

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112823\
 Data File : BF136244.D
 Acq On : 28 Nov 2023 12:27
 Operator : CG\JU
 Sample : PB156994TB
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB156994TB

Quant Time: Nov 28 12:46:50 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112723.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 28 03:04:20 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.804	152	145342	20.000	ng	0.00
21) Naphthalene-d8	8.081	136	617943	20.000	ng	0.00
39) Acenaphthene-d10	9.839	164	316652	20.000	ng	0.00
64) Phenanthrene-d10	11.328	188	598234	20.000	ng	0.00
76) Chrysene-d12	13.980	240	307825	20.000	ng	-0.01
86) Perylene-d12	15.463	264	249477	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.451	112	1324243	126.815	ng	0.01
7) Phenol-d6	6.440	99	1627080	124.616	ng	0.00
23) Nitrobenzene-d5	7.363	82	1011943	86.536	ng	-0.01
42) 2,4,6-Tribromophenol	10.633	330	494166	127.647	ng	0.00
45) 2-Fluorobiphenyl	9.163	172	2132856	86.035	ng	0.00
79) Terphenyl-d14	12.933	244	2293174	85.930	ng	0.00

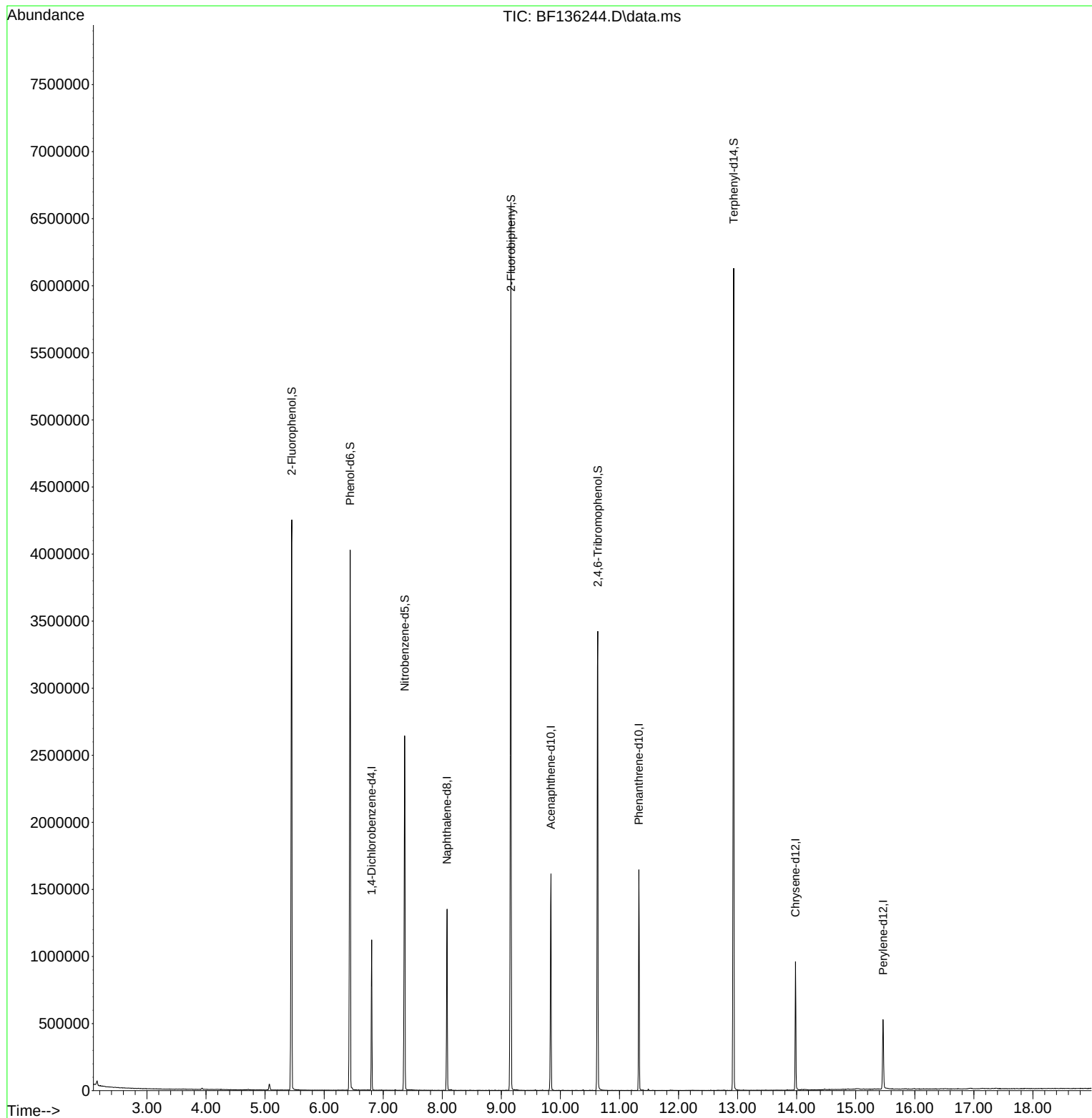
Target Compounds	Qvalue

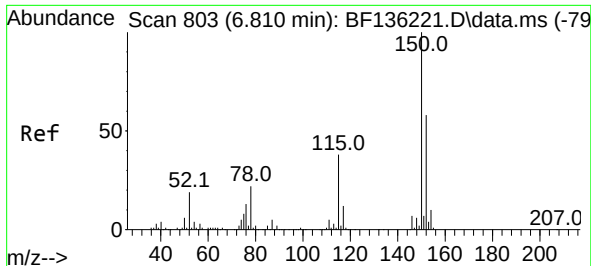
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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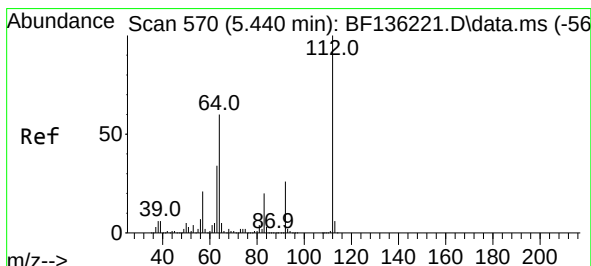
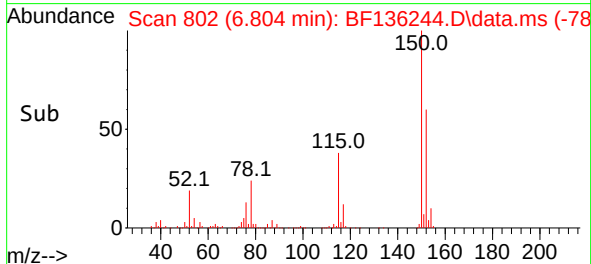
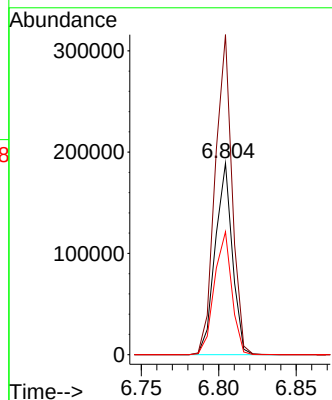
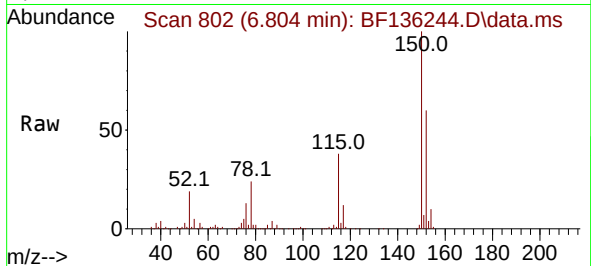




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.804 min Scan# 803
Delta R.T. -0.006 min
Lab File: BF136244.D
Acq: 28 Nov 2023 12:27

