

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112723\
 Data File : BF136237.D
 Acq On : 27 Nov 2023 23:10
 Operator : CG\JU
 Sample : 05449-06
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-SED-02

Quant Time: Nov 28 04:13:49 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	156345	20.000	ng	0.00
21) Naphthalene-d8	8.081	136	663286	20.000	ng	0.00
39) Acenaphthene-d10	9.839	164	339815	20.000	ng	0.00
64) Phenanthrene-d10	11.328	188	612923	20.000	ng	0.00
76) Chrysene-d12	13.980	240	283336	20.000	ng	-0.01
86) Perylene-d12	15.463	264	247923	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.457	112	1500007	133.537	ng	0.02
7) Phenol-d6	6.445	99	1662309	118.354	ng	0.00
23) Nitrobenzene-d5	7.369	82	1254417	99.938	ng	0.00
42) 2,4,6-Tribromophenol	10.633	330	607278	146.173	ng	0.00
45) 2-Fluorobiphenyl	9.163	172	2573866	96.747	ng	0.00
79) Terphenyl-d14	12.933	244	2681502	109.167	ng	0.00

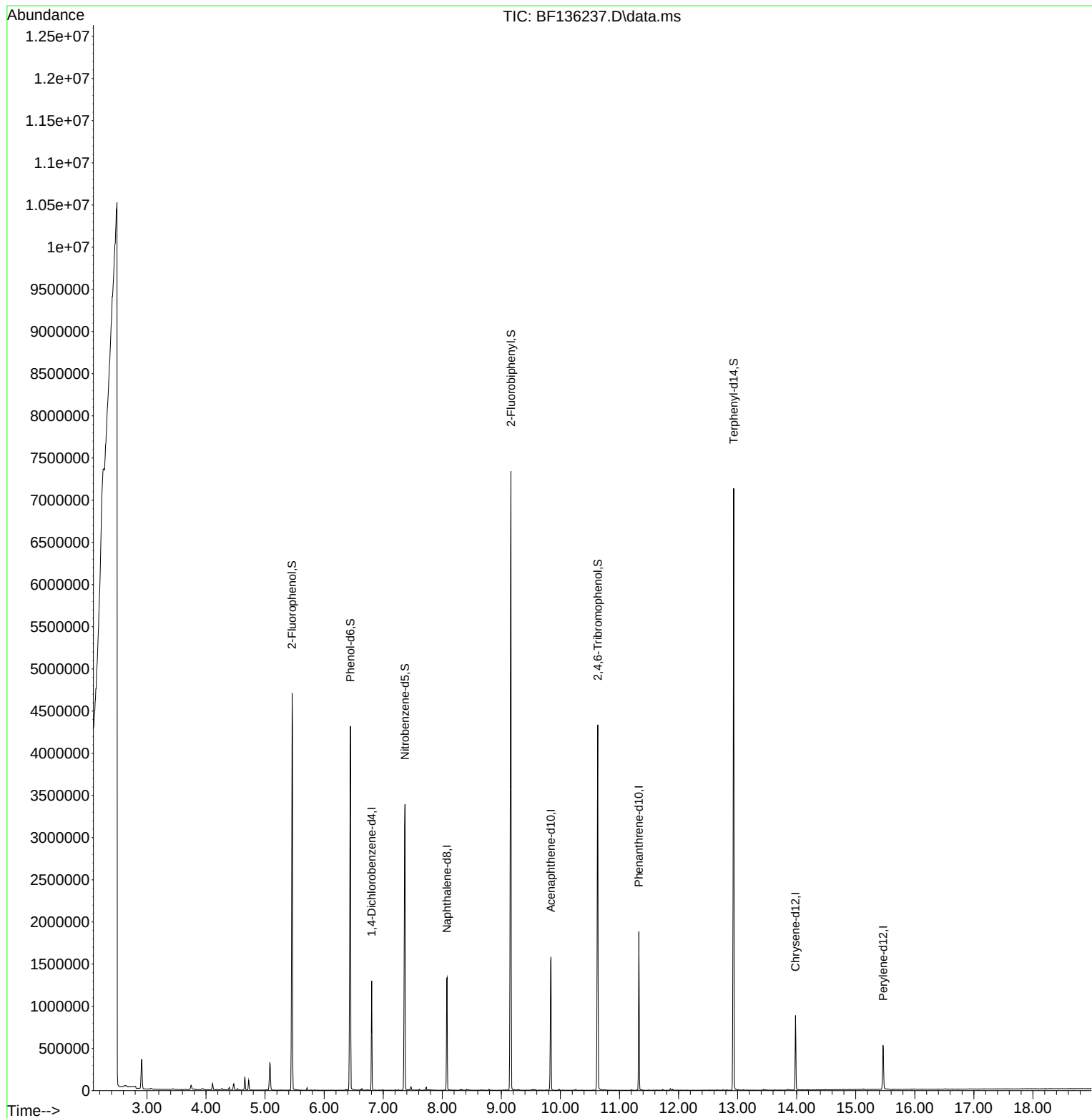
Target Compounds	Qvalue

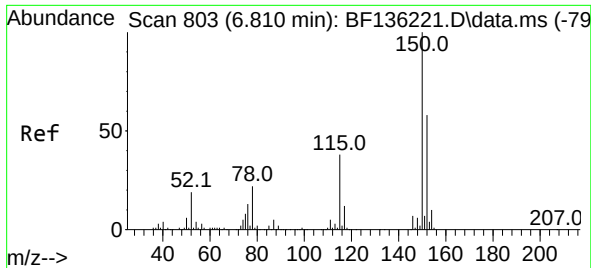
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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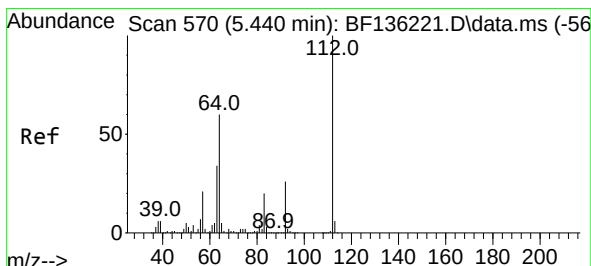
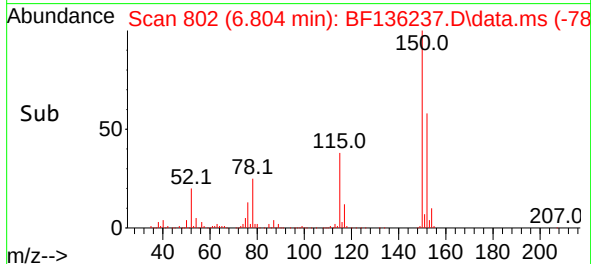
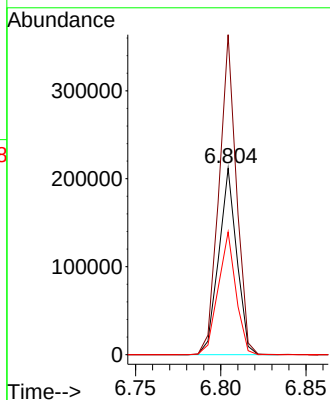
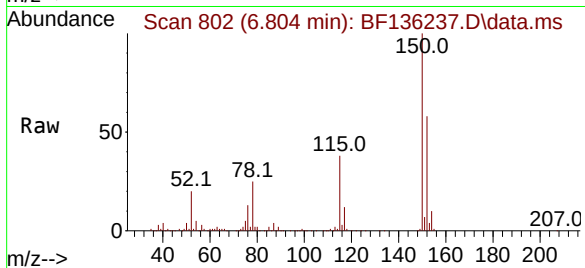




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.804 min Scan# 803
Delta R.T. -0.006 min
Lab File: BF136237.D
Acq: 27 Nov 2023 23:10

