

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112723\
 Data File : BF136229.D
 Acq On : 27 Nov 2023 18:52
 Operator : CG\JU
 Sample : 05469-04
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-12

Quant Time: Nov 28 04:09:51 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	123913	20.000	ng	0.00
21) Naphthalene-d8	8.081	136	530663	20.000	ng	0.00
39) Acenaphthene-d10	9.839	164	274690	20.000	ng	0.00
64) Phenanthrene-d10	11.327	188	493650	20.000	ng	0.00
76) Chrysene-d12	13.980	240	244614	20.000	ng	-0.01
86) Perylene-d12	15.462	264	226782	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.451	112	1041012	116.931	ng	0.01
7) Phenol-d6	6.439	99	1183460	106.314	ng	0.00
23) Nitrobenzene-d5	7.363	82	886128	88.240	ng	-0.01
42) 2,4,6-Tribromophenol	10.633	330	417431	124.298	ng	0.00
45) 2-Fluorobiphenyl	9.163	172	1878865	87.367	ng	0.00
79) Terphenyl-d14	12.933	244	1940464	91.503	ng	0.00

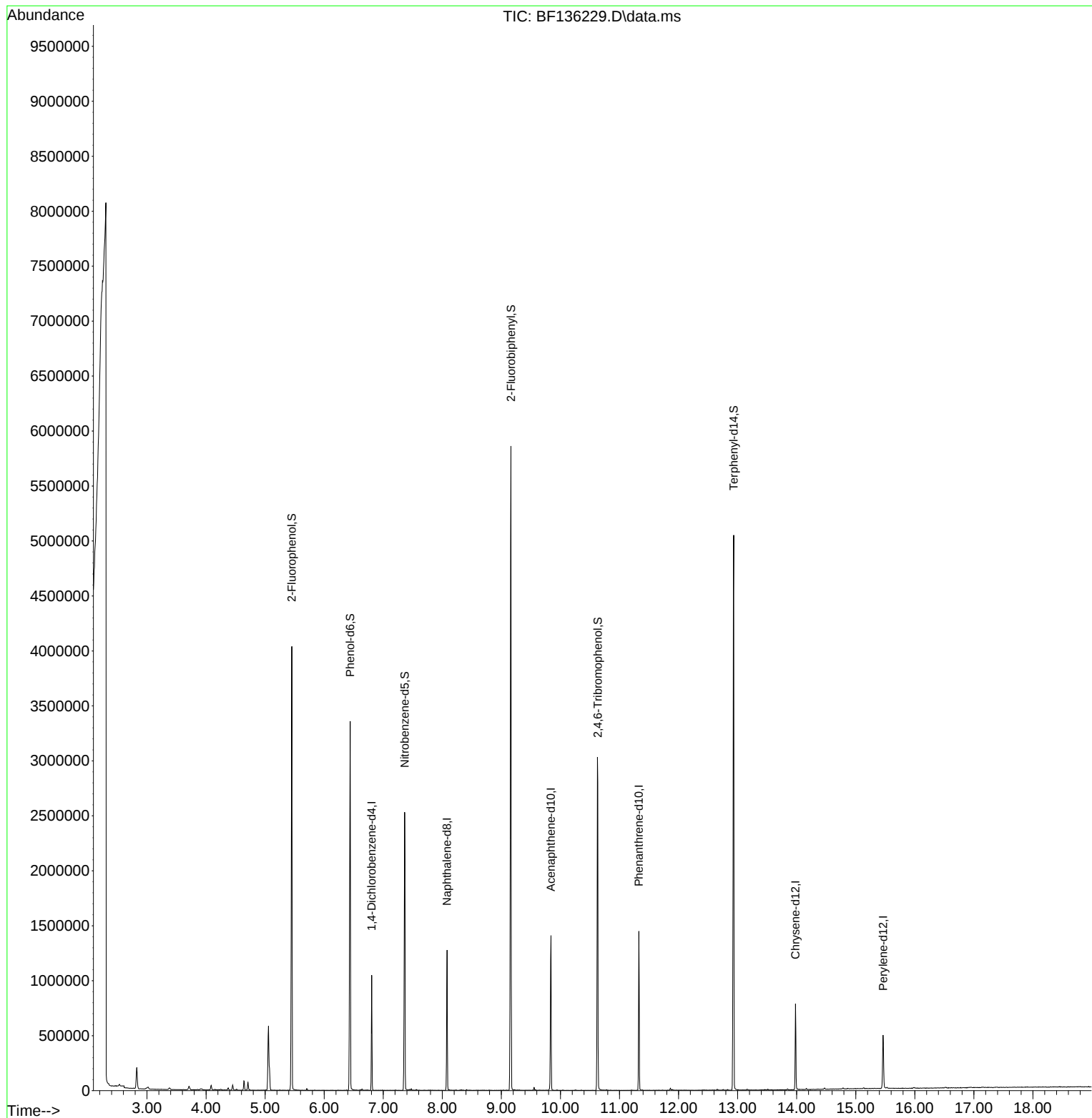
Target Compounds	Qvalue

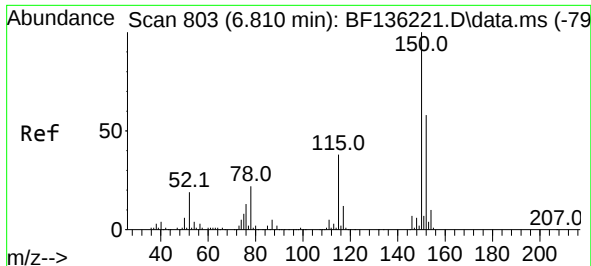
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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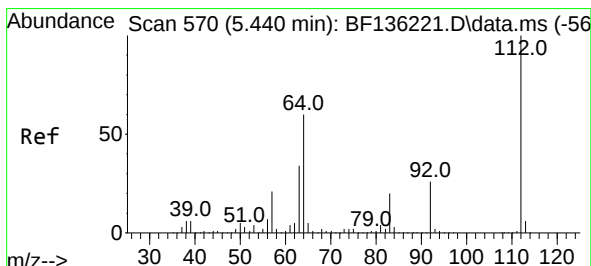
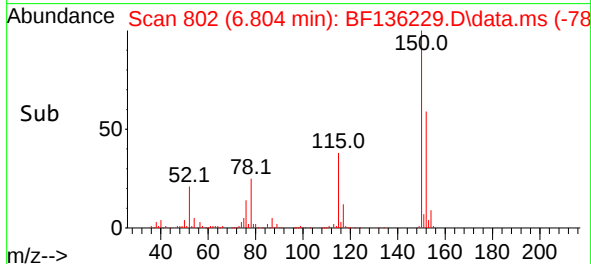
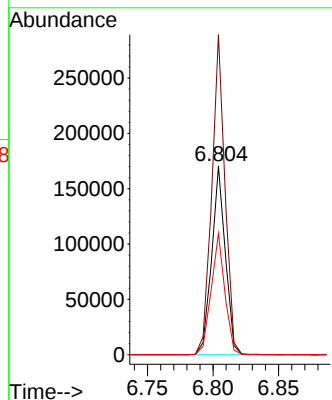
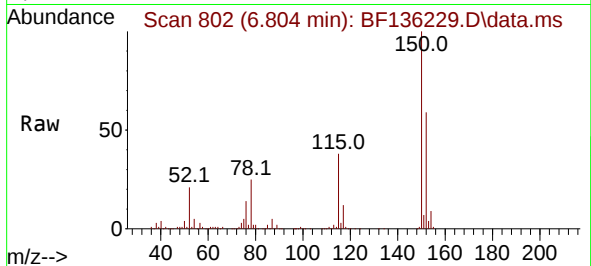




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.804 min Scan# 803
Delta R.T. -0.006 min
Lab File: BF136229.D
Acq: 27 Nov 2023 18:52

