

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112423\
 Data File : BF136196.D
 Acq On : 25 Nov 2023 00:39
 Operator : CG\JU
 Sample : PB157264BL
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB157264BL

Quant Time: Nov 25 03:58:39 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110723.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 24 23:44:28 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.804	152	123073	20.000	ng	0.00
21) Naphthalene-d8	8.081	136	538630	20.000	ng	0.00
39) Acenaphthene-d10	9.839	164	273775	20.000	ng	0.00
64) Phenanthrene-d10	11.327	188	526817	20.000	ng	-0.01
76) Chrysene-d12	13.980	240	282720	20.000	ng	0.00
86) Perylene-d12	15.457	264	275832	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.445	112	988547	127.892	ng	0.01
7) Phenol-d6	6.439	99	1195740	125.716	ng	0.00
23) Nitrobenzene-d5	7.369	82	751801	77.888	ng	0.00
42) 2,4,6-Tribromophenol	10.633	330	347774	121.287	ng	0.00
45) 2-Fluorobiphenyl	9.163	172	1619788	87.457	ng	0.00
79) Terphenyl-d14	12.927	244	1912388	96.017	ng	0.00

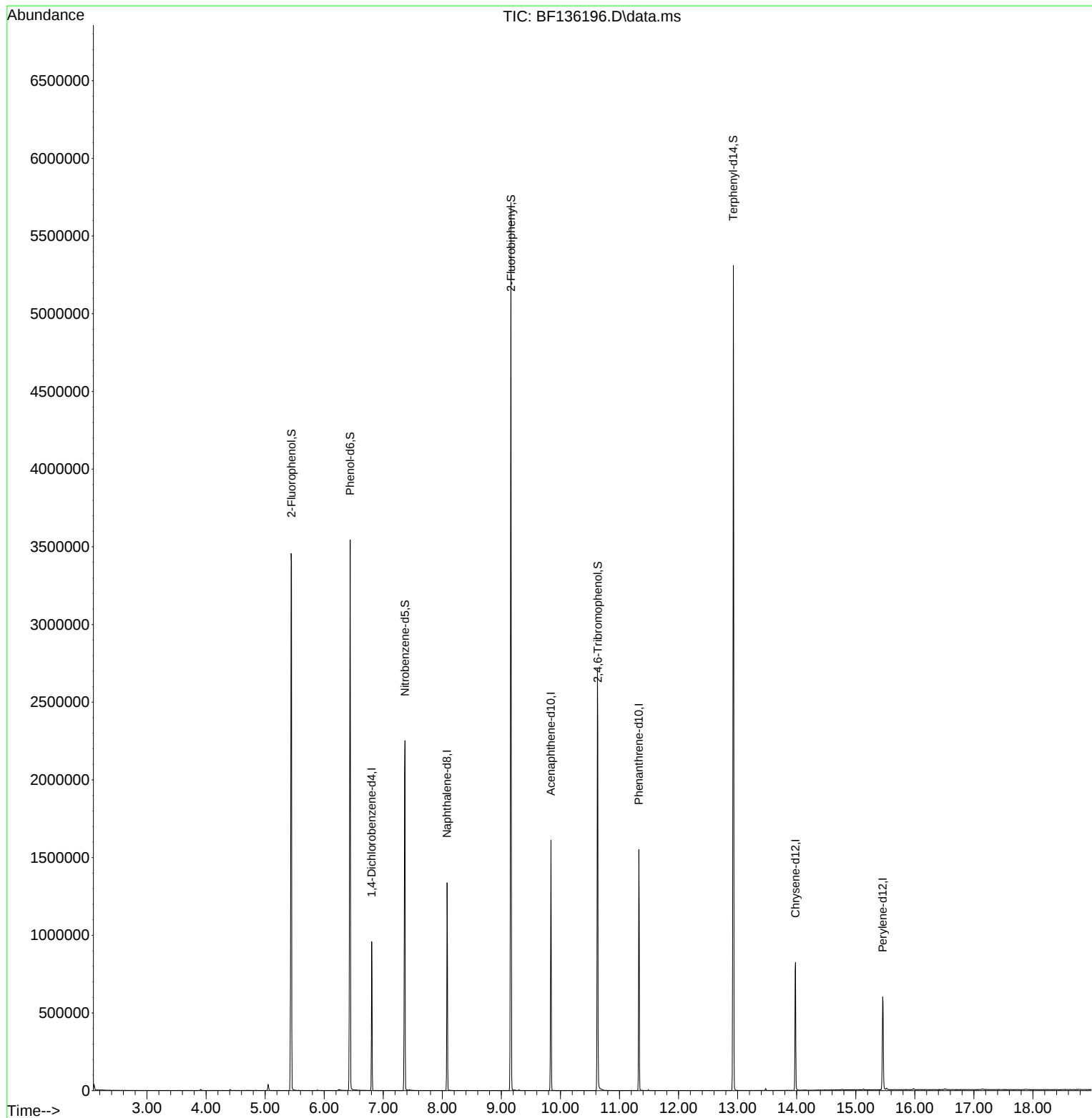
Target Compounds	Qvalue

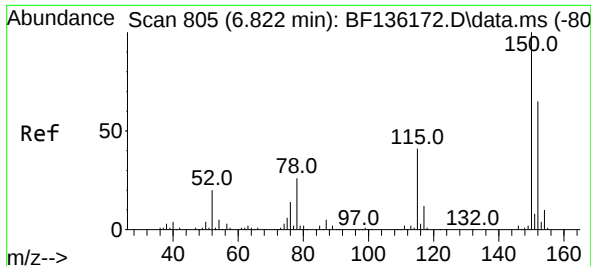
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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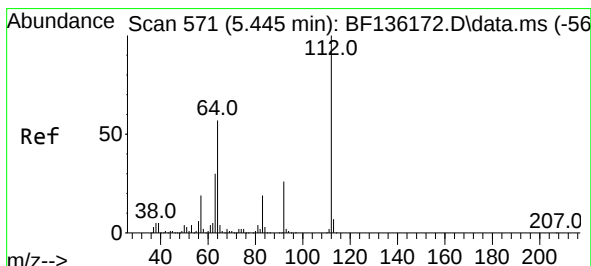
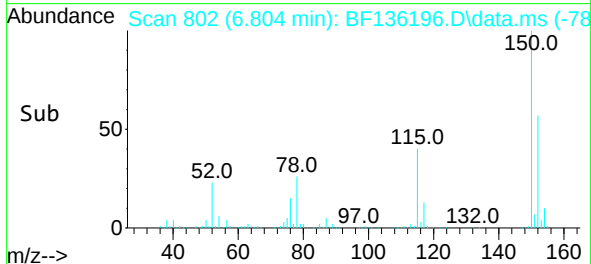
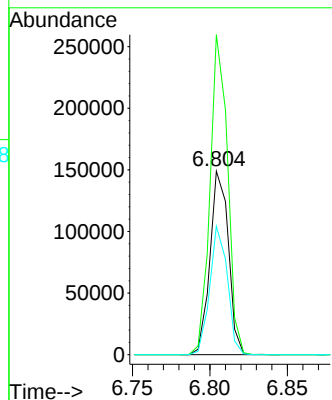
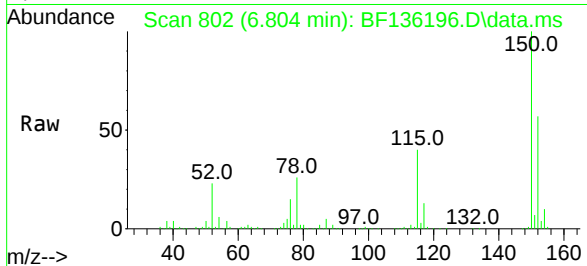




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.804 min Scan# 805
Delta R.T. -0.006 min
Lab File: BF136196.D
Acq: 25 Nov 2023 00:39

