

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF090622\
 Data File : BF130147.D
 Acq On : 06 Sep 2022 20:20
 Operator : CG\JU
 Sample : N4501-16
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-16-COMP

Quant Time: Sep 07 02:18:00 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF083122.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 07 02:05:07 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.693	152	213312	20.000	ng	0.00
21) Naphthalene-d8	7.975	136	851981	20.000	ng	0.00
39) Acenaphthene-d10	9.728	164	466330	20.000	ng	0.00
64) Phenanthrene-d10	11.204	188	808600	20.000	ng	# 0.00
76) Chrysene-d12	13.833	240	527193	20.000	ng	-0.01
86) Perylene-d12	15.227	264	393351	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.310	112	1744999	138.876	ng	0.01
7) Phenol-d6	6.328	99	2240978	143.056	ng	0.00
23) Nitrobenzene-d5	7.263	82	1304408	98.393	ng	0.00
42) 2,4,6-Tribromophenol	10.516	330	657234	154.829	ng	0.00
45) 2-Fluorobiphenyl	9.057	172	2415569	85.881	ng	0.00
79) Terphenyl-d14	12.798	244	2691912	88.546	ng	0.00

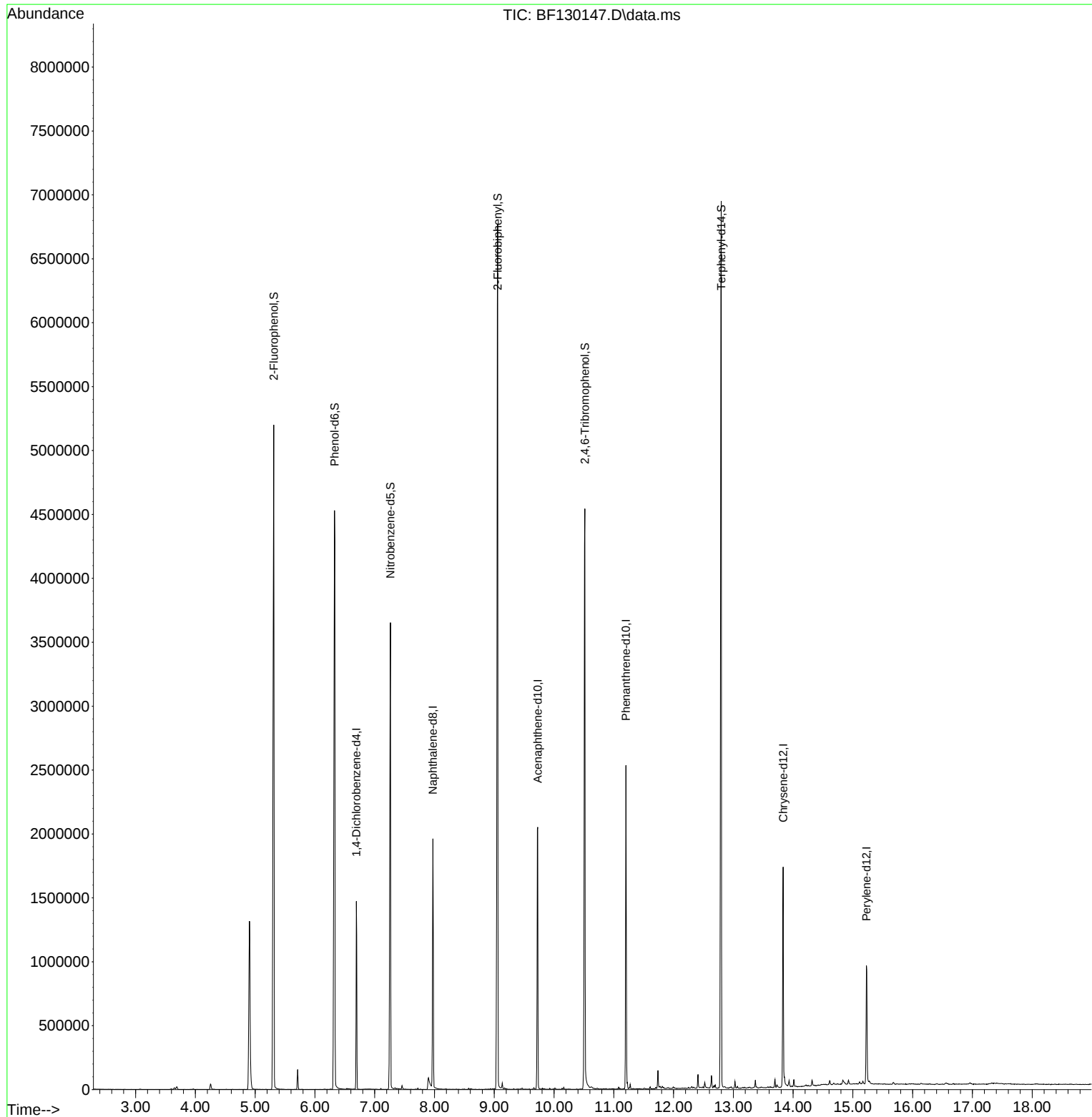
Target Compounds	Qvalue

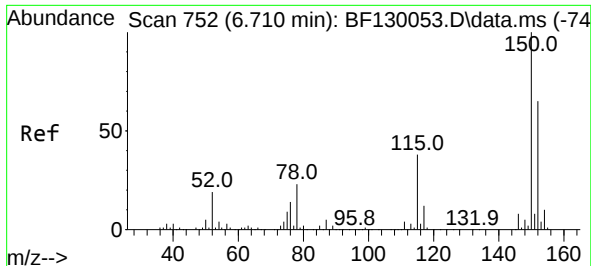
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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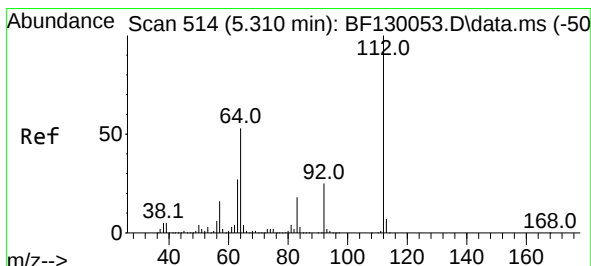
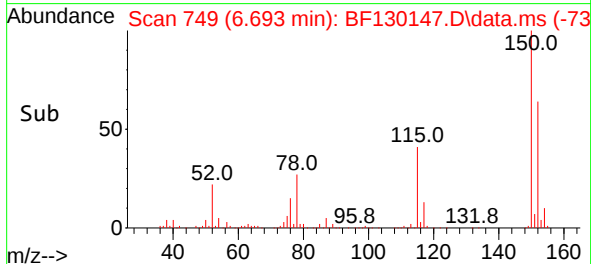
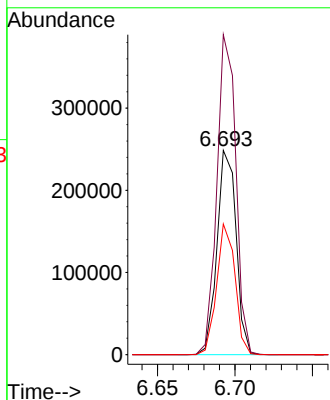
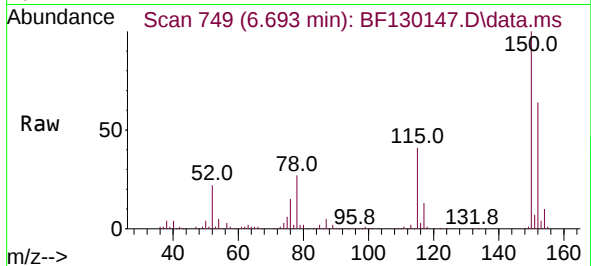




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.693 min Scan# 74
 Delta R.T. -0.005 min
 Lab File: BF130147.D
 Acq: 06 Sep 2022 20:20

