

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF090222\
 Data File : BF130125.D
 Acq On : 02 Sep 2022 22:37
 Operator : CG\JU
 Sample : N4437-02
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BASMENT-STAND-PIPE

Quant Time: Sep 03 05:53:15 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	219222	20.000	ng	0.00
21) Naphthalene-d8	7.981	136	851648	20.000	ng	#-0.01
39) Acenaphthene-d10	9.733	164	443748	20.000	ng	-0.01
64) Phenanthrene-d10	11.210	188	701141	20.000	ng	#-0.01
76) Chrysene-d12	13.839	240	411887	20.000	ng	#-0.02
86) Perylene-d12	15.239	264	388143	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.298	112	542102	41.980	ng	-0.01
7) Phenol-d6	6.322	99	409063	25.409	ng	-0.02
23) Nitrobenzene-d5	7.269	82	1277187	96.378	ng	-0.01
42) 2,4,6-Tribromophenol	10.522	330	381311	94.399	ng	-0.01
45) 2-Fluorobiphenyl	9.063	172	2202029	82.273	ng	0.00
79) Terphenyl-d14	12.804	244	2012060	84.712	ng	0.00

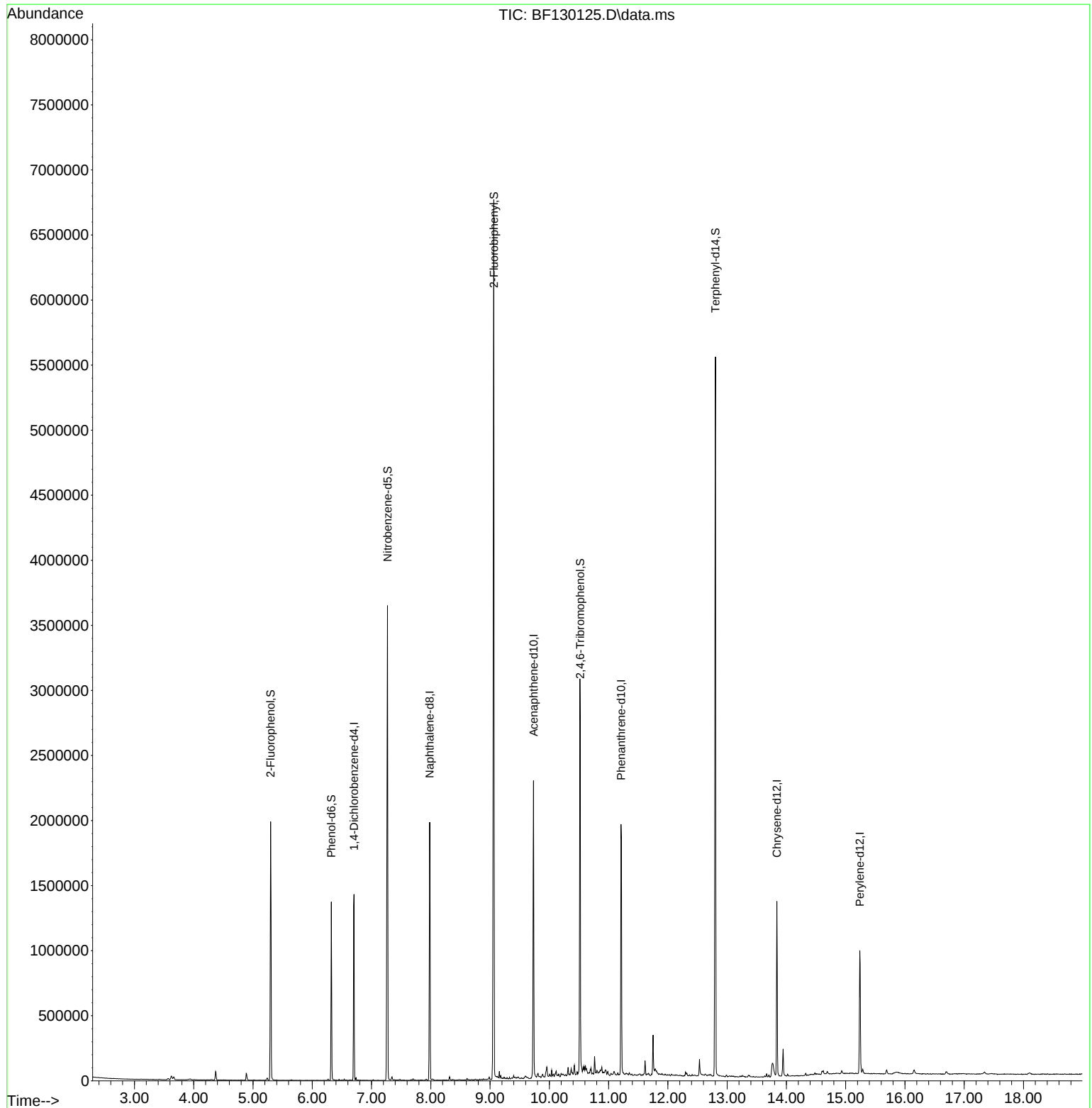
Target Compounds Qvalue

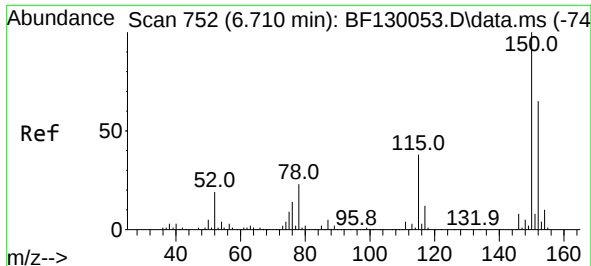
 (#) = qualifier out of range (m) = manual integration (+) = signals summed

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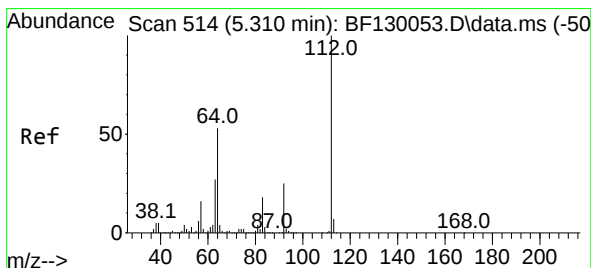
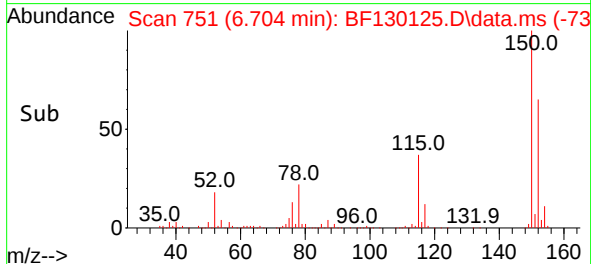
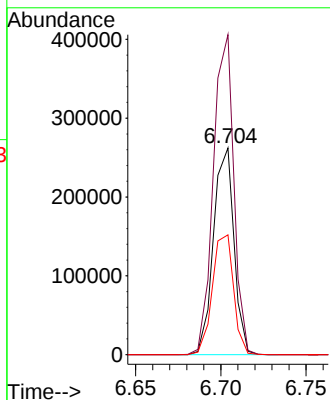
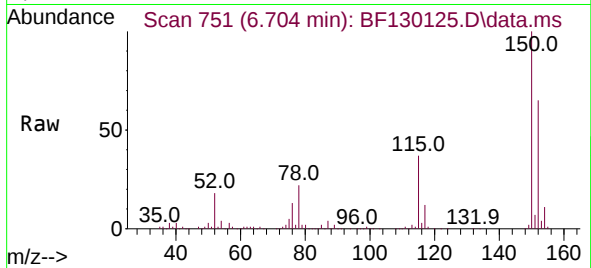




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.704 min Scan# 751
Delta R.T. -0.006 min
Lab File: BF130125.D
Acq: 02 Sep 2022 22:37