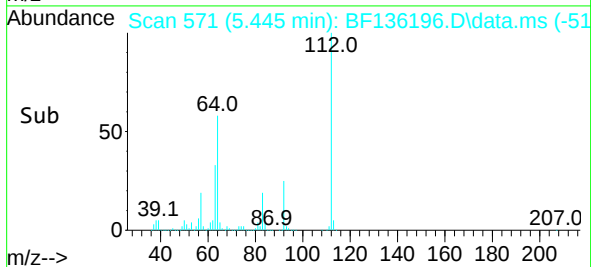
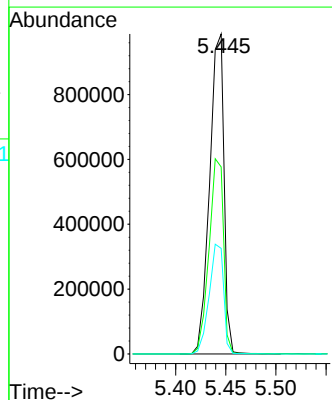
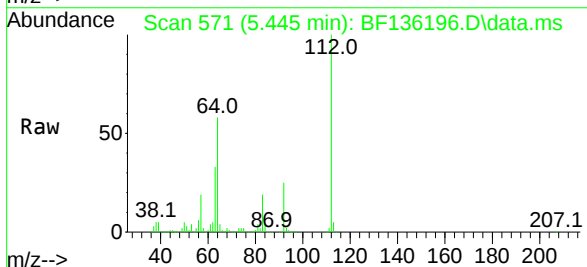
Instrument :
BNA_F
ClientSampleId :
PB157264BL

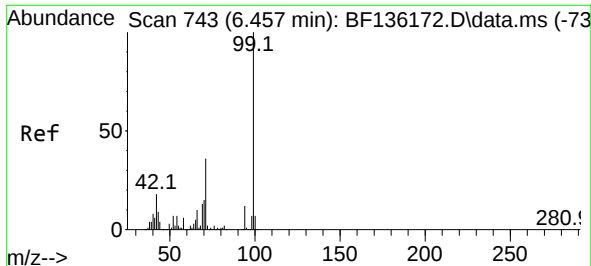
Tgt Ion:152 Resp: 123073
Ion Ratio Lower Upper
152 100
150 174.4 123.1 184.7
115 70.0 50.5 75.7



#5
2-Fluorophenol
Concen: 127.892 ng
RT: 5.445 min Scan# 571
Delta R.T. 0.011 min
Lab File: BF136196.D
Acq: 25 Nov 2023 00:39

Tgt Ion:112 Resp: 988547
Ion Ratio Lower Upper
112 100
64 58.4 45.4 68.0
63 33.0 24.4 36.6

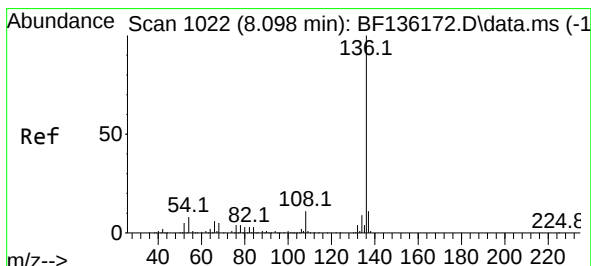
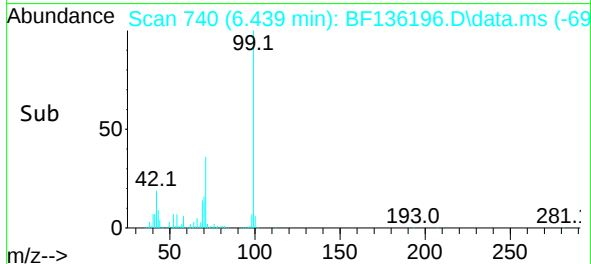
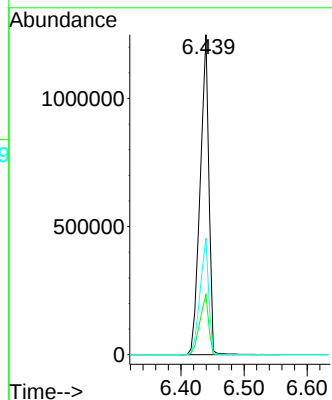
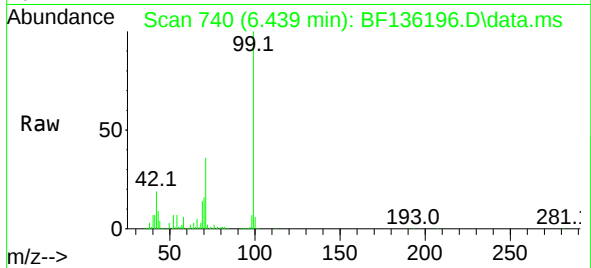