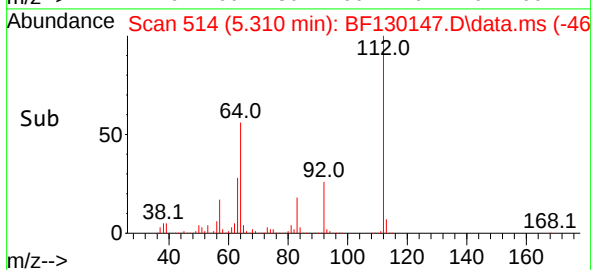
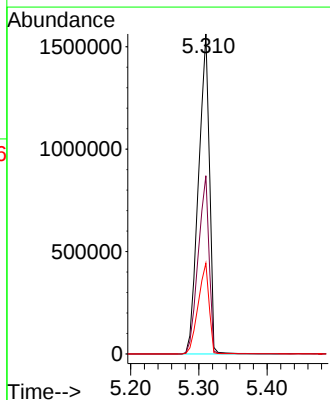
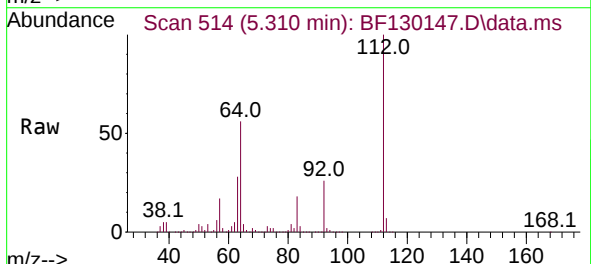
Instrument :
 BNA_F
 ClientSampleId :
 SB-16-COMP

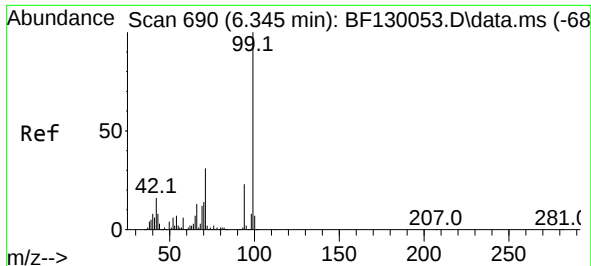
Tgt Ion:152 Resp: 213312
 Ion Ratio Lower Upper
 152 100
 150 156.7 126.9 190.3
 115 64.0 53.4 80.0



#5
 2-Fluorophenol
 Concen: 138.876 ng
 RT: 5.310 min Scan# 514
 Delta R.T. 0.012 min
 Lab File: BF130147.D
 Acq: 06 Sep 2022 20:20

Tgt Ion:112 Resp: 1744999
 Ion Ratio Lower Upper
 112 100
 64 55.7 47.6 71.4
 63 28.3 24.6 37.0

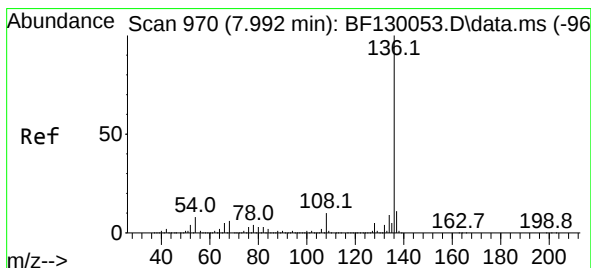
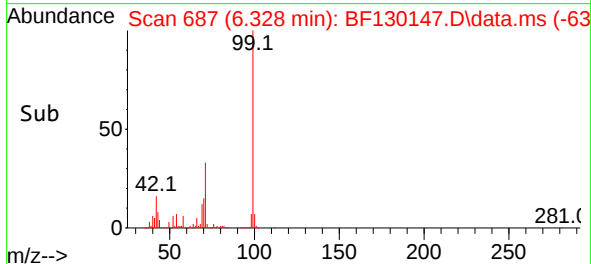
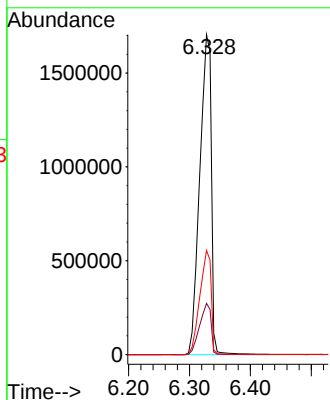
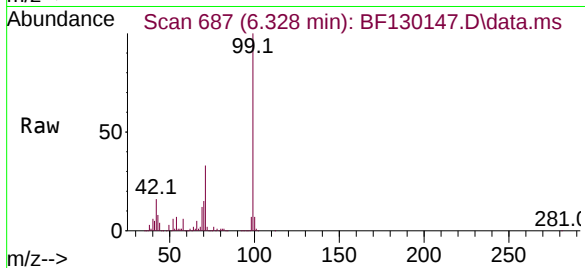




