

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF090222\
 Data File : BF130113.D
 Acq On : 02 Sep 2022 16:13
 Operator : CG\JU
 Sample : N4446-08
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DUP-Y

Quant Time: Sep 03 05:45:48 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	214304	20.000	ng	0.00
21) Naphthalene-d8	7.980	136	840351	20.000	ng	#-0.01
39) Acenaphthene-d10	9.733	164	443579	20.000	ng	-0.01
64) Phenanthrene-d10	11.210	188	727590	20.000	ng	#-0.01
76) Chrysene-d12	13.839	240	455119	20.000	ng	#-0.02
86) Perylene-d12	15.245	264	368615	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.298	112	763651	60.494	ng	-0.01
7) Phenol-d6	6.322	99	584850	37.162	ng	-0.02
23) Nitrobenzene-d5	7.269	82	1248027	95.443	ng	-0.01
42) 2,4,6-Tribromophenol	10.521	330	592819	146.817	ng	-0.01
45) 2-Fluorobiphenyl	9.063	172	2246012	83.949	ng	0.00
79) Terphenyl-d14	12.804	244	2280454	86.891	ng	0.00

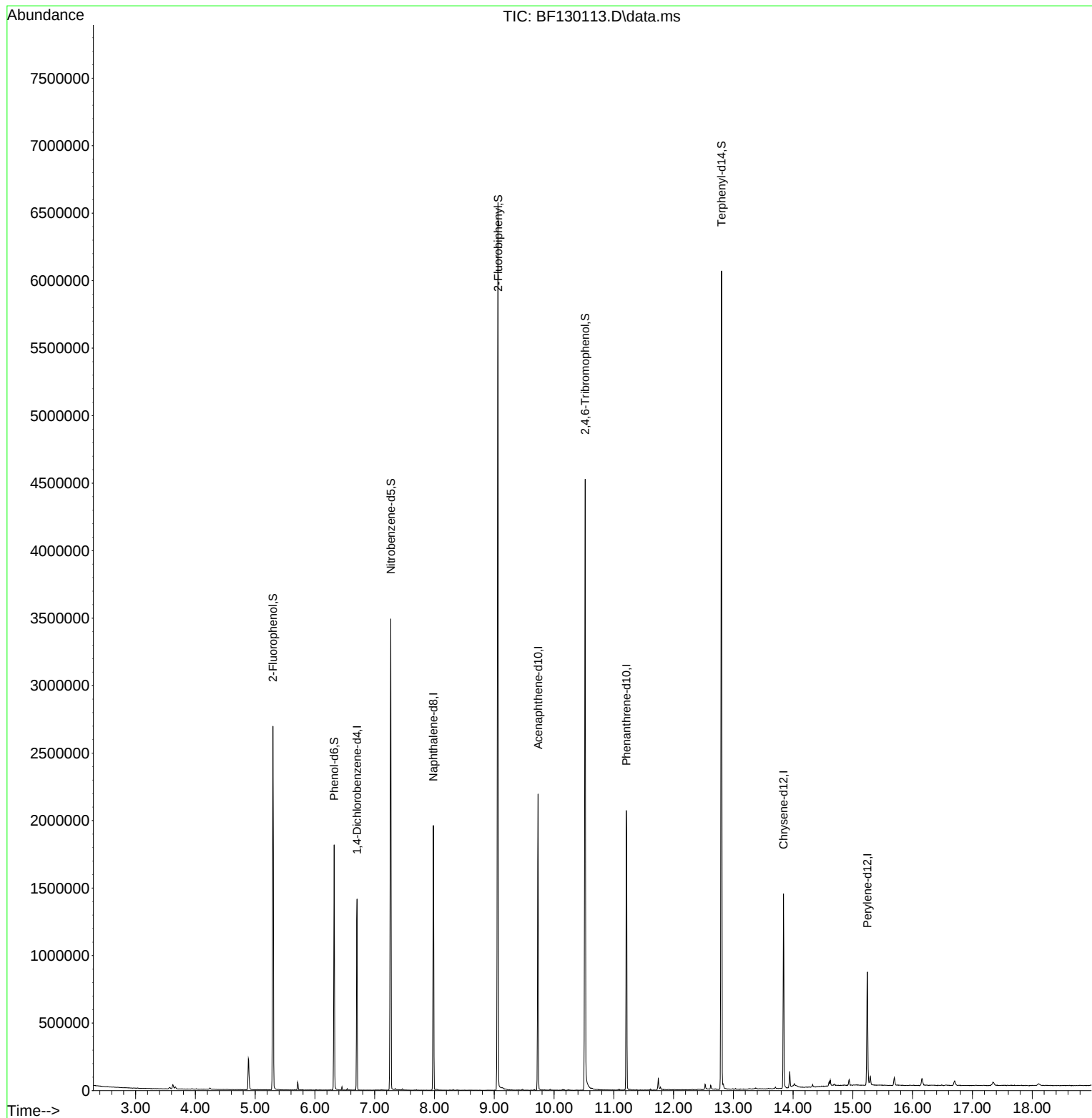
Target Compounds Qvalue

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

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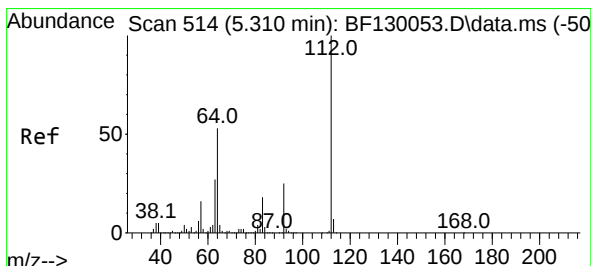
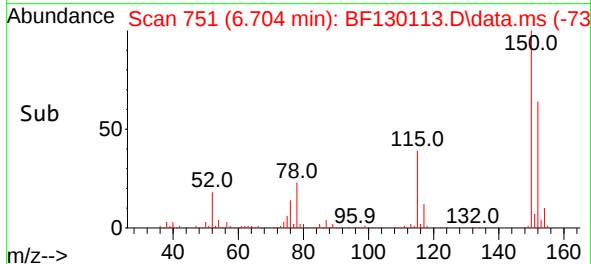
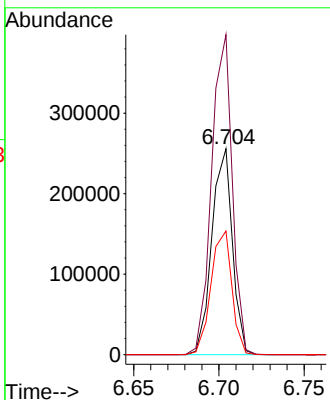
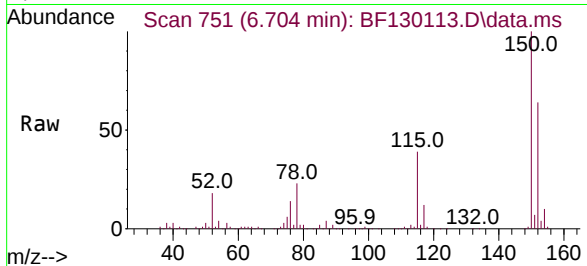




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.704 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF130113.D
Acq: 02 Sep 2022 16:13

