

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120423\
 Data File : BF136394.D
 Acq On : 04 Dec 2023 21:40
 Operator : CG\JU
 Sample : 05562-01DL 5X
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SU-03-112823DL

Quant Time: Dec 05 00:37:41 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112723.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 04 13:30:53 2023
 Response via : Initial Calibration

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

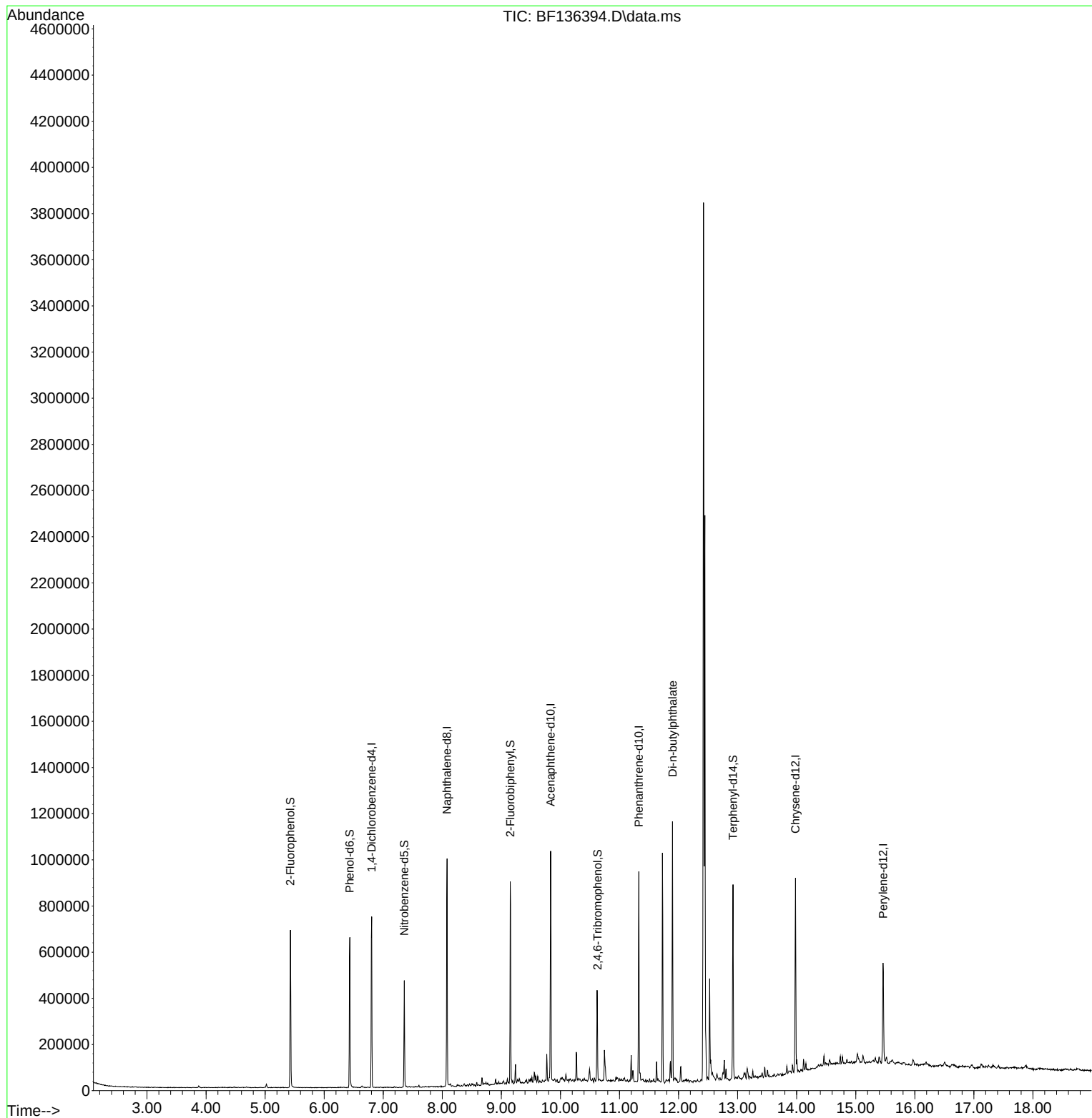
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.804	152	108941	20.000	ng	0.00
21) Naphthalene-d8	8.081	136	414995	20.000	ng	0.00
39) Acenaphthene-d10	9.833	164	187056	20.000	ng	0.00
64) Phenanthrene-d10	11.327	188	309781	20.000	ng	0.00
76) Chrysene-d12	13.980	240	266265	20.000	ng	0.00
86) Perylene-d12	15.463	264	206231	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.428	112	169507	21.657	ng	-0.01
7) Phenol-d6	6.434	99	213797	21.846	ng	-0.01
23) Nitrobenzene-d5	7.357	82	124201	15.815	ng	-0.01
42) 2,4,6-Tribromophenol	10.628	330	46176	20.191	ng	0.00
45) 2-Fluorobiphenyl	9.151	172	261971	17.889	ng	-0.01
79) Terphenyl-d14	12.922	244	262876	11.388	ng	0.00
Target Compounds						
74) Di-n-butylphthalate	11.898	149	499142	26.864	ng	Qvalue 98