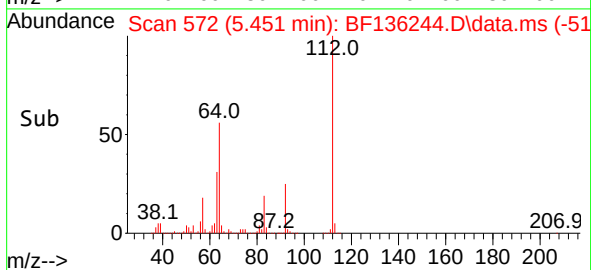
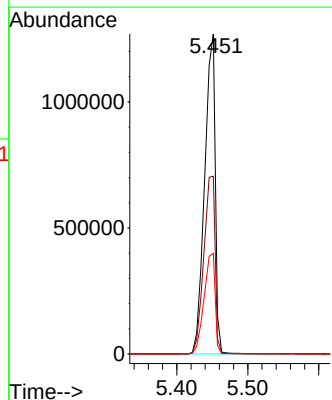
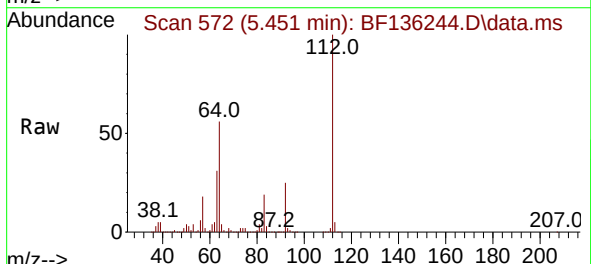
Instrument :
BNA_F
ClientSampleId :
PB156994TB

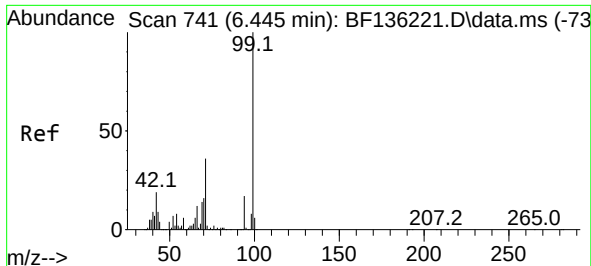
Tgt Ion:152 Resp: 145342
Ion Ratio Lower Upper
152 100
150 167.1 137.8 206.8
115 64.1 52.7 79.1



#5
2-Fluorophenol
Concen: 126.815 ng
RT: 5.451 min Scan# 572
Delta R.T. 0.012 min
Lab File: BF136244.D
Acq: 28 Nov 2023 12:27

Tgt Ion:112 Resp: 1324243
Ion Ratio Lower Upper
112 100
64 55.6 48.2 72.4
63 31.4 27.0 40.6

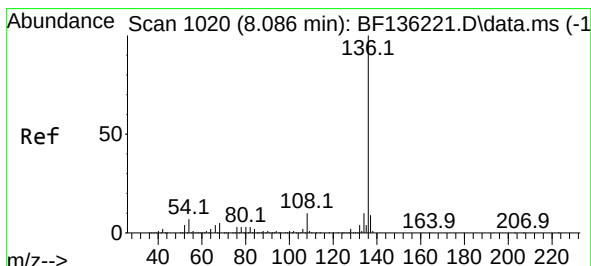
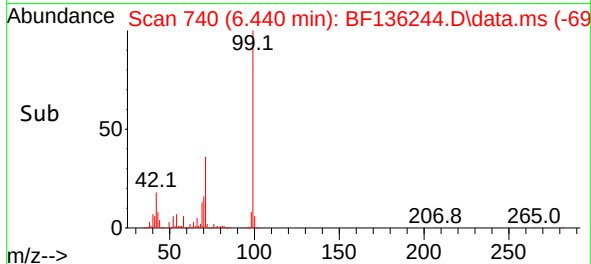
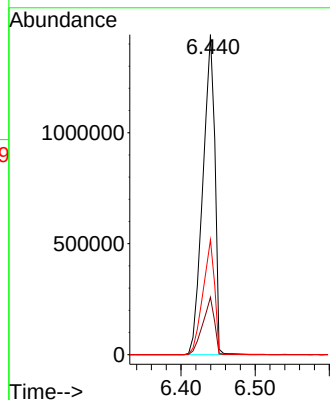
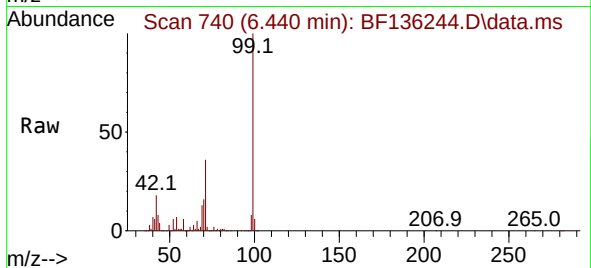