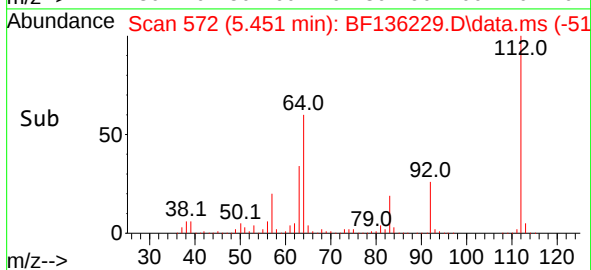
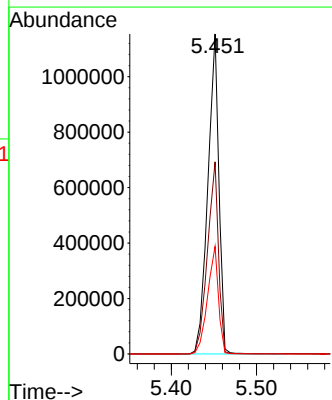
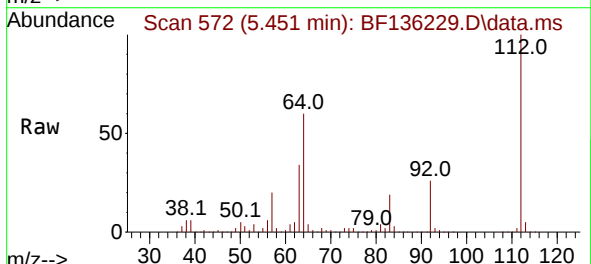
Instrument :
BNA_F
ClientSampleId :
TP-12

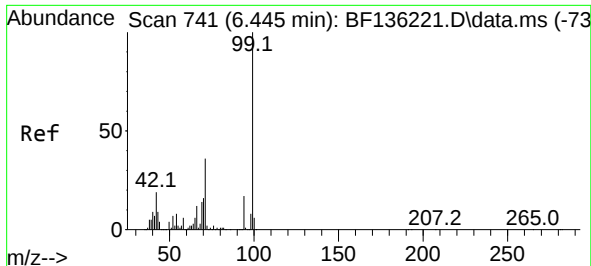
Tgt Ion:152 Resp: 123913
Ion Ratio Lower Upper
152 100
150 169.4 137.8 206.8
115 64.2 52.7 79.1



#5
2-Fluorophenol
Concen: 116.931 ng
RT: 5.451 min Scan# 572
Delta R.T. 0.012 min
Lab File: BF136229.D
Acq: 27 Nov 2023 18:52

Tgt Ion:112 Resp: 1041012
Ion Ratio Lower Upper
112 100
64 60.1 48.2 72.4
63 33.6 27.0 40.6





#7

Phenol-d6

Concen: 106.314 ng

RT: 6.439 min Scan# 741

Delta R.T. -0.006 min

Lab File: BF136229.D

Acq: 27 Nov 2023 18:52

Instrument :

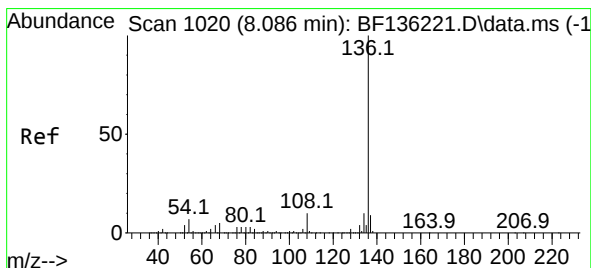
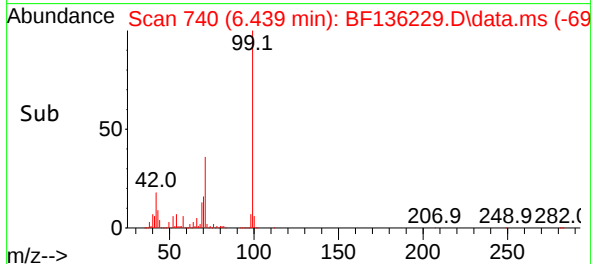
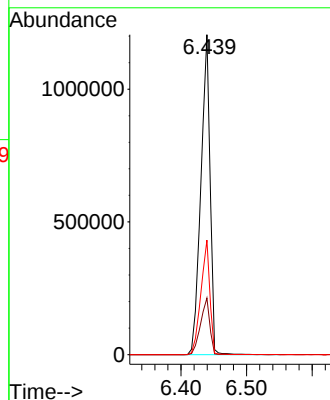
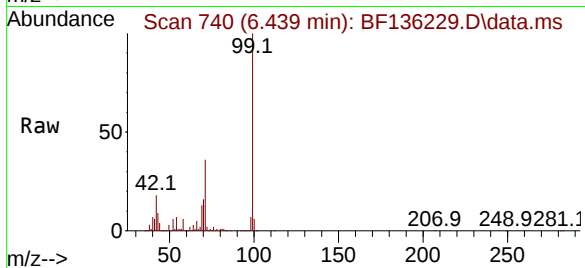
BNA_F