#7
Phenol-d6
Concen: 125.716 ng
RT: 6.439 min Scan# 74
Delta R.T. -0.006 min
Lab File: BF136196.D
Acq: 25 Nov 2023 00:39

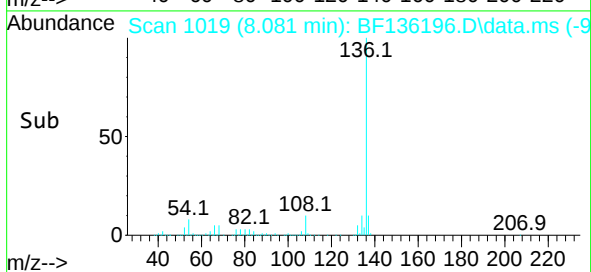
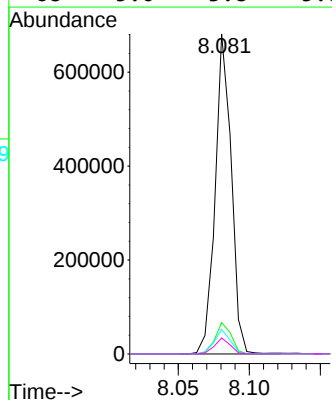
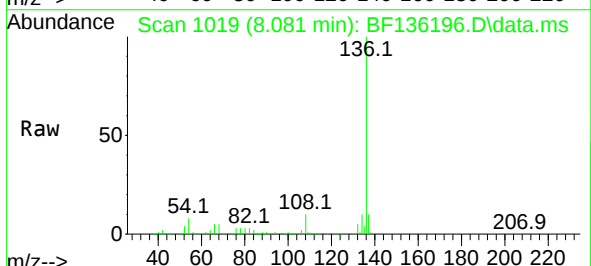
Instrument :
BNA_F
ClientSampleId :
PB157264BL

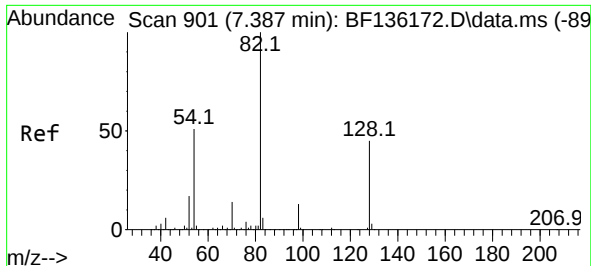
Tgt Ion: 99 Resp: 1195740
Ion Ratio Lower Upper
99 100
42 18.8 14.1 21.1
71 36.4 29.0 43.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.081 min Scan# 1019
Delta R.T. -0.006 min
Lab File: BF136196.D
Acq: 25 Nov 2023 00:39

Tgt Ion: 136 Resp: 538630
Ion Ratio Lower Upper
136 100
137 9.8 8.6 13.0
54 7.7 6.3 9.5
68 5.0 3.8 5.8





#23

Nitrobenzene-d5

Concen: 77.888 ng

RT: 7.369 min Scan# 89

Delta R.T. -0.006 min

Lab File: BF136196.D

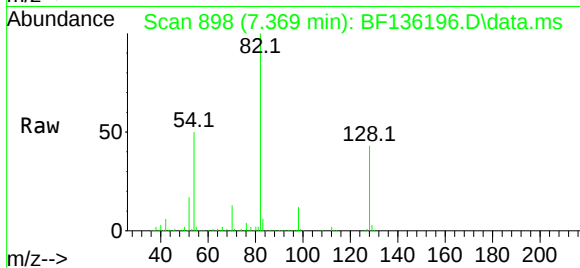
Acq: 25 Nov 2023 00:39

Instrument :

BNA_F

ClientSampleId :