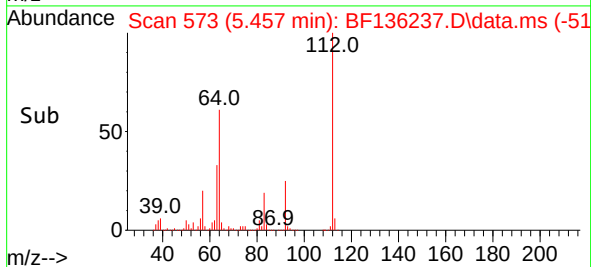
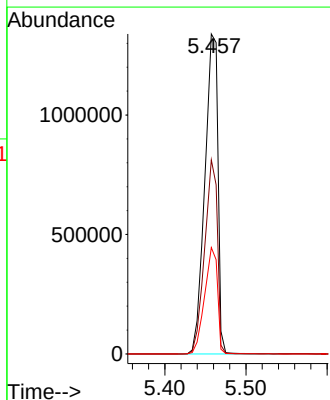
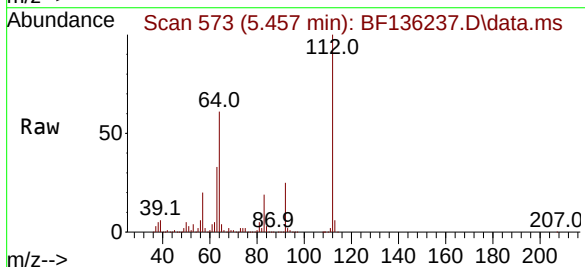
Instrument :
BNA_F
ClientSampleId :
WC-SED-02

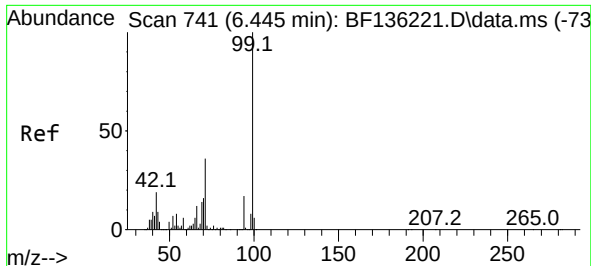
Tgt Ion:152 Resp: 156345
Ion Ratio Lower Upper
152 100
150 171.7 137.8 206.8
115 65.9 52.7 79.1



#5
2-Fluorophenol
Concen: 133.537 ng
RT: 5.457 min Scan# 573
Delta R.T. 0.018 min
Lab File: BF136237.D
Acq: 27 Nov 2023 23:10

Tgt Ion:112 Resp: 1500007
Ion Ratio Lower Upper
112 100
64 60.7 48.2 72.4
63 33.2 27.0 40.6



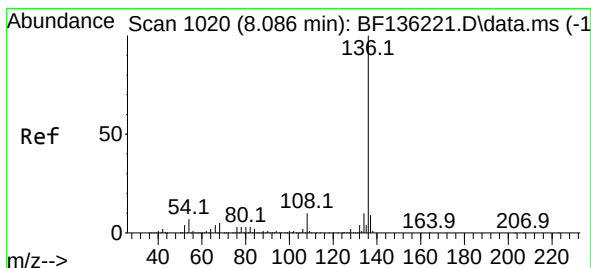
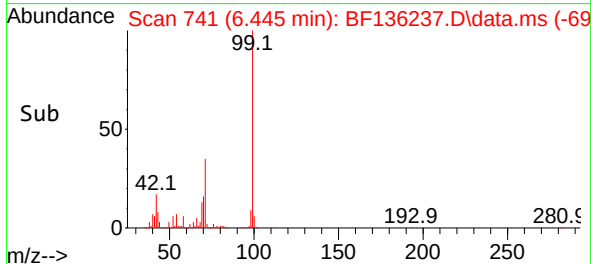
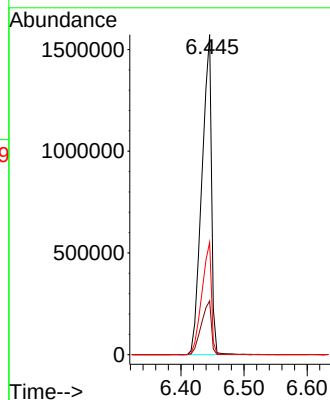
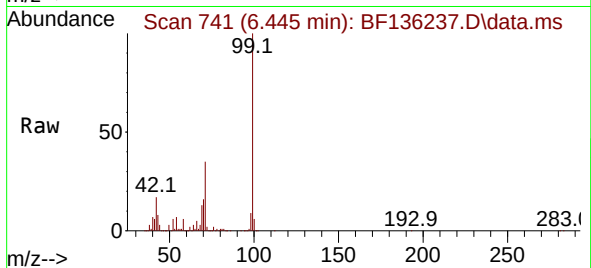


