

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110222\
 Data File : BF130930.D
 Acq On : 02 Nov 2022 14:44
 Operator : CG\JU
 Sample : N5310-20
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BIN 1-2-(2840)-COMP-4

Quant Time: Nov 03 03:42:21 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102722.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 03 03:37:09 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.922	152	79442	20.000	ng	0.00
21) Naphthalene-d8	8.210	136	313520	20.000	ng	# 0.00
39) Acenaphthene-d10	9.969	164	175950	20.000	ng	0.00
64) Phenanthrene-d10	11.463	188	326979	20.000	ng	0.00
76) Chrysene-d12	14.110	240	193266	20.000	ng	-0.01
86) Perylene-d12	15.627	264	135232	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.545	112	472248	103.056	ng	0.00
7) Phenol-d6	6.545	99	605035	101.603	ng	0.00
23) Nitrobenzene-d5	7.486	82	414928	79.802	ng	0.00
42) 2,4,6-Tribromophenol	10.763	330	168134	113.516	ng	0.00
45) 2-Fluorobiphenyl	9.286	172	767385	65.939	ng	0.00
79) Terphenyl-d14	13.057	244	833444	79.023	ng	0.00

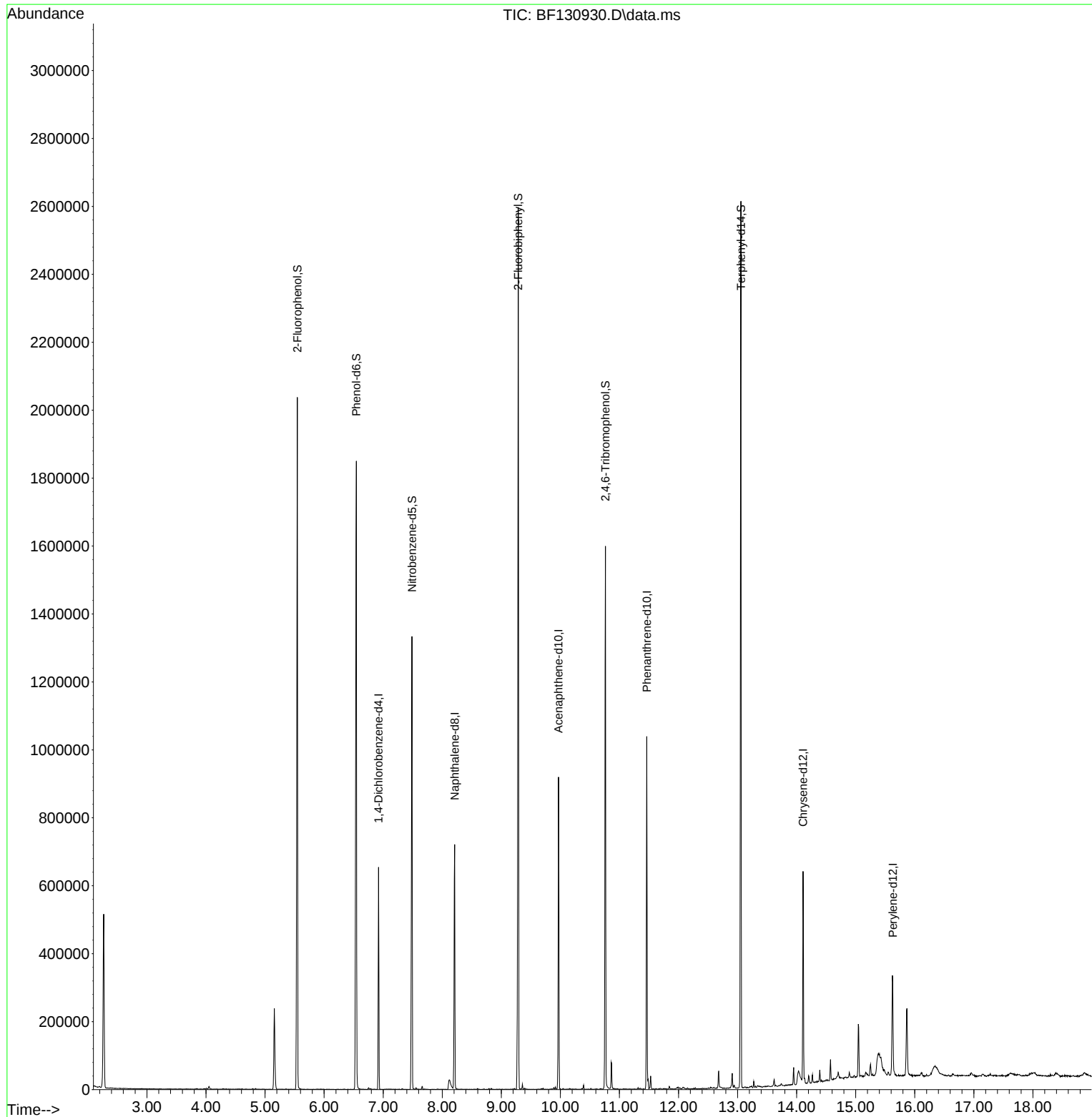
Target Compounds	Qvalue

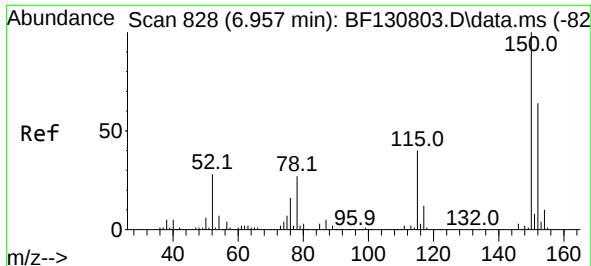
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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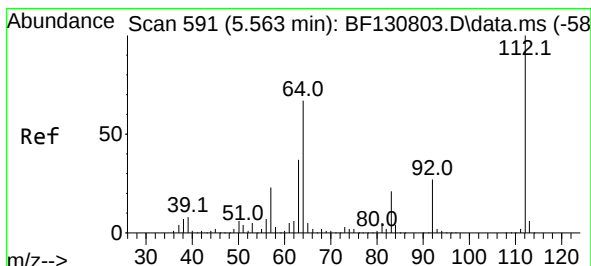
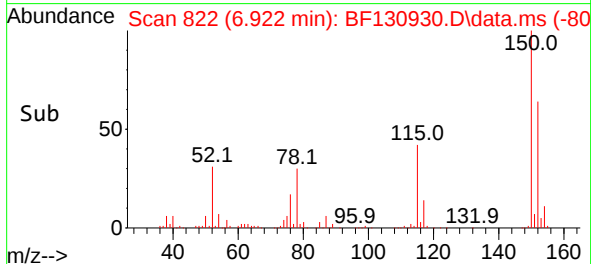
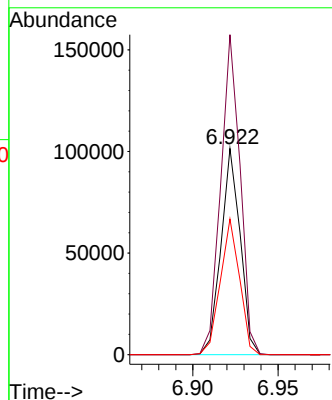
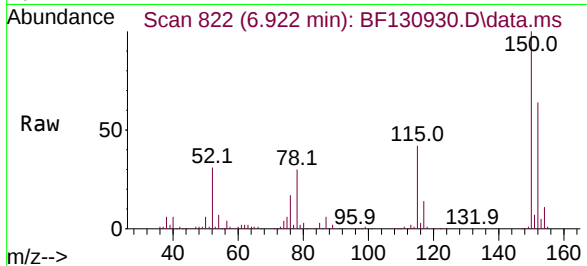




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.922 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF130930.D
Acq: 02 Nov 2022 14:44

