

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102722\
 Data File : BF130809.D
 Acq On : 27 Oct 2022 21:21
 Operator : CG\JU
 Sample : PB148572TB
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB148572TB

Quant Time: Oct 28 04:53:19 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102722.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 28 04:00:21 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.951	152	98318	20.000	ng	0.00
21) Naphthalene-d8	8.239	136	382567	20.000	ng	0.00
39) Acenaphthene-d10	9.998	164	218353	20.000	ng	0.00
64) Phenanthrene-d10	11.492	188	423349	20.000	ng	0.00
76) Chrysene-d12	14.139	240	357070	20.000	ng	0.00
86) Perylene-d12	15.656	264	265327	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.575	112	706393	124.556	ng	0.01
7) Phenol-d6	6.569	99	900903	122.242	ng	0.00
23) Nitrobenzene-d5	7.516	82	573966	90.466	ng	0.00
42) 2,4,6-Tribromophenol	10.792	330	252896	137.586	ng	0.00
45) 2-Fluorobiphenyl	9.316	172	1114119	77.142	ng	0.00
79) Terphenyl-d14	13.086	244	1378904	70.764	ng	0.00

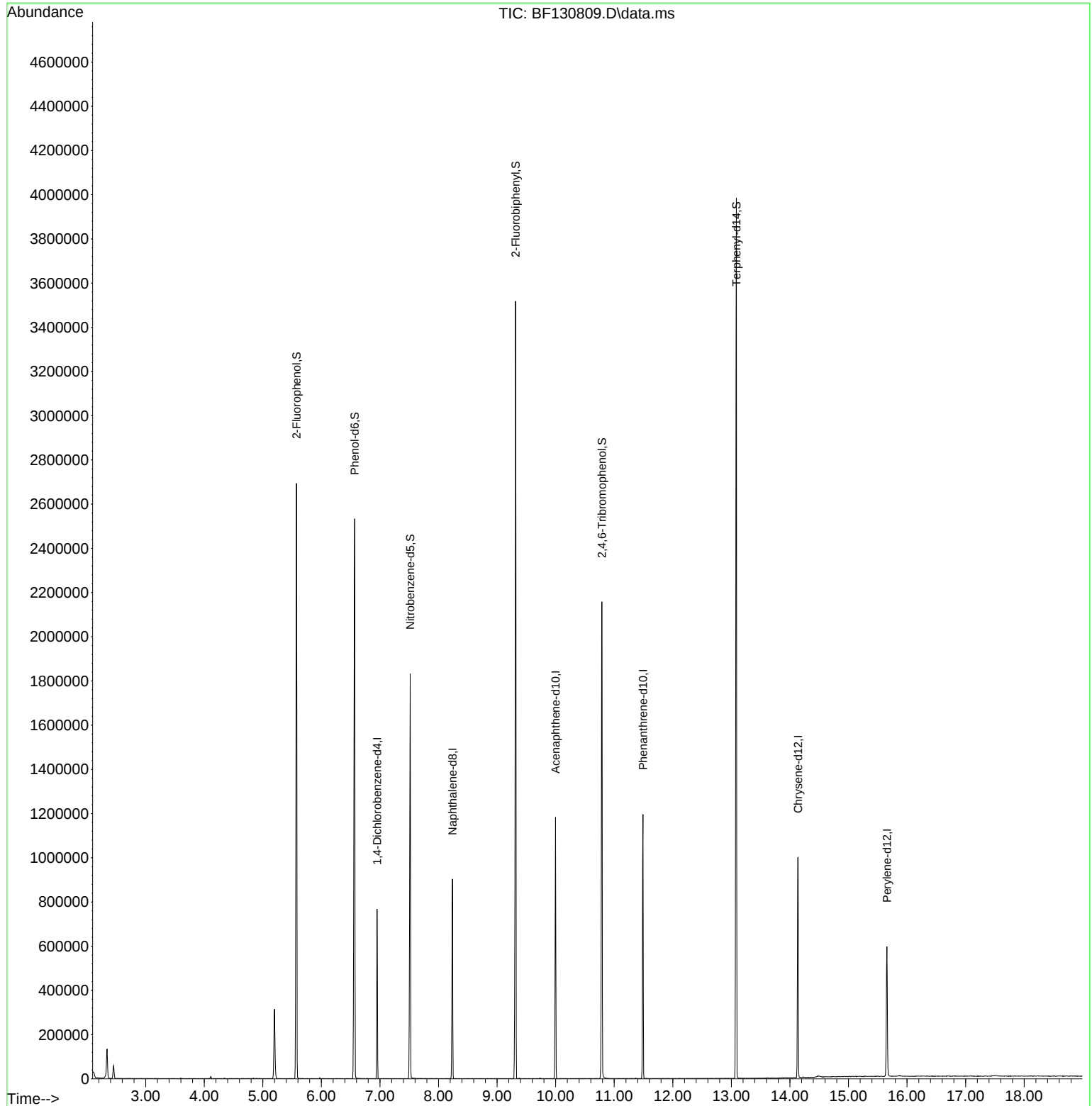
Target Compounds	Qvalue

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

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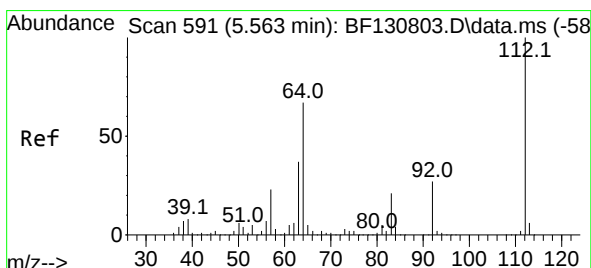
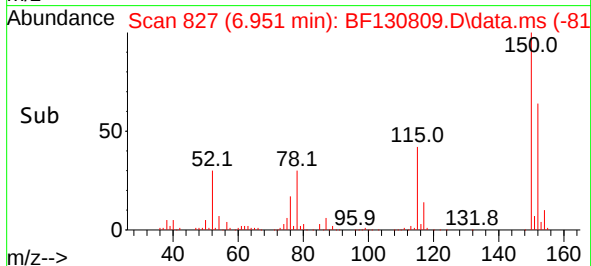
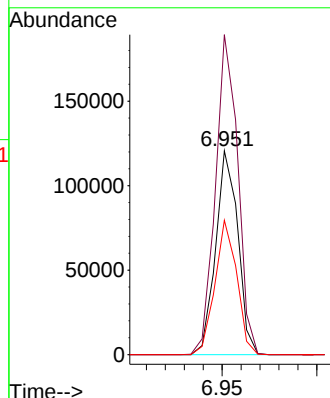
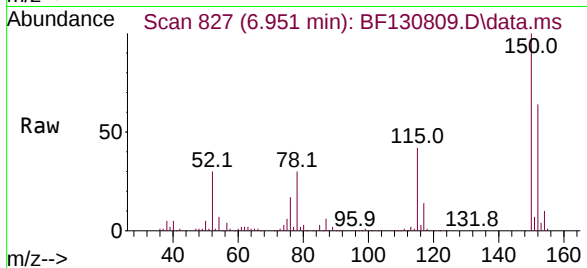




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.951 min Scan# 81
 Delta R.T. -0.006 min
 Lab File: BF130809.D
 Acq: 27 Oct 2022 21:21