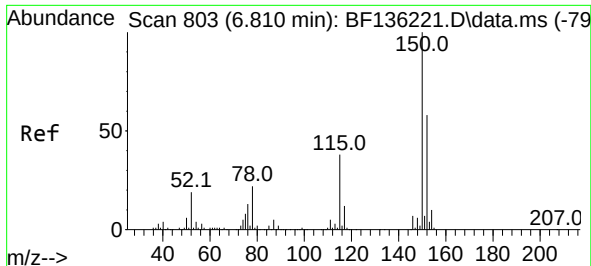
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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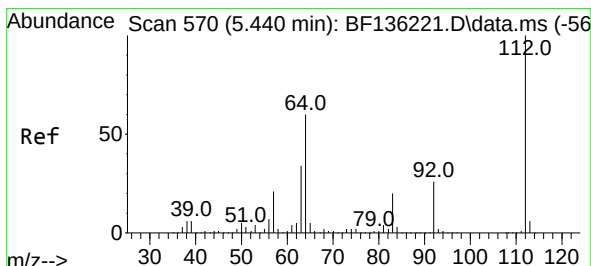
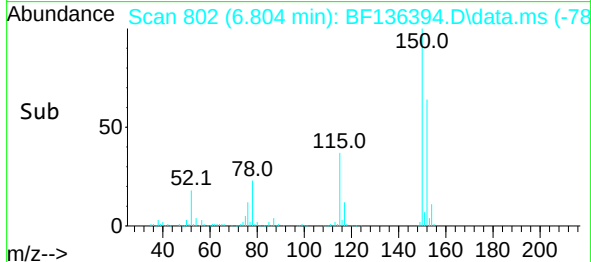
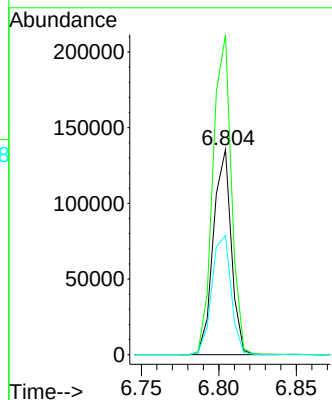
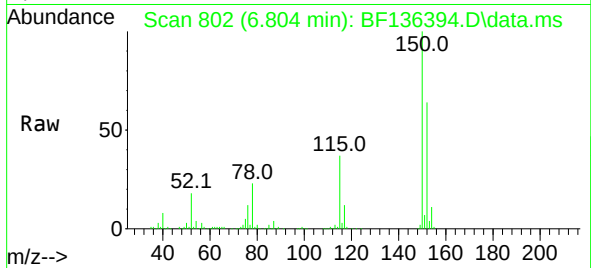




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.804 min Scan# 803
Delta R.T. 0.000 min
Lab File: BF136394.D
Acq: 04 Dec 2023 21:40

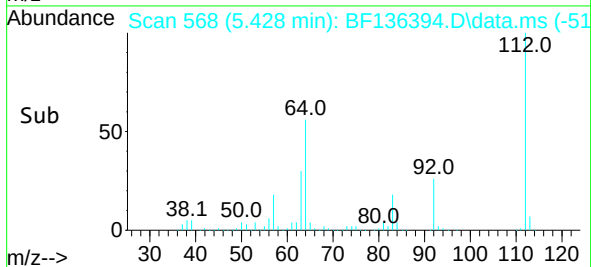
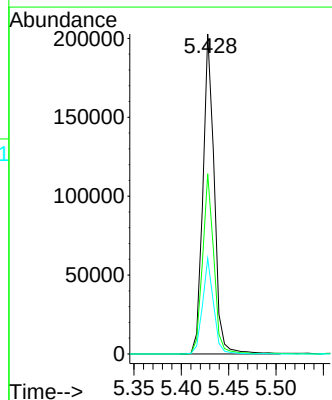
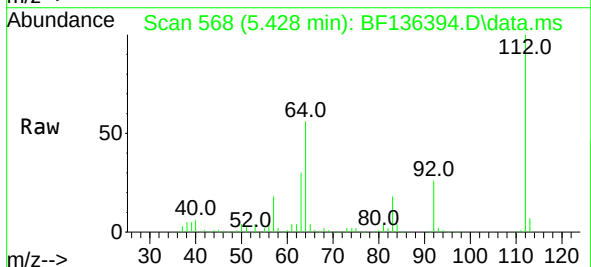
Instrument :
BNA_F
ClientSampleId :
SU-03-112823DL