#7
Phenol-d6
Concen: 124.616 ng
RT: 6.440 min Scan# 741
Delta R.T. -0.006 min
Lab File: BF136244.D
Acq: 28 Nov 2023 12:27

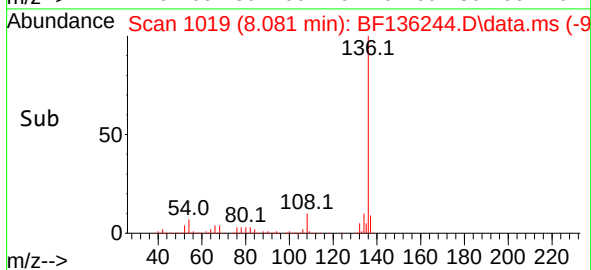
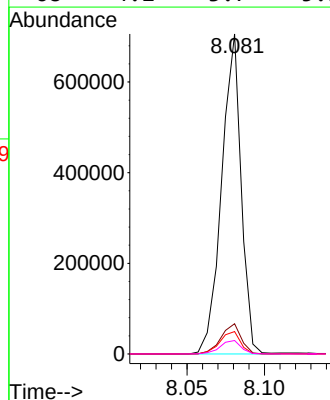
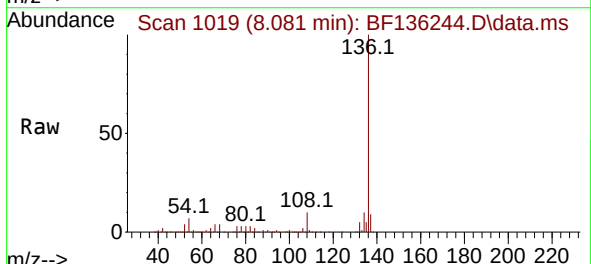
Instrument :
BNA_F
ClientSampleId :
PB156994TB

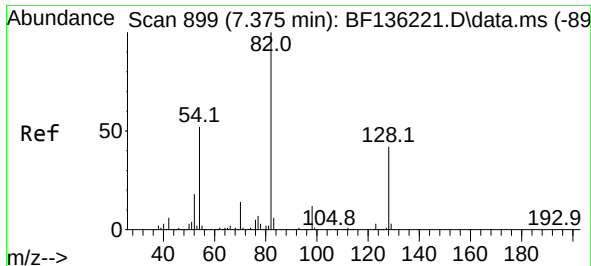
Tgt Ion: 99 Resp: 1627080
Ion Ratio Lower Upper
99 100
42 18.0 15.0 22.6
71 35.9 28.9 43.3



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.081 min Scan# 1019
Delta R.T. -0.006 min
Lab File: BF136244.D
Acq: 28 Nov 2023 12:27

Tgt Ion:136 Resp: 617943
Ion Ratio Lower Upper
136 100
137 9.4 7.4 11.2
54 7.0 5.5 8.3
68 4.2 3.7 5.5





#23

Nitrobenzene-d5

Concen: 86.536 ng

RT: 7.363 min Scan# 89

Delta R.T. -0.012 min

Lab File: BF136244.D

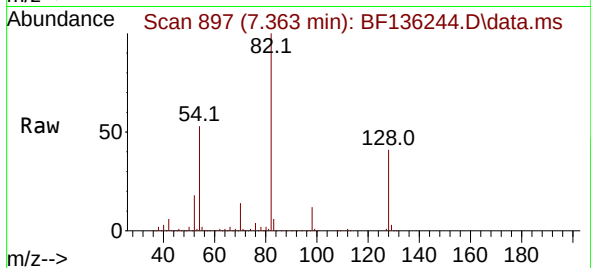
Acq: 28 Nov 2023 12:27

Instrument :

BNA_F

ClientSampleId :

