

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120423\
 Data File : BF136377.D
 Acq On : 04 Dec 2023 12:39
 Operator : CG\JU
 Sample : 05561-01
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 A821

Quant Time: Dec 04 12:57:51 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	6.798	152	136364	20.000	ng	-0.01
21) Naphthalene-d8	8.075	136	566213	20.000	ng	-0.01
39) Acenaphthene-d10	9.833	164	296419	20.000	ng	-0.01
64) Phenanthrene-d10	11.322	188	559765	20.000	ng	-0.01
76) Chrysene-d12	13.974	240	331910	20.000	ng	-0.02
86) Perylene-d12	15.457	264	302385	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.434	112	586074	59.820	ng	0.00
7) Phenol-d6	6.434	99	457963	37.384	ng	-0.01
23) Nitrobenzene-d5	7.363	82	965508	90.108	ng	-0.01
42) 2,4,6-Tribromophenol	10.627	330	512560	141.436	ng	-0.01
45) 2-Fluorobiphenyl	9.157	172	1941726	83.671	ng	-0.01
79) Terphenyl-d14	12.927	244	2304285	80.081	ng	0.00

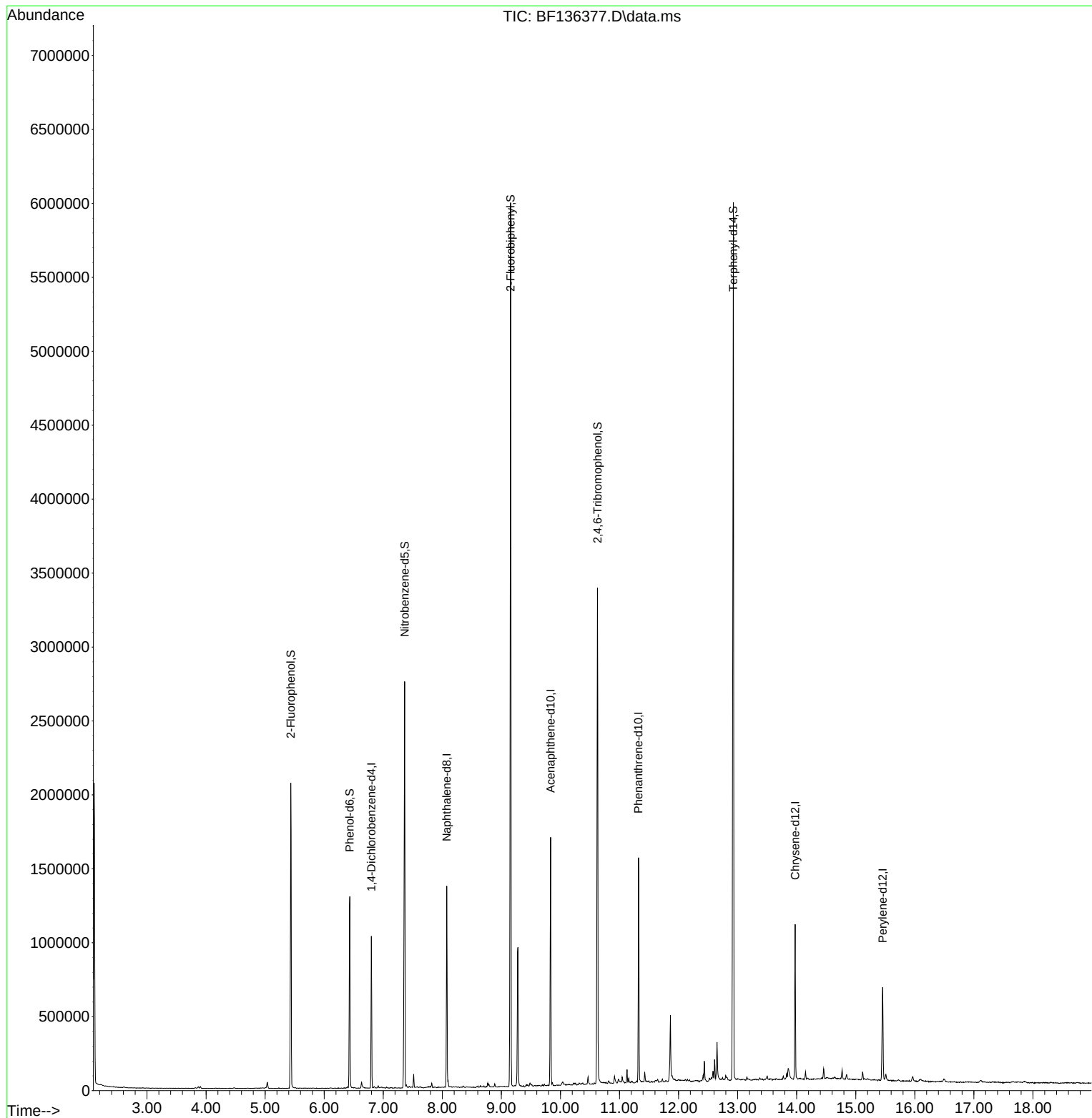
Target Compounds	Qvalue

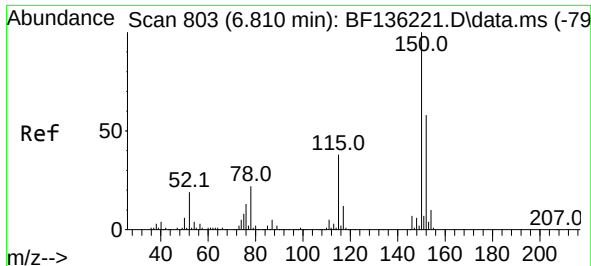
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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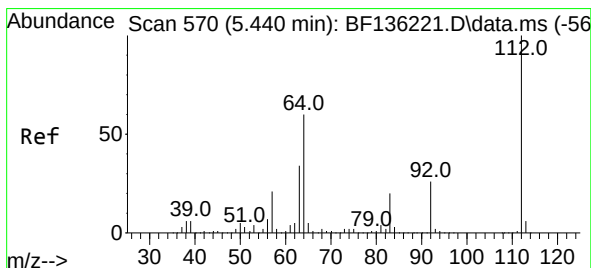
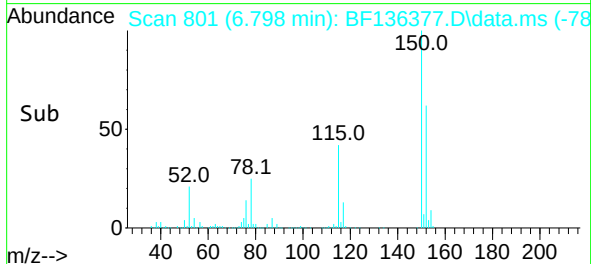
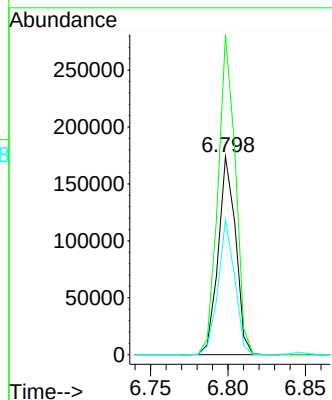
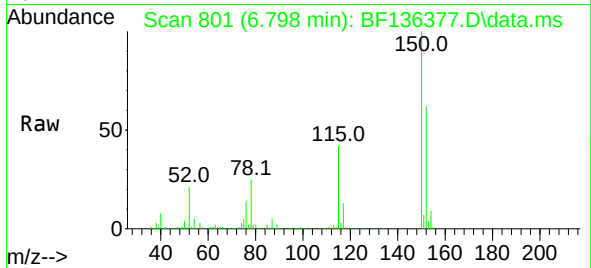




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.798 min Scan# 803
Delta R.T. -0.012 min
Lab File: BF136377.D
Acq: 04 Dec 2023 12:39