ClientSampleId :

TP-12

Tgt Ion: 99 Resp: 1183460

Ion	Ratio	Lower	Upper
99	100		
42	17.7	15.0	22.6
71	35.8	28.9	43.3



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.081 min Scan# 1019

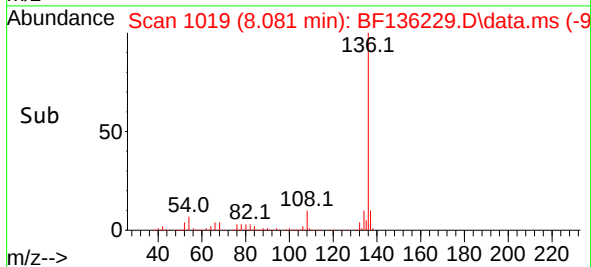
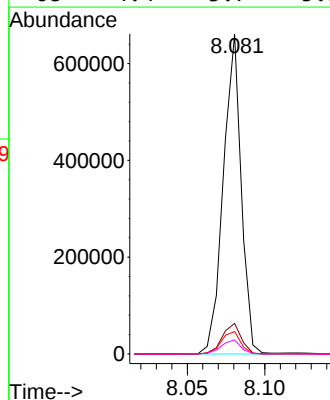
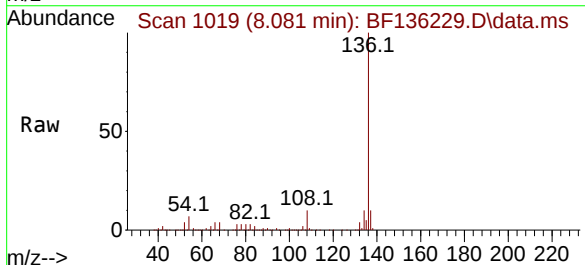
Delta R.T. -0.006 min

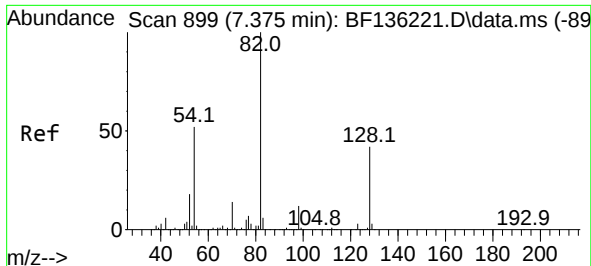
Lab File: BF136229.D

Acq: 27 Nov 2023 18:52

Tgt Ion: 136 Resp: 530663

Ion	Ratio	Lower	Upper
136	100		
137	9.6	7.4	11.2
54	7.0	5.5	8.3
68	4.4	3.7	5.5





#23

Nitrobenzene-d5

Concen: 88.240 ng

RT: 7.363 min Scan# 89

Delta R.T. -0.012 min

Lab File: BF136229.D

Acq: 27 Nov 2023 18:52

Instrument :

BNA_F

ClientSampleId :