PB156994TB



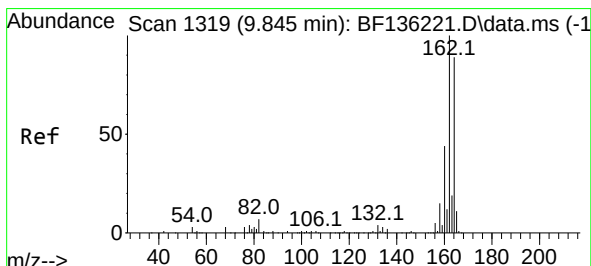
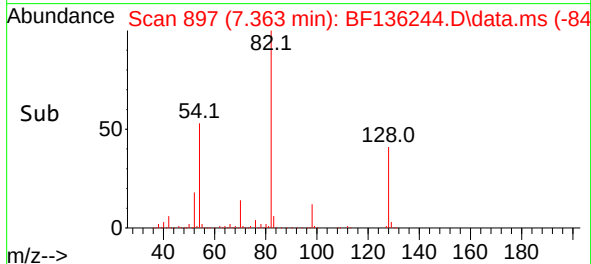
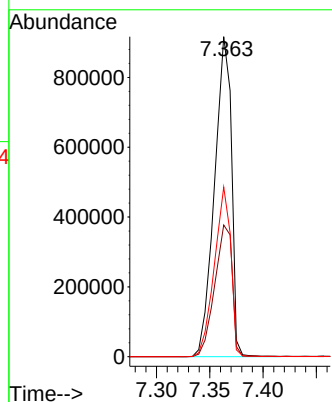
Tgt Ion: 82 Resp: 1011943

Ion Ratio Lower Upper

82 100

128 41.2 33.4 50.2

54 53.0 41.7 62.5



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.839 min Scan# 1318

Delta R.T. -0.006 min

Lab File: BF136244.D

Acq: 28 Nov 2023 12:27

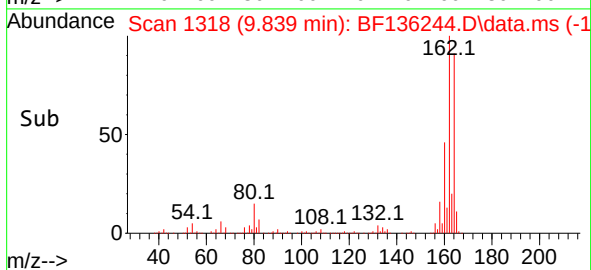
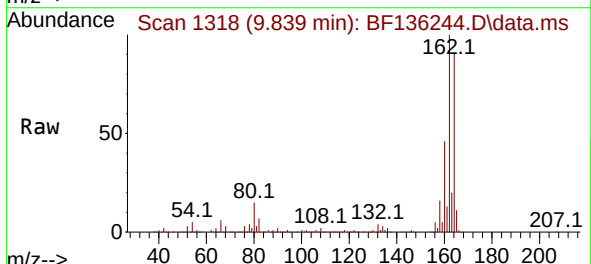
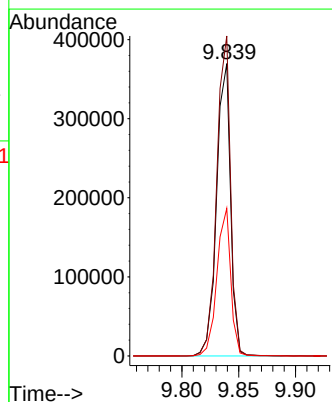
Tgt Ion:164 Resp: 316652

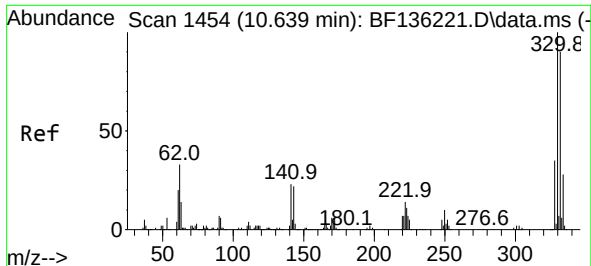
Ion Ratio Lower Upper

164 100

162 109.5 89.5 134.3

160 50.5 39.6 59.4





#42

2,4,6-Tribromophenol

Concen: 127.647 ng

RT: 10.633 min Scan# 1454

Delta R.T. -0.006 min

Lab File: BF136244.D

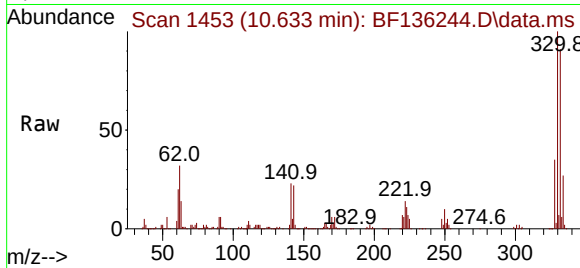
Acq: 28 Nov 2023 12:27

Instrument :