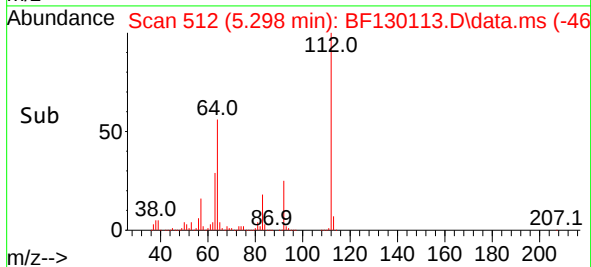
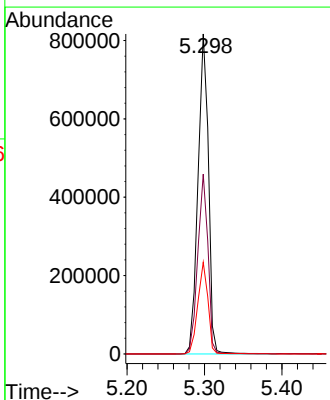
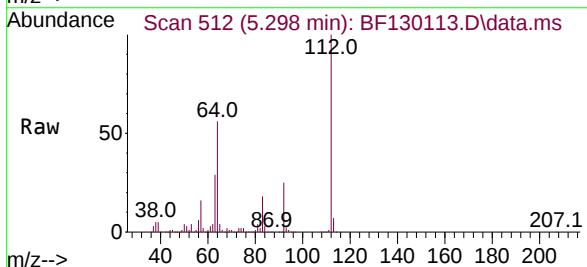
Instrument :
BNA_F
ClientSampleId :
DUP-Y

Tgt Ion:152 Resp: 214304
Ion Ratio Lower Upper
152 100
150 155.4 126.9 190.3
115 60.1 53.4 80.0



#5
2-Fluorophenol
Concen: 60.494 ng
RT: 5.298 min Scan# 512
Delta R.T. -0.012 min
Lab File: BF130113.D
Acq: 02 Sep 2022 16:13

Tgt Ion:112 Resp: 763651
Ion Ratio Lower Upper
112 100
64 56.2 47.6 71.4
63 28.6 24.6 37.0

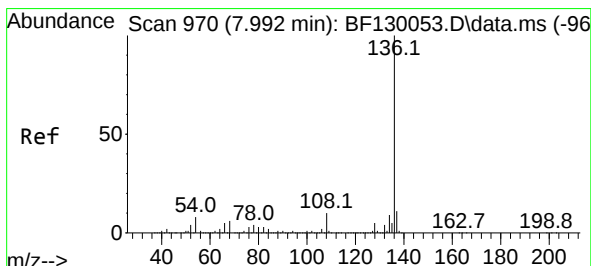
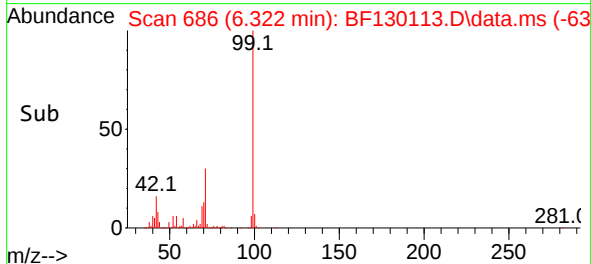
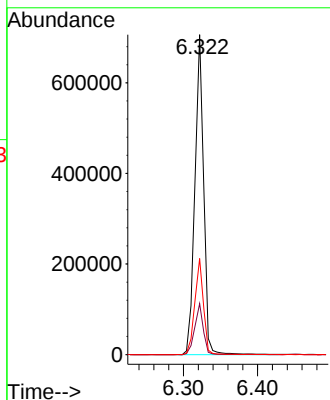
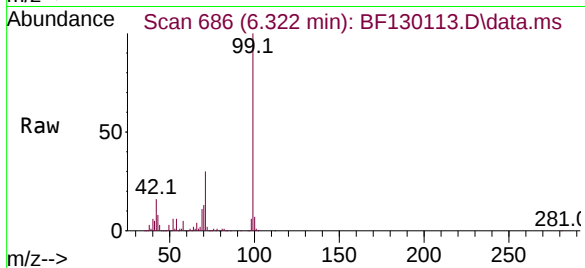




#7
Phenol-d6
Concen: 37.162 ng
RT: 6.322 min Scan# 68
Delta R.T. -0.024 min
Lab File: BF130113.D
Acq: 02 Sep 2022 16:13