TP-12

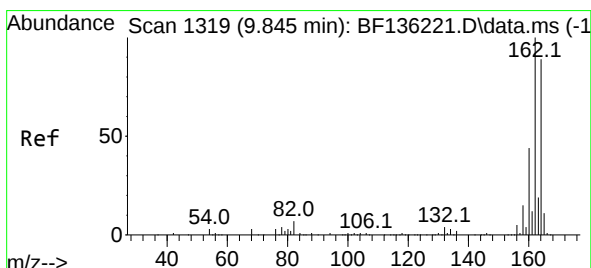
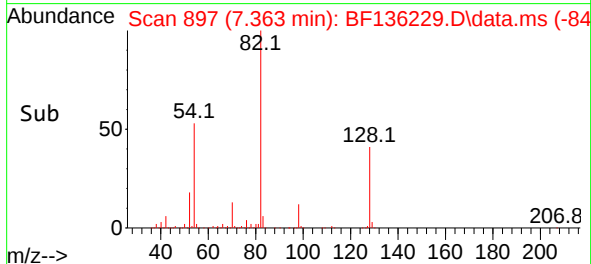
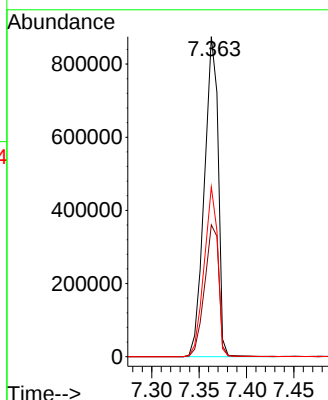
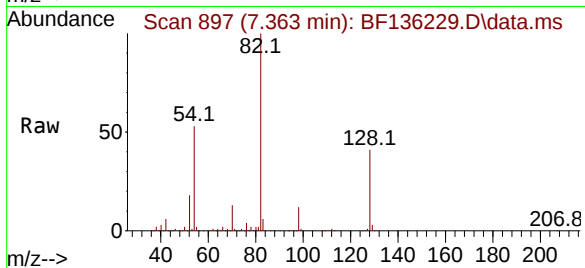
Tgt Ion: 82 Resp: 886128

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: BF136229.D

Acq: 27 Nov 2023 18:52

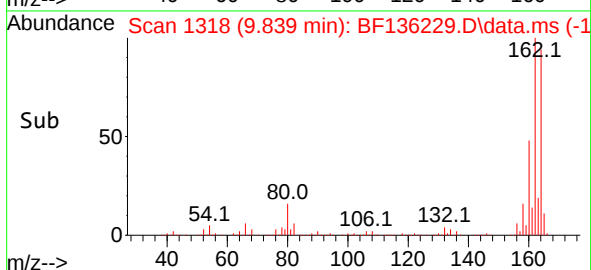
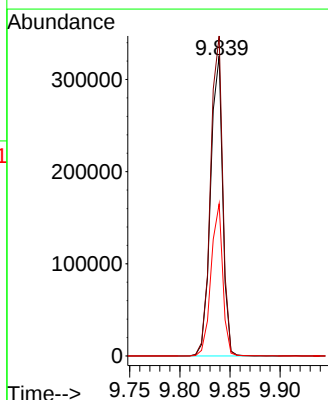
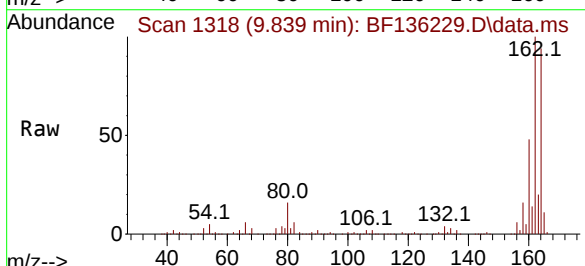
Tgt Ion:164 Resp: 274690

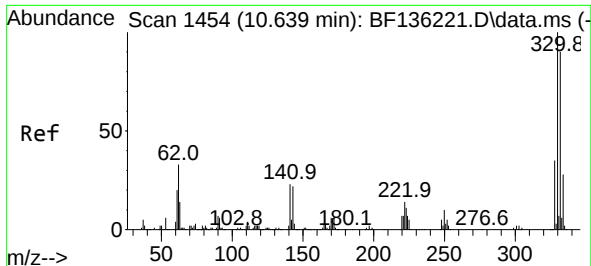
Ion Ratio Lower Upper

164 100

162 106.6 89.5 134.3

160 50.7 39.6 59.4





#42

2,4,6-Tribromophenol

Concen: 124.298 ng

RT: 10.633 min Scan# 1454

Delta R.T. -0.006 min

Lab File: BF136229.D

Acq: 27 Nov 2023 18:52

Instrument :

BNA_F

ClientSampleId :