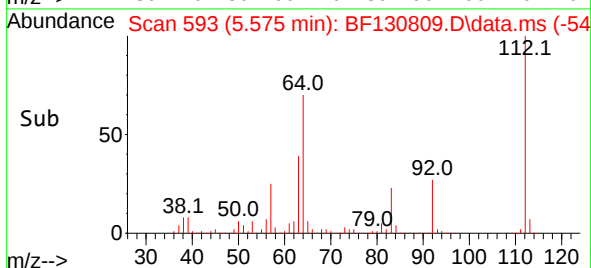
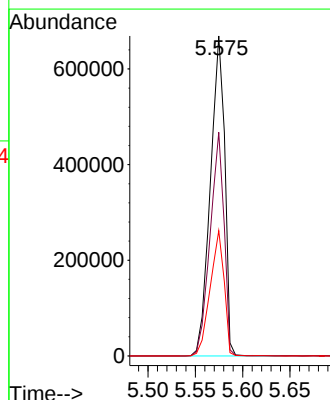
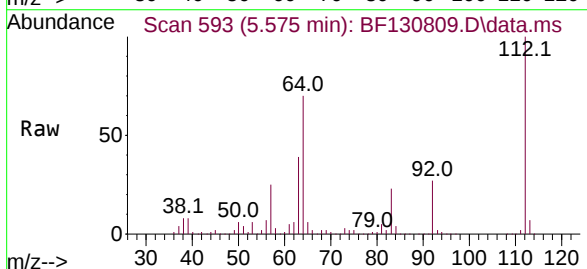
Instrument :
 BNA_F
 ClientSampleId :
 PB148572TB

Tgt Ion:152 Resp: 98318
 Ion Ratio Lower Upper
 152 100
 150 157.0 124.1 186.1
 115 65.9 50.1 75.1



#5
 2-Fluorophenol
 Concen: 124.556 ng
 RT: 5.575 min Scan# 593
 Delta R.T. 0.012 min
 Lab File: BF130809.D
 Acq: 27 Oct 2022 21:21

Tgt Ion:112 Resp: 706393
 Ion Ratio Lower Upper
 112 100
 64 69.9 53.9 80.9
 63 39.2 29.4 44.2

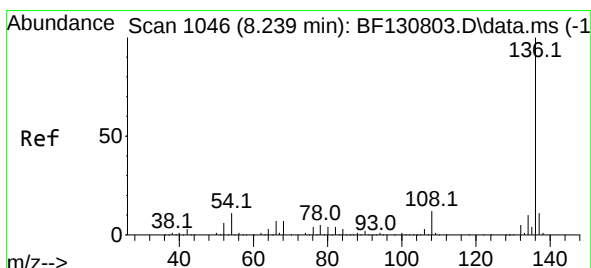
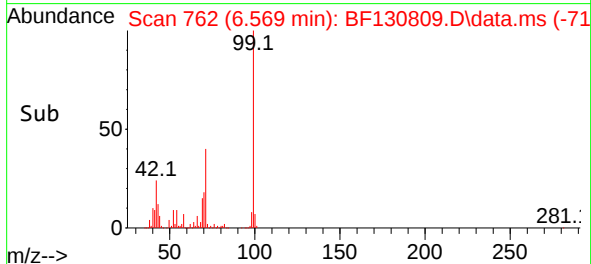
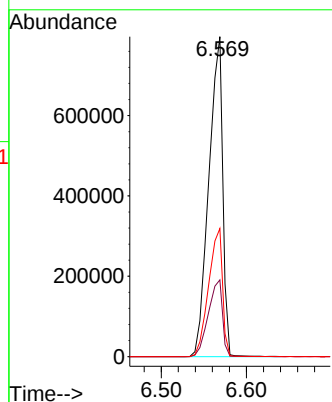
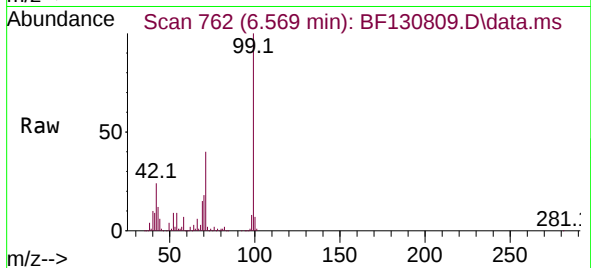




