

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060624\
Data File : BF138129.D
Acq On : 06 Jun 2024 13:04
Operator : CG\JU
Sample : PB161334BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB161334BL

Quant Time: Jun 06 13:23:32 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 06 05:19:29 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.904	152	484655	20.000	ng	0.00
21) Naphthalene-d8	8.186	136	1909676	20.000	ng	0.00
39) Acenaphthene-d10	9.939	164	1106881	20.000	ng	0.00
64) Phenanthrene-d10	11.427	188	2026838	20.000	ng	0.00
76) Chrysene-d12	14.062	240	1282803	20.000	ng	0.00
86) Perylene-d12	15.545	264	738909	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.545	112	3622985	127.398	ng	0.02
7) Phenol-d6	6.534	99	4421406	122.882	ng	0.00
23) Nitrobenzene-d5	7.469	82	2740008	97.620	ng	0.00
42) 2,4,6-Tribromophenol	10.733	330	1460843	137.139	ng	0.00
45) 2-Fluorobiphenyl	9.263	172	5268542	83.227	ng	0.00
79) Terphenyl-d14	13.021	244	6310125	73.575	ng	0.00

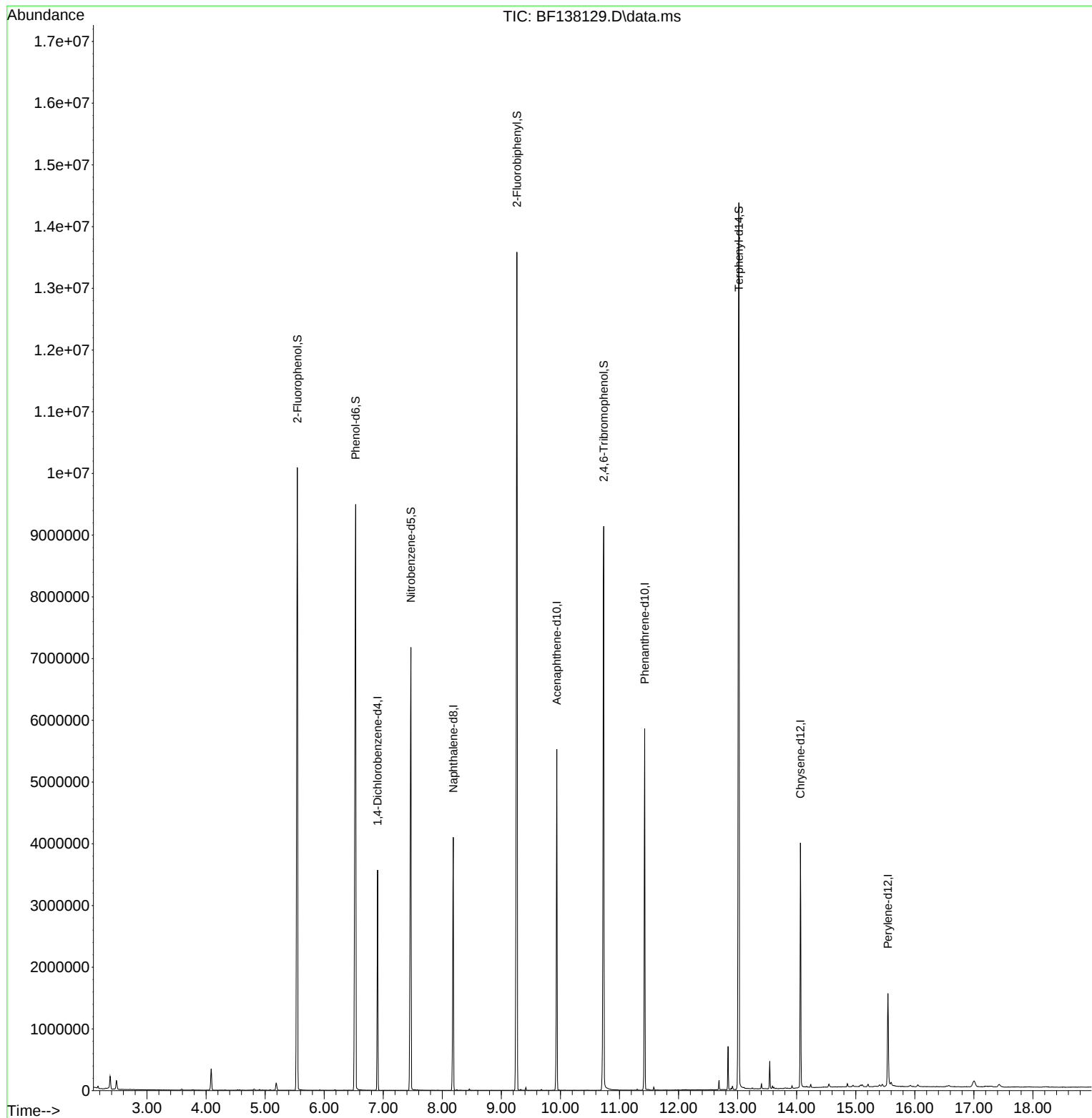
Target Compounds	Qvalue

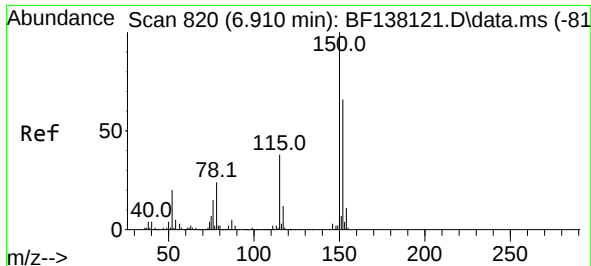
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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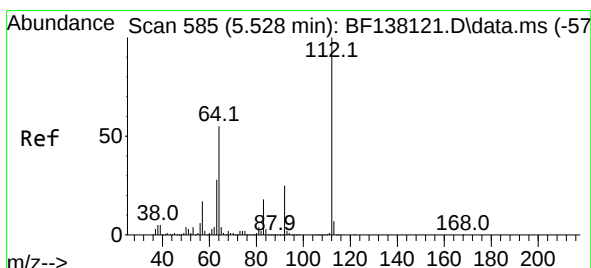
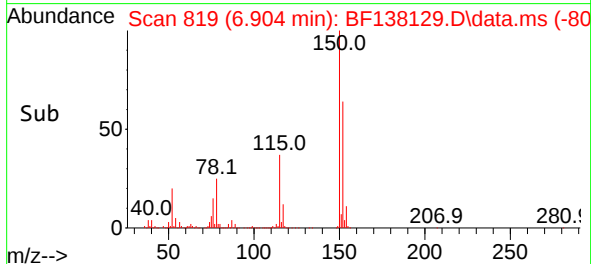
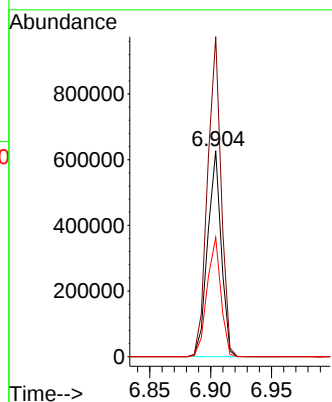
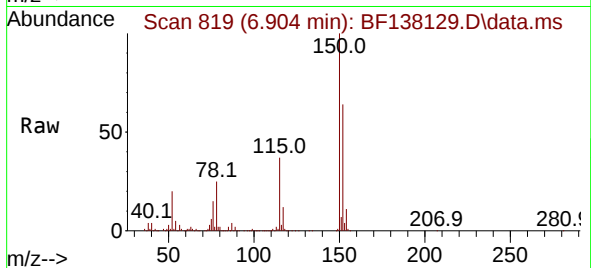




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.904 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF138129.D
Acq: 06 Jun 2024 13:04