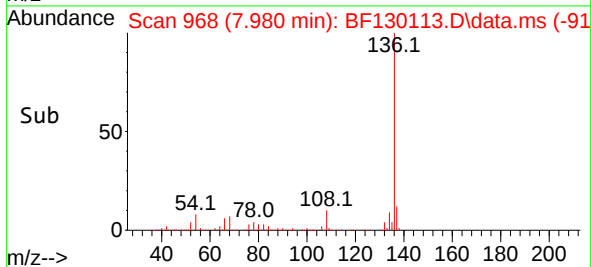
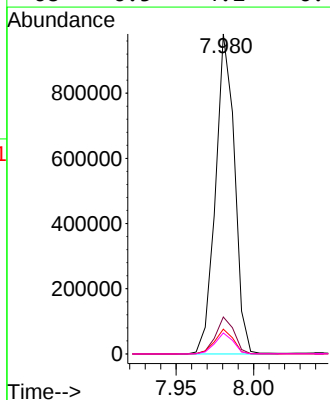
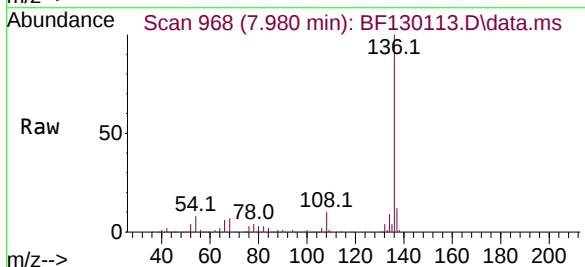
Instrument :
BNA_F
ClientSampleId :
DUP-Y

Tgt Ion: 99 Resp: 584850
Ion Ratio Lower Upper
99 100
42 15.9 15.0 22.4
71 30.0 28.8 43.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.980 min Scan# 968
Delta R.T. -0.012 min
Lab File: BF130113.D
Acq: 02 Sep 2022 16:13

Tgt Ion: 136 Resp: 840351
Ion Ratio Lower Upper
136 100
137 11.5 8.4 12.6
54 7.7 6.2 9.2
68 6.5 4.2 6.4





#23

Nitrobenzene-d5

Concen: 95.443 ng

RT: 7.269 min Scan# 84

Delta R.T. -0.012 min

Lab File: BF130113.D

Acq: 02 Sep 2022 16:13

Instrument :

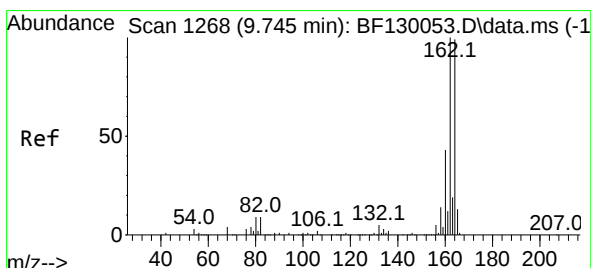
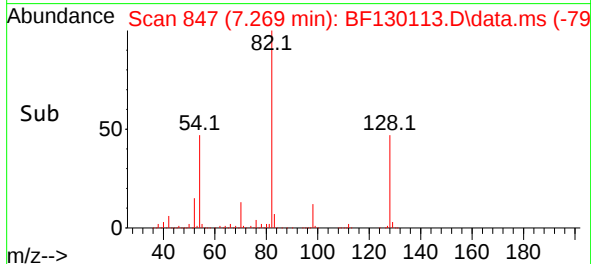
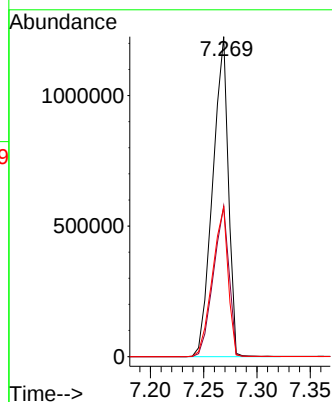
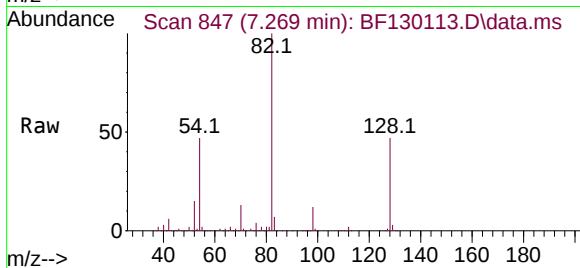
BNA_F