TP-12

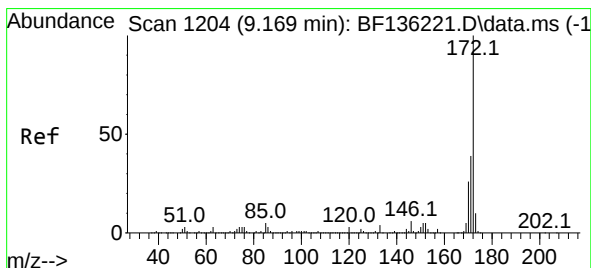
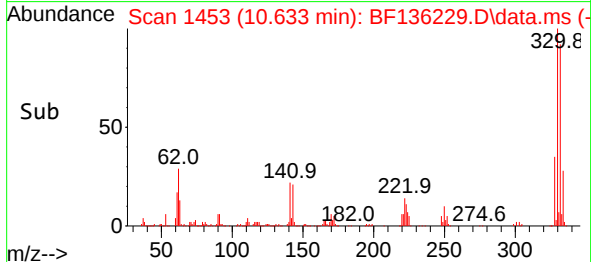
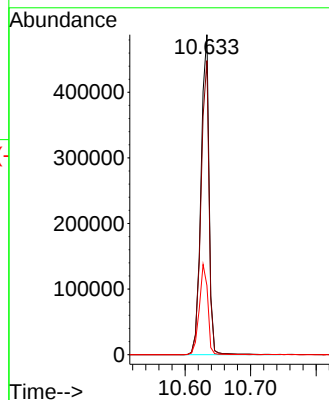
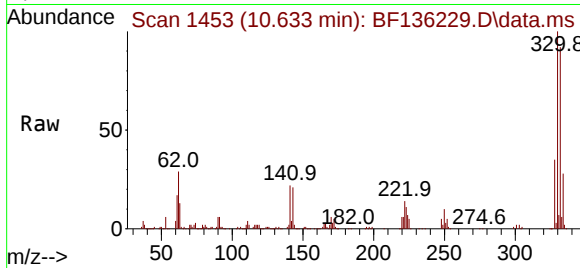
Tgt Ion:330 Resp: 417431

Ion Ratio Lower Upper

330 100

332 92.3 73.0 109.6

141 29.6 24.2 36.2



#45

2-Fluorobiphenyl

Concen: 87.367 ng

RT: 9.163 min Scan# 1203

Delta R.T. -0.006 min

Lab File: BF136229.D

Acq: 27 Nov 2023 18:52

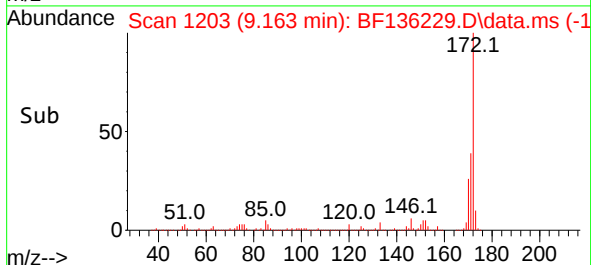
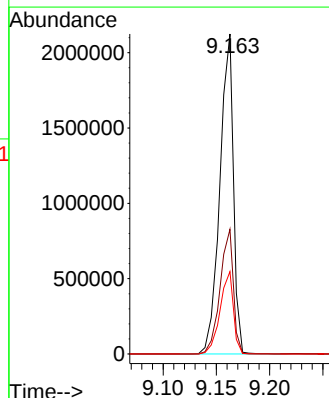
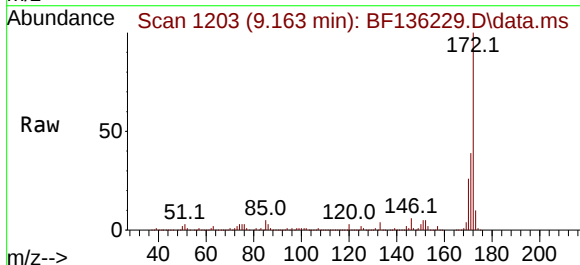
Tgt Ion:172 Resp: 1878865