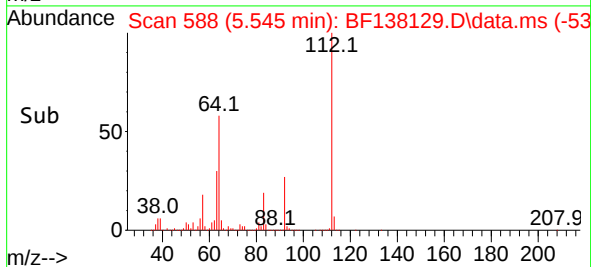
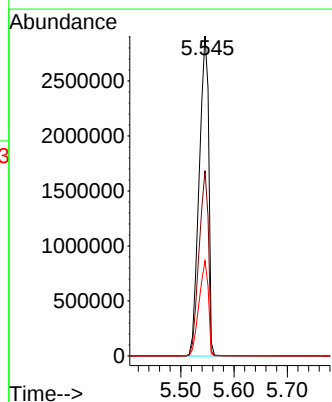
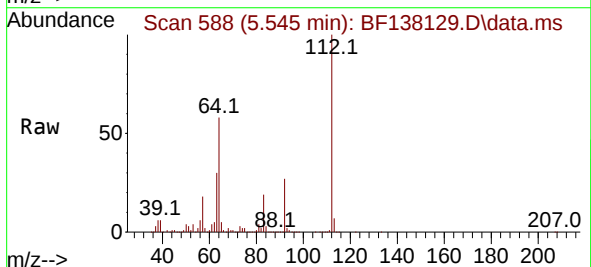
Instrument :
BNA_F
ClientSampleId :
PB161334BL

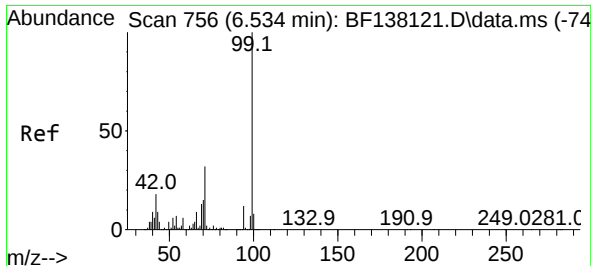
Tgt Ion:152 Resp: 484655
Ion Ratio Lower Upper
152 100
150 155.4 121.8 182.6
115 57.9 46.2 69.2



#5
2-Fluorophenol
Concen: 127.398 ng
RT: 5.545 min Scan# 588
Delta R.T. 0.018 min
Lab File: BF138129.D
Acq: 06 Jun 2024 13:04

Tgt Ion:112 Resp: 3622985
Ion Ratio Lower Upper
112 100
64 58.0 44.0 66.0
63 29.8 22.1 33.1

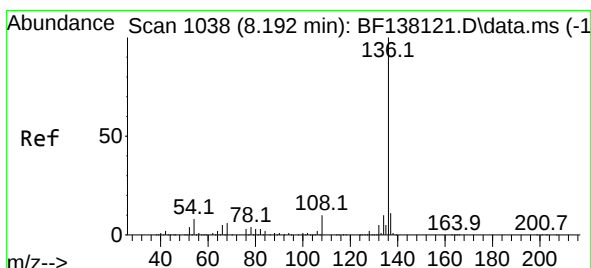
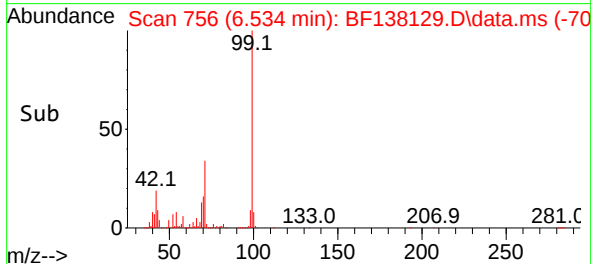
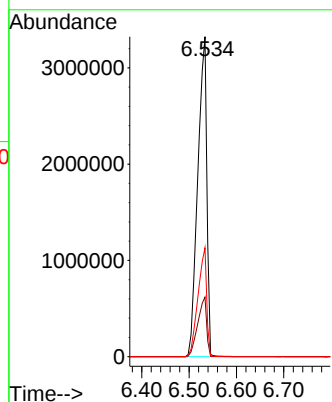
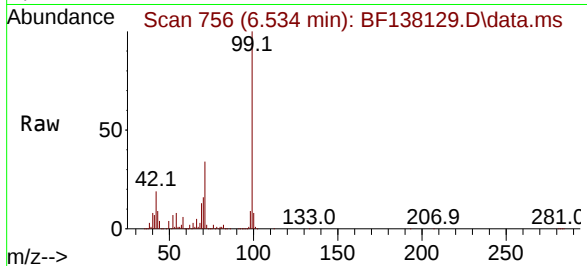