ClientSampleId :

DUP-Y

Tgt Ion: 82 Resp: 1248027

Ion	Ratio	Lower	Upper
82	100		
128	47.0	36.1	54.1
54	46.7	40.0	60.0



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.733 min Scan# 1266

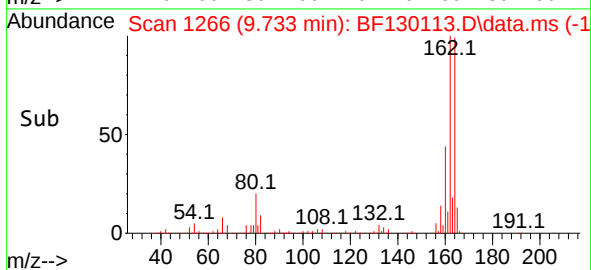
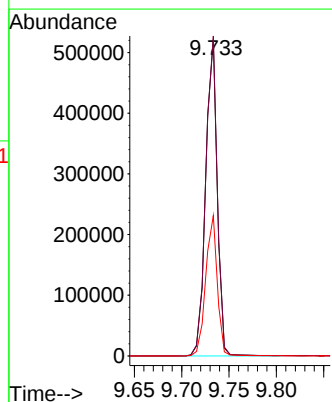
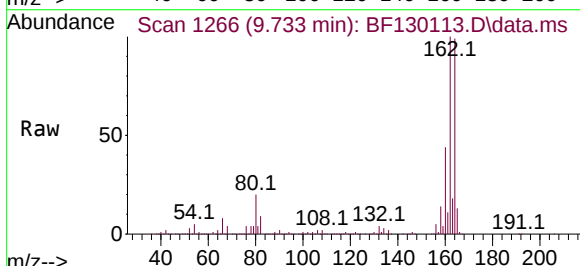
Delta R.T. -0.012 min