BNA_F

ClientSampleId :

PB156994TB



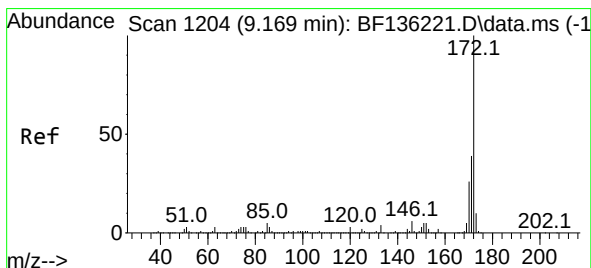
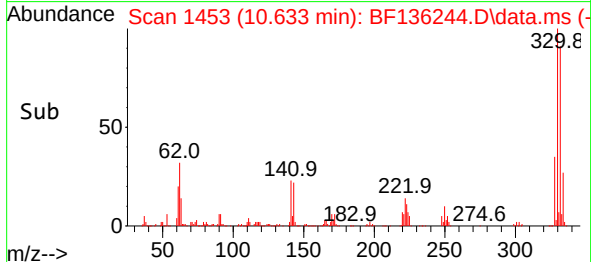
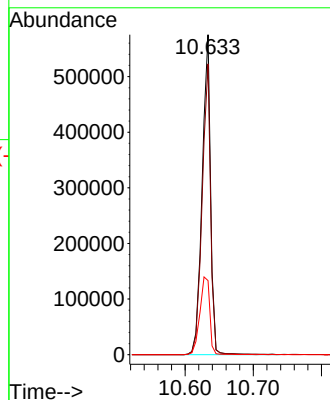
Tgt Ion:330 Resp: 494166

Ion Ratio Lower Upper

330 100

332 91.4 73.0 109.6

141 28.6 24.2 36.2



#45

2-Fluorobiphenyl

Concen: 86.035 ng

RT: 9.163 min Scan# 1203

Delta R.T. -0.006 min

Lab File: BF136244.D

Acq: 28 Nov 2023 12:27

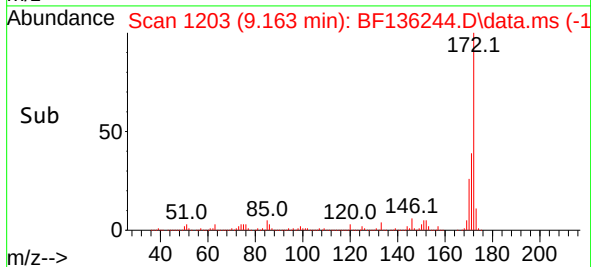
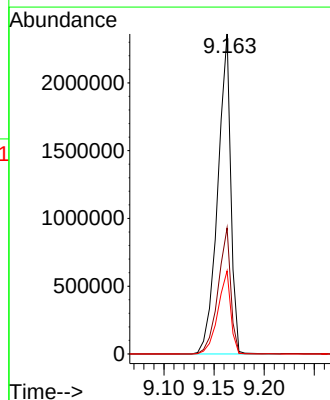
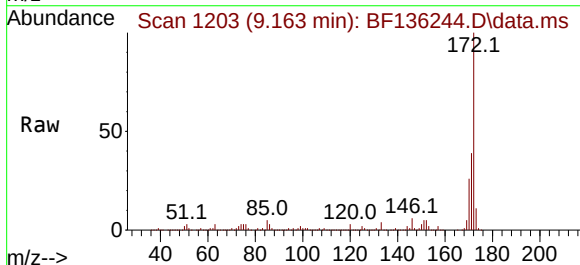
Tgt Ion:172 Resp: 2132856

