

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF090222\
 Data File : BF130116.D
 Acq On : 02 Sep 2022 17:50
 Operator : CG\JU
 Sample : N4466-03
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SAP2-T-5-(15-35)

Quant Time: Sep 03 05:48:14 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF083122.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 31 18:15:32 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.704	152	206565	20.000	ng	0.00
21) Naphthalene-d8	7.981	136	815111	20.000	ng	#-0.01
39) Acenaphthene-d10	9.733	164	438747	20.000	ng	-0.01
64) Phenanthrene-d10	11.210	188	735706	20.000	ng	#-0.01
76) Chrysene-d12	13.839	240	470458	20.000	ng	#-0.02
86) Perylene-d12	15.239	264	381561	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.310	112	1332424	109.505	ng	0.00
7) Phenol-d6	6.334	99	1640958	108.174	ng	-0.01
23) Nitrobenzene-d5	7.269	82	965469	76.121	ng	-0.01
42) 2,4,6-Tribromophenol	10.522	330	454060	113.691	ng	-0.01
45) 2-Fluorobiphenyl	9.057	172	1747591	66.039	ng	-0.01
79) Terphenyl-d14	12.798	244	1717627	63.312	ng	-0.01

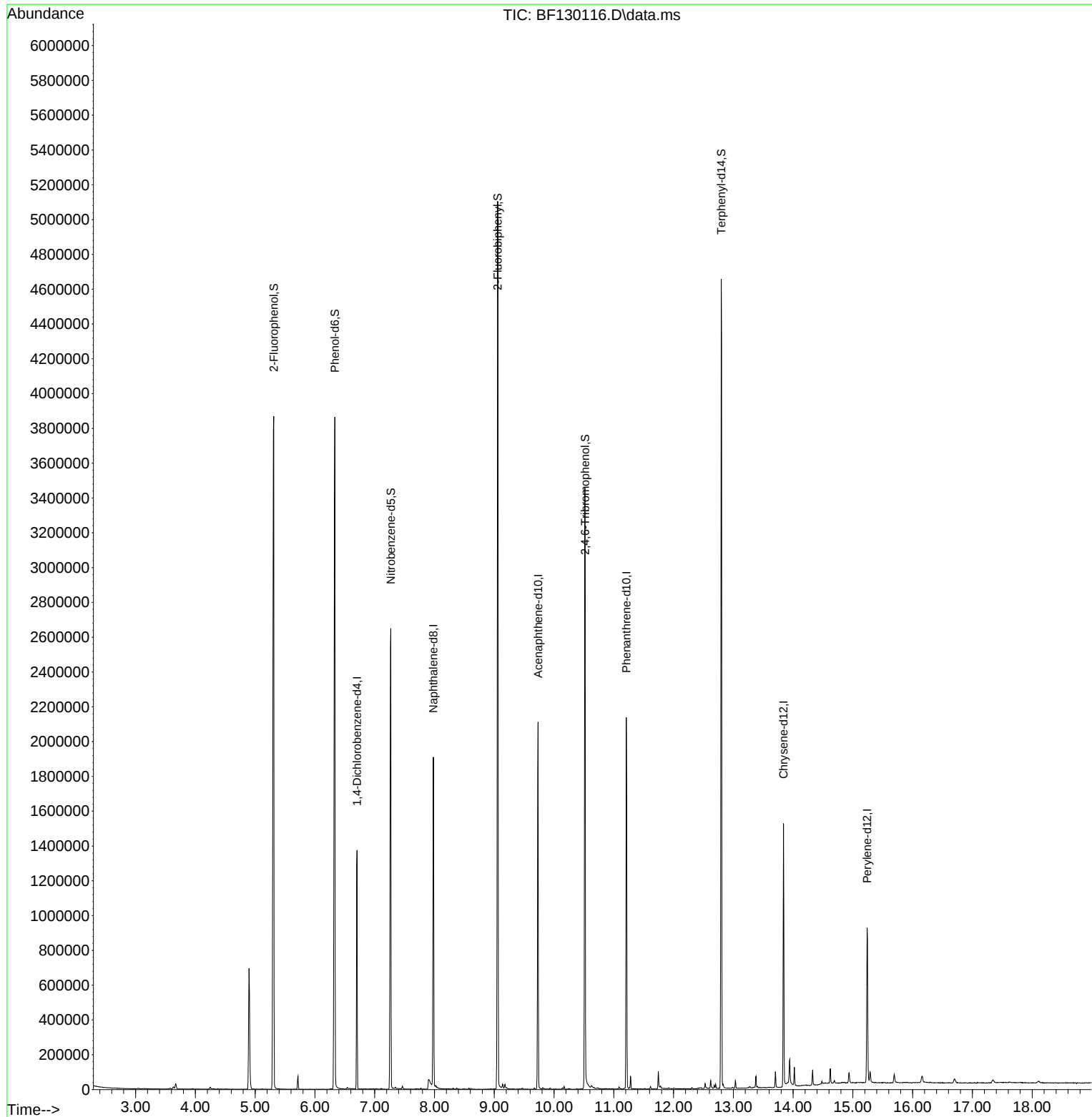
Target Compounds Qvalue

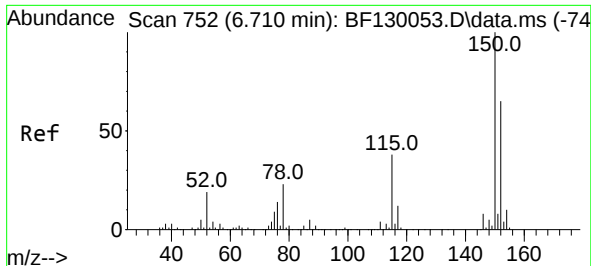
 (#) = qualifier out of range (m) = manual integration (+) = signals summed

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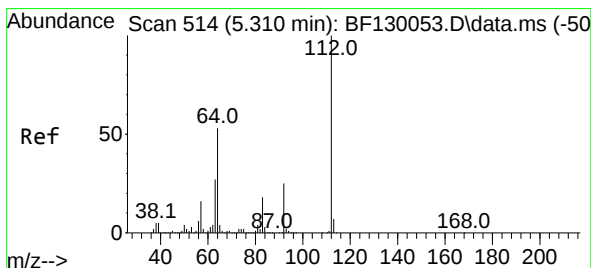
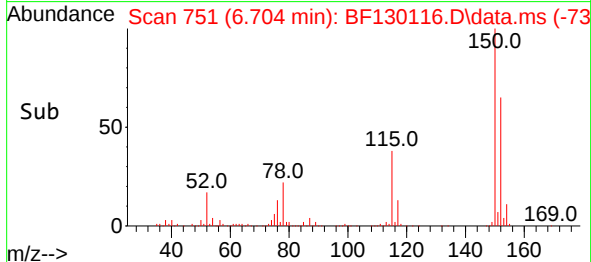
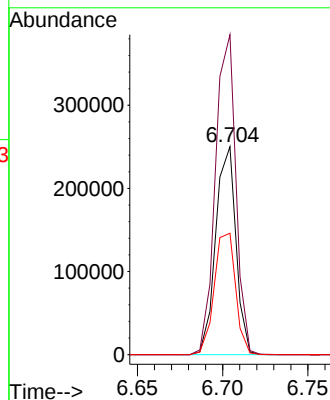
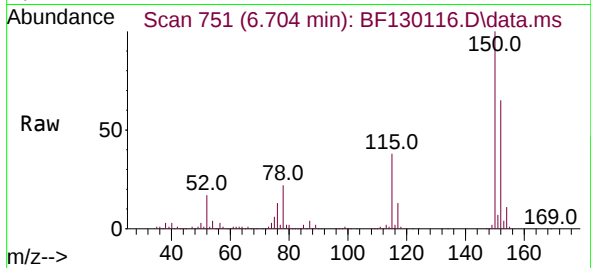




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.704 min Scan# 751
 Delta R.T. -0.006 min
 Lab File: BF130116.D
 Acq: 02 Sep 2022 17:50