PB157264BL



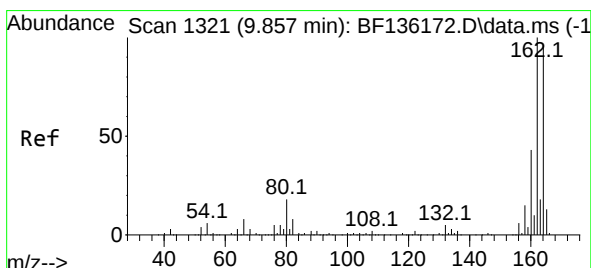
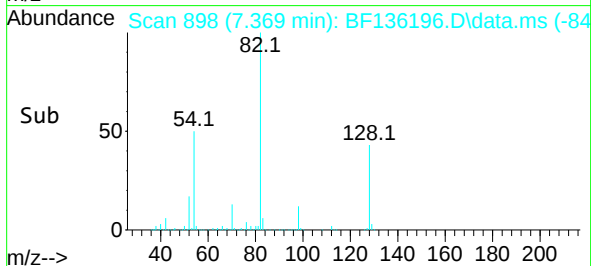
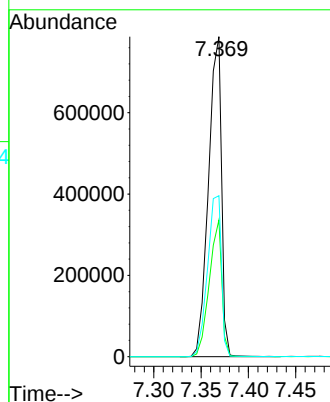
Tgt Ion: 82 Resp: 751801

Ion Ratio Lower Upper

82 100

128 42.7 35.8 53.6

54 50.3 40.6 60.8



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.839 min Scan# 1318

Delta R.T. -0.006 min

Lab File: BF136196.D

Acq: 25 Nov 2023 00:39

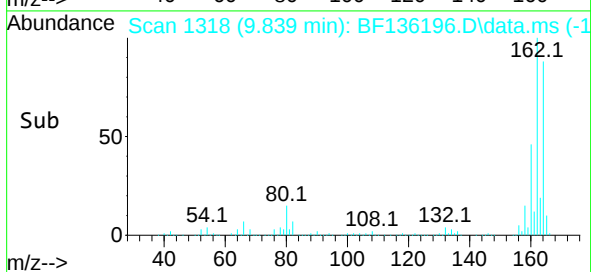
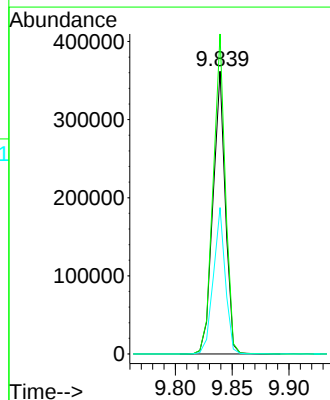
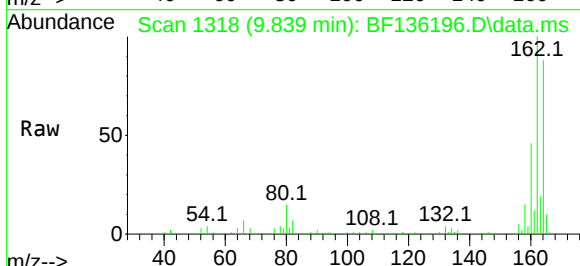
Tgt Ion: 164 Resp: 273775

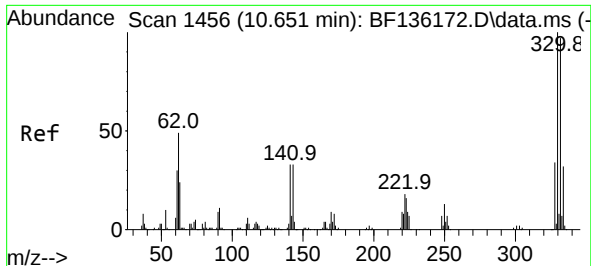
Ion Ratio Lower Upper

164 100

162 113.2 83.2 124.8

160 51.8 35.8 53.8





#42

2,4,6-Tribromophenol

Concen: 121.287 ng

RT: 10.633 min Scan# 1456

Delta R.T. -0.006 min

Lab File: BF136196.D

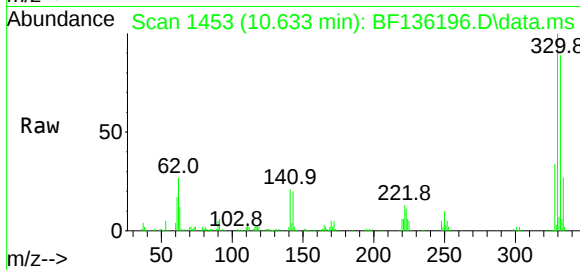
Acq: 25 Nov 2023 00:39

Instrument :