#7
Phenol-d6
Concen: 143.056 ng
RT: 6.328 min Scan# 68
Delta R.T. -0.006 min
Lab File: BF130147.D
Acq: 06 Sep 2022 20:20

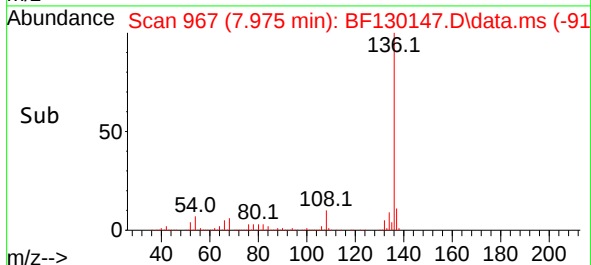
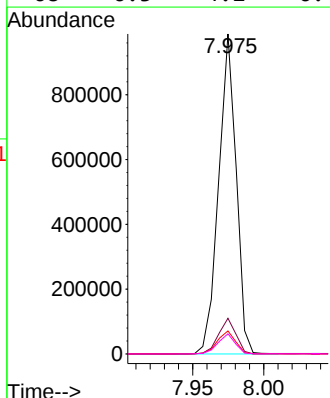
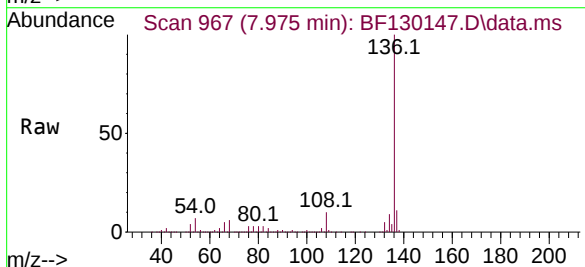
Instrument :
BNA_F
ClientSampleId :
SB-16-COMP

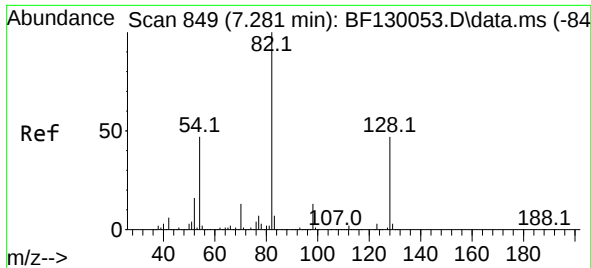
Tgt Ion: 99 Resp: 2240978
Ion Ratio Lower Upper
99 100
42 16.0 15.0 22.4
71 32.6 28.8 43.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.975 min Scan# 967
Delta R.T. -0.006 min
Lab File: BF130147.D
Acq: 06 Sep 2022 20:20

Tgt Ion: 136 Resp: 851981
Ion Ratio Lower Upper
136 100
137 11.1 8.4 12.6
54 7.2 6.2 9.2
68 6.3 4.2 6.4