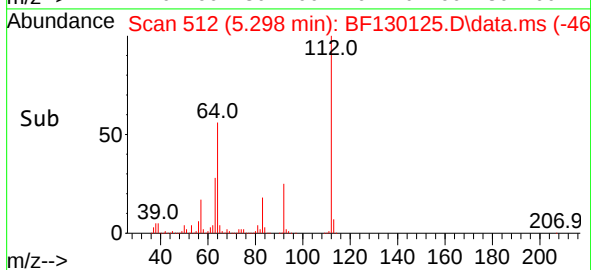
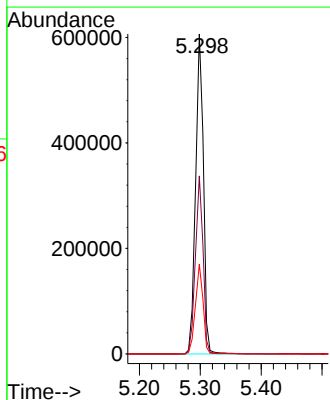
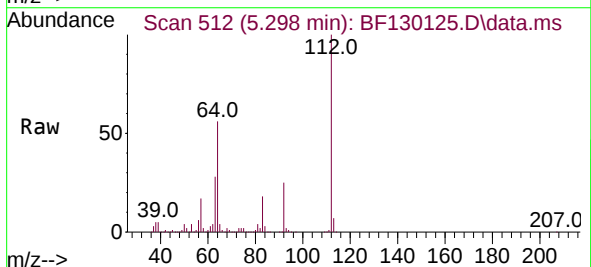
Instrument :
BNA_F
ClientSampleId :
BASMENT-STAND-PIPE

Tgt Ion:152 Resp: 219222
Ion Ratio Lower Upper
152 100
150 154.9 126.9 190.3
115 58.0 53.4 80.0



#5
2-Fluorophenol
Concen: 41.980 ng
RT: 5.298 min Scan# 512
Delta R.T. -0.012 min
Lab File: BF130125.D
Acq: 02 Sep 2022 22:37

Tgt Ion:112 Resp: 542102
Ion Ratio Lower Upper
112 100
64 55.6 47.6 71.4
63 28.1 24.6 37.0

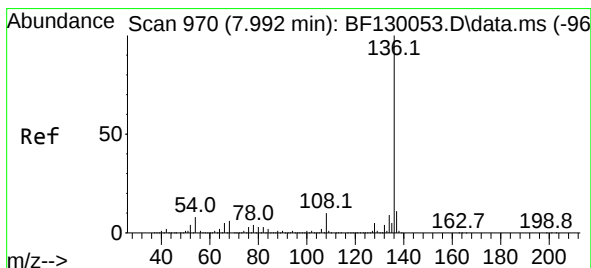
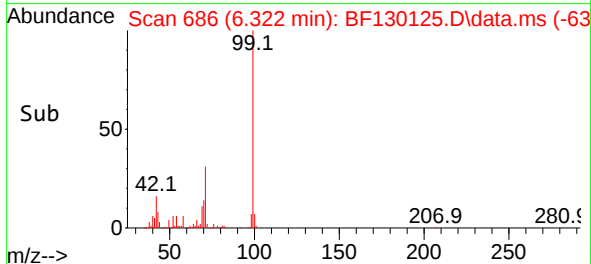
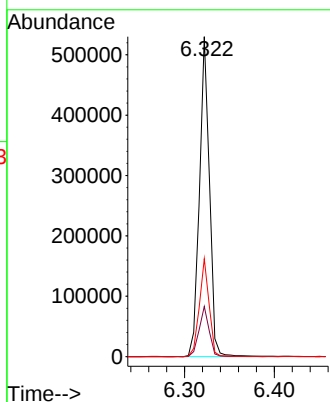
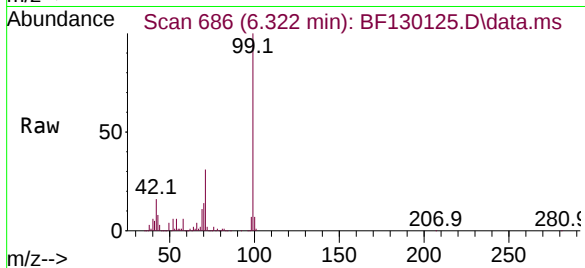