#7
Phenol-d6
Concen: 122.242 ng
RT: 6.569 min Scan# 762
Delta R.T. -0.000 min
Lab File: BF130809.D
Acq: 27 Oct 2022 21:21

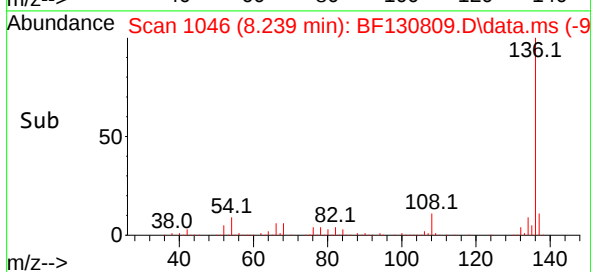
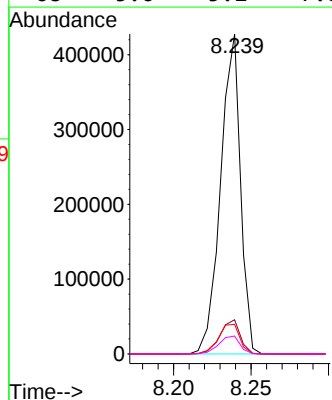
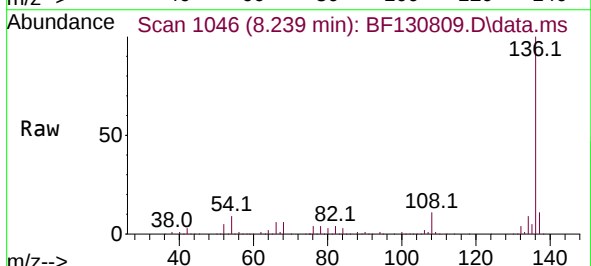
Instrument :
BNA_F
ClientSampleId :
PB148572TB

Tgt Ion: 99 Resp: 900903
Ion Ratio Lower Upper
99 100
42 24.0 18.8 28.2
71 40.0 31.4 47.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.239 min Scan# 1046
Delta R.T. 0.000 min
Lab File: BF130809.D
Acq: 27 Oct 2022 21:21

Tgt Ion:136 Resp: 382567
Ion Ratio Lower Upper
136 100
137 10.7 9.2 13.8
54 9.2 8.8 13.2
68 5.6 5.2 7.8

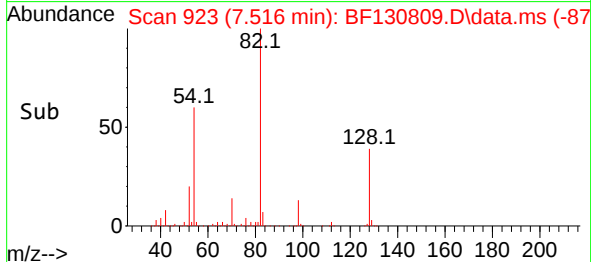
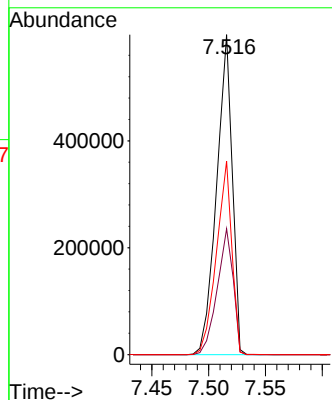
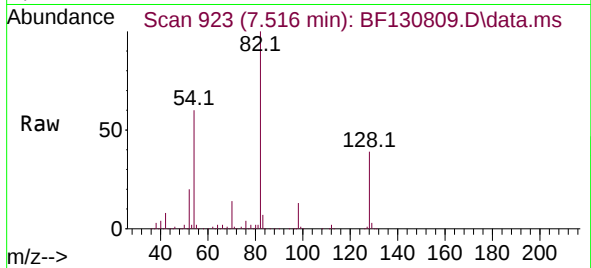