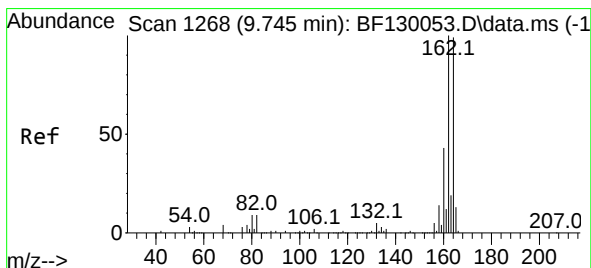
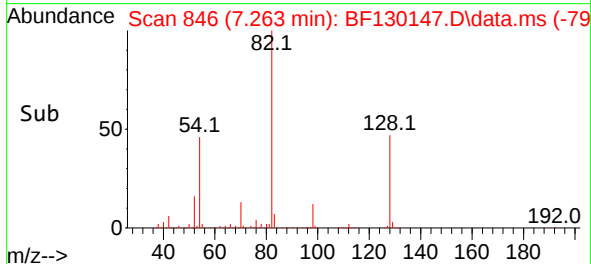
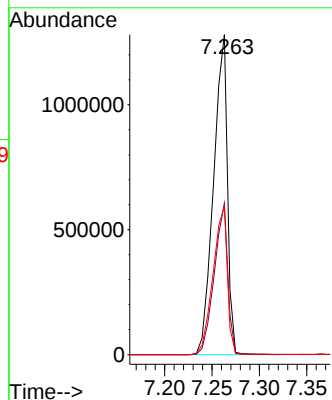
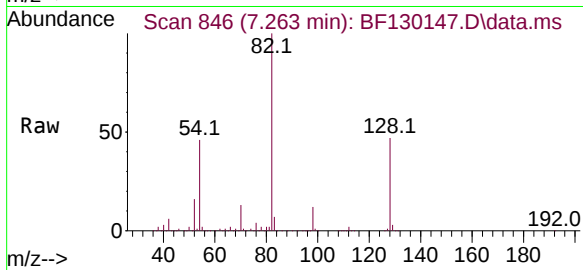




#23
Nitrobenzene-d5
Concen: 98.393 ng
RT: 7.263 min Scan# 84
Delta R.T. -0.006 min
Lab File: BF130147.D
Acq: 06 Sep 2022 20:20

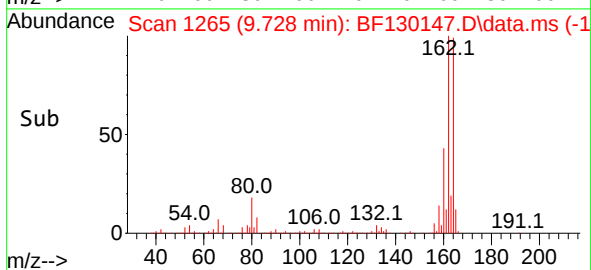
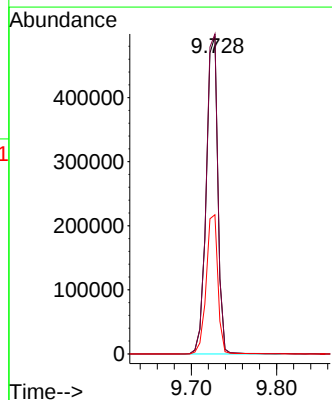
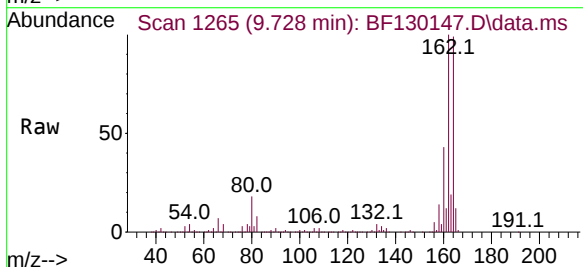
Instrument :
BNA_F
ClientSampleId :
SB-16-COMP

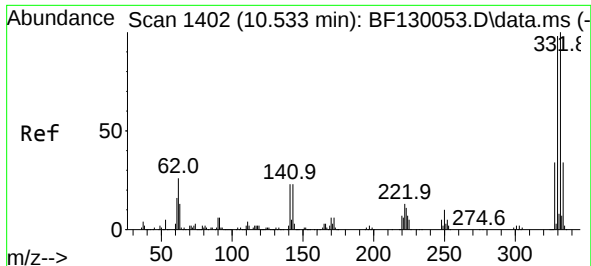
Tgt Ion: 82 Resp: 1304408
Ion Ratio Lower Upper
82 100
128 47.3 36.1 54.1
54 46.4 40.0 60.0



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.728 min Scan# 1265
Delta R.T. -0.006 min
Lab File: BF130147.D
Acq: 06 Sep 2022 20:20

Tgt Ion:164 Resp: 466330
Ion Ratio Lower Upper
164 100
162 100.8 82.0 123.0
160 43.8 35.4 53.0





#42

2,4,6-Tribromophenol

Concen: 154.829 ng

RT: 10.516 min Scan# 1399

Delta R.T. -0.006 min

Lab File: BF130147.D

Acq: 06 Sep 2022 20:20

Instrument :