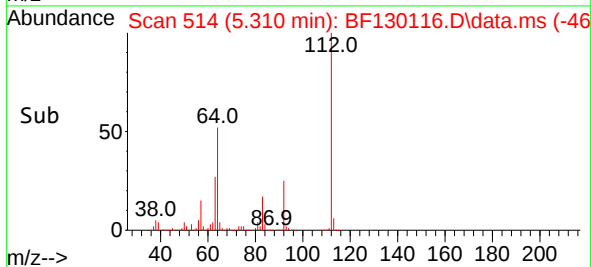
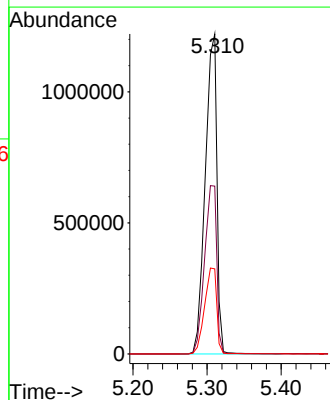
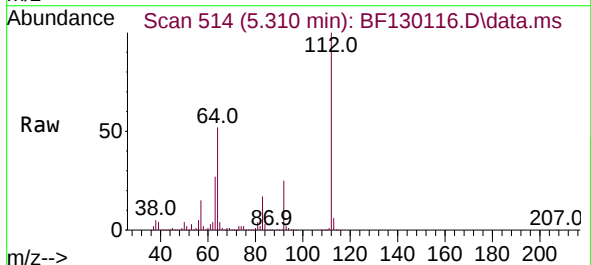
Instrument :
 BNA_F
 ClientSampleId :
 SAP2-T-5-(15-35)

Tgt Ion:152 Resp: 206565
 Ion Ratio Lower Upper
 152 100
 150 153.8 126.9 190.3
 115 58.4 53.4 80.0



#5
 2-Fluorophenol
 Concen: 109.505 ng
 RT: 5.310 min Scan# 514
 Delta R.T. 0.000 min
 Lab File: BF130116.D
 Acq: 02 Sep 2022 17:50

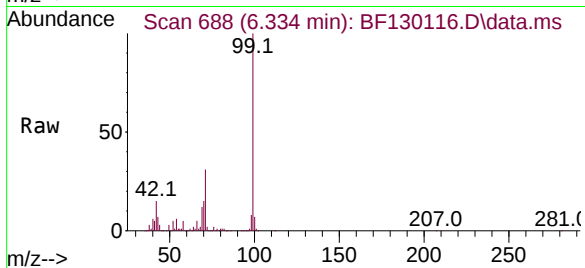
Tgt Ion:112 Resp: 1332424
 Ion Ratio Lower Upper
 112 100
 64 52.4 47.6 71.4
 63 26.6 24.6 37.0





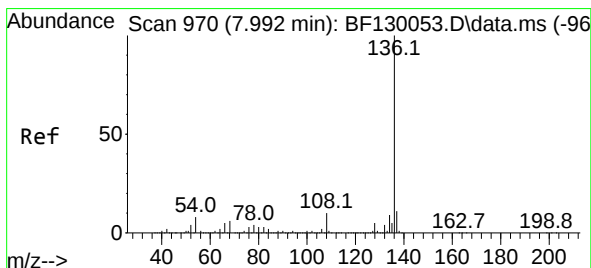
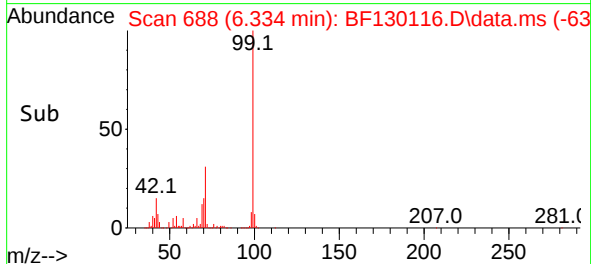
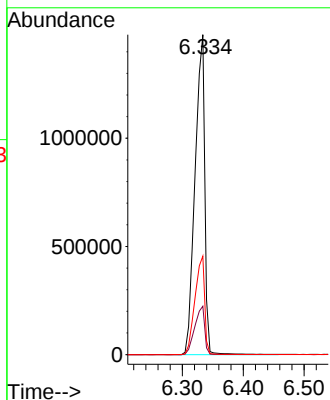
#7
Phenol-d6
Concen: 108.174 ng
RT: 6.334 min Scan# 68
Delta R.T. -0.012 min
Lab File: BF130116.D
Acq: 02 Sep 2022 17:50