#23
Nitrobenzene-d5
Concen: 90.466 ng
RT: 7.516 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF130809.D
Acq: 27 Oct 2022 21:21

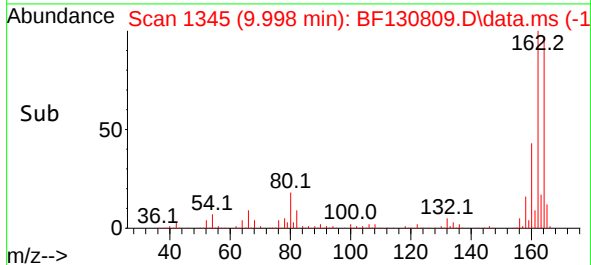
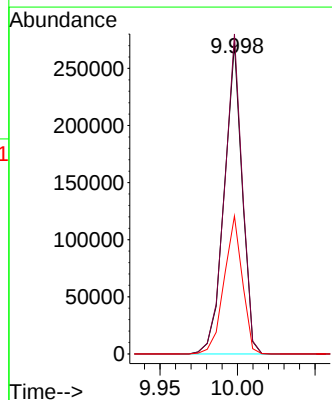
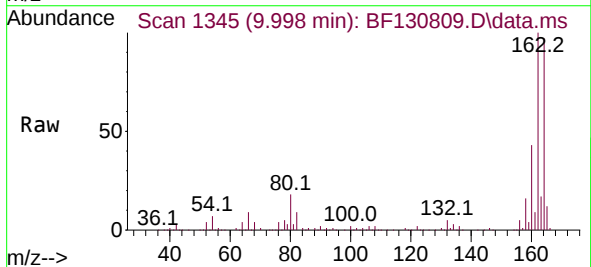
Instrument :
BNA_F
ClientSampleId :
PB148572TB

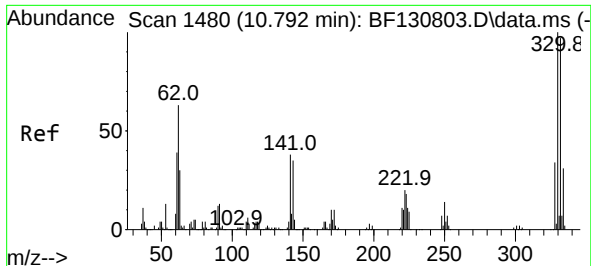
Tgt Ion: 82 Resp: 573966
Ion Ratio Lower Upper
82 100
128 39.3 31.2 46.8
54 60.5 48.0 72.0



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.998 min Scan# 1345
Delta R.T. -0.006 min
Lab File: BF130809.D
Acq: 27 Oct 2022 21:21

Tgt Ion:164 Resp: 218353
Ion Ratio Lower Upper
164 100
162 103.1 82.2 123.2
160 44.4 36.6 54.8





#42

2,4,6-Tribromophenol

Concen: 137.586 ng

RT: 10.792 min Scan# 1480

Delta R.T. 0.000 min

Lab File: BF130809.D

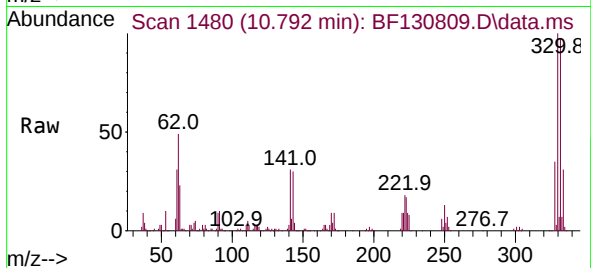
Acq: 27 Oct 2022 21:21

Instrument :

BNA_F

ClientSampleId :