BNA_F

ClientSampleId :

SB-16-COMP

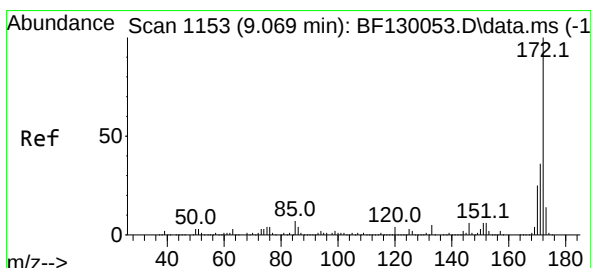
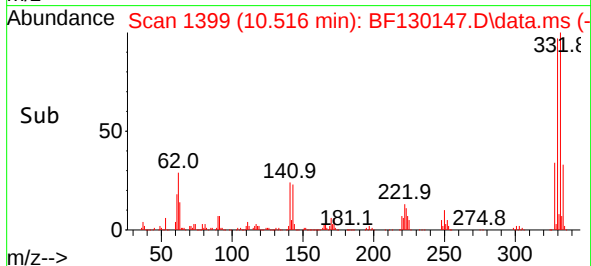
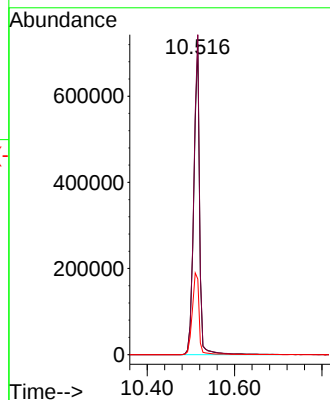
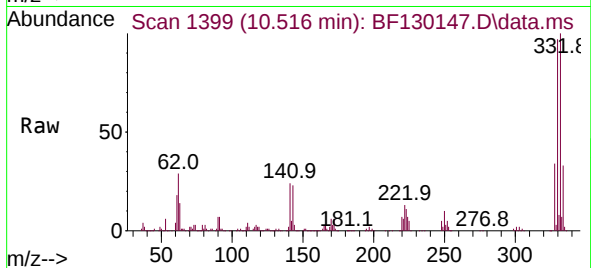
Tgt Ion:330 Resp: 657234

Ion Ratio Lower Upper

330 100

332 102.4 82.6 124.0

141 31.1 27.6 41.4



#45

2-Fluorobiphenyl

Concen: 85.881 ng

RT: 9.057 min Scan# 1151

Delta R.T. 0.000 min

Lab File: BF130147.D

Acq: 06 Sep 2022 20:20

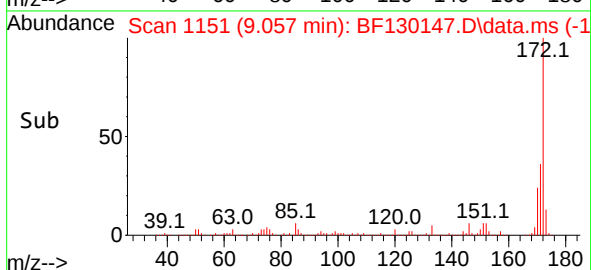
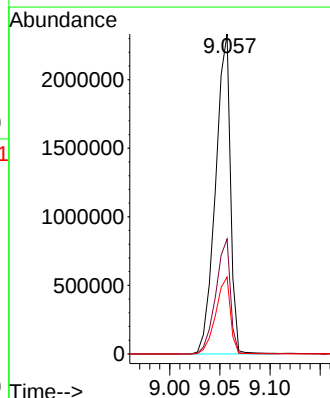
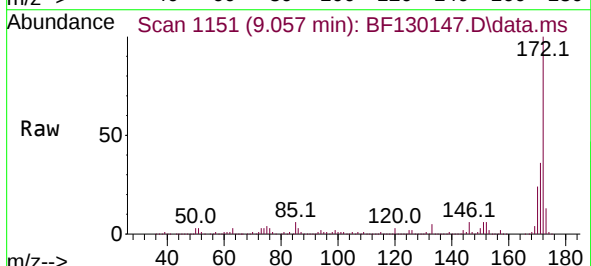
Tgt Ion:172 Resp: 2415569