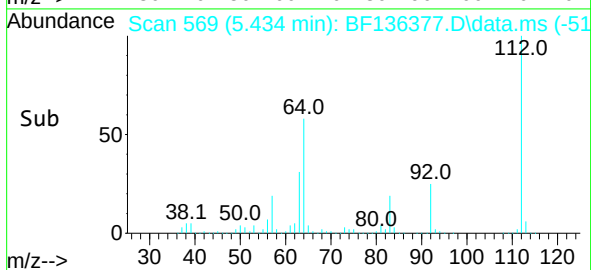
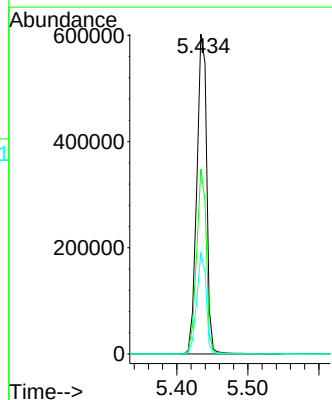
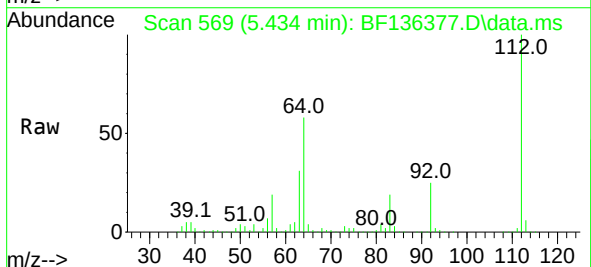
Instrument :
BNA_F
ClientSampleId :
A821

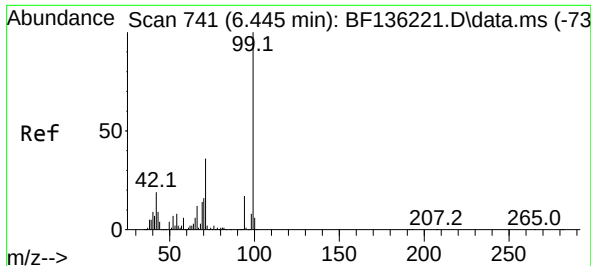
Tgt Ion:152 Resp: 136364
Ion Ratio Lower Upper
152 100
150 161.5 137.8 206.8
115 68.0 52.7 79.1



#5
2-Fluorophenol
Concen: 59.820 ng
RT: 5.434 min Scan# 569
Delta R.T. -0.006 min
Lab File: BF136377.D
Acq: 04 Dec 2023 12:39

Tgt Ion:112 Resp: 586074
Ion Ratio Lower Upper
112 100
64 57.8 48.2 72.4
63 31.5 27.0 40.6

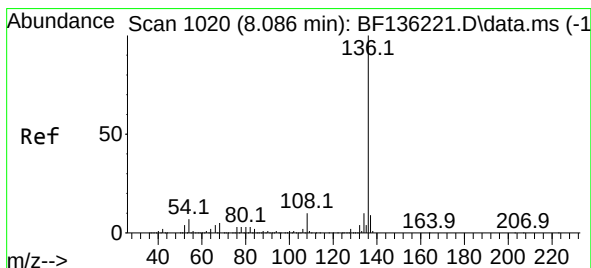
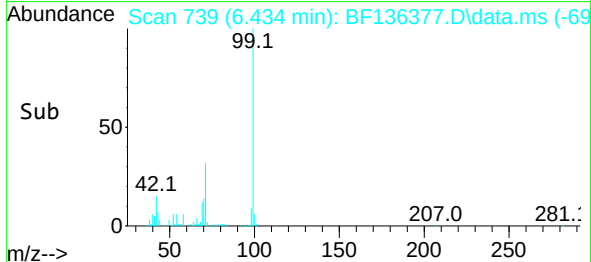
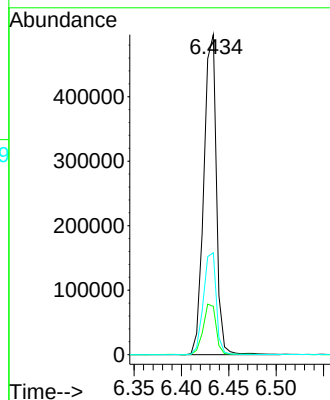
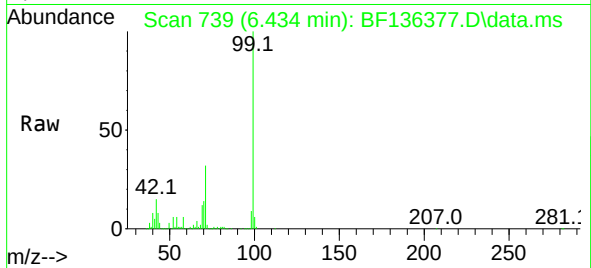