PB148572TB



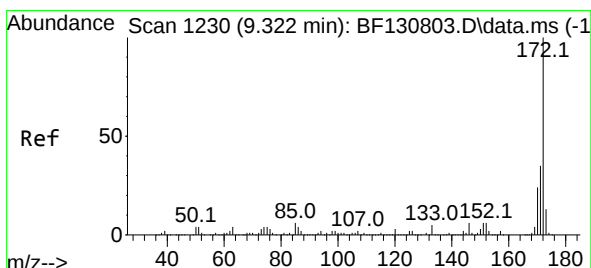
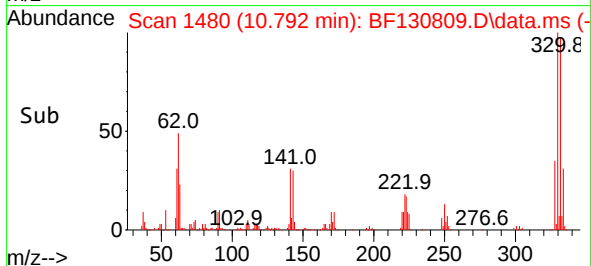
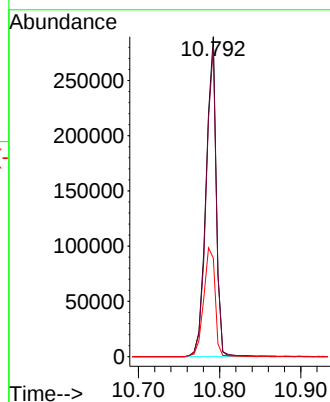
Tgt Ion:330 Resp: 252896

Ion Ratio Lower Upper

330 100

332 97.2 76.2 114.4

141 38.1 31.4 47.0



#45

2-Fluorobiphenyl

Concen: 77.142 ng

RT: 9.316 min Scan# 1229

Delta R.T. -0.006 min

Lab File: BF130809.D

Acq: 27 Oct 2022 21:21

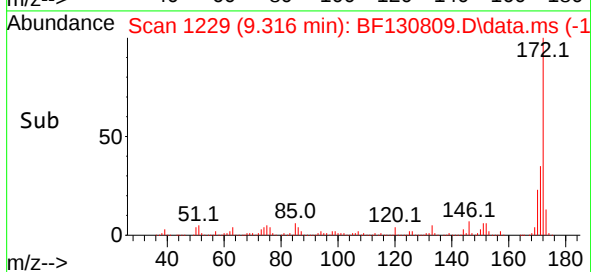
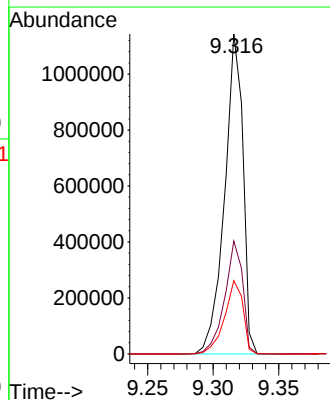
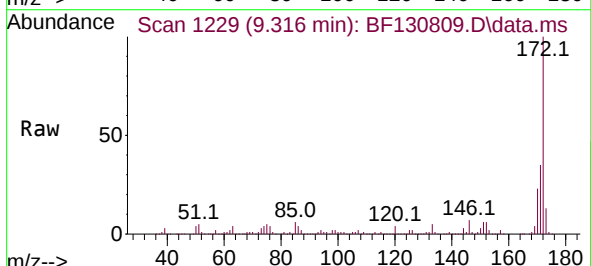
Tgt Ion:172 Resp: 1114119