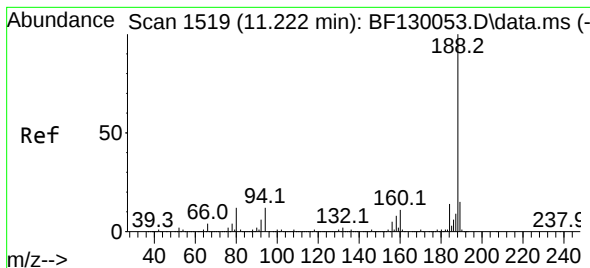
Ion Ratio Lower Upper

172 100

171 35.9 28.4 42.6

170 24.0 19.1 28.7





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.204 min Scan# 1516

Delta R.T. -0.006 min

Lab File: BF130147.D

Acq: 06 Sep 2022 20:20

Instrument :

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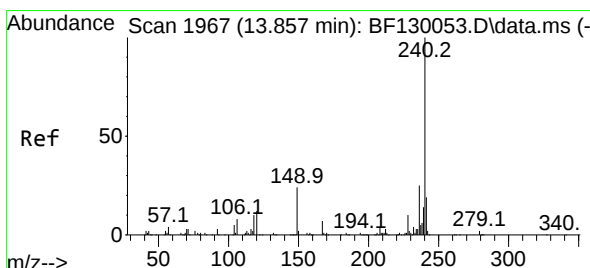
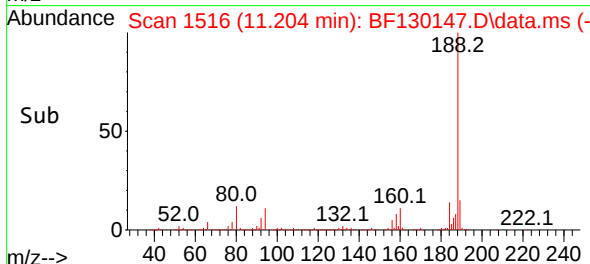
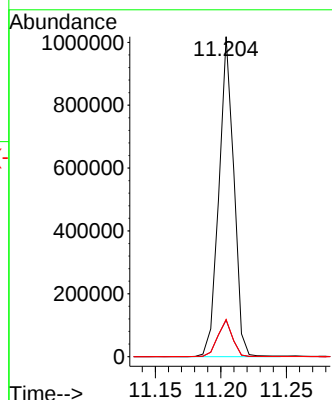
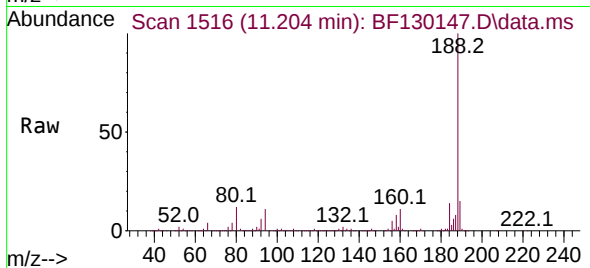
Tgt Ion:188 Resp: 808600

Ion Ratio Lower Upper

188 100

94 11.4 7.4 11.2#

80 11.6 7.9 11.9



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.833 min Scan# 1963

Delta R.T. -0.012 min

Lab File: BF130147.D

Acq: 06 Sep 2022 20:20

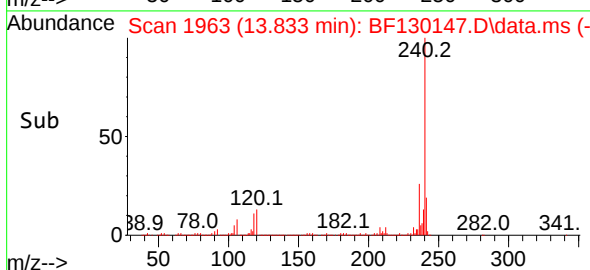
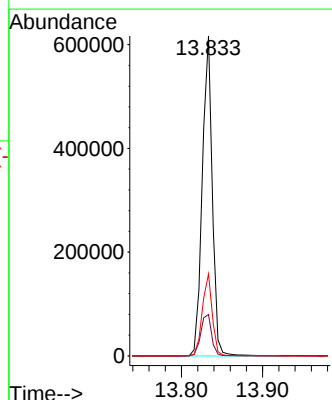
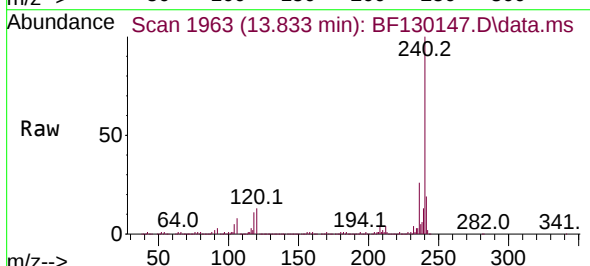
Tgt Ion:240 Resp: 527193