BNA_F

ClientSampleId :

PB157264BL



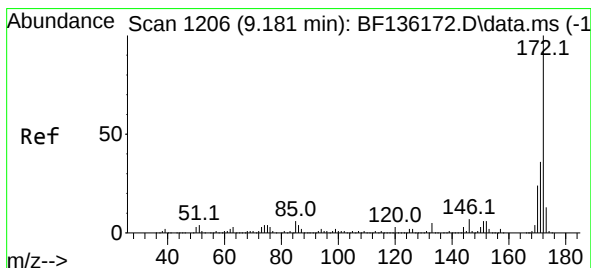
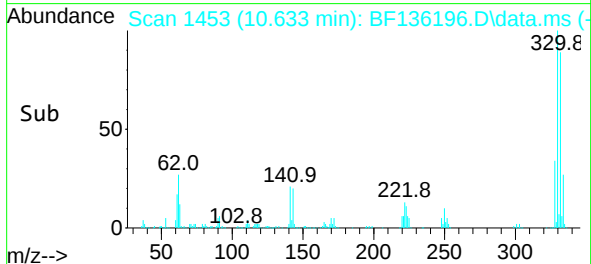
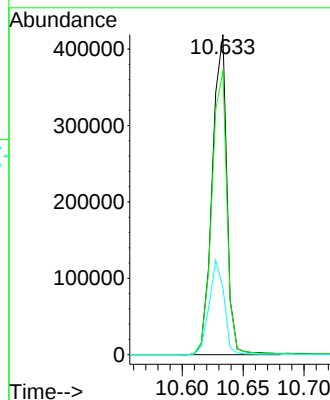
Tgt Ion: 330 Resp: 347774

Ion Ratio Lower Upper

330 100

332 93.2 77.6 116.4

141 30.3 25.8 38.6



#45

2-Fluorobiphenyl

Concen: 87.457 ng

RT: 9.163 min Scan# 1203

Delta R.T. -0.006 min

Lab File: BF136196.D

Acq: 25 Nov 2023 00:39

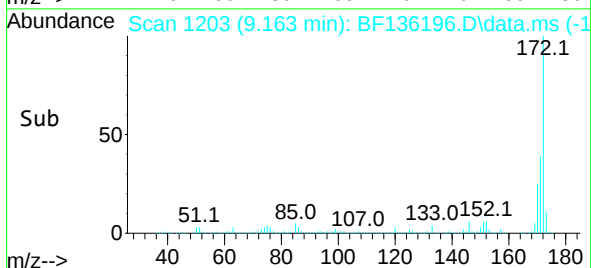
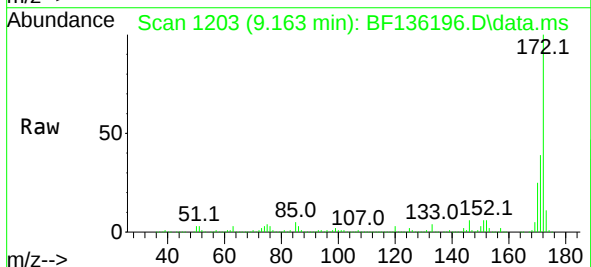
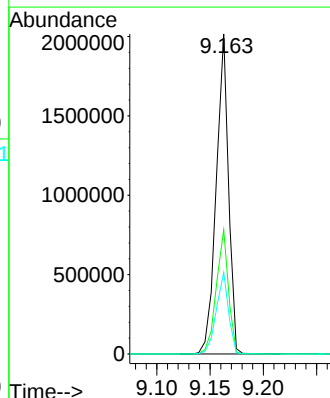
Tgt Ion: 172 Resp: 1619788