#7
Phenol-d6
Concen: 118.354 ng
RT: 6.445 min Scan# 741
Delta R.T. 0.000 min
Lab File: BF136237.D
Acq: 27 Nov 2023 23:10

Instrument :
BNA_F
ClientSampleId :
WC-SED-02

Tgt Ion: 99 Resp: 1662309

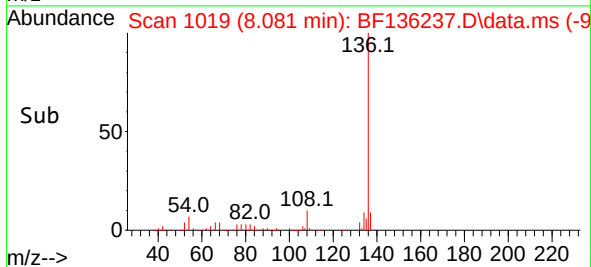
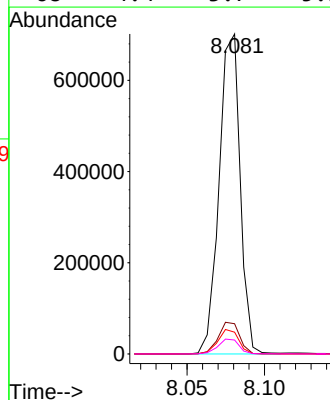
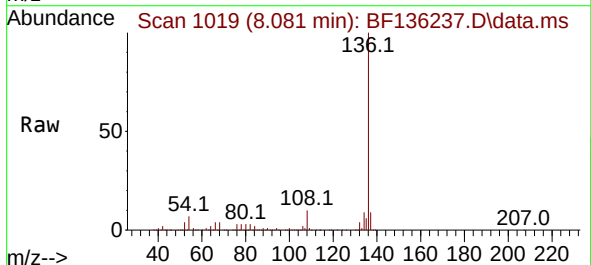
Ion	Ratio	Lower	Upper
99	100		
42	16.8	15.0	22.6
71	35.1	28.9	43.3

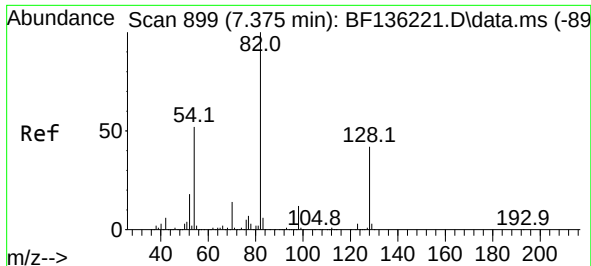


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.081 min Scan# 1019
Delta R.T. -0.006 min
Lab File: BF136237.D
Acq: 27 Nov 2023 23:10

Tgt Ion: 136 Resp: 663286

Ion	Ratio	Lower	Upper
136	100		
137	9.5	7.4	11.2
54	6.8	5.5	8.3
68	4.4	3.7	5.5





#23

Nitrobenzene-d5

Concen: 99.938 ng

RT: 7.369 min Scan# 899

Delta R.T. -0.006 min

Lab File: BF136237.D

Acq: 27 Nov 2023 23:10

Instrument :

BNA_F

ClientSampleId :