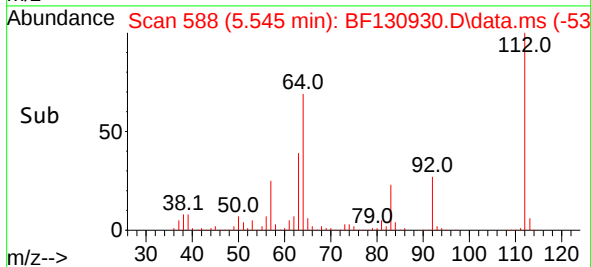
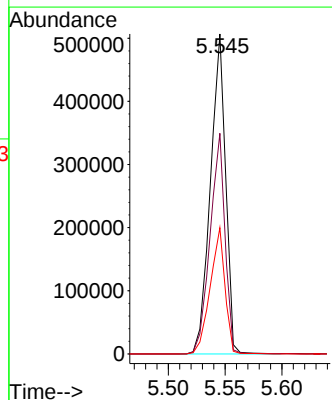
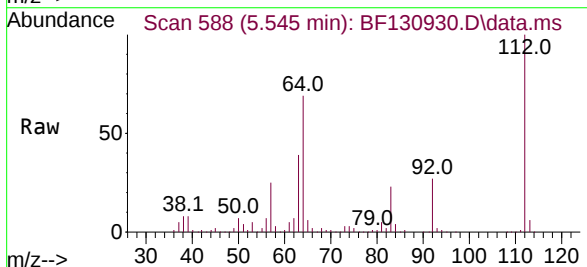
Instrument :
BNA_F
ClientSampleId :
BIN 1-2-(2840)-COMP-4

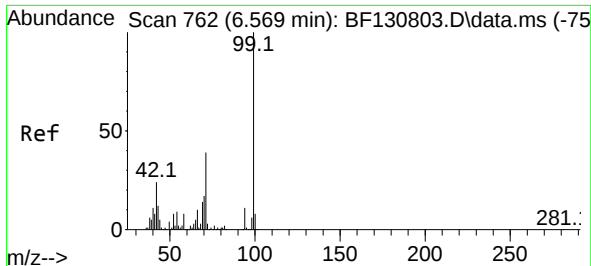
Tgt Ion:152 Resp: 79442
Ion Ratio Lower Upper
152 100
150 155.2 124.1 186.1
115 65.8 50.1 75.1



#5
2-Fluorophenol
Concen: 103.056 ng
RT: 5.545 min Scan# 588
Delta R.T. 0.006 min
Lab File: BF130930.D
Acq: 02 Nov 2022 14:44

Tgt Ion:112 Resp: 472248
Ion Ratio Lower Upper
112 100
64 68.9 53.9 80.9
63 39.4 29.4 44.2

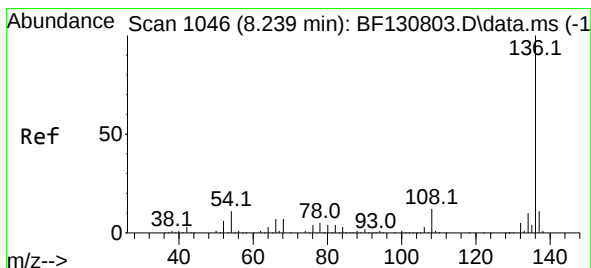
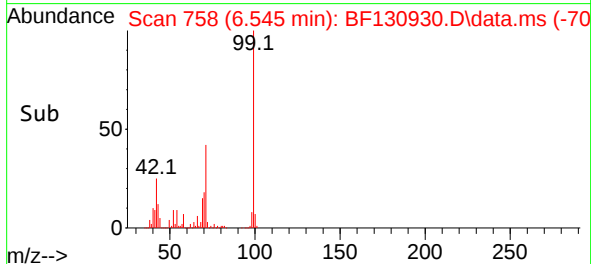
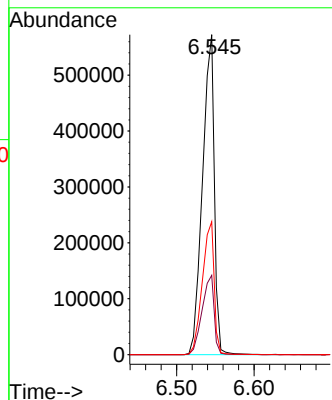
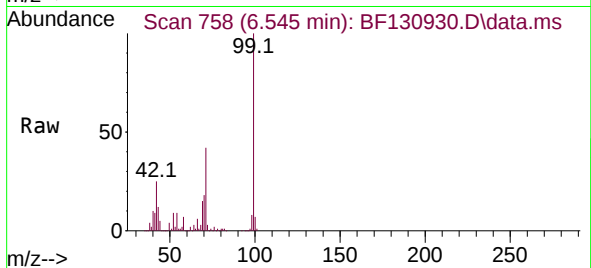