#7
Phenol-d6
Concen: 37.384 ng
RT: 6.434 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF136377.D
Acq: 04 Dec 2023 12:39

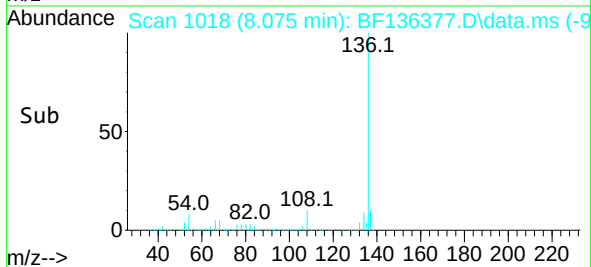
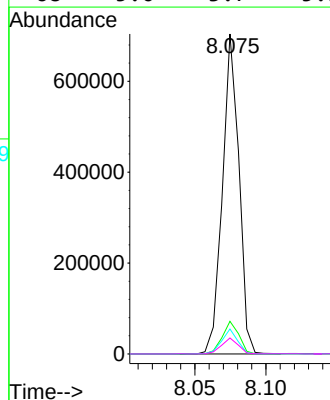
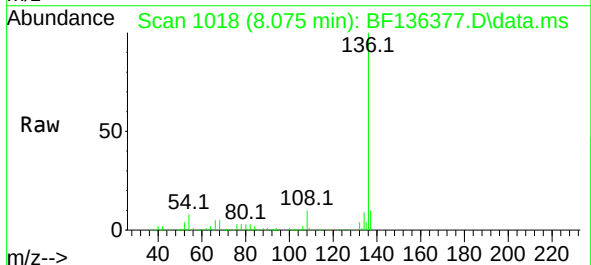
Instrument :
BNA_F
ClientSampleId :
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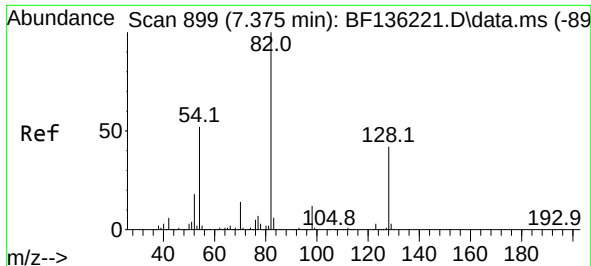
Tgt Ion: 99 Resp: 457963
Ion Ratio Lower Upper
99 100
42 15.1 15.0 22.6
71 31.9 28.9 43.3



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.075 min Scan# 1018
Delta R.T. -0.012 min
Lab File: BF136377.D
Acq: 04 Dec 2023 12:39

Tgt Ion: 136 Resp: 566213
Ion Ratio Lower Upper
136 100
137 10.2 7.4 11.2
54 7.8 5.5 8.3
68 5.0 3.7 5.5





#23

Nitrobenzene-d5

Concen: 90.108 ng

RT: 7.363 min Scan# 89

Delta R.T. -0.012 min

Lab File: BF136377.D

Acq: 04 Dec 2023 12:39

Instrument :

BNA_F

ClientSampleId :