#7
Phenol-d6
Concen: 25.409 ng
RT: 6.322 min Scan# 681
Delta R.T. -0.024 min
Lab File: BF130125.D
Acq: 02 Sep 2022 22:37

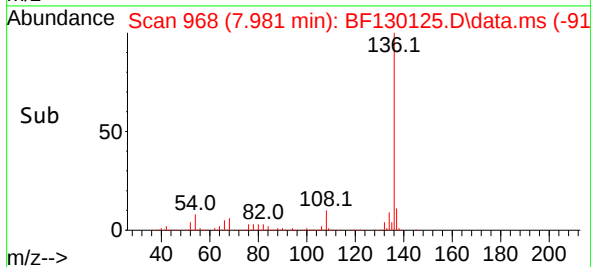
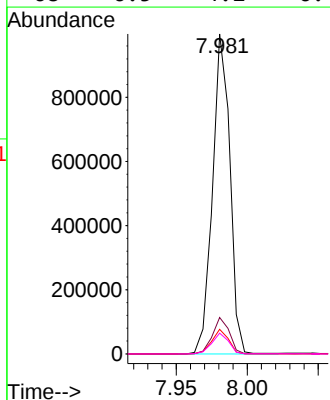
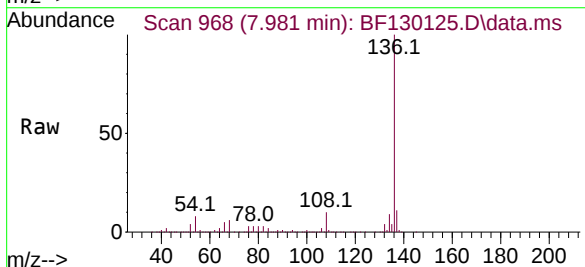
Instrument :
BNA_F
ClientSampleId :
BASMENT-STAND-PIPE

Tgt Ion: 99 Resp: 409063
Ion Ratio Lower Upper
99 100
42 15.7 15.0 22.4
71 30.6 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: BF130125.D
Acq: 02 Sep 2022 22:37

Tgt Ion: 136 Resp: 851648
Ion Ratio Lower Upper
136 100
137 11.4 8.4 12.6
54 7.7 6.2 9.2
68 6.5 4.2 6.4





#23

Nitrobenzene-d5

Concen: 96.378 ng

RT: 7.269 min Scan# 84

Delta R.T. -0.012 min

Lab File: BF130125.D

Acq: 02 Sep 2022 22:37

Instrument :

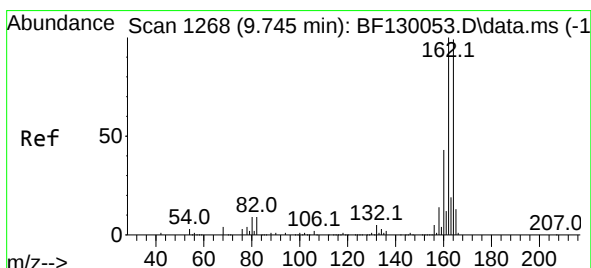
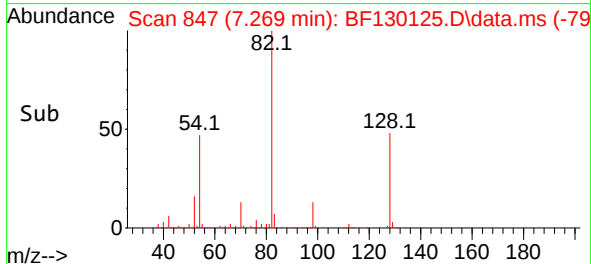
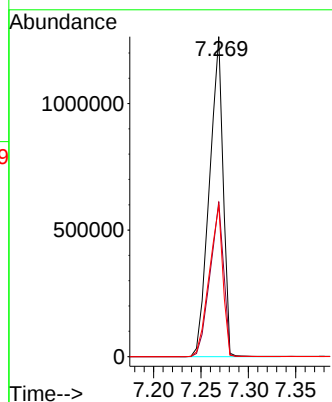
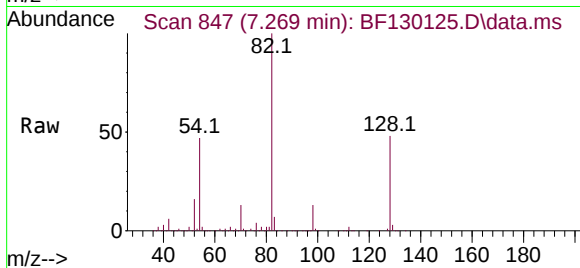
BNA_F