#7
Phenol-d6
Concen: 101.603 ng
RT: 6.545 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF130930.D
Acq: 02 Nov 2022 14:44

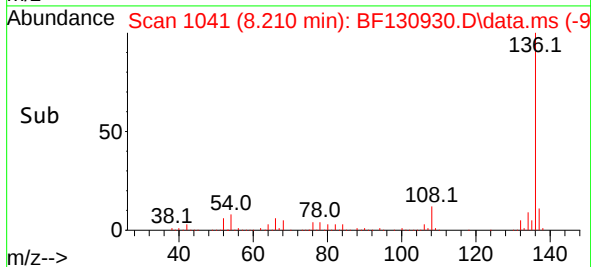
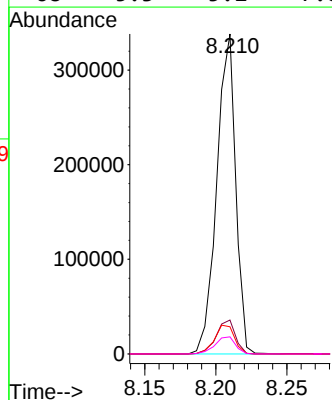
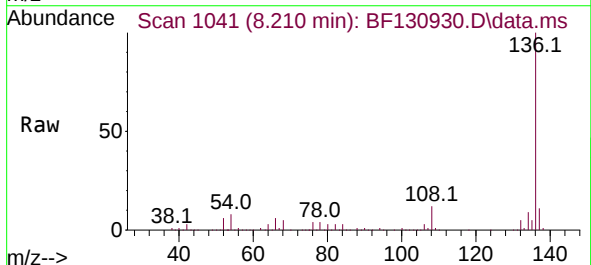
Instrument :
BNA_F
ClientSampleId :
BIN 1-2-(2840)-COMP-4

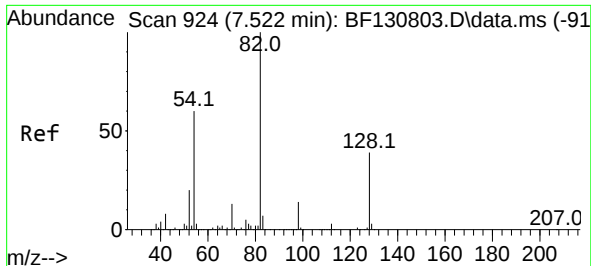
Tgt Ion: 99 Resp: 605035
Ion Ratio Lower Upper
99 100
42 24.8 18.8 28.2
71 41.5 31.4 47.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.210 min Scan# 1041
Delta R.T. -0.006 min
Lab File: BF130930.D
Acq: 02 Nov 2022 14:44

Tgt Ion: 136 Resp: 313520
Ion Ratio Lower Upper
136 100
137 10.6 9.2 13.8
54 8.5 8.8 13.2#
68 5.3 5.2 7.8





#23

Nitrobenzene-d5

Concen: 79.802 ng

RT: 7.486 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF130930.D

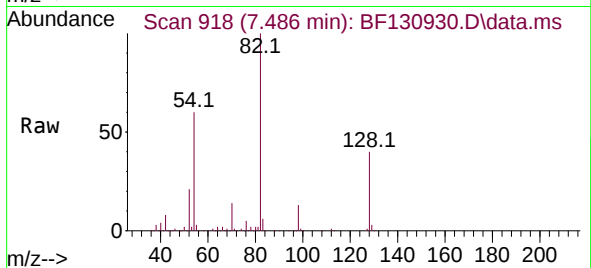
Acq: 02 Nov 2022 14:44

Instrument :

BNA_F

ClientSampleId :