A821

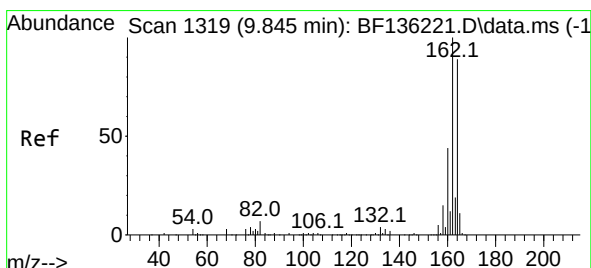
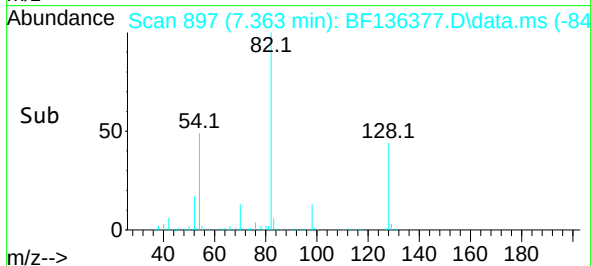
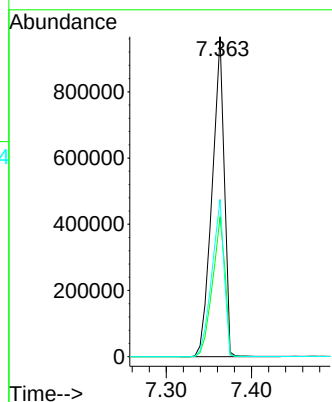
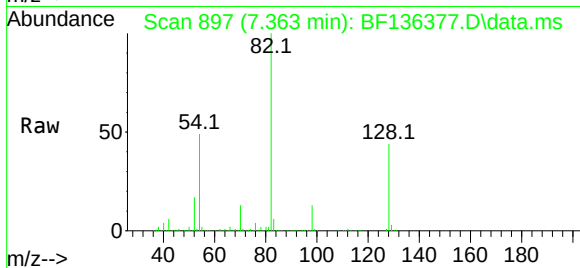
Tgt Ion: 82 Resp: 965508

Ion Ratio Lower Upper

82 100

128 43.6 33.4 50.2

54 49.1 41.7 62.5



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.833 min Scan# 1317

Delta R.T. -0.012 min

Lab File: BF136377.D

Acq: 04 Dec 2023 12:39

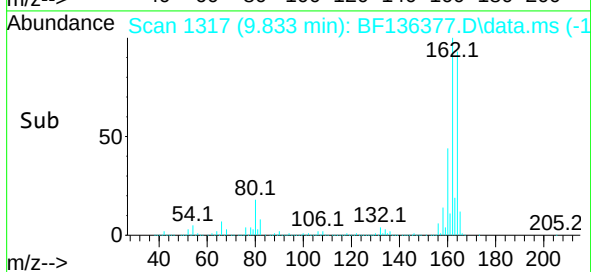
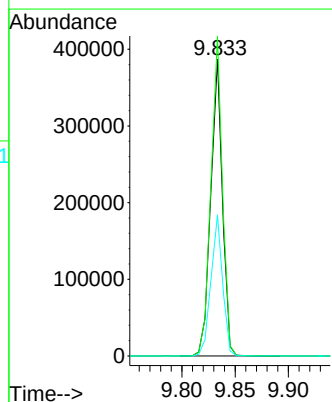
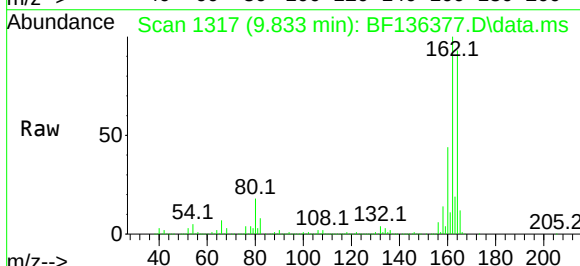
Tgt Ion:164 Resp: 296419

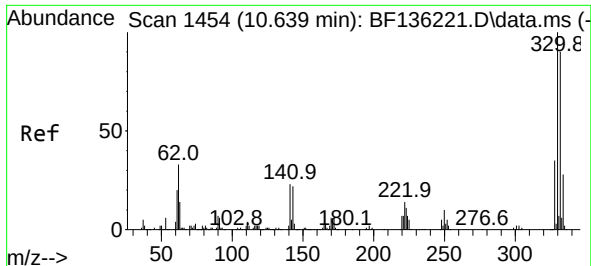
Ion Ratio Lower Upper

164 100

162 107.7 89.5 134.3

160 47.5 39.6 59.4





#42

2,4,6-Tribromophenol

Concen: 141.436 ng

RT: 10.627 min Scan# 1452

Delta R.T. -0.012 min

Lab File: BF136377.D

Acq: 04 Dec 2023 12:39

Instrument :

BNA_F

ClientSampleId :