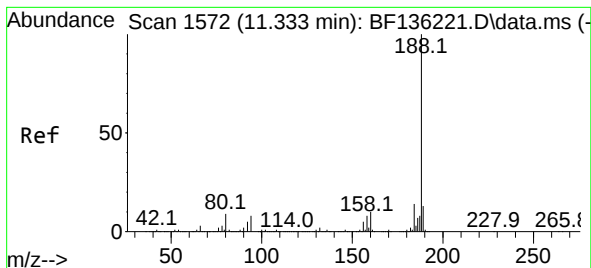
Ion Ratio Lower Upper

172 100

171 39.0 31.5 47.3

170 25.7 20.8 31.2





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.327 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF136229.D

Acq: 27 Nov 2023 18:52

Instrument :

BNA_F

ClientSampleId :

TP-12

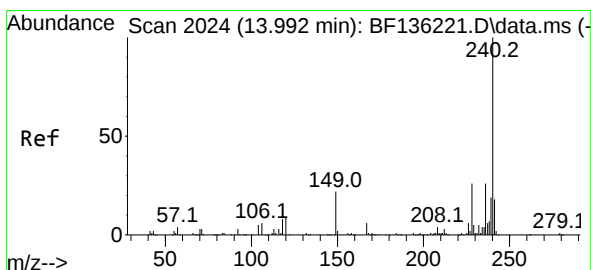
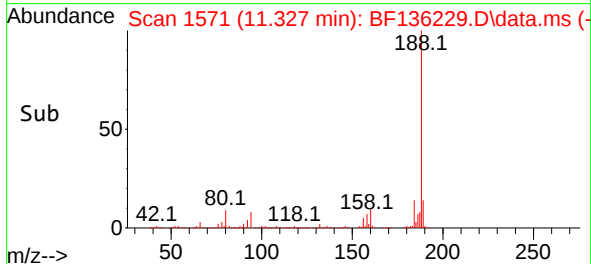
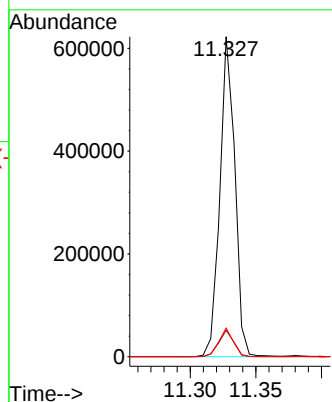
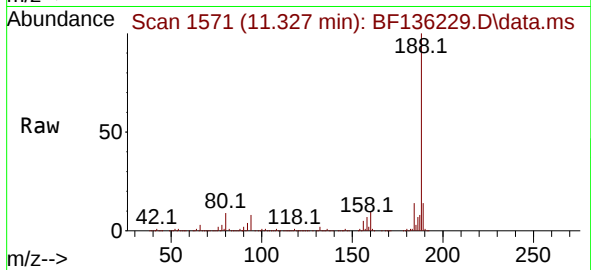
Tgt Ion:188 Resp: 493650

Ion Ratio Lower Upper

188 100

94 8.2 6.7 10.1

80 9.0 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: BF136229.D

Acq: 27 Nov 2023 18:52

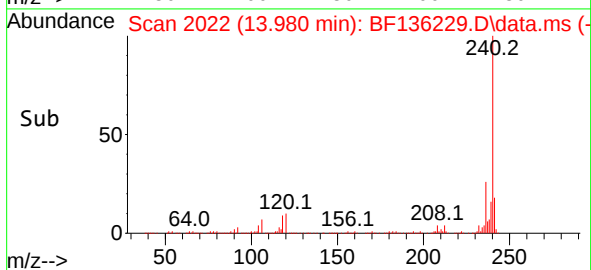
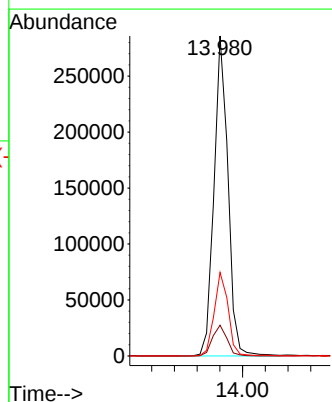
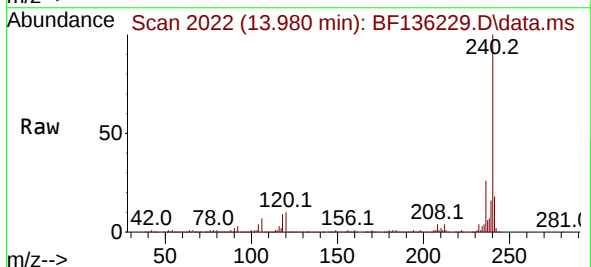
Tgt Ion:240 Resp: 244614