#7
Phenol-d6
Concen: 122.882 ng
RT: 6.534 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF138129.D
Acq: 06 Jun 2024 13:04

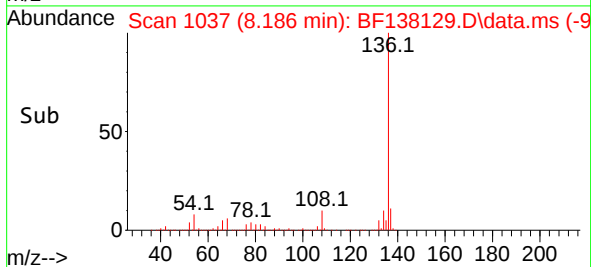
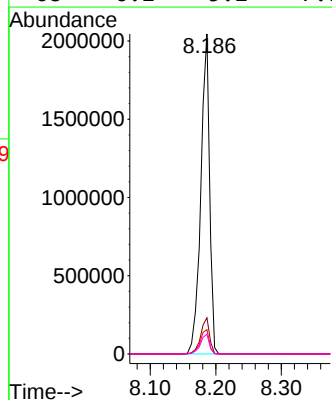
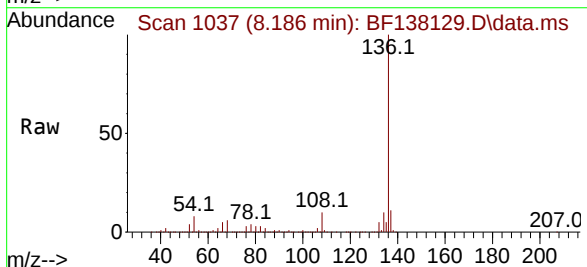
Instrument :
BNA_F
ClientSampleId :
PB161334BL

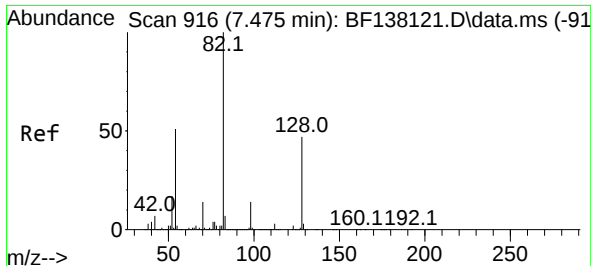
Tgt Ion: 99 Resp: 4421406
Ion Ratio Lower Upper
99 100
42 18.6 14.4 21.6
71 34.0 25.5 38.3



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.186 min Scan# 1037
Delta R.T. -0.006 min
Lab File: BF138129.D
Acq: 06 Jun 2024 13:04

Tgt Ion:136 Resp: 1909676
Ion Ratio Lower Upper
136 100
137 11.3 9.1 13.7
54 7.6 6.2 9.2
68 6.2 5.2 7.8

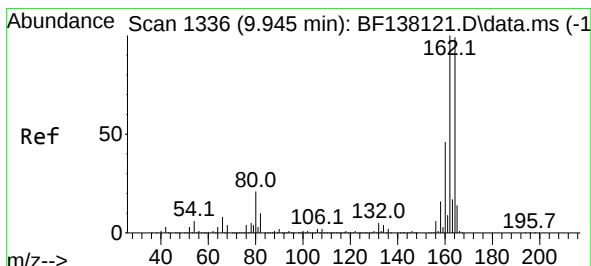
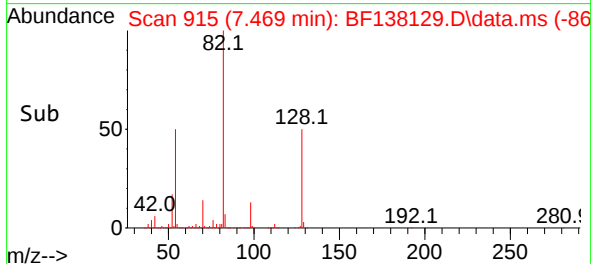
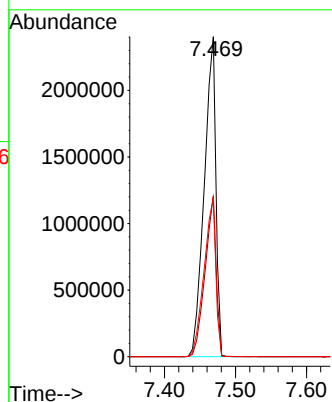
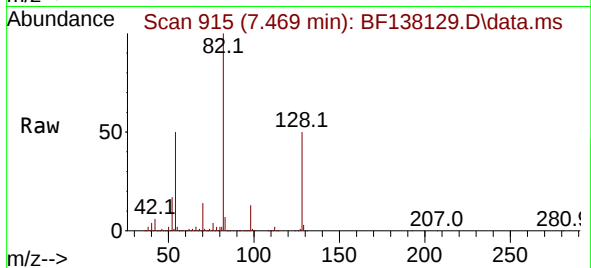