BIN 1-2-(2840)-COMP-4



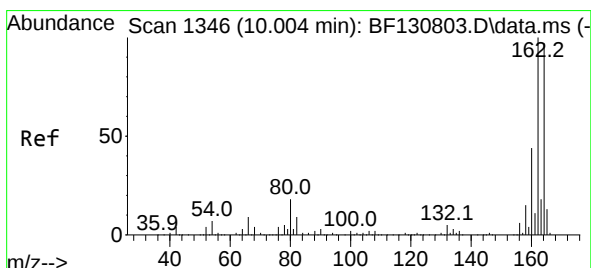
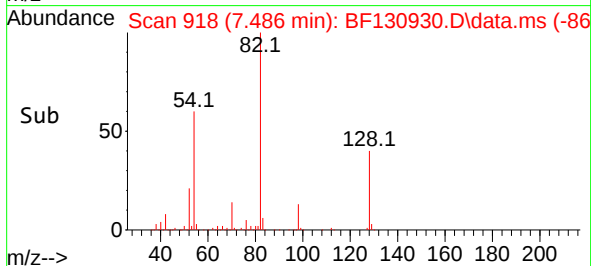
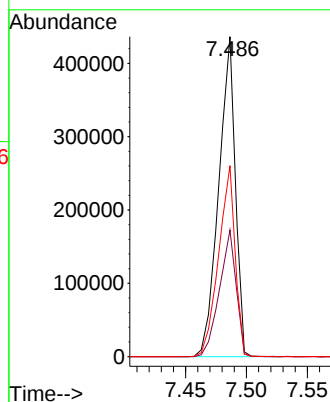
Tgt Ion: 82 Resp: 414928

Ion Ratio Lower Upper

82 100

128 39.6 31.2 46.8

54 59.7 48.0 72.0



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.969 min Scan# 1340

Delta R.T. -0.006 min

Lab File: BF130930.D

Acq: 02 Nov 2022 14:44

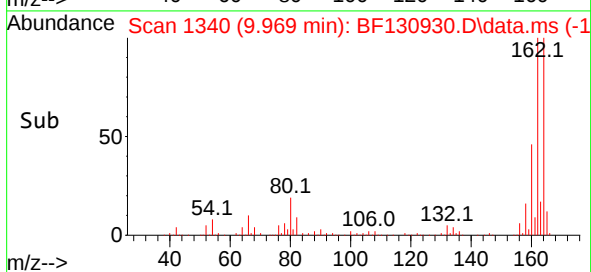
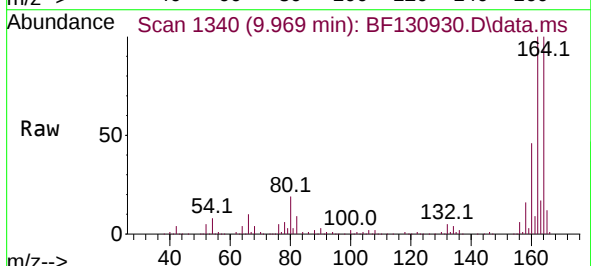
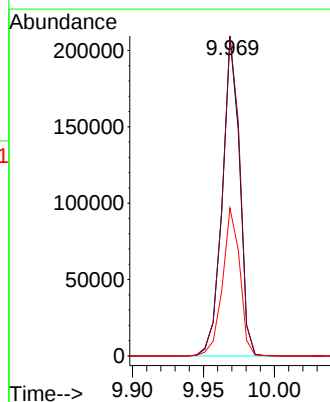
Tgt Ion: 164 Resp: 175950

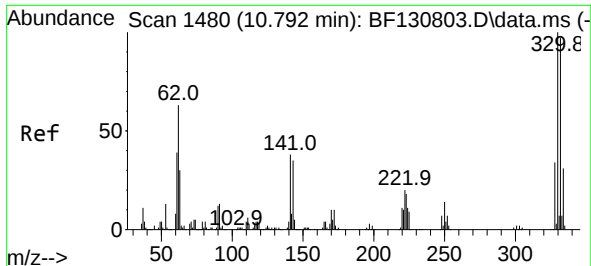
Ion Ratio Lower Upper

164 100

162 100.3 82.2 123.2

160 46.3 36.6 54.8





#42

2,4,6-Tribromophenol

Concen: 113.516 ng

RT: 10.763 min Scan# 1480

Delta R.T. -0.006 min

Lab File: BF130930.D

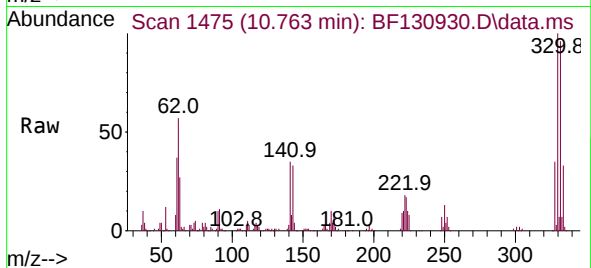
Acq: 02 Nov 2022 14:44

Instrument :