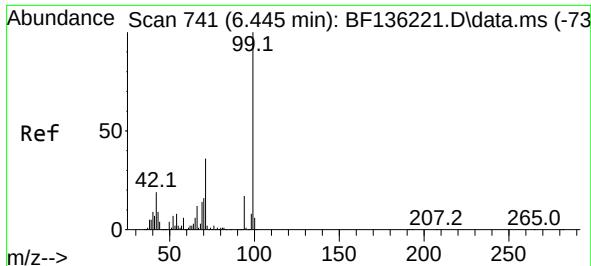
Tgt Ion:152 Resp: 108941
Ion Ratio Lower Upper
152 100
150 155.9 137.8 206.8
115 58.0 52.7 79.1



#5
2-Fluorophenol
Concen: 21.657 ng
RT: 5.428 min Scan# 568
Delta R.T. -0.012 min
Lab File: BF136394.D
Acq: 04 Dec 2023 21:40

Tgt Ion:112 Resp: 169507
Ion Ratio Lower Upper
112 100
64 56.3 48.2 72.4
63 29.9 27.0 40.6

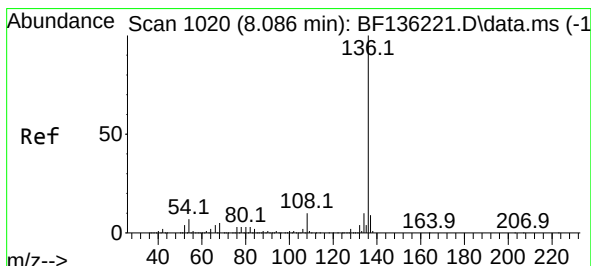
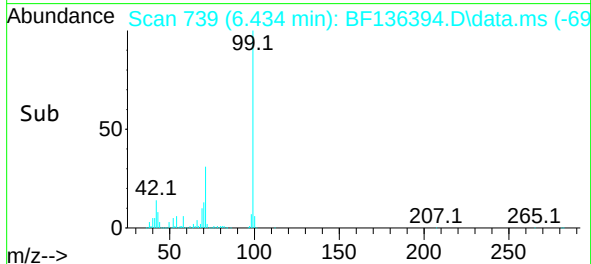
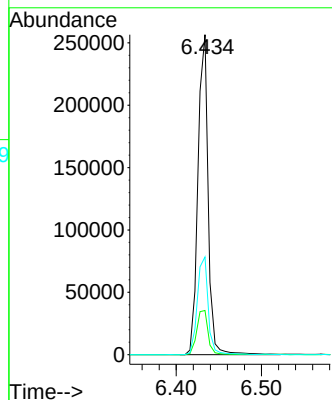
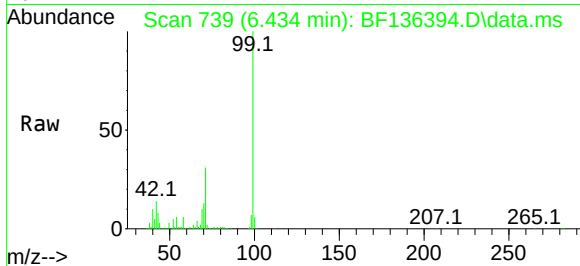




#7
Phenol-d6
Concen: 21.846 ng
RT: 6.434 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF136394.D
Acq: 04 Dec 2023 21:40