Instrument :
BNA_F
ClientSampleId :
SAP2-T-5-(15-35)



Tgt Ion: 99 Resp: 1640958

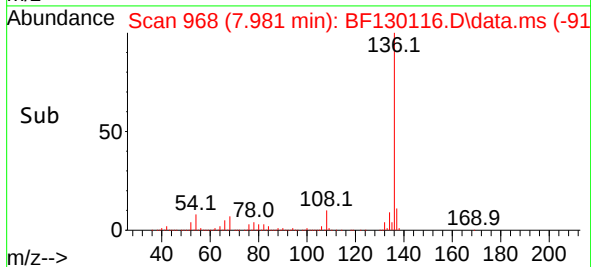
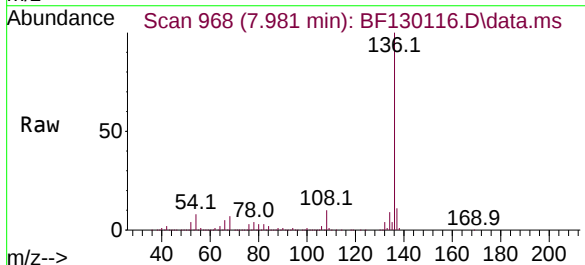
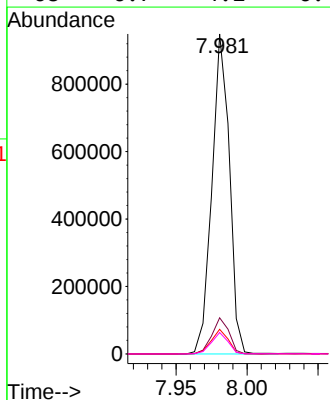
Ion	Ratio	Lower	Upper
99	100		
42	15.1	15.0	22.4
71	30.8	28.8	43.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.981 min Scan# 968
Delta R.T. -0.011 min
Lab File: BF130116.D
Acq: 02 Sep 2022 17:50

Tgt Ion: 136 Resp: 815111

Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.4	12.6
54	7.7	6.2	9.2
68	6.7	4.2	6.4





#23

Nitrobenzene-d5

Concen: 76.121 ng

RT: 7.269 min Scan# 84

Delta R.T. -0.012 min

Lab File: BF130116.D

Acq: 02 Sep 2022 17:50

Instrument :

BNA_F

ClientSampleId :

SAP2-T-5-(15-35)