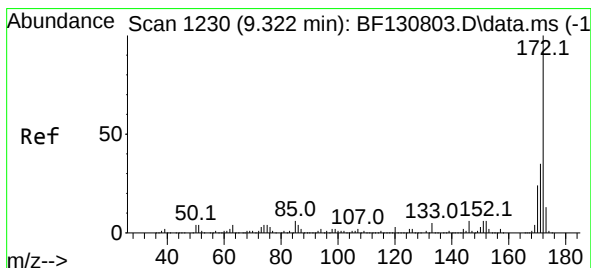
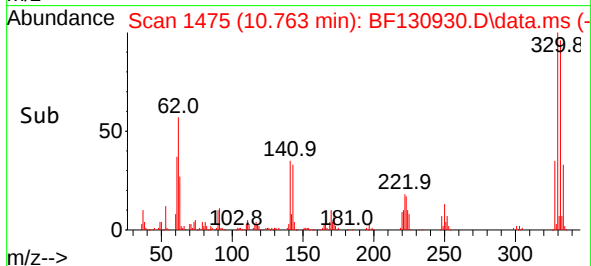
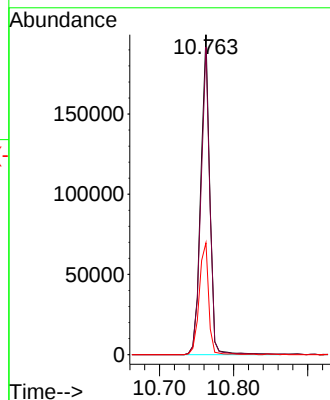
BNA_F

ClientSampleId :

BIN 1-2-(2840)-COMP-4



Tgt Ion:	330	Resp:	168134
Ion Ratio	Lower	Upper	
330	100		
332	95.1	76.2	114.4
141	36.7	31.4	47.0



#45

2-Fluorobiphenyl

Concen: 65.939 ng

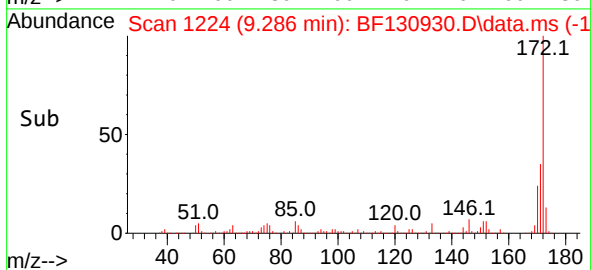
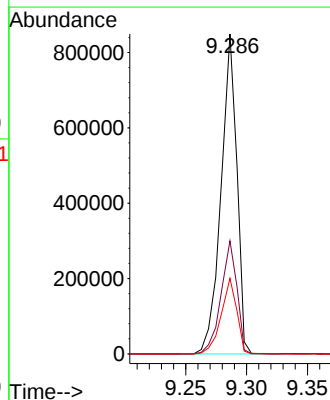
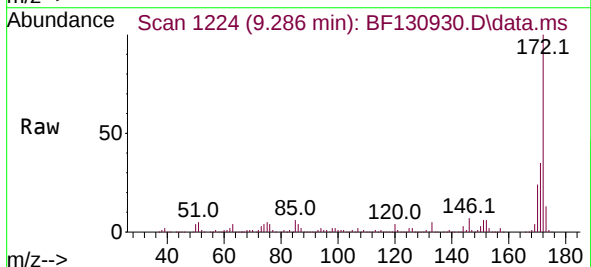
RT: 9.286 min Scan# 1224