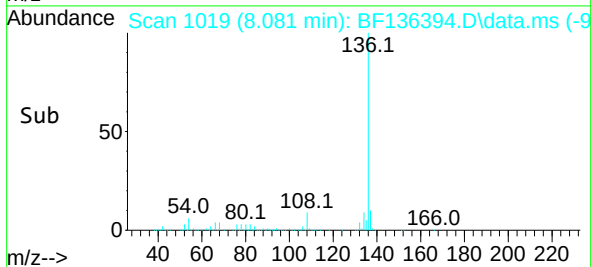
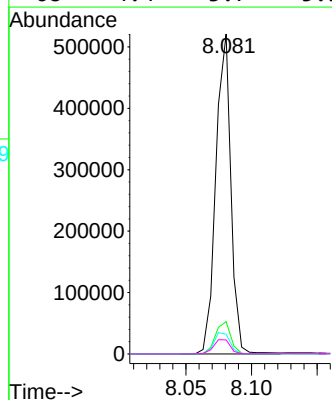
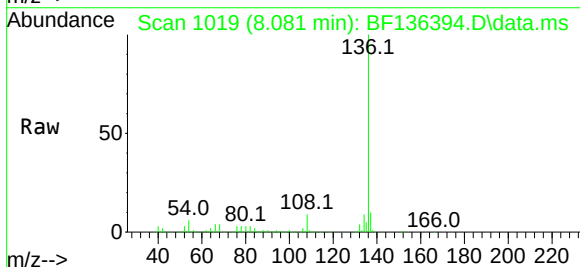
Instrument :
BNA_F
ClientSampleId :
SU-03-112823DL

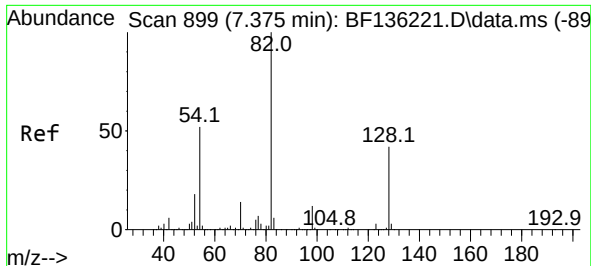
Tgt Ion: 99 Resp: 213797
Ion Ratio Lower Upper
99 100
42 13.8 15.0 22.6#
71 30.5 28.9 43.3



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.081 min Scan# 1019
Delta R.T. 0.000 min
Lab File: BF136394.D
Acq: 04 Dec 2023 21:40

Tgt Ion: 136 Resp: 414995
Ion Ratio Lower Upper
136 100
137 10.1 7.4 11.2
54 6.2 5.5 8.3
68 4.4 3.7 5.5





#23

Nitrobenzene-d5

Concen: 15.815 ng

RT: 7.357 min Scan# 899

Delta R.T. -0.012 min

Lab File: BF136394.D

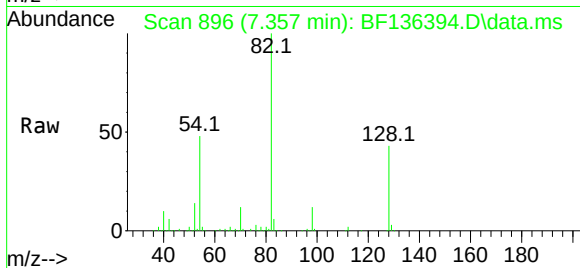
Acq: 04 Dec 2023 21:40

Instrument :

BNA_F

ClientSampleId :

SU-03-112823DL



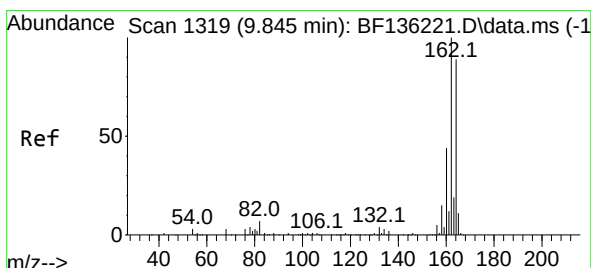
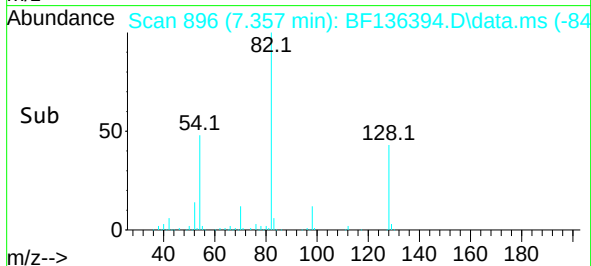
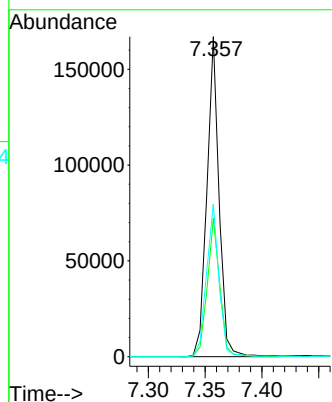
Tgt Ion: 82 Resp: 124201