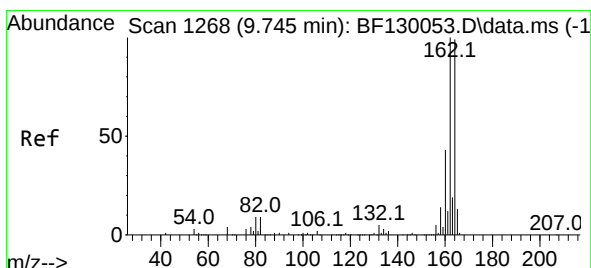
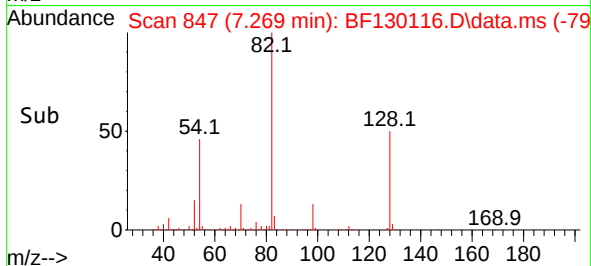
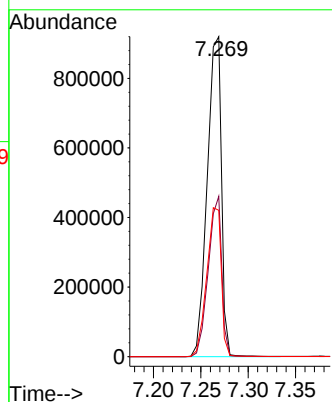
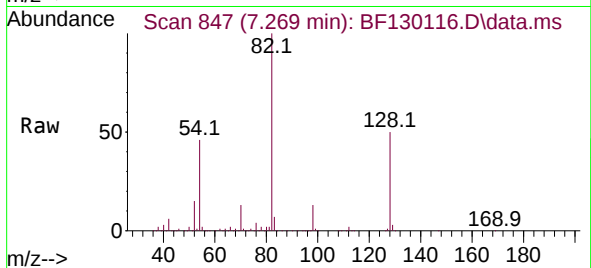
Tgt Ion: 82 Resp: 965469

Ion Ratio Lower Upper

82 100

128 50.1 36.1 54.1

54 45.7 40.0 60.0



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.733 min Scan# 1266

Delta R.T. -0.012 min

Lab File: BF130116.D

Acq: 02 Sep 2022 17:50

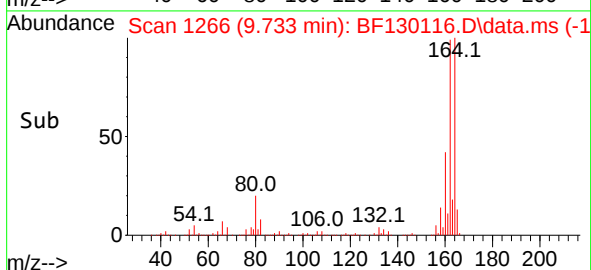
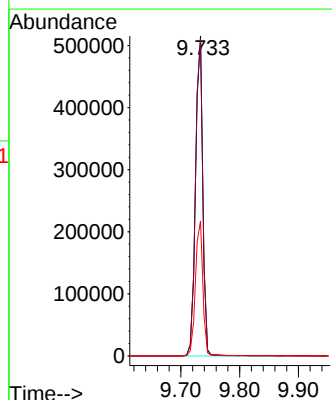
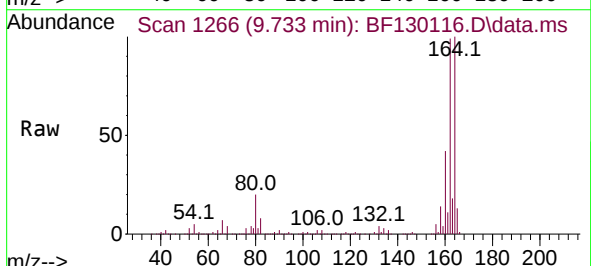
Tgt Ion: 164 Resp: 438747

Ion Ratio Lower Upper

164 100

162 99.1 82.0 123.0

160 42.2 35.4 53.0





#42

2,4,6-Tribromophenol

Concen: 113.691 ng

RT: 10.522 min Scan# 1400

Delta R.T. -0.012 min

Lab File: BF130116.D

Acq: 02 Sep 2022 17:50

Instrument :

BNA_F

ClientSampleId :

SAP2-T-5-(15-35)