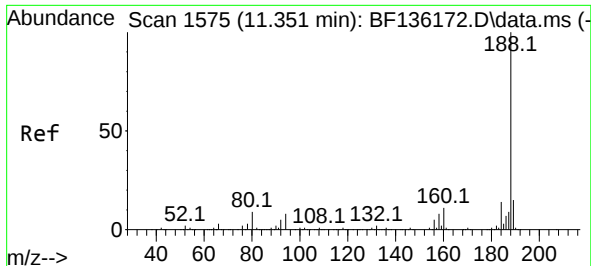
Ion Ratio Lower Upper

172 100

171 38.8 28.9 43.3

170 25.5 19.1 28.7

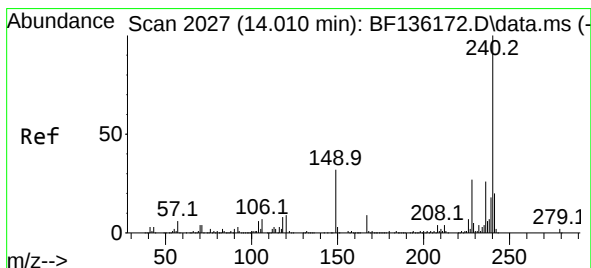
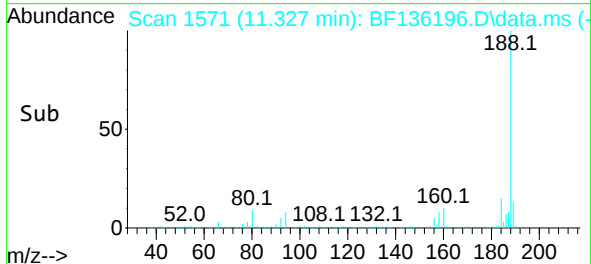
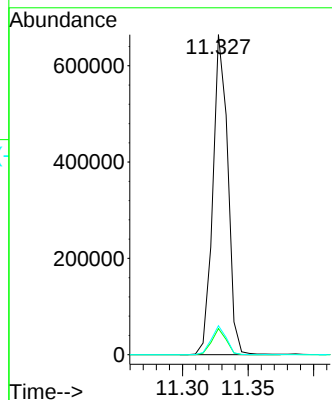
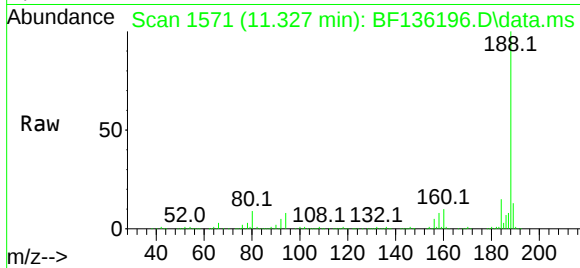




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.327 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF136196.D
Acq: 25 Nov 2023 00:39

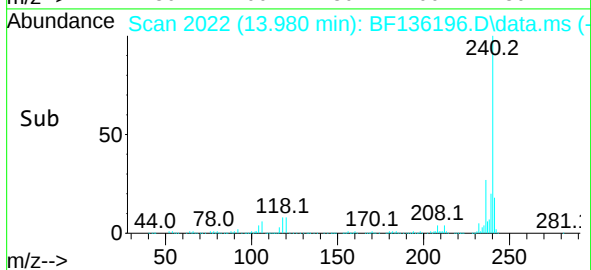
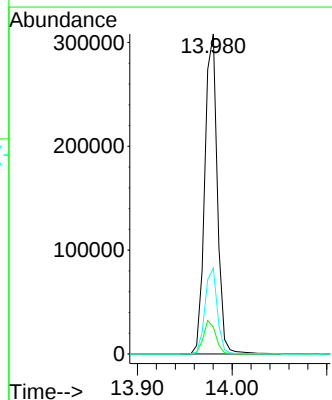
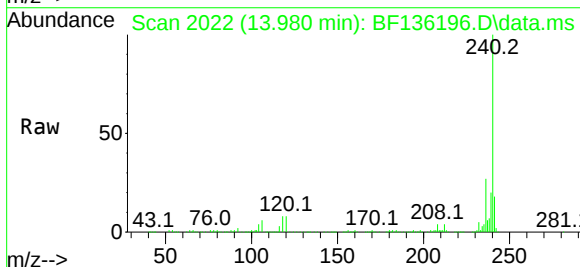
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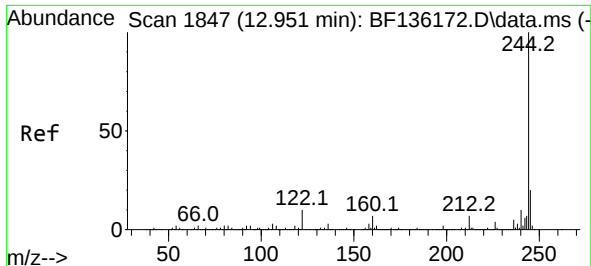
Tgt Ion:188 Resp: 526817
Ion Ratio Lower Upper
188 100
94 8.2 6.6 9.8
80 9.1 7.3 10.9