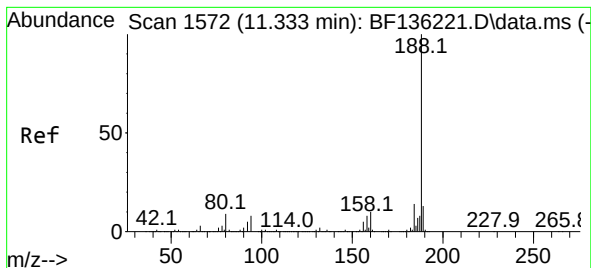
Ion Ratio Lower Upper

172 100

171 39.4 31.5 47.3

170 26.0 20.8 31.2





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.328 min Scan# 1

Delta R.T. -0.005 min

Lab File: BF136244.D

Acq: 28 Nov 2023 12:27

Instrument :

BNA_F

ClientSampleId :

PB156994TB

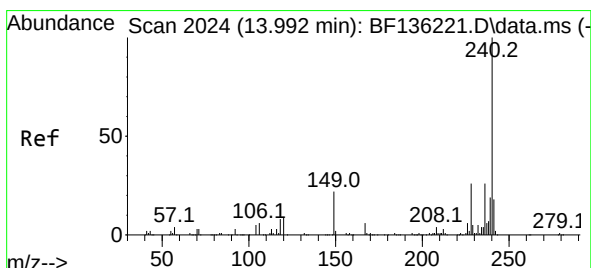
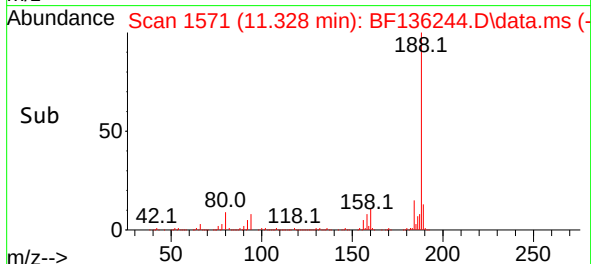
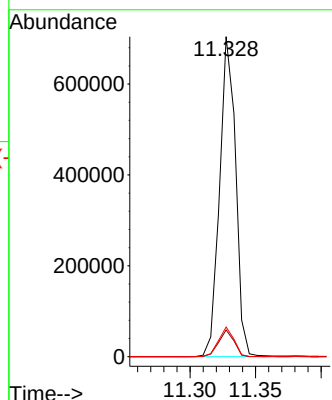
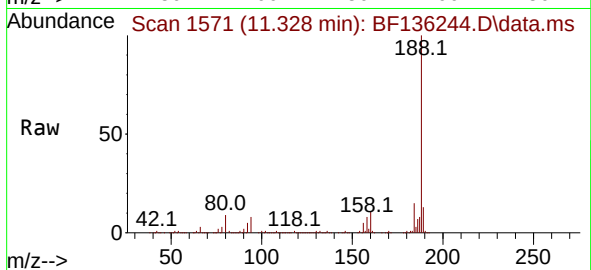
Tgt Ion:188 Resp: 598234

Ion Ratio Lower Upper

188 100

94 8.4 6.7 10.1

80 9.3 7.2 10.8



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.980 min Scan# 2022

Delta R.T. -0.012 min

Lab File: BF136244.D

Acq: 28 Nov 2023 12:27

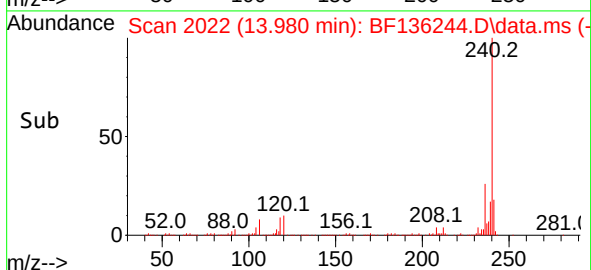
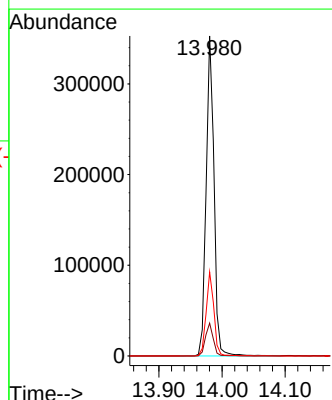
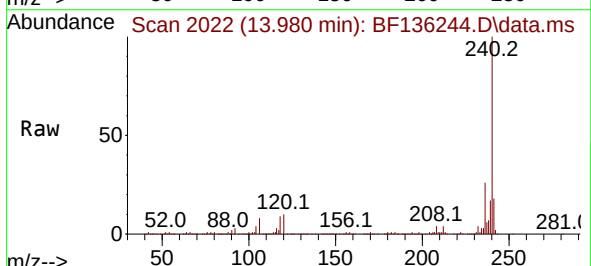
Tgt Ion:240 Resp: 307825