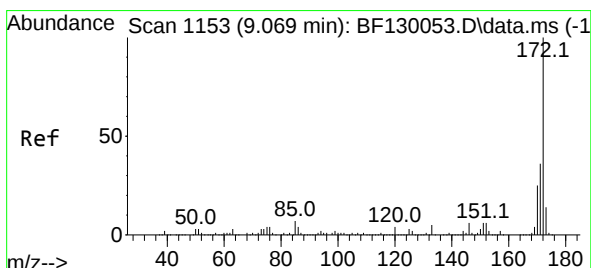
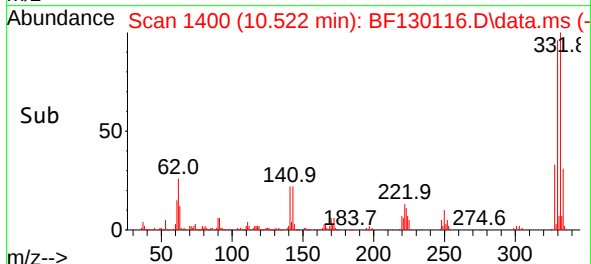
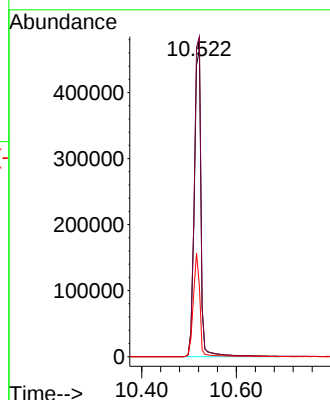
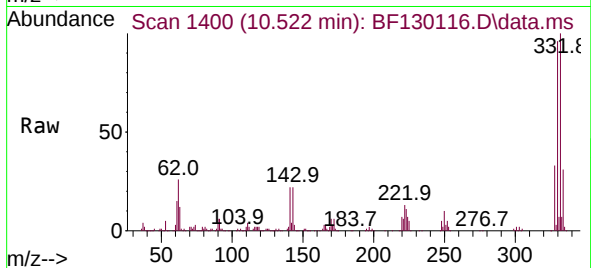
Tgt Ion:330 Resp: 454060

Ion Ratio Lower Upper

330 100

332 104.0 82.6 124.0

141 32.7 27.6 41.4



#45

2-Fluorobiphenyl

Concen: 66.039 ng

RT: 9.057 min Scan# 1151

Delta R.T. -0.012 min

Lab File: BF130116.D

Acq: 02 Sep 2022 17:50

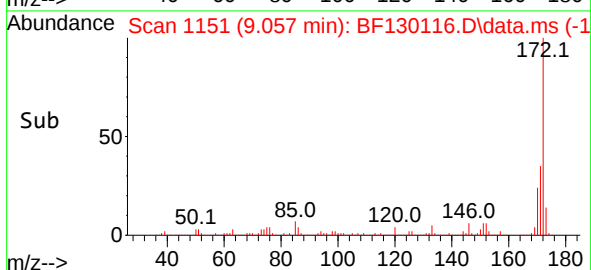
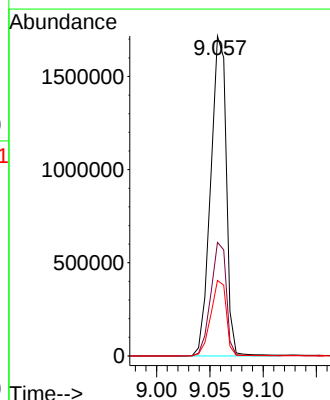
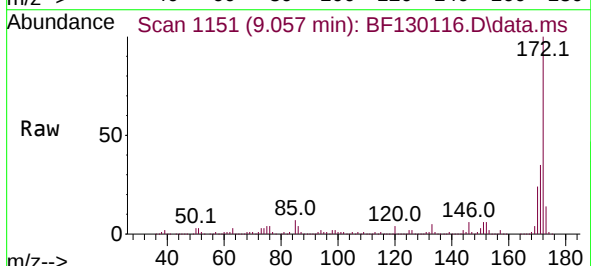
Tgt Ion:172 Resp: 1747591