WC-SED-02

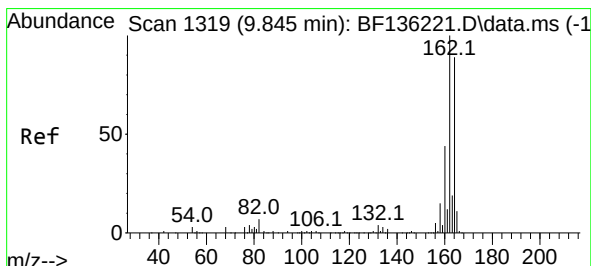
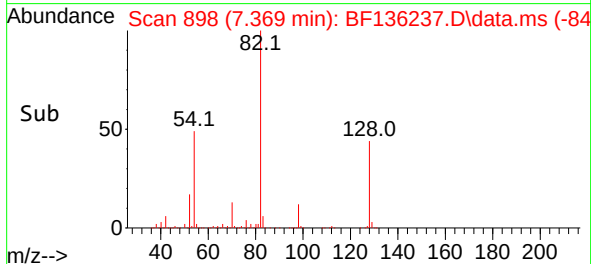
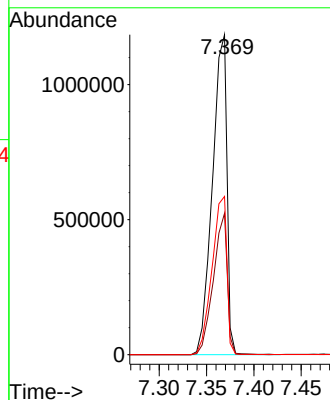
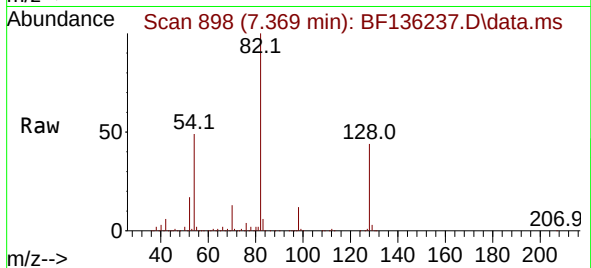
Tgt Ion: 82 Resp: 1254417

Ion Ratio Lower Upper

82 100

128 44.2 33.4 50.2

54 49.5 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: BF136237.D

Acq: 27 Nov 2023 23:10

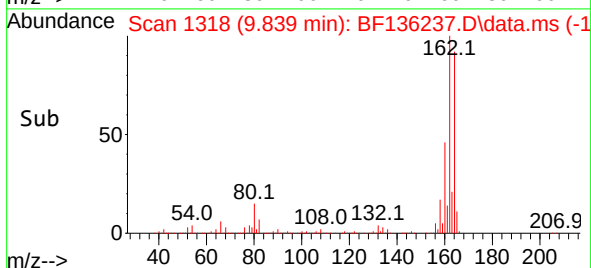
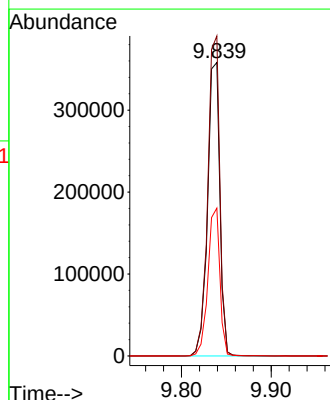
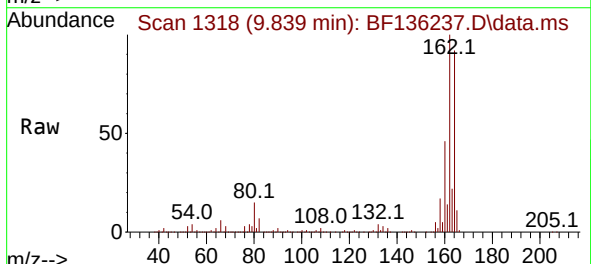
Tgt Ion:164 Resp: 339815

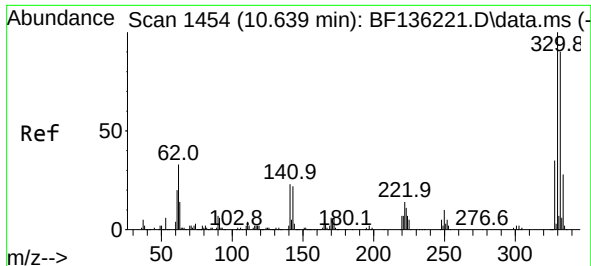
Ion Ratio Lower Upper

164 100

162 109.1 89.5 134.3

160 50.4 39.6 59.4





#42

2,4,6-Tribromophenol

Concen: 146.173 ng

RT: 10.633 min Scan# 1454

Delta R.T. -0.006 min

Lab File: BF136237.D

Acq: 27 Nov 2023 23:10

Instrument :