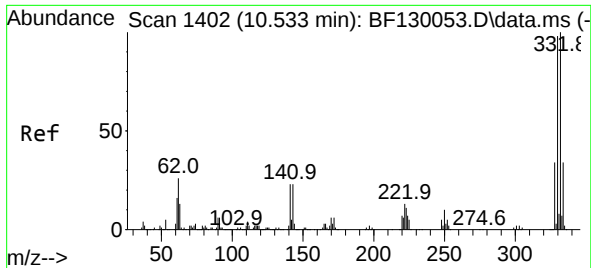
Lab File: BF130113.D

Acq: 02 Sep 2022 16:13

Tgt Ion: 164 Resp: 443579

Ion	Ratio	Lower	Upper
164	100		
162	101.2	82.0	123.0
160	44.3	35.4	53.0

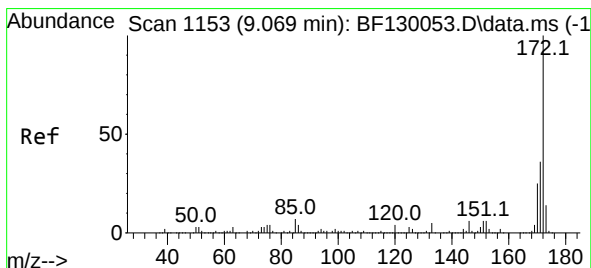
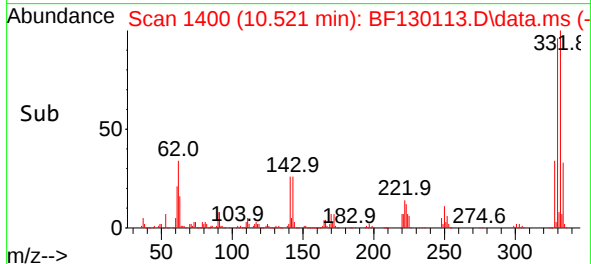
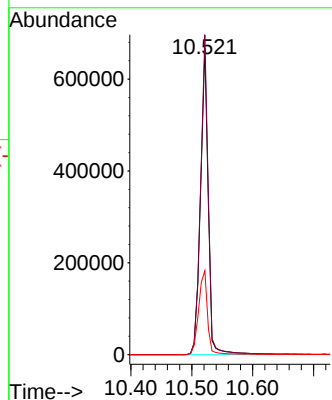
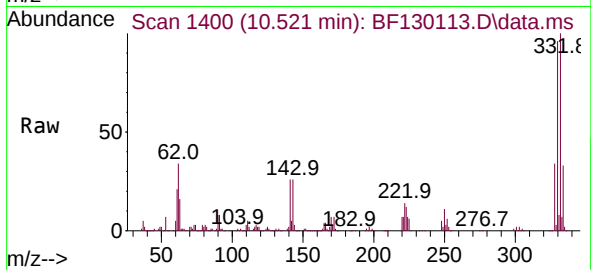




#42
2,4,6-Tribromophenol
Concen: 146.817 ng
RT: 10.521 min Scan# 1400
Delta R.T. -0.012 min
Lab File: BF130113.D
Acq: 02 Sep 2022 16:13

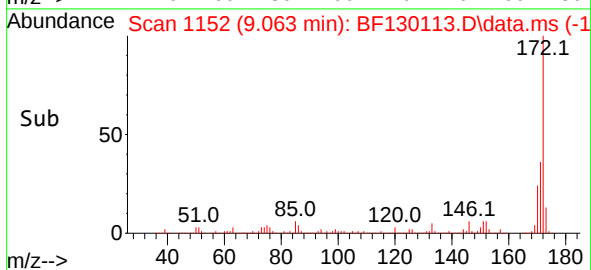
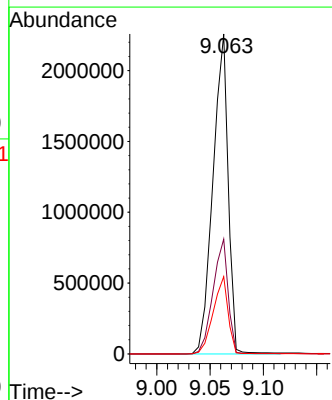
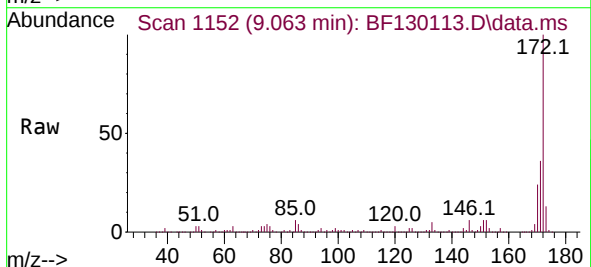
Instrument :
BNA_F
ClientSampleId :
DUP-Y

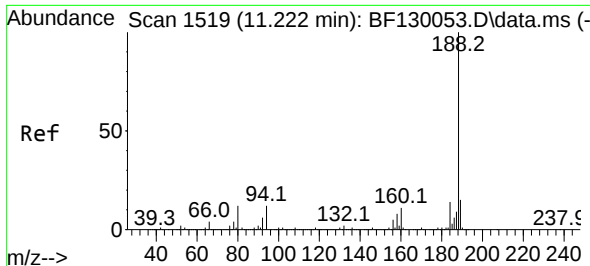
Tgt Ion:330 Resp: 592819
Ion Ratio Lower Upper
330 100
332 104.5 82.6 124.0
141 31.6 27.6 41.4