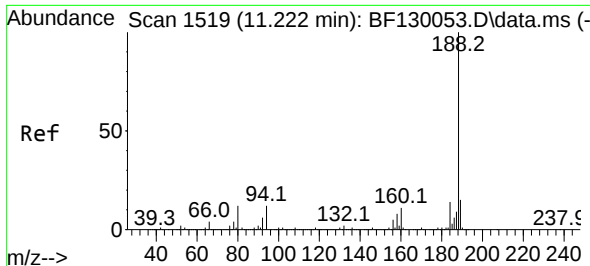
Ion Ratio Lower Upper

172 100

171 35.5 28.4 42.6

170 23.6 19.1 28.7

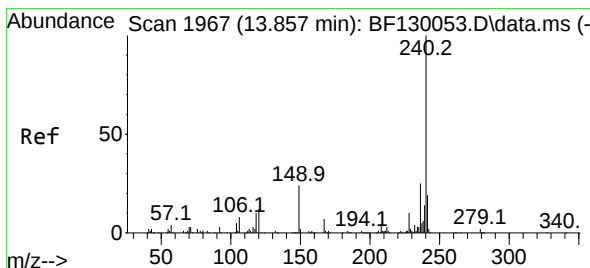
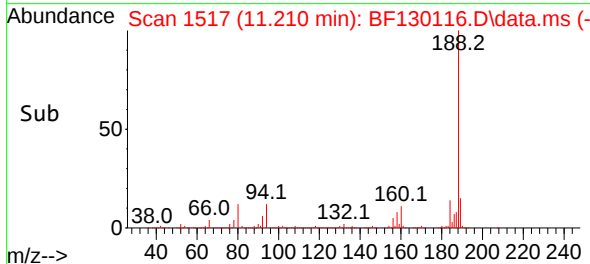
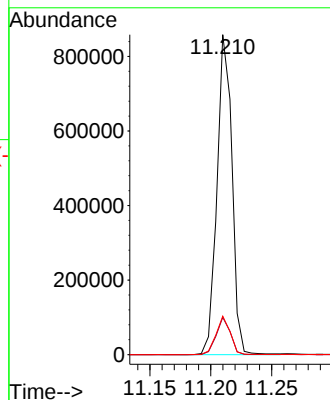
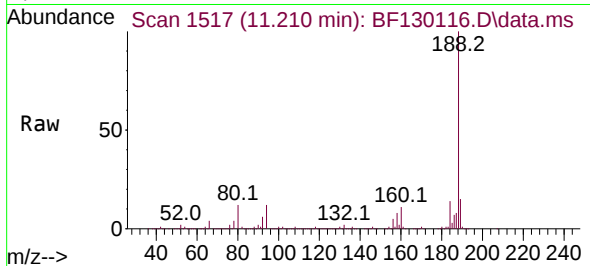




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.210 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF130116.D
Acq: 02 Sep 2022 17:50

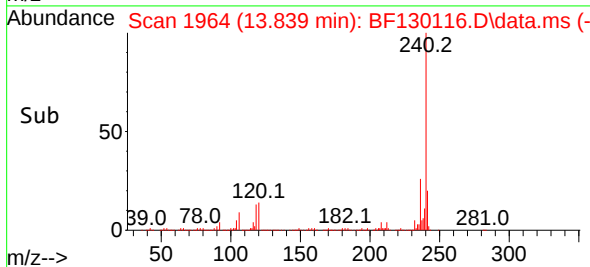
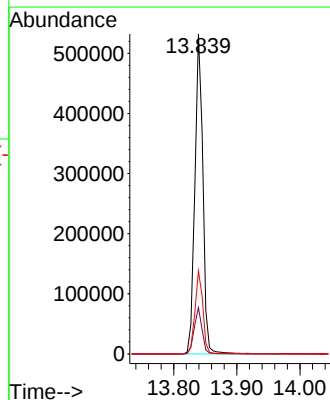
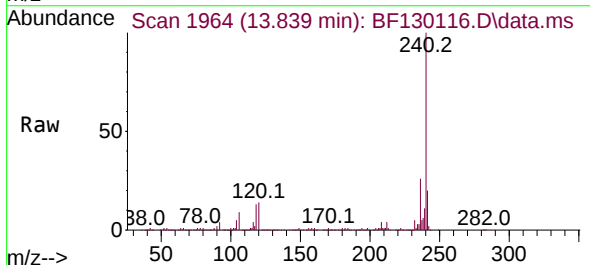
Instrument :
BNA_F
ClientSampleId :
SAP2-T-5-(15-35)