BNA_F

ClientSampleId :

WC-SED-02

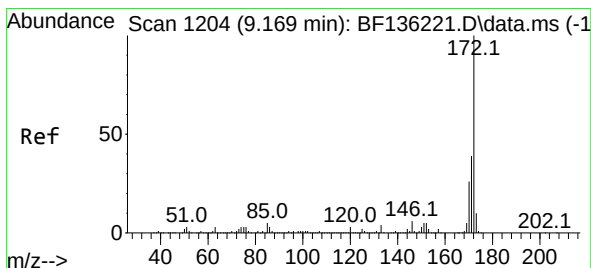
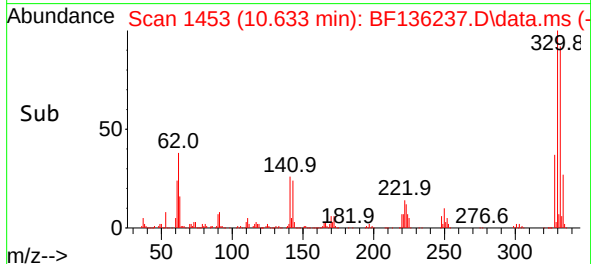
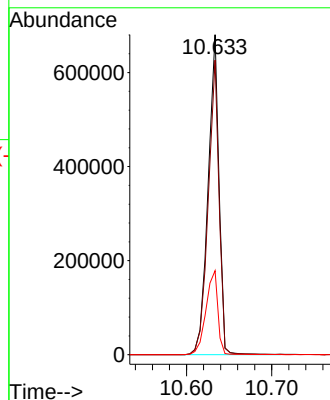
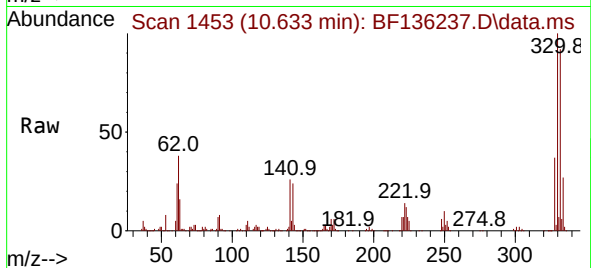
Tgt Ion:330 Resp: 607278

Ion Ratio Lower Upper

330 100

332 91.7 73.0 109.6

141 28.5 24.2 36.2



#45

2-Fluorobiphenyl

Concen: 96.747 ng

RT: 9.163 min Scan# 1203

Delta R.T. -0.006 min

Lab File: BF136237.D

Acq: 27 Nov 2023 23:10

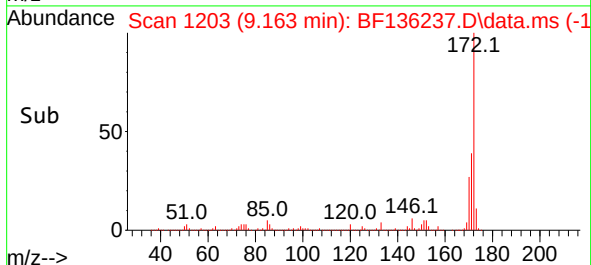
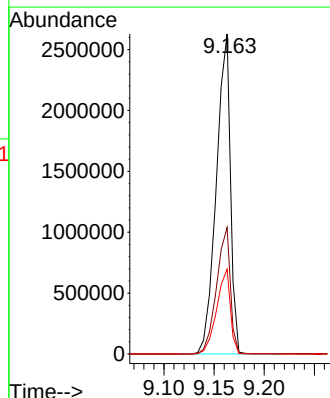
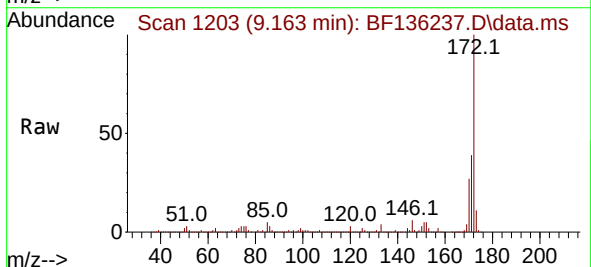
Tgt Ion:172 Resp: 2573866