#45
2-Fluorobiphenyl
Concen: 83.949 ng
RT: 9.063 min Scan# 1152
Delta R.T. -0.006 min
Lab File: BF130113.D
Acq: 02 Sep 2022 16:13

Tgt Ion:172 Resp: 2246012
Ion Ratio Lower Upper
172 100
171 35.9 28.4 42.6
170 24.1 19.1 28.7

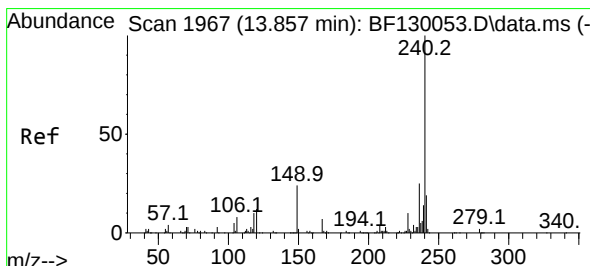
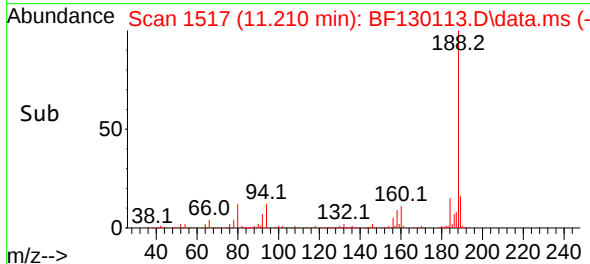
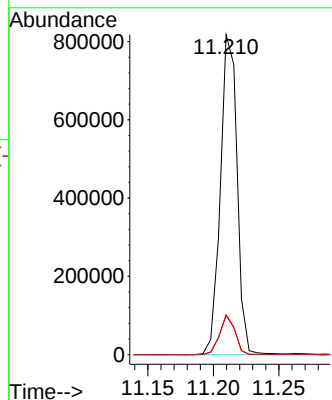
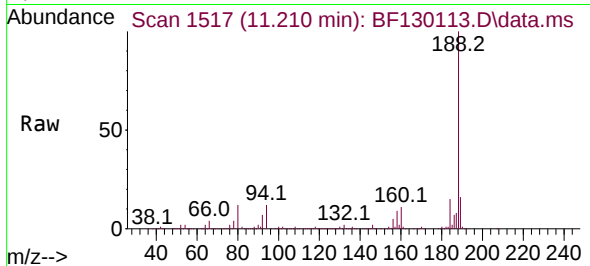




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.210 min Scan# 1519
Delta R.T. -0.012 min
Lab File: BF130113.D
Acq: 02 Sep 2022 16:13

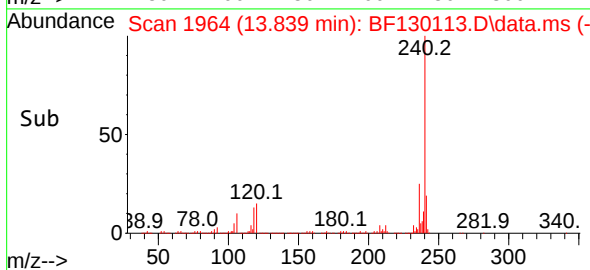
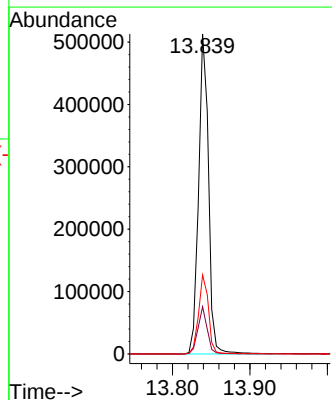
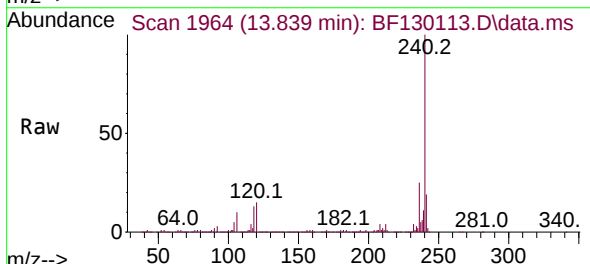
Instrument :
BNA_F
ClientSampleId :
DUP-Y