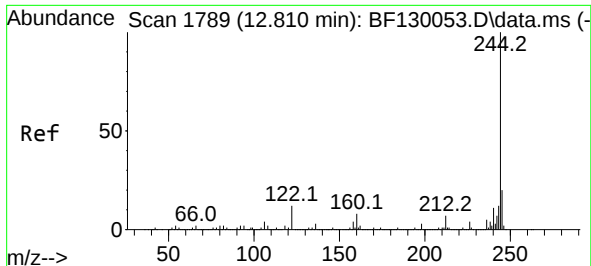
Tgt Ion:188 Resp: 735706
Ion Ratio Lower Upper
188 100
94 11.6 7.4 11.2#
80 12.0 7.9 11.9#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.839 min Scan# 1964
Delta R.T. -0.018 min
Lab File: BF130116.D
Acq: 02 Sep 2022 17:50

Tgt Ion:240 Resp: 470458
Ion Ratio Lower Upper
240 100
120 14.5 9.2 13.8#
236 25.9 20.7 31.1

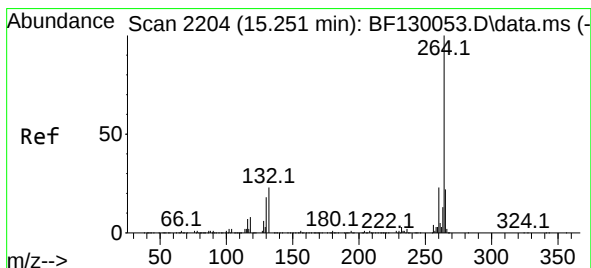
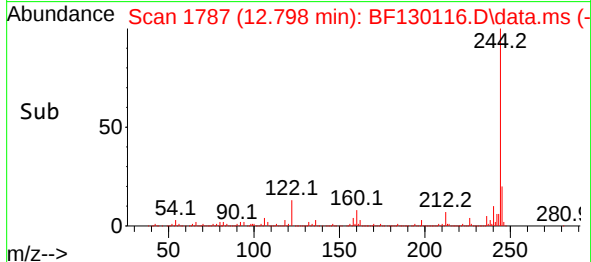
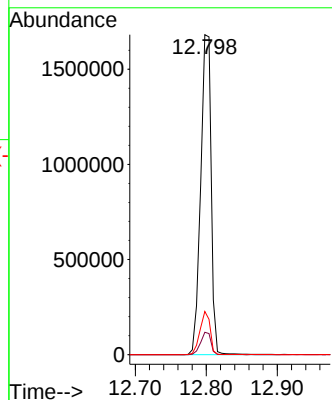
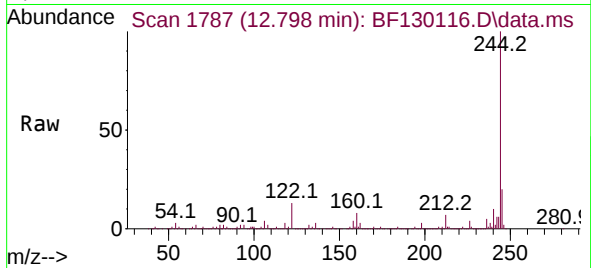




#79
 Terphenyl-d14
 Concen: 63.312 ng
 RT: 12.798 min Scan# 11
 Delta R.T. -0.012 min
 Lab File: BF130116.D
 Acq: 02 Sep 2022 17:50

Instrument :
 BNA_F
 ClientSampleId :
 SAP2-T-5-(15-35)

Tgt Ion:244 Resp: 1717627
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.9 8.9
 122 13.5 9.9 14.9



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.239 min Scan# 2202
 Delta R.T. -0.012 min
 Lab File: BF130116.D
 Acq: 02 Sep 2022 17:50

Tgt Ion:264 Resp: 381561
 Ion Ratio Lower Upper
 264 100
 260 23.4 19.1 28.7
 265 22.5 16.7 25.1