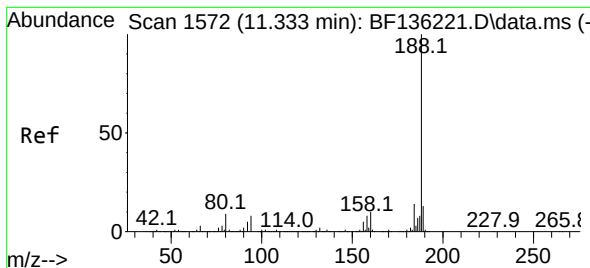
Ion Ratio Lower Upper

172 100

171 39.5 31.5 47.3

170 26.5 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: BF136237.D

Acq: 27 Nov 2023 23:10

Instrument :

BNA_F

ClientSampleId :

WC-SED-02

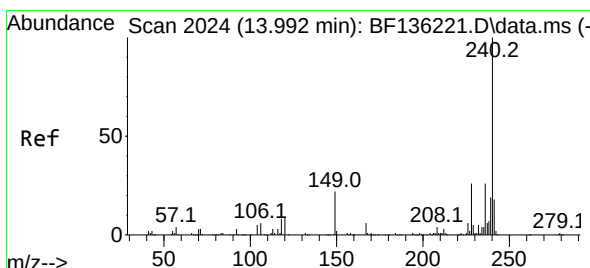
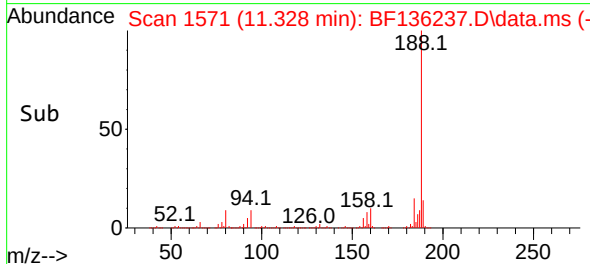
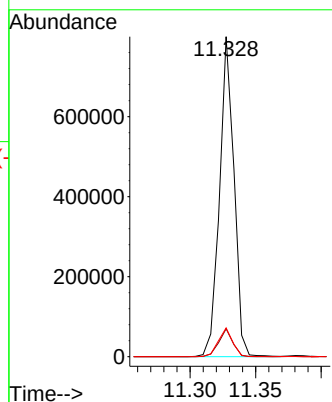
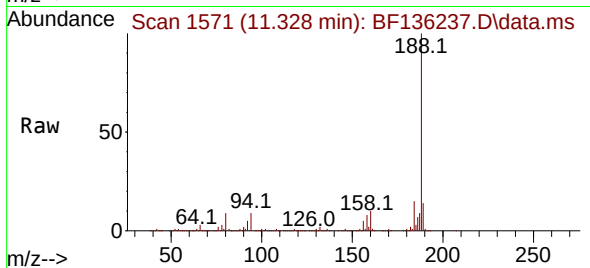
Tgt Ion:188 Resp: 612923

Ion Ratio Lower Upper

188 100

94 8.7 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: BF136237.D

Acq: 27 Nov 2023 23:10

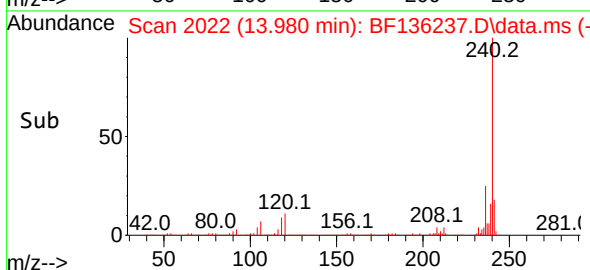
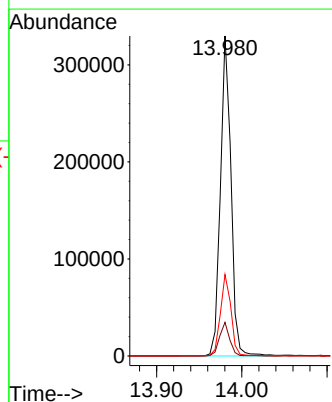
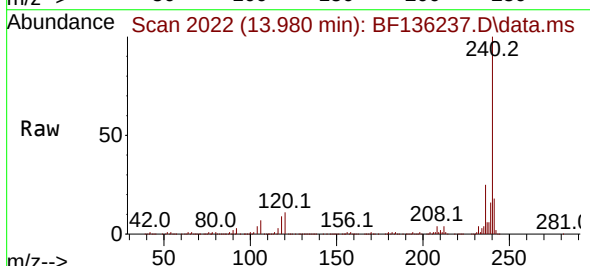
Tgt Ion:240 Resp: 283336