A821

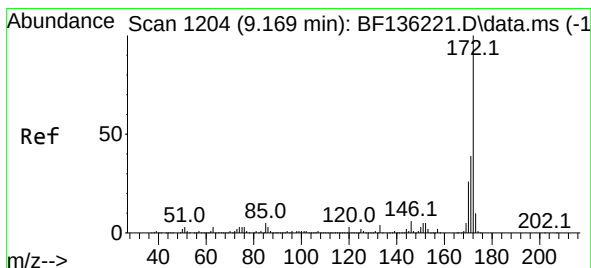
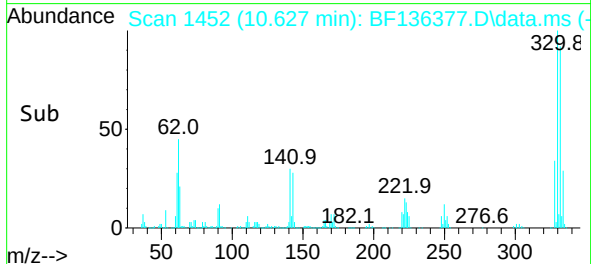
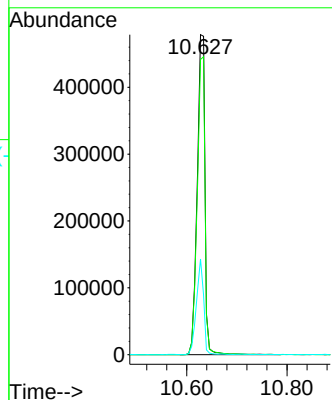
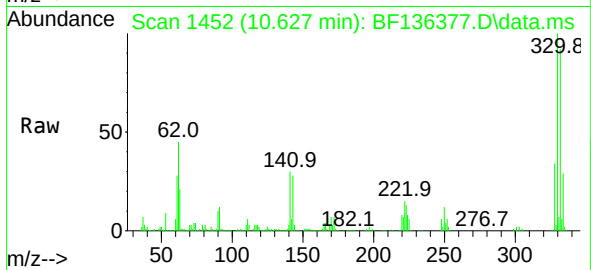
Tgt Ion:330 Resp: 512560

Ion Ratio Lower Upper

330 100

332 92.9 73.0 109.6

141 28.0 24.2 36.2



#45

2-Fluorobiphenyl

Concen: 83.671 ng

RT: 9.157 min Scan# 1202

Delta R.T. -0.012 min

Lab File: BF136377.D

Acq: 04 Dec 2023 12:39

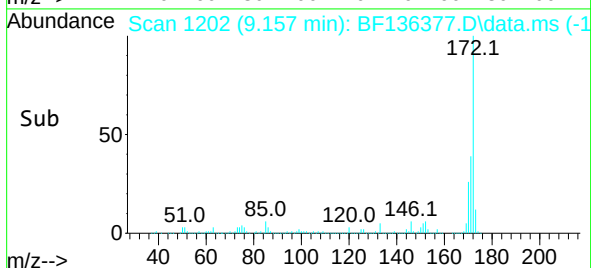
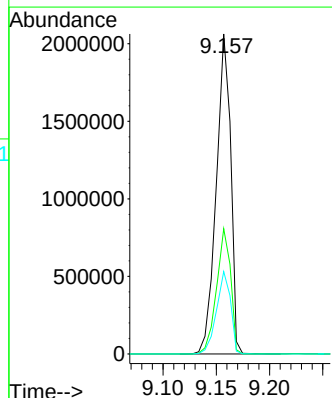
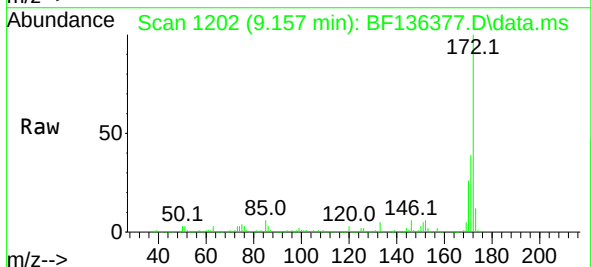
Tgt Ion:172 Resp: 1941726