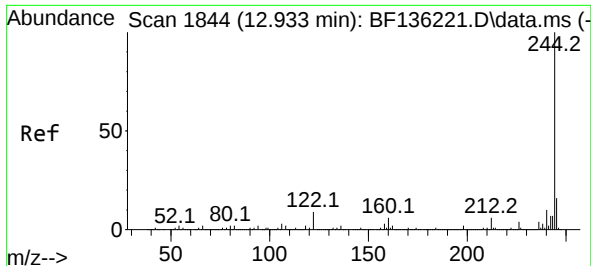
Ion Ratio Lower Upper

240 100

120 9.6 7.4 11.2

236 26.1 21.1 31.7

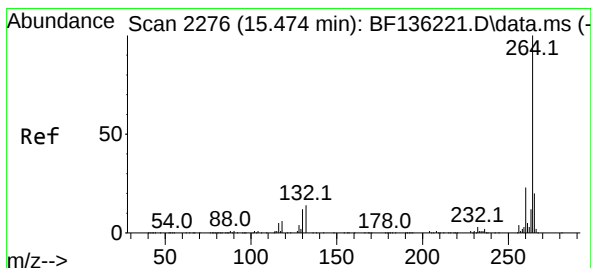
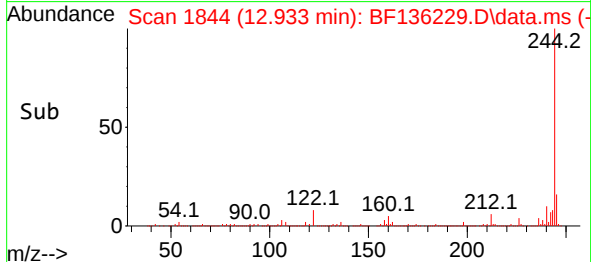
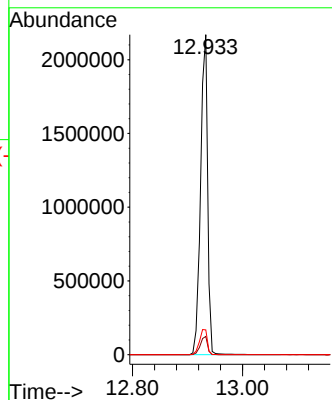
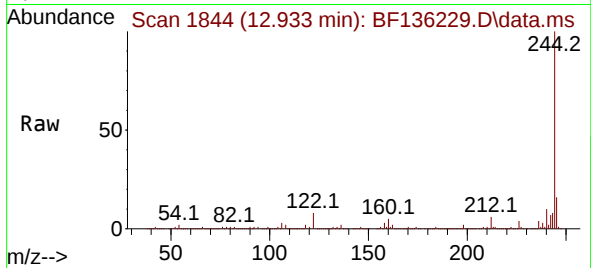




#79
 Terphenyl-d14
 Concen: 91.503 ng
 RT: 12.933 min Scan# 1844
 Delta R.T. -0.000 min
 Lab File: BF136229.D
 Acq: 27 Nov 2023 18:52

Instrument :
 BNA_F
 ClientSampleId :
 TP-12

Tgt Ion:244 Resp: 1940464
 Ion Ratio Lower Upper
 244 100
 212 5.7 4.6 7.0
 122 7.7 7.3 10.9



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.462 min Scan# 2274
 Delta R.T. -0.012 min
 Lab File: BF136229.D
 Acq: 27 Nov 2023 18:52

Tgt Ion:264 Resp: 226782
 Ion Ratio Lower Upper
 264 100
 260 23.2 18.6 27.8
 265 21.0 15.7 23.5