Ion Ratio Lower Upper

82 100

128 43.3 33.4 50.2

54 47.7 41.7 62.5



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.833 min Scan# 1317

Delta R.T. -0.006 min

Lab File: BF136394.D

Acq: 04 Dec 2023 21:40

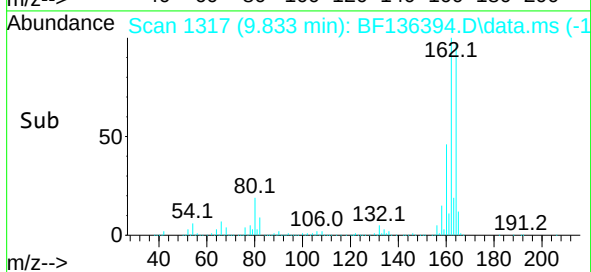
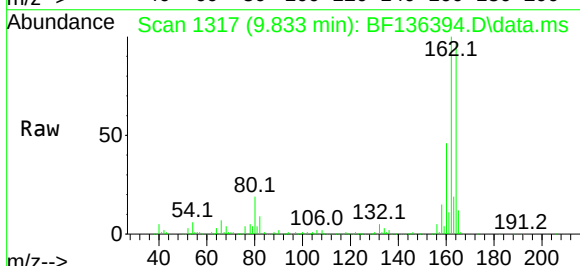
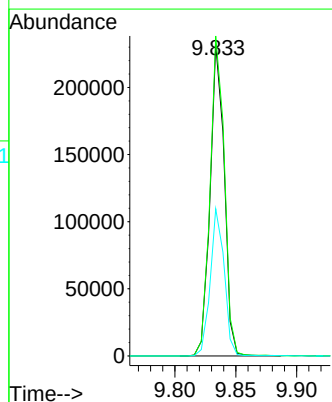
Tgt Ion: 164 Resp: 187056

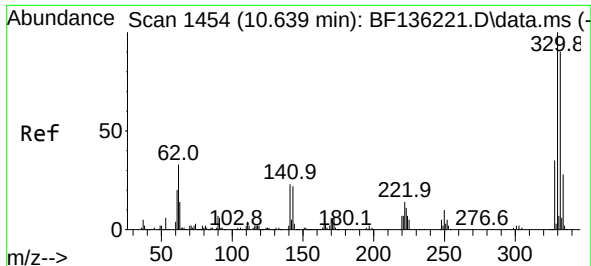
Ion Ratio Lower Upper

164 100

162 102.7 89.5 134.3

160 47.2 39.6 59.4





#42

2,4,6-Tribromophenol

Concen: 20.191 ng

RT: 10.628 min Scan# 1454

Delta R.T. -0.006 min

Lab File: BF136394.D

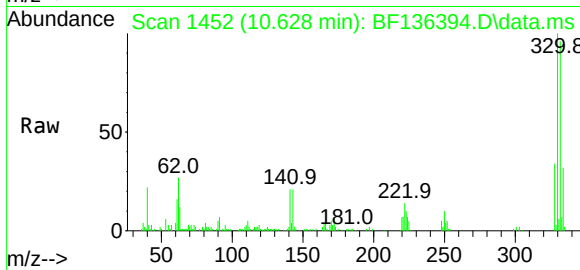
Acq: 04 Dec 2023 21:40

Instrument :

BNA_F

ClientSampleId :

SU-03-112823DL



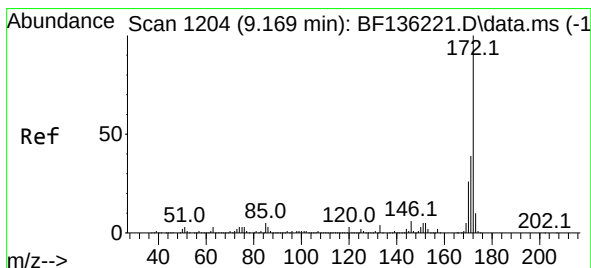
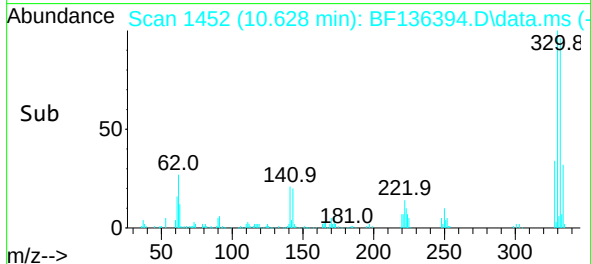
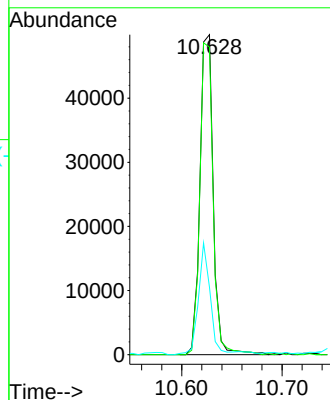
Tgt Ion:330 Resp: 46176