ClientSampleId :

BASMENT-STAND-PIPE

Tgt Ion: 82 Resp: 1277187

Ion	Ratio	Lower	Upper
82	100		
128	48.4	36.1	54.1
54	47.4	40.0	60.0



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.733 min Scan# 1266

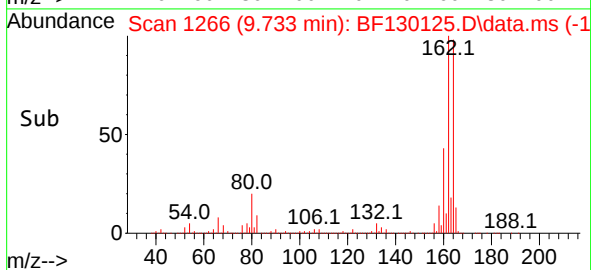
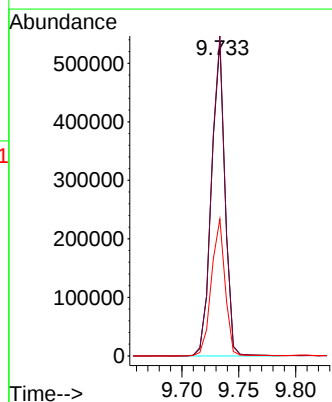
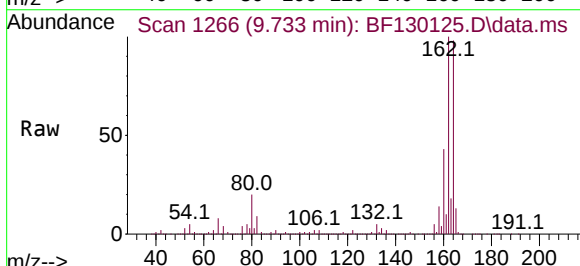
Delta R.T. -0.012 min

Lab File: BF130125.D

Acq: 02 Sep 2022 22:37

Tgt Ion: 164 Resp: 443748

Ion	Ratio	Lower	Upper
164	100		
162	101.8	82.0	123.0
160	43.5	35.4	53.0





#42

2,4,6-Tribromophenol

Concen: 94.399 ng

RT: 10.522 min Scan# 1402

Delta R.T. -0.012 min

Lab File: BF130125.D

Acq: 02 Sep 2022 22:37

Instrument :

BNA_F

ClientSampleId :