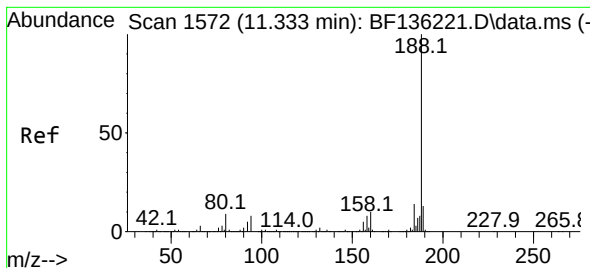
Ion Ratio Lower Upper

172 100

171 39.2 31.5 47.3

170 25.8 20.8 31.2

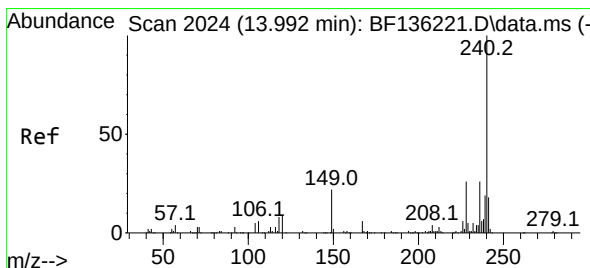
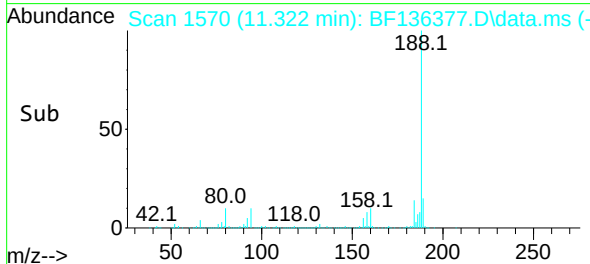
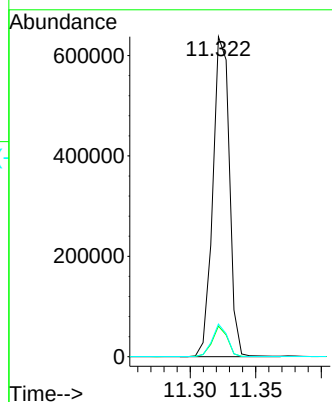
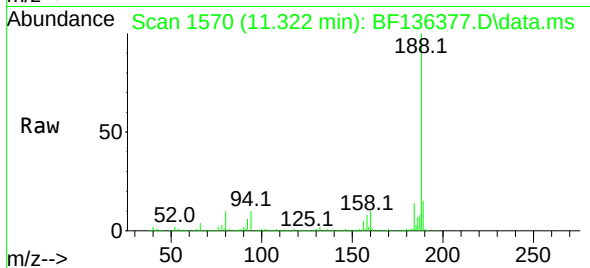




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.322 min Scan# 11
Delta R.T. -0.011 min
Lab File: BF136377.D
Acq: 04 Dec 2023 12:39

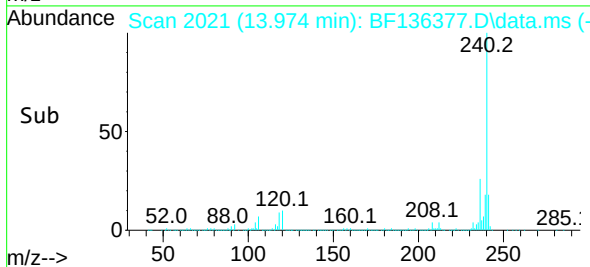
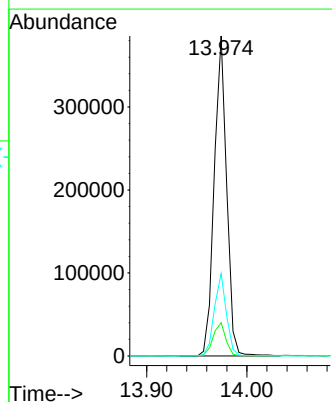
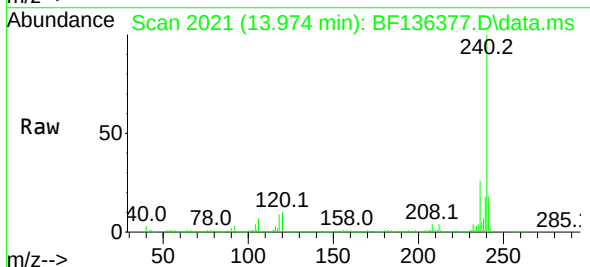
Instrument :
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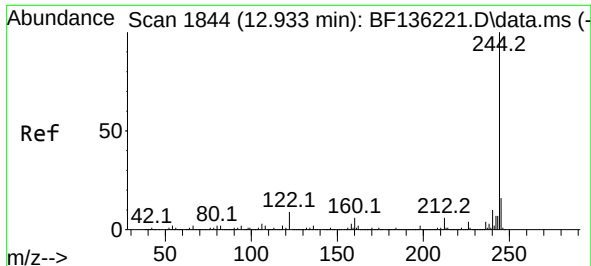
Tgt Ion:188 Resp: 559765
Ion Ratio Lower Upper
188 100
94 9.6 6.7 10.1
80 10.2 7.2 10.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.974 min Scan# 2021
Delta R.T. -0.018 min
Lab File: BF136377.D
Acq: 04 Dec 2023 12:39