Ion Ratio Lower Upper

330 100

332 97.0 73.0 109.6

141 30.8 24.2 36.2



#45

2-Fluorobiphenyl

Concen: 17.889 ng

RT: 9.151 min Scan# 1201

Delta R.T. -0.012 min

Lab File: BF136394.D

Acq: 04 Dec 2023 21:40

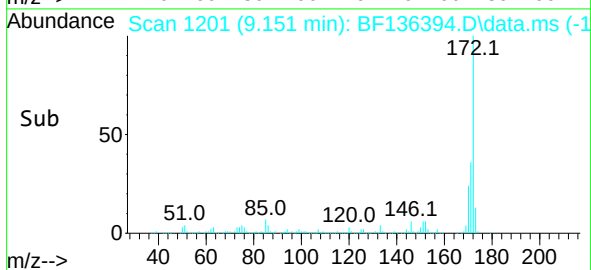
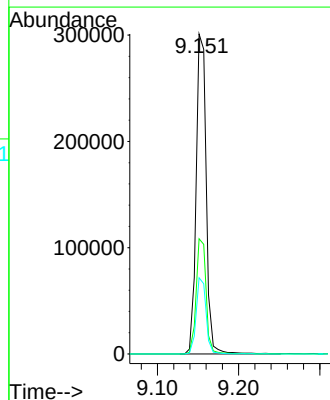
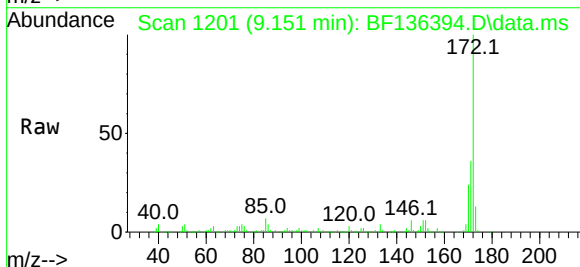
Tgt Ion:172 Resp: 261971

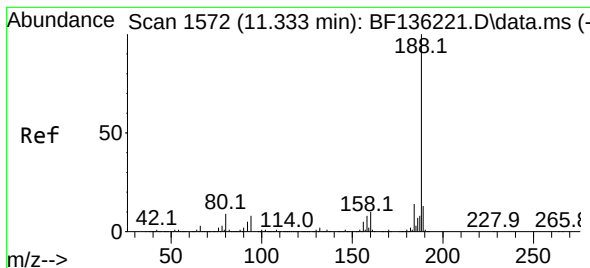
Ion Ratio Lower Upper

172 100

171 36.0 31.5 47.3

170 23.8 20.8 31.2





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.327 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF136394.D

Acq: 04 Dec 2023 21:40

Instrument :

BNA_F

ClientSampleId :

SU-03-112823DL

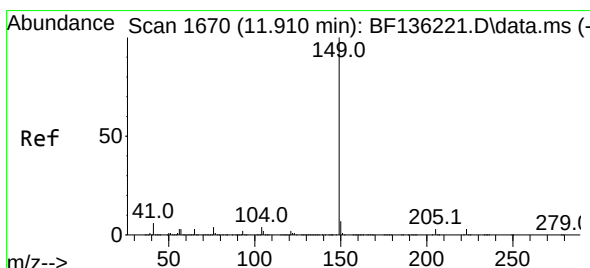
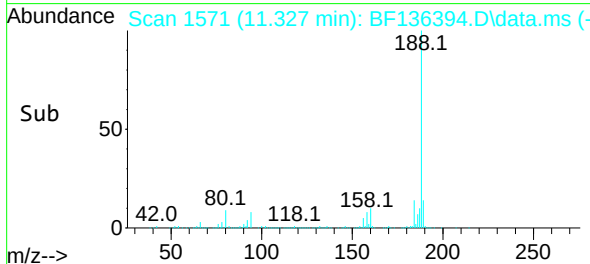
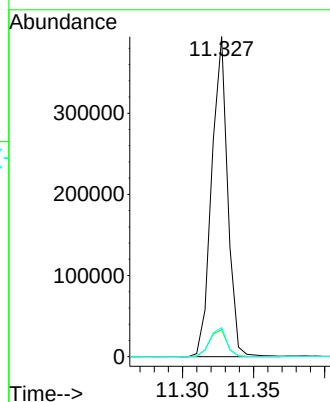
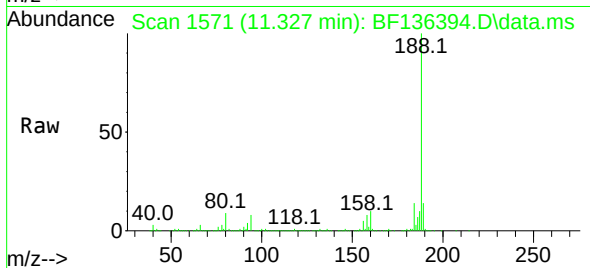
Tgt Ion:188 Resp: 309781