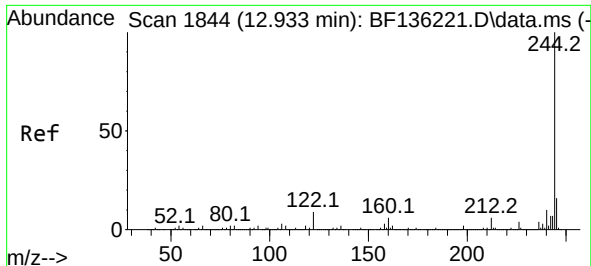
Ion Ratio Lower Upper

240 100

120 10.2 7.4 11.2

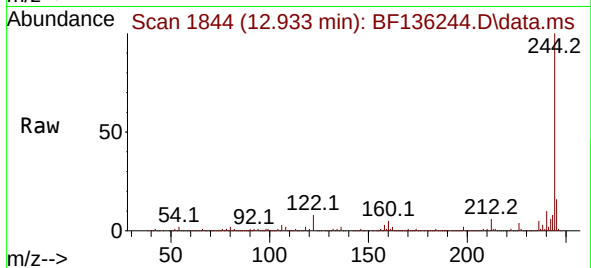
236 26.3 21.1 31.7



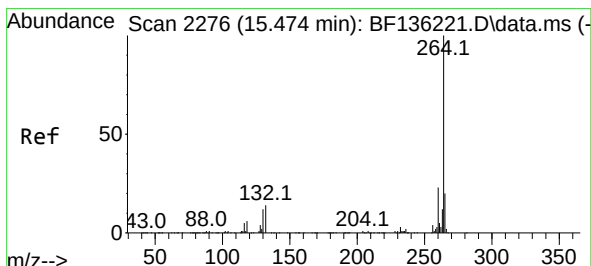
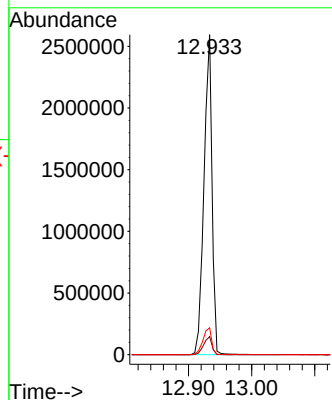
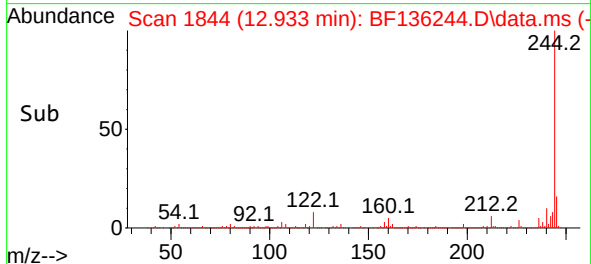


#79
 Terphenyl-d14
 Concen: 85.930 ng
 RT: 12.933 min Scan# 1844
 Delta R.T. 0.000 min
 Lab File: BF136244.D
 Acq: 28 Nov 2023 12:27

Instrument :
 BNA_F
 ClientSampleId :
 PB156994TB



Tgt Ion:244 Resp: 2293174
 Ion Ratio Lower Upper
 244 100
 212 5.7 4.6 7.0
 122 8.4 7.3 10.9



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.463 min Scan# 2274
 Delta R.T. -0.011 min
 Lab File: BF136244.D
 Acq: 28 Nov 2023 12:27

Tgt Ion:264 Resp: 249477
 Ion Ratio Lower Upper
 264 100
 260 23.1 18.6 27.8
 265 21.3 15.7 23.5