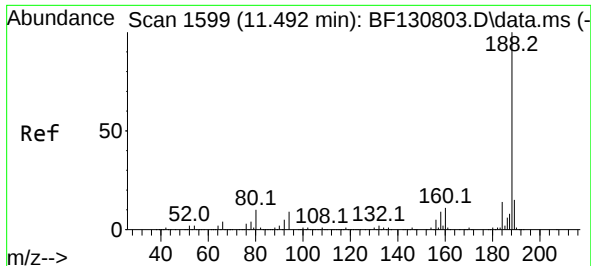
Ion Ratio Lower Upper

172 100

171 35.3 28.1 42.1

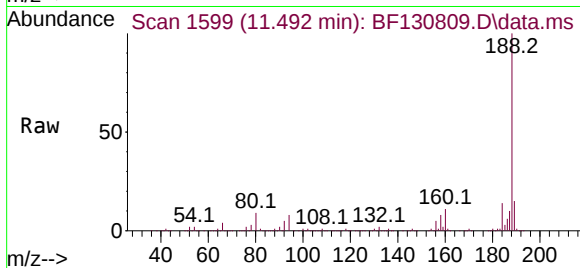
170 22.9 19.0 28.4



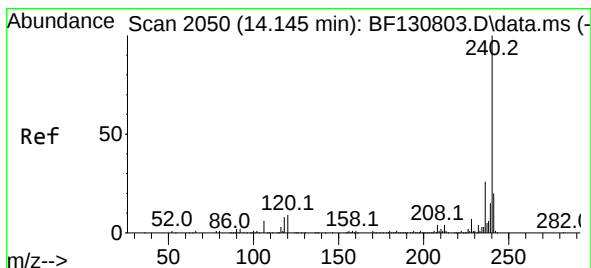
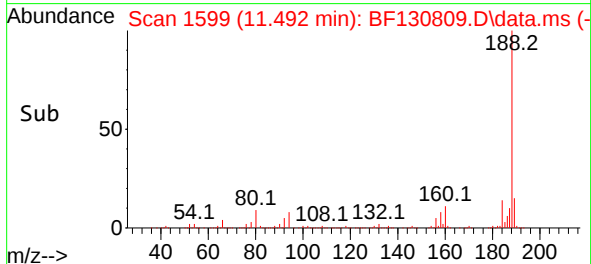
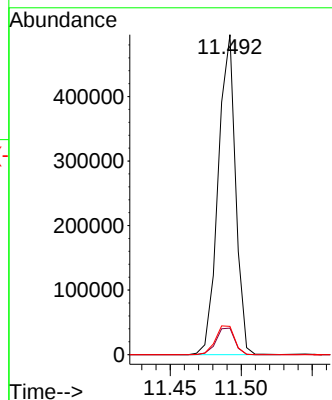


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.492 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF130809.D
Acq: 27 Oct 2022 21:21

Instrument :
BNA_F
ClientSampleId :
PB148572TB

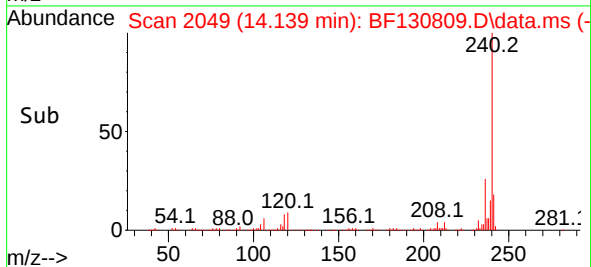
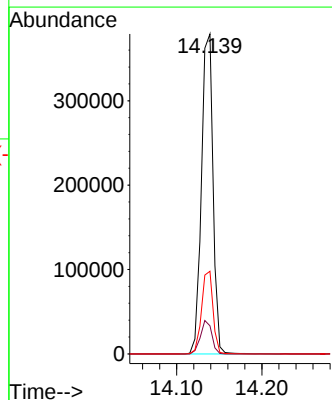
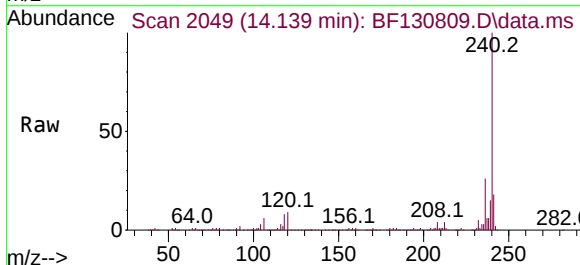