BASMENT-STAND-PIPE

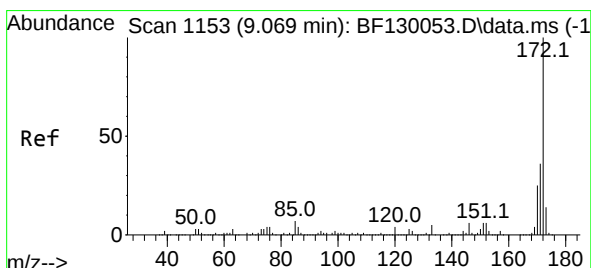
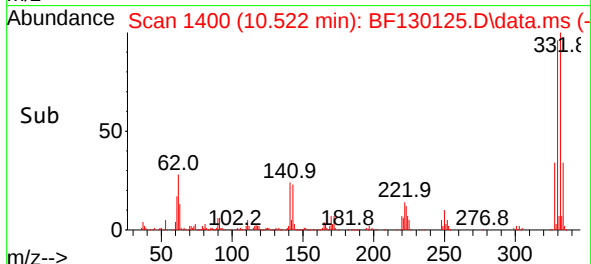
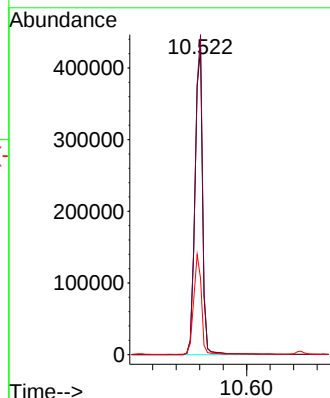
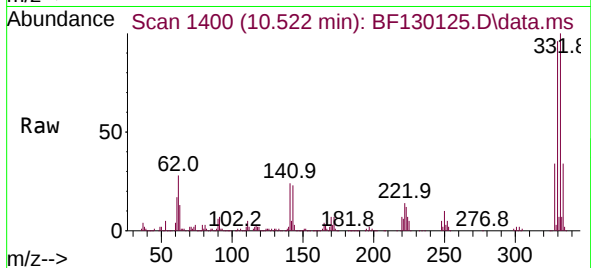
Tgt Ion:330 Resp: 381311

Ion Ratio Lower Upper

330 100

332 102.8 82.6 124.0

141 33.0 27.6 41.4



#45

2-Fluorobiphenyl

Concen: 82.273 ng

RT: 9.063 min Scan# 1152

Delta R.T. -0.006 min

Lab File: BF130125.D

Acq: 02 Sep 2022 22:37

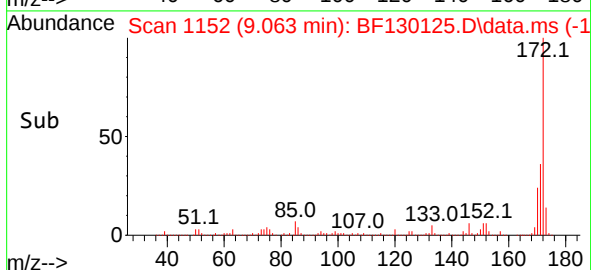
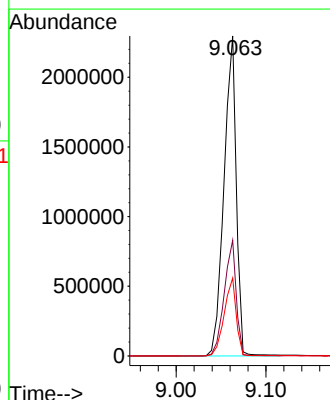
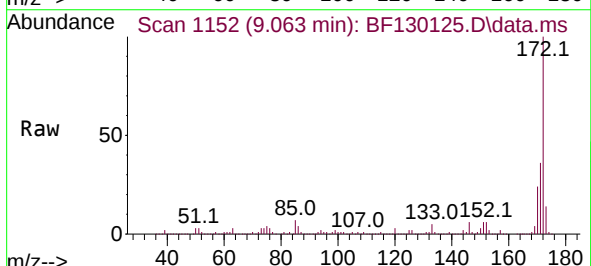
Tgt Ion:172 Resp: 2202029