Ion Ratio Lower Upper

188 100

94 8.5 6.7 10.1

80 9.1 7.2 10.8



#74

Di-n-butylphthalate

Concen: 26.864 ng

RT: 11.898 min Scan# 1668

Delta R.T. 0.000 min

Lab File: BF136394.D

Acq: 04 Dec 2023 21:40

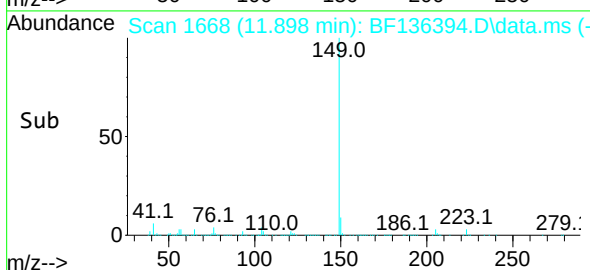
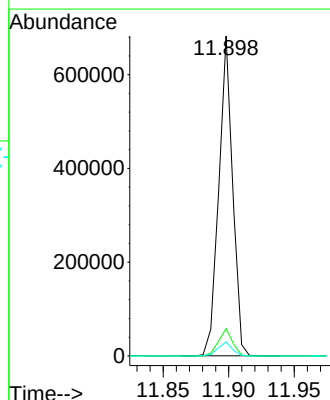
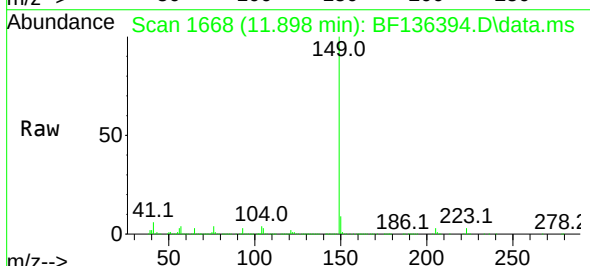
Tgt Ion:149 Resp: 499142

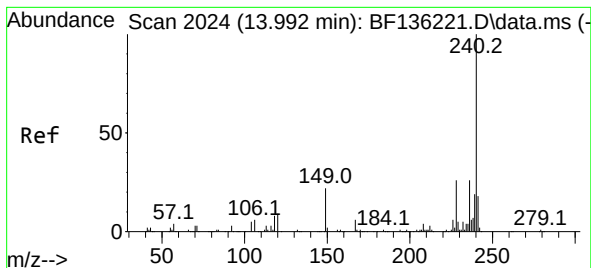
Ion Ratio Lower Upper

149 100

150 8.6 6.0 9.0

104 4.4 3.5 5.3





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.980 min Scan# 20

Delta R.T. 0.000 min

Lab File: BF136394.D

Acq: 04 Dec 2023 21:40

Instrument :

BNA_F

ClientSampleId :