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.980 min Scan# 2022
Delta R.T. -0.006 min
Lab File: BF136196.D
Acq: 25 Nov 2023 00:39

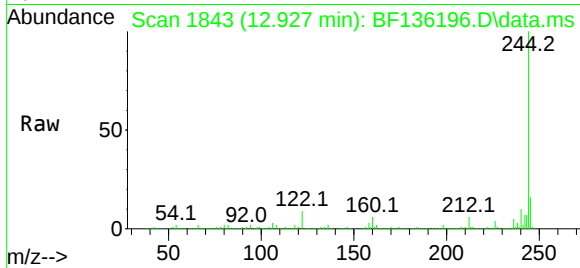
Tgt Ion:240 Resp: 282720
Ion Ratio Lower Upper
240 100
120 8.4 7.1 10.7
236 26.9 20.9 31.3



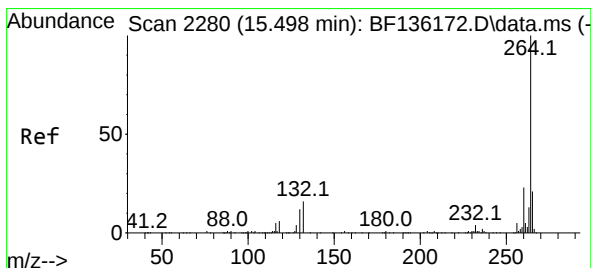
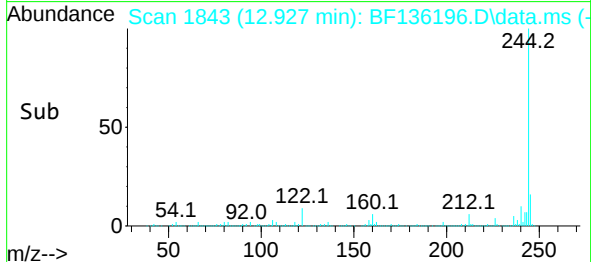
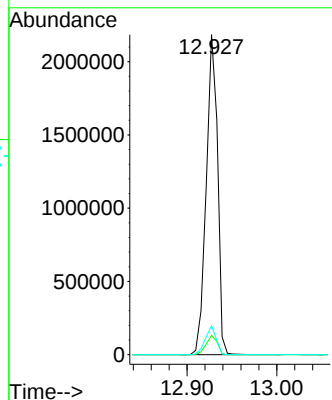


#79
 Terphenyl-d14
 Concen: 96.017 ng
 RT: 12.927 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF136196.D
 Acq: 25 Nov 2023 00:39

Instrument :
 BNA_F
 ClientSampleId :
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Tgt Ion:244 Resp: 1912388
 Ion Ratio Lower Upper
 244 100
 212 6.1 5.4 8.0
 122 9.1 8.1 12.1



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.457 min Scan# 2273
 Delta R.T. -0.012 min
 Lab File: BF136196.D
 Acq: 25 Nov 2023 00:39

Tgt Ion:264 Resp: 275832
 Ion Ratio Lower Upper
 264 100
 260 24.3 18.5 27.7
 265 21.0 16.9 25.3