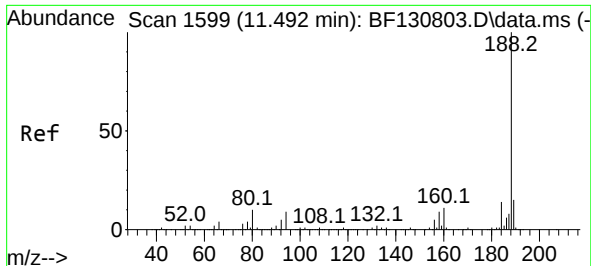
Delta R.T. -0.006 min

Lab File: BF130930.D

Acq: 02 Nov 2022 14:44

Tgt Ion:	172	Resp:	767385
Ion Ratio	Lower	Upper	
172	100		
171	35.3	28.1	42.1
170	23.6	19.0	28.4

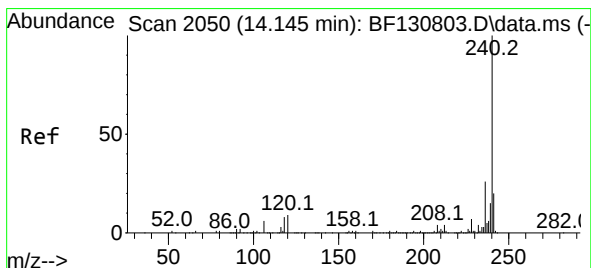
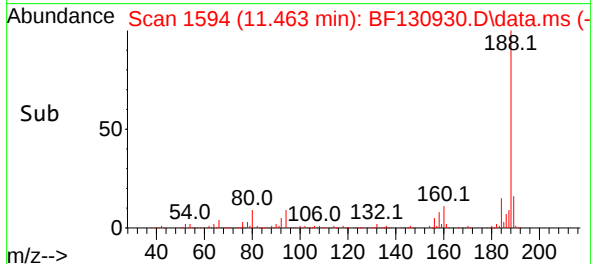
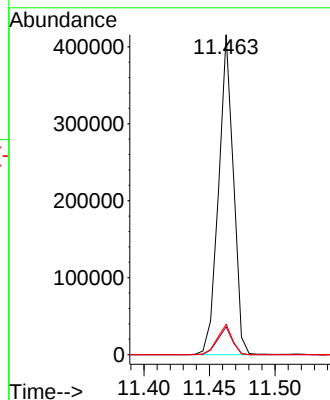
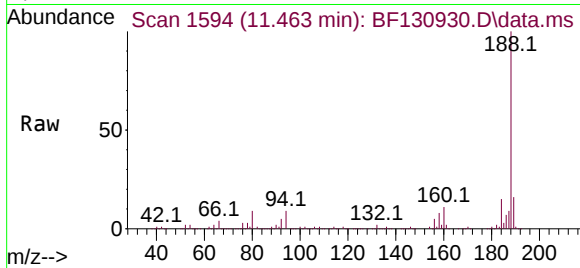




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.463 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF130930.D
Acq: 02 Nov 2022 14:44

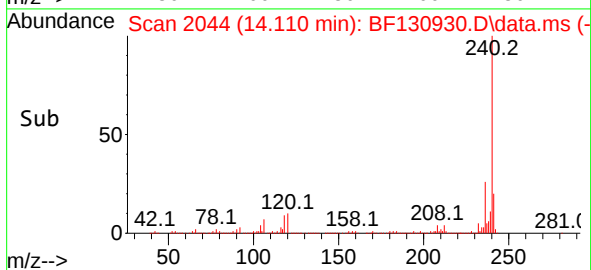
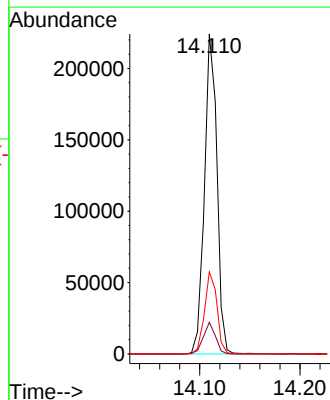
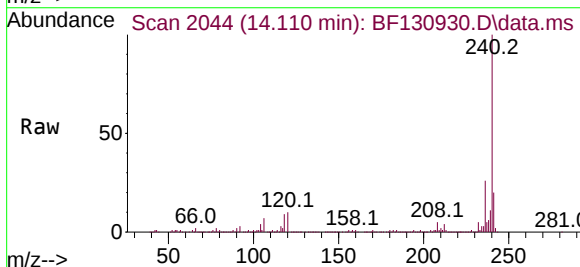
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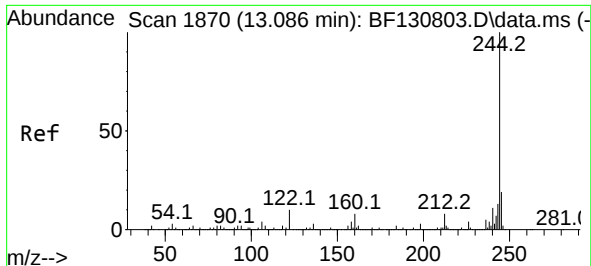
Tgt Ion:188 Resp: 326979
Ion Ratio Lower Upper
188 100
94 8.7 7.4 11.2
80 9.5 8.0 12.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.110 min Scan# 2044
Delta R.T. -0.012 min
Lab File: BF130930.D
Acq: 02 Nov 2022 14:44