SU-03-112823DL

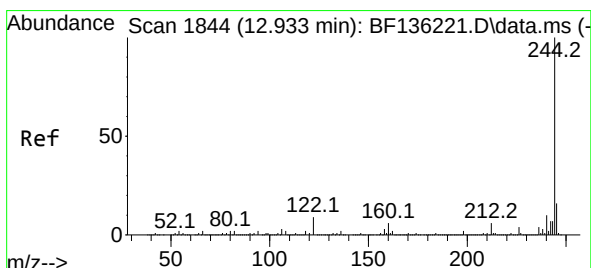
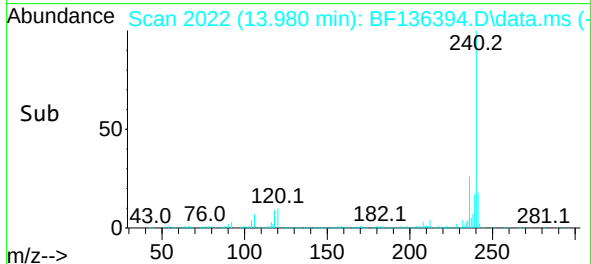
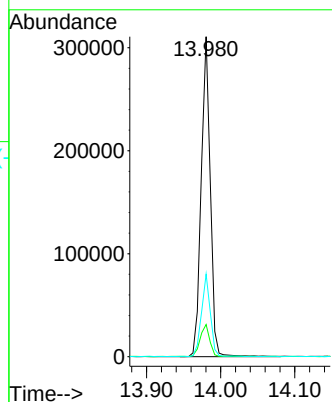
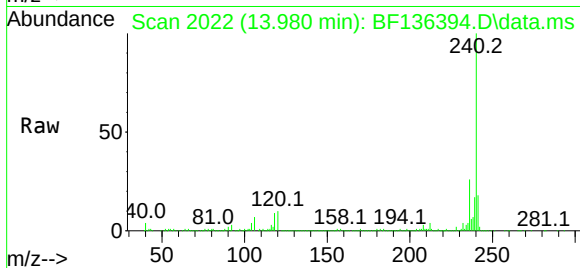
Tgt Ion:240 Resp: 266265

Ion Ratio Lower Upper

240 100

120 10.0 7.4 11.2

236 25.8 21.1 31.7



#79

Terphenyl-d14

Concen: 11.388 ng

RT: 12.922 min Scan# 1842

Delta R.T. -0.006 min

Lab File: BF136394.D

Acq: 04 Dec 2023 21:40

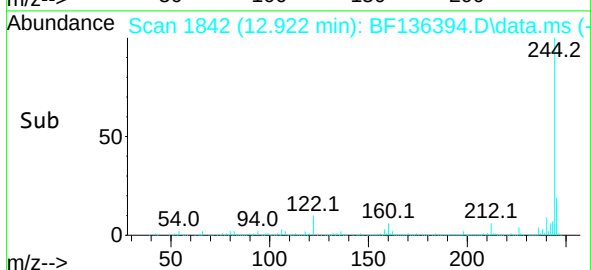
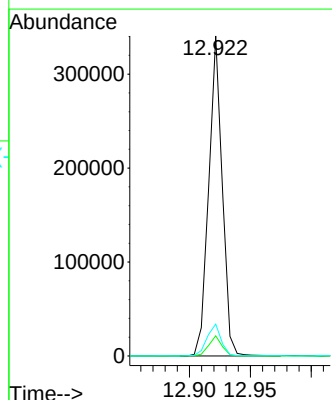
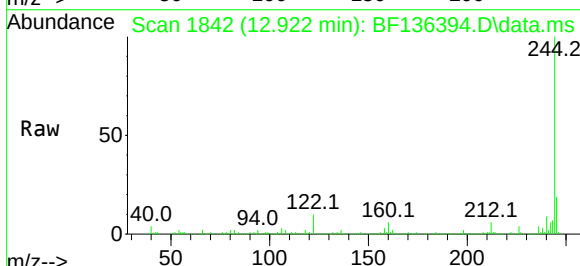
Tgt Ion:244 Resp: 262876

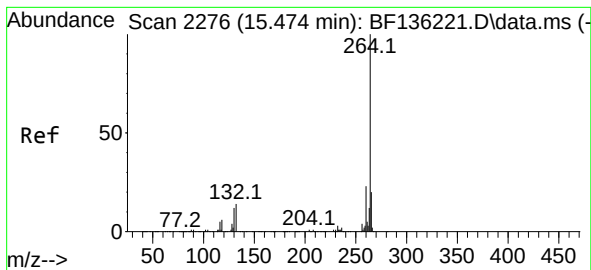
Ion Ratio Lower Upper

244 100

212 6.3 4.6 7.0

122 9.9 7.3 10.9





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.463 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF136394.D

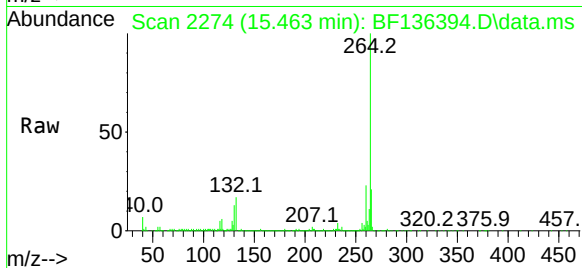
Acq: 04 Dec 2023 21:40

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Tgt Ion:264 Resp: 206231

Ion Ratio Lower Upper

264 100

260 23.1 18.6 27.8

265 21.3 15.7 23.5