Tgt Ion:240 Resp: 331910
Ion Ratio Lower Upper
240 100
120 10.4 7.4 11.2
236 25.8 21.1 31.7

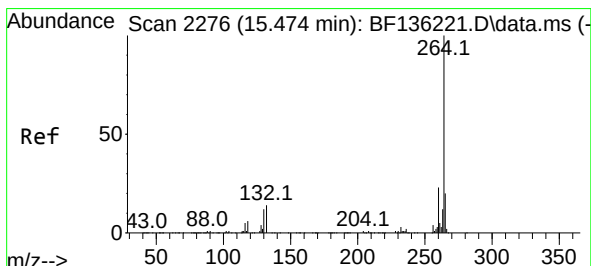
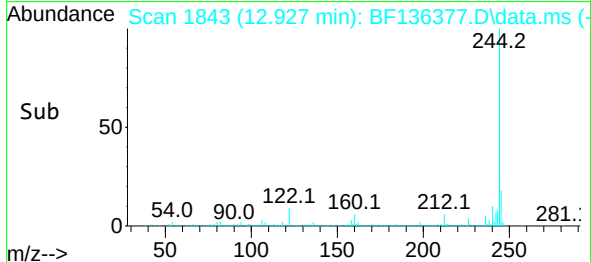
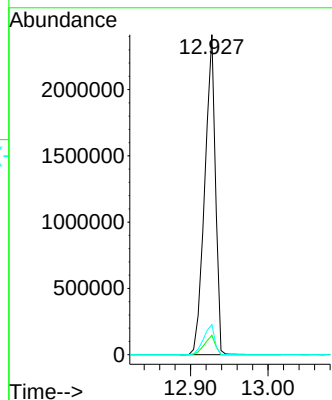
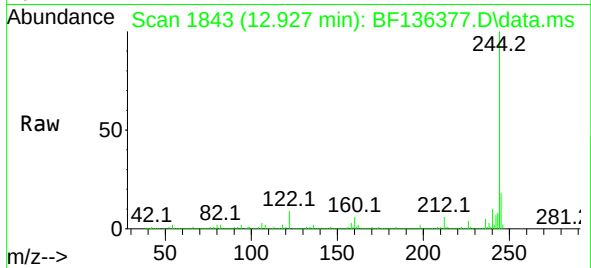




#79
 Terphenyl-d14
 Concen: 80.081 ng
 RT: 12.927 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF136377.D
 Acq: 04 Dec 2023 12:39

Instrument :
 BNA_F
 ClientSampleId :
 A821

Tgt Ion:244 Resp: 2304285
 Ion Ratio Lower Upper
 244 100
 212 6.0 4.6 7.0
 122 9.4 7.3 10.9



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.457 min Scan# 2273
 Delta R.T. -0.017 min
 Lab File: BF136377.D
 Acq: 04 Dec 2023 12:39

Tgt Ion:264 Resp: 302385
 Ion Ratio Lower Upper
 264 100
 260 23.1 18.6 27.8
 265 20.7 15.7 23.5