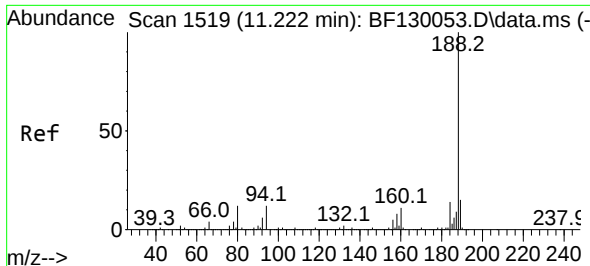
Ion Ratio Lower Upper

172 100

171 36.1 28.4 42.6

170 24.3 19.1 28.7

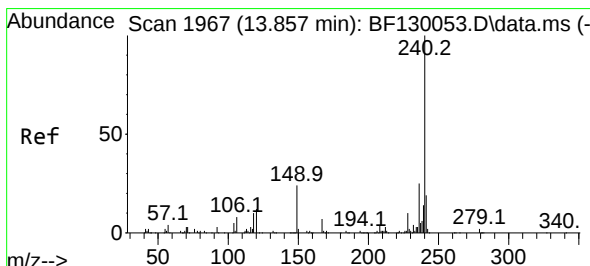
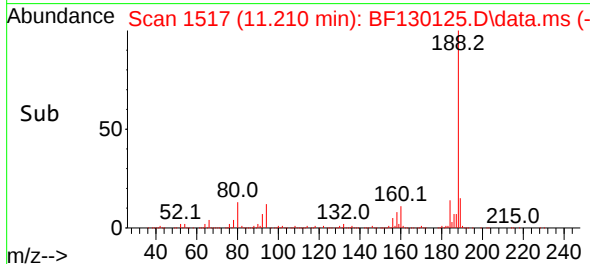
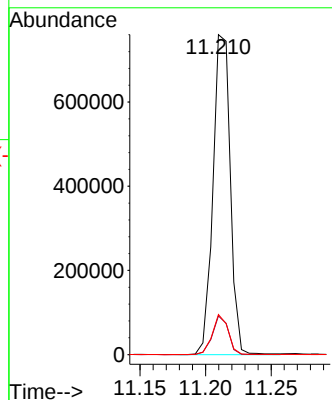
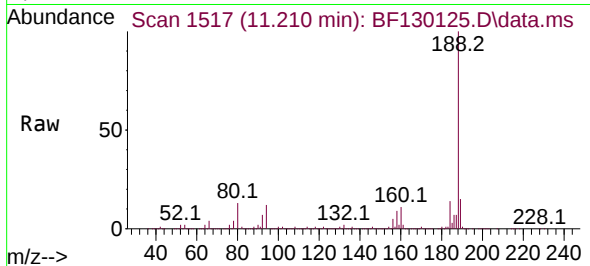




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.210 min Scan# 1519
Delta R.T. -0.012 min
Lab File: BF130125.D
Acq: 02 Sep 2022 22:37

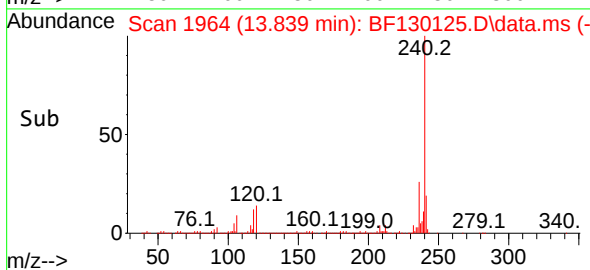
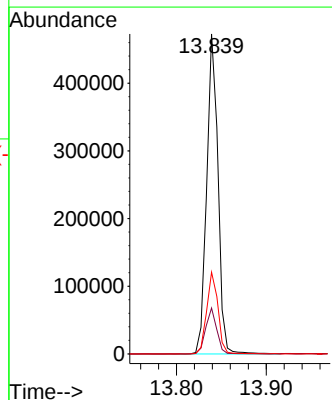
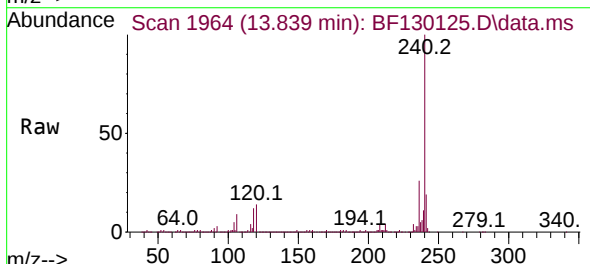
Instrument :
BNA_F
ClientSampleId :
BASMENT-STAND-PIPE