Tgt Ion:240 Resp: 193266
Ion Ratio Lower Upper
240 100
120 9.9 7.0 10.4
236 25.6 20.5 30.7

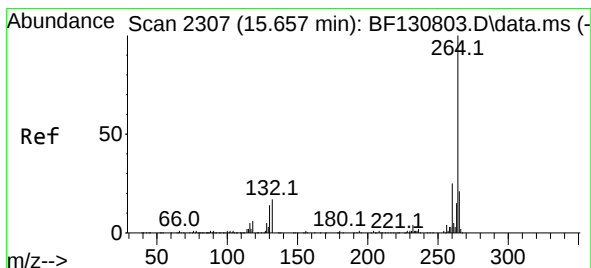
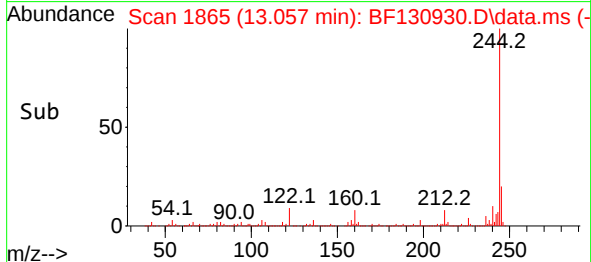
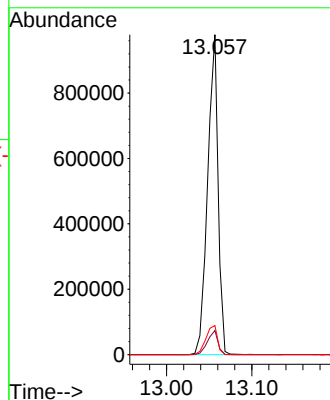
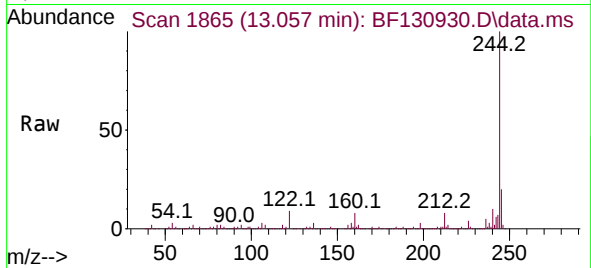




#79
 Terphenyl-d14
 Concen: 79.023 ng
 RT: 13.057 min Scan# 1870
 Delta R.T. -0.000 min
 Lab File: BF130930.D
 Acq: 02 Nov 2022 14:44

Instrument :
 BNA_F
 ClientSampleId :
 BIN 1-2-(2840)-COMP-4

Tgt Ion:244 Resp: 833444
 Ion Ratio Lower Upper
 244 100
 212 7.5 6.2 9.2
 122 9.1 7.9 11.9



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.627 min Scan# 2302
 Delta R.T. -0.000 min
 Lab File: BF130930.D
 Acq: 02 Nov 2022 14:44

Tgt Ion:264 Resp: 135232
 Ion Ratio Lower Upper
 264 100
 260 22.3 19.9 29.9
 265 20.5 17.0 25.6