#23
Nitrobenzene-d5
Concen: 97.620 ng
RT: 7.469 min Scan# 916
Delta R.T. -0.006 min
Lab File: BF138129.D
Acq: 06 Jun 2024 13:04

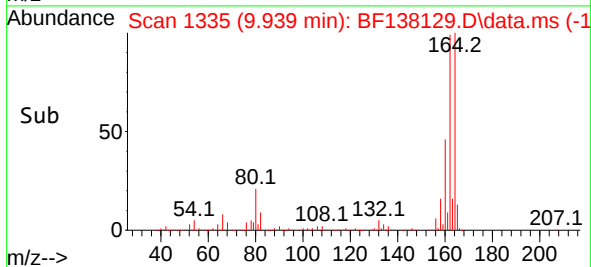
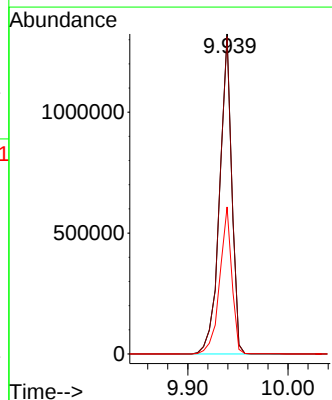
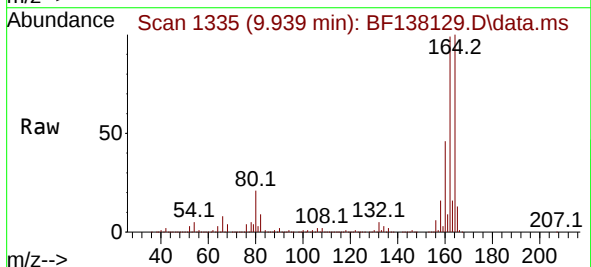
Instrument :
BNA_F
ClientSampleId :
PB161334BL

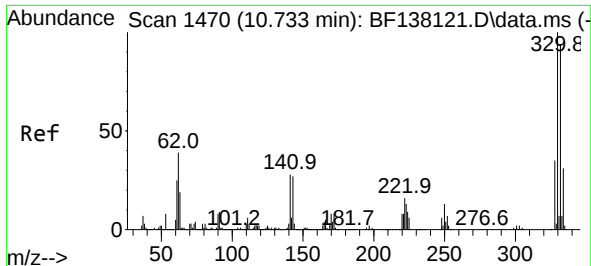
Tgt Ion: 82 Resp: 2740008
Ion Ratio Lower Upper
82 100
128 50.2 37.7 56.5
54 49.8 40.8 61.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.939 min Scan# 1335
Delta R.T. -0.006 min
Lab File: BF138129.D
Acq: 06 Jun 2024 13:04

Tgt Ion:164 Resp: 1106881
Ion Ratio Lower Upper
164 100
162 99.2 80.9 121.3
160 46.0 37.0 55.6





#42

2,4,6-Tribromophenol

Concen: 137.139 ng

RT: 10.733 min Scan# 1470

Delta R.T. 0.000 min

Lab File: BF138129.D

Acq: 06 Jun 2024 13:04

Instrument :

BNA_F

ClientSampleId :