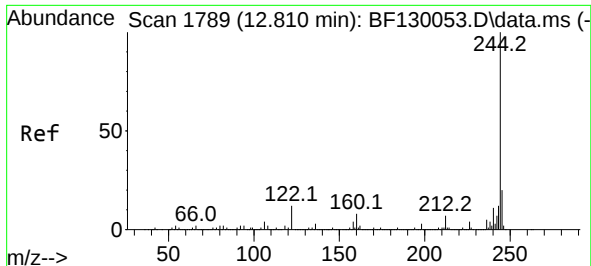
Ion Ratio Lower Upper

240 100

120 12.9 9.2 13.8

236 25.6 20.7 31.1

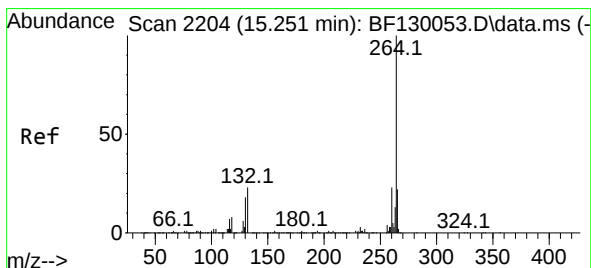
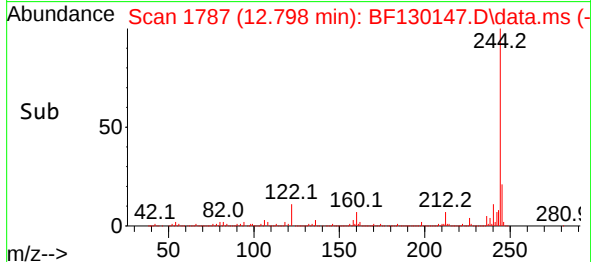
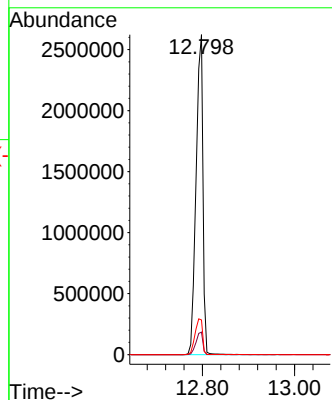
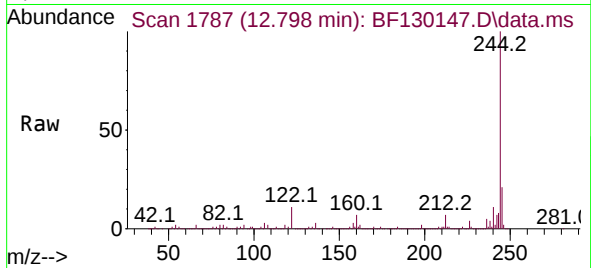




#79
 Terphenyl-d14
 Concen: 88.546 ng
 RT: 12.798 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: BF130147.D
 Acq: 06 Sep 2022 20:20

Instrument :
 BNA_F
 ClientSampleId :
 SB-16-COMP

Tgt Ion:244 Resp: 2691912
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.9 8.9
 122 10.8 9.9 14.9



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.227 min Scan# 2200
 Delta R.T. -0.012 min
 Lab File: BF130147.D
 Acq: 06 Sep 2022 20:20

Tgt Ion:264 Resp: 393351
 Ion Ratio Lower Upper
 264 100
 260 23.1 19.1 28.7
 265 21.5 16.7 25.1