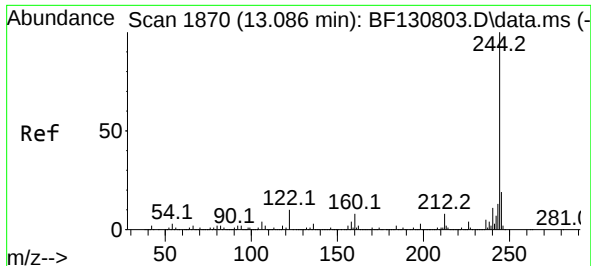
Tgt Ion:188 Resp: 423349
Ion Ratio Lower Upper
188 100
94 8.3 7.4 11.2
80 8.8 8.0 12.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.139 min Scan# 2049
Delta R.T. -0.006 min
Lab File: BF130809.D
Acq: 27 Oct 2022 21:21

Tgt Ion:240 Resp: 357070
Ion Ratio Lower Upper
240 100
120 8.8 7.0 10.4
236 25.8 20.5 30.7



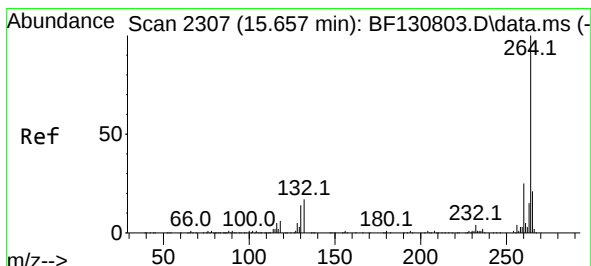
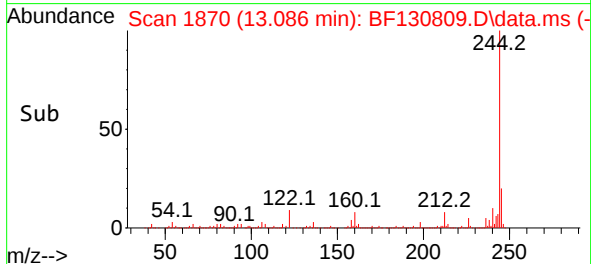
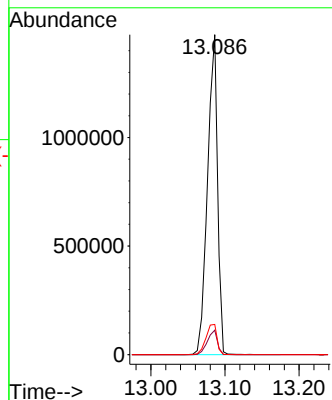
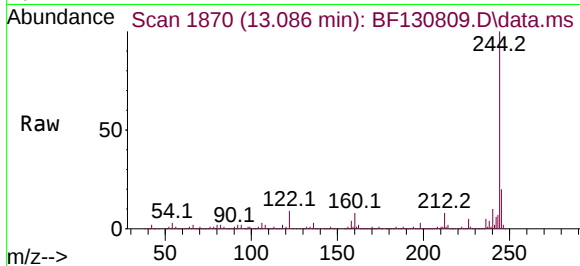


#79
 Terphenyl-d14
 Concen: 70.764 ng
 RT: 13.086 min Scan# 1870
 Delta R.T. 0.000 min
 Lab File: BF130809.D
 Acq: 27 Oct 2022 21:21

Instrument :
 BNA_F
 ClientSampleId :
 PB148572TB

Tgt Ion:244 Resp: 1378904

Ion	Ratio	Lower	Upper
244	100		
212	7.6	6.2	9.2
122	9.4	7.9	11.9



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.656 min Scan# 2307
 Delta R.T. -0.000 min
 Lab File: BF130809.D
 Acq: 27 Oct 2022 21:21

Tgt Ion:264 Resp: 265327

Ion	Ratio	Lower	Upper
264	100		
260	22.8	19.9	29.9
265	20.9	17.0	25.6