PB161334BL

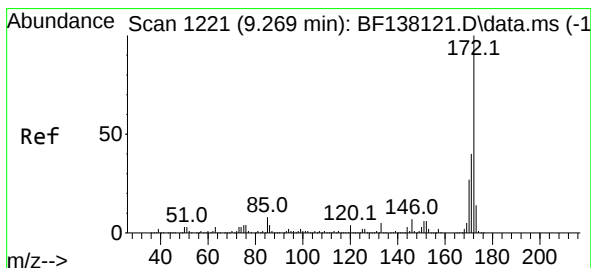
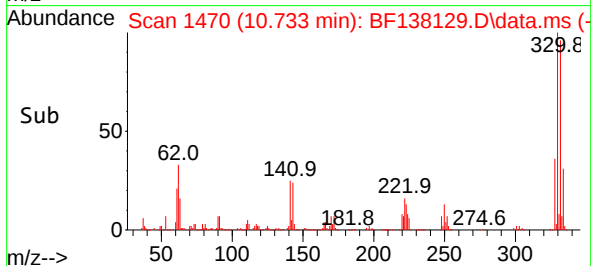
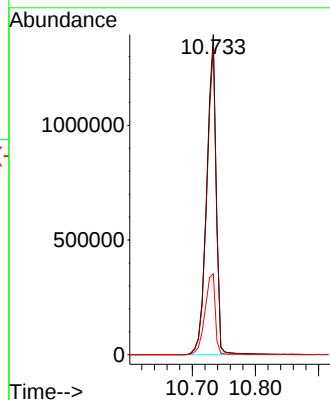
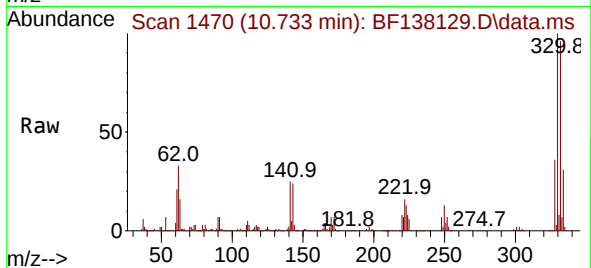
Tgt Ion:330 Resp: 1460843

Ion Ratio Lower Upper

330 100

332 96.3 75.8 113.8

141 27.6 23.2 34.8



#45

2-Fluorobiphenyl

Concen: 83.227 ng

RT: 9.263 min Scan# 1220

Delta R.T. -0.006 min

Lab File: BF138129.D

Acq: 06 Jun 2024 13:04

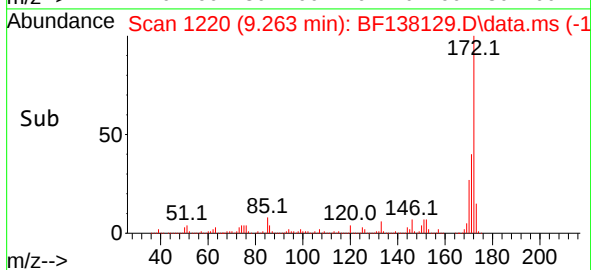
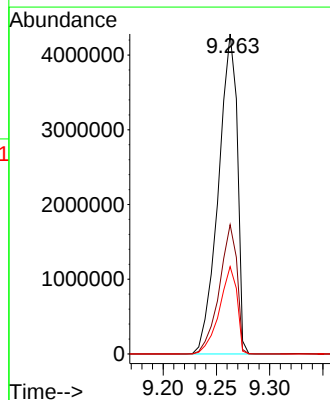
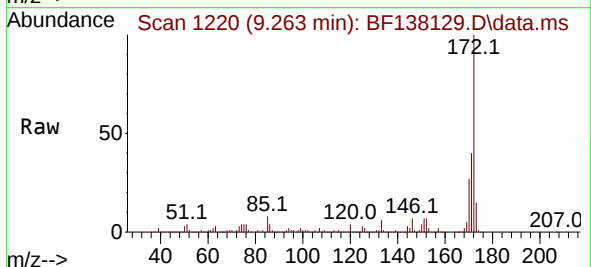
Tgt Ion:172 Resp: 5268542