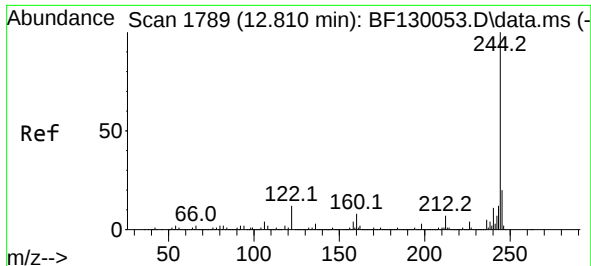
Tgt Ion:188 Resp: 701141
Ion Ratio Lower Upper
188 100
94 12.1 7.4 11.2#
80 12.5 7.9 11.9#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.839 min Scan# 1964
Delta R.T. -0.018 min
Lab File: BF130125.D
Acq: 02 Sep 2022 22:37

Tgt Ion:240 Resp: 411887
Ion Ratio Lower Upper
240 100
120 14.3 9.2 13.8#
236 25.5 20.7 31.1

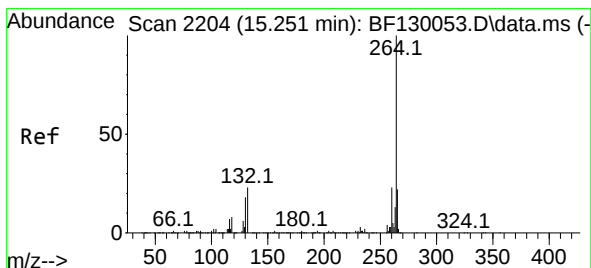
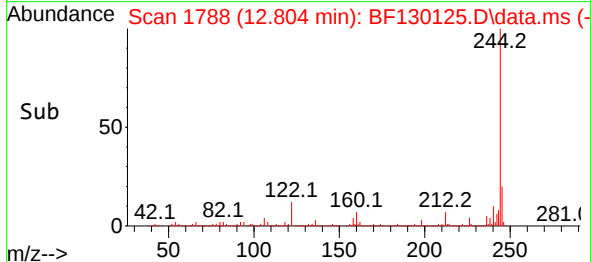
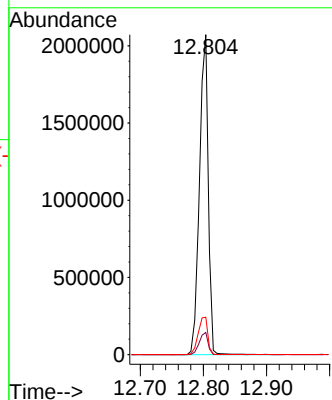
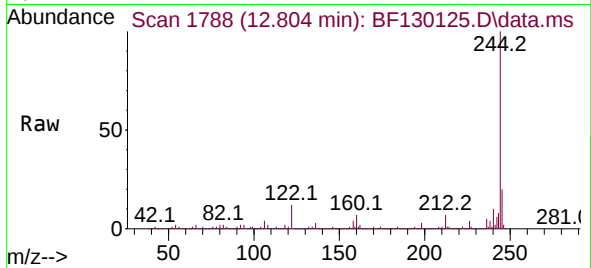




#79
 Terphenyl-d14
 Concen: 84.712 ng
 RT: 12.804 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF130125.D
 Acq: 02 Sep 2022 22:37

Instrument :
 BNA_F
 ClientSampleId :
 BASMENT-STAND-PIPE

Tgt Ion:244 Resp: 2012060
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.9 8.9
 122 11.7 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: BF130125.D
 Acq: 02 Sep 2022 22:37

Tgt Ion:264 Resp: 388143
 Ion Ratio Lower Upper
 264 100
 260 23.4 19.1 28.7
 265 21.9 16.7 25.1