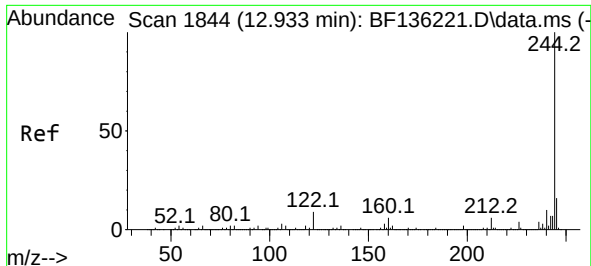
Ion Ratio Lower Upper

240 100

120 10.5 7.4 11.2

236 25.5 21.1 31.7

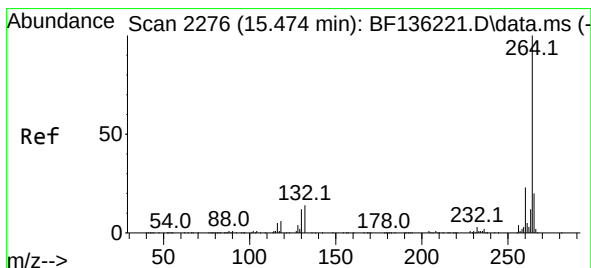
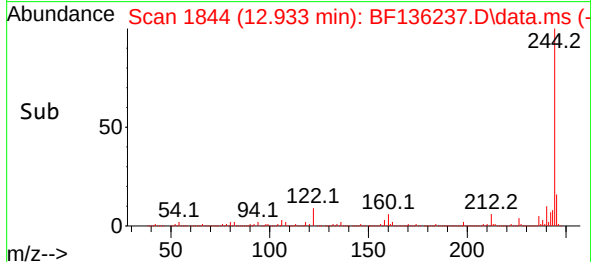
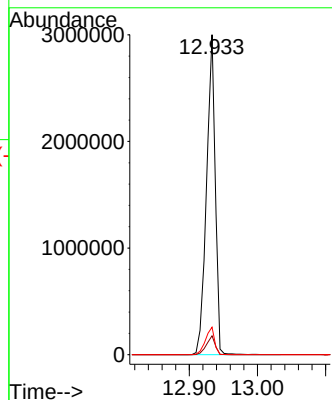
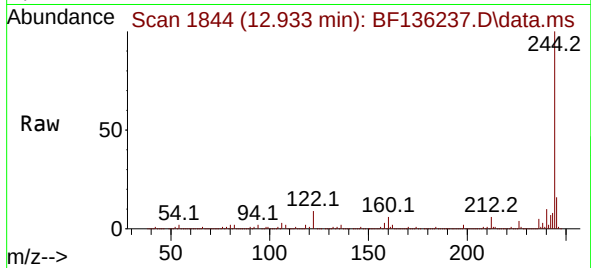




#79
 Terphenyl-d14
 Concen: 109.167 ng
 RT: 12.933 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: BF136237.D
 Acq: 27 Nov 2023 23:10

Instrument :
 BNA_F
 ClientSampleId :
 WC-SED-02

Tgt Ion:244 Resp: 2681502
 Ion Ratio Lower Upper
 244 100
 212 5.9 4.6 7.0
 122 8.6 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: BF136237.D
 Acq: 27 Nov 2023 23:10

Tgt Ion:264 Resp: 247923
 Ion Ratio Lower Upper
 264 100
 260 22.8 18.6 27.8
 265 20.4 15.7 23.5