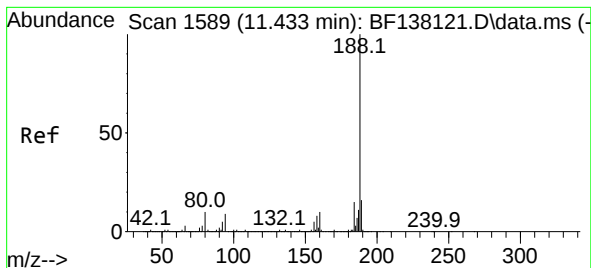
Ion Ratio Lower Upper

172 100

171 40.4 31.6 47.4

170 27.3 21.4 32.2





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.427 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF138129.D

Acq: 06 Jun 2024 13:04

Instrument :

BNA_F

ClientSampleId :

PB161334BL

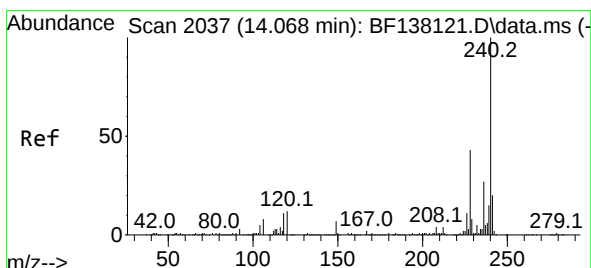
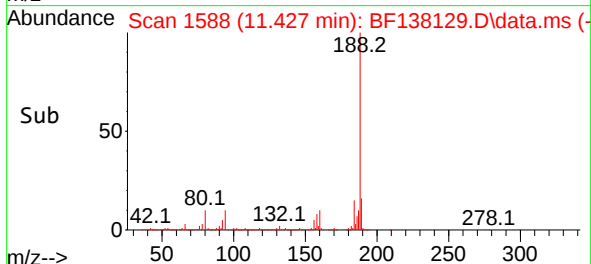
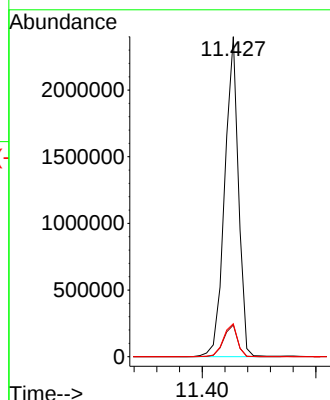
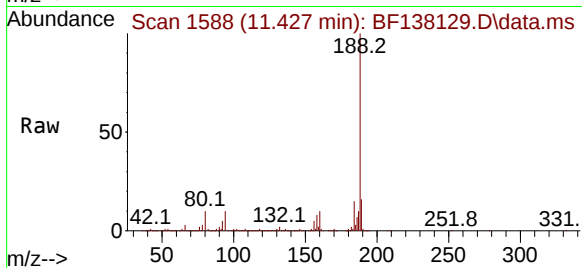
Tgt Ion:188 Resp: 2026838

Ion Ratio Lower Upper

188 100

94 9.9 7.4 11.2

80 10.3 7.7 11.5



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.062 min Scan# 2036

Delta R.T. -0.006 min

Lab File: BF138129.D

Acq: 06 Jun 2024 13:04

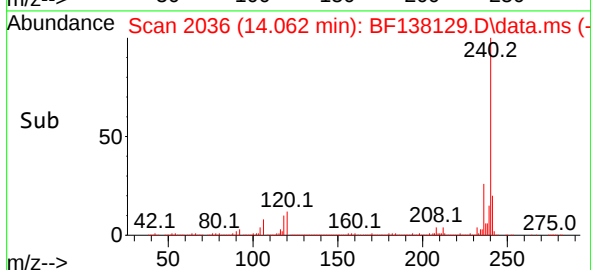
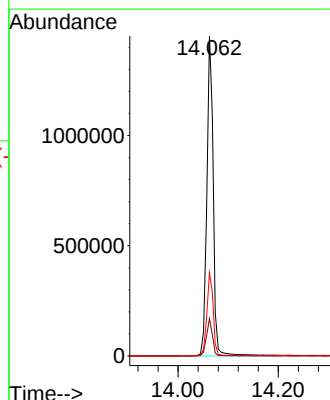
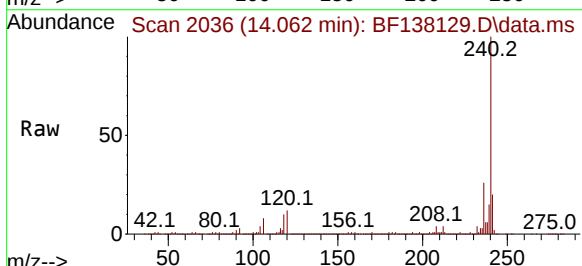
Tgt Ion:240 Resp: 1282803

