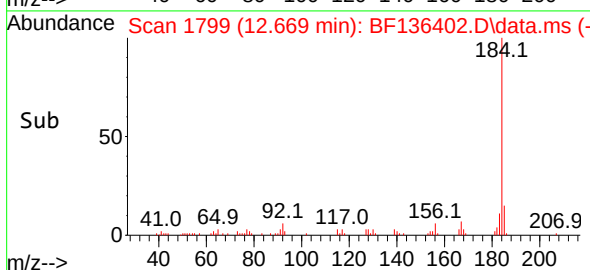
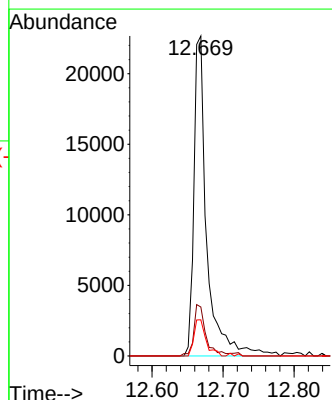
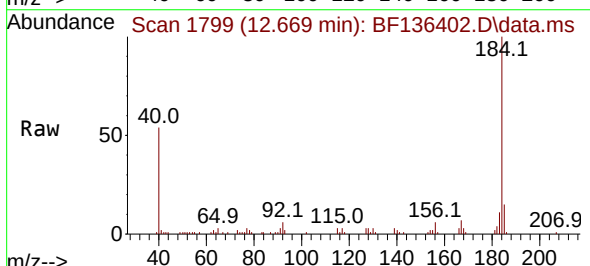
Tgt Ion:184 Resp: 28652

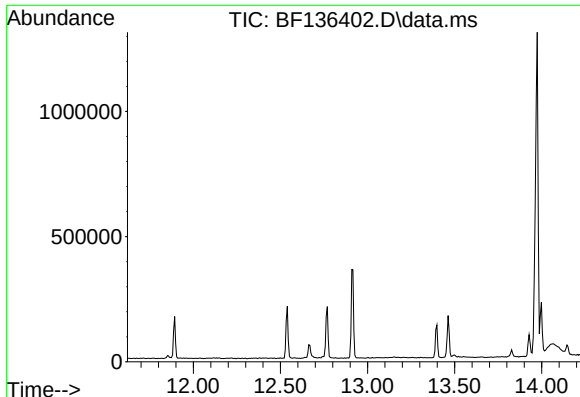
Ion Ratio Lower Upper

184 100

185 15.3 12.0 18.0

183 11.3 9.4 14.0



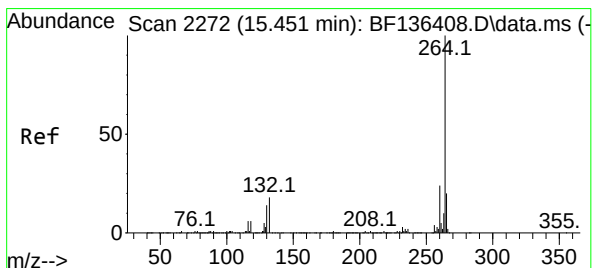
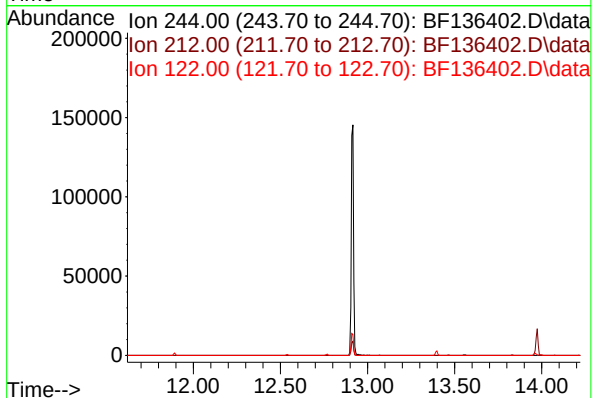


#79
 Terphenyl-d14
 Concen: 0.000 ng
 Expected RT: 12.92 min
 Lab File: BF136402.D
 Acq: 05 Dec 2023 12:56

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC2.5

Tgt Ion: 244

Sig	Exp Ratio
244	100
212	6.2
122	10.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.451 min Scan# 2272
 Delta R.T. 0.000 min
 Lab File: BF136402.D
 Acq: 05 Dec 2023 12:56

Tgt Ion: 264 Resp: 321957

Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.2	28.8
265	21.7	15.9	23.9