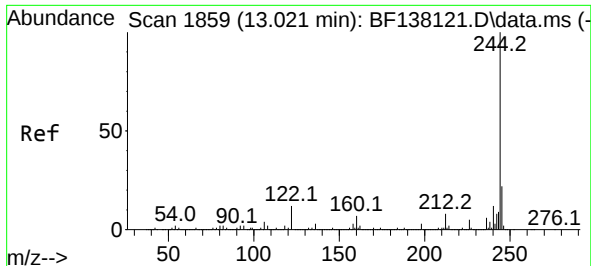
Ion Ratio Lower Upper

240 100

120 11.6 9.8 14.8

236 26.0 21.2 31.8

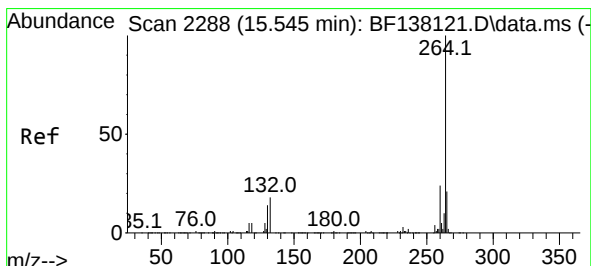
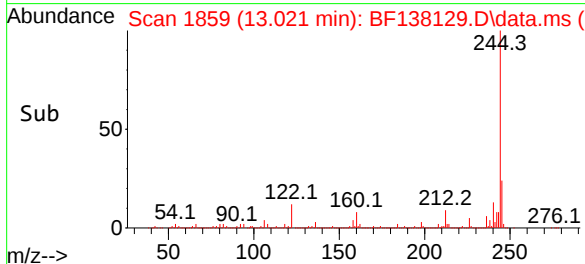
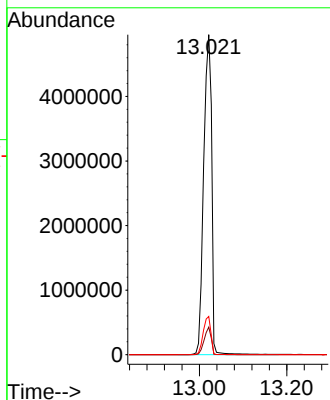
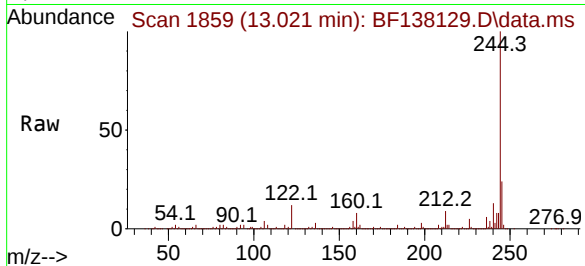




#79
 Terphenyl-d14
 Concen: 73.575 ng
 RT: 13.021 min Scan# 1859
 Delta R.T. -0.000 min
 Lab File: BF138129.D
 Acq: 06 Jun 2024 13:04

Instrument :
 BNA_F
 ClientSampleId :
 PB161334BL

Tgt Ion:244 Resp: 6310125
 Ion Ratio Lower Upper
 244 100
 212 8.6 6.4 9.6
 122 11.9 9.4 14.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.545 min Scan# 2288
 Delta R.T. -0.000 min
 Lab File: BF138129.D
 Acq: 06 Jun 2024 13:04

Tgt Ion:264 Resp: 738909
 Ion Ratio Lower Upper
 264 100
 260 24.1 19.4 29.2
 265 22.0 17.1 25.7