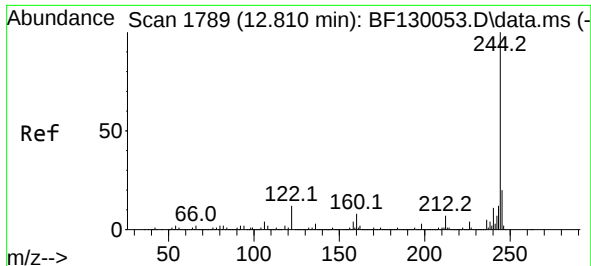
Tgt Ion:188 Resp: 727590
Ion Ratio Lower Upper
188 100
94 12.2 7.4 11.2#
80 12.5 7.9 11.9#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.839 min Scan# 1964
Delta R.T. -0.018 min
Lab File: BF130113.D
Acq: 02 Sep 2022 16:13

Tgt Ion:240 Resp: 455119
Ion Ratio Lower Upper
240 100
120 14.7 9.2 13.8#
236 24.7 20.7 31.1

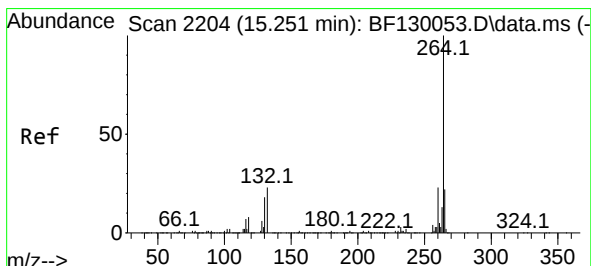
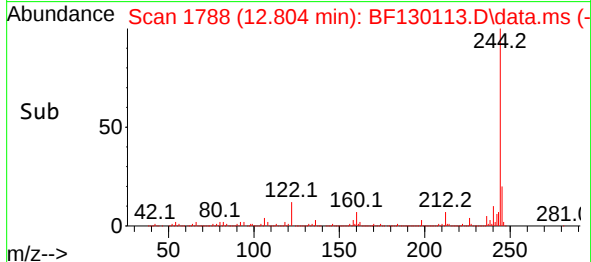
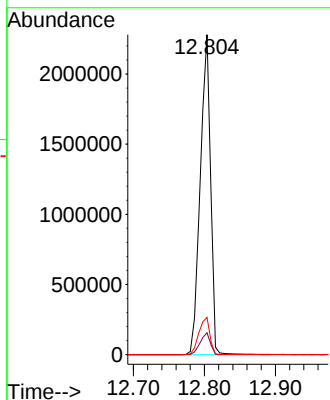
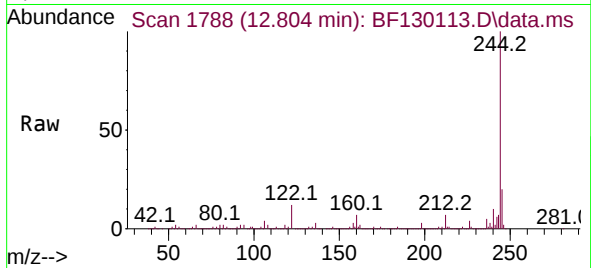




#79
 Terphenyl-d14
 Concen: 86.891 ng
 RT: 12.804 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF130113.D
 Acq: 02 Sep 2022 16:13

Instrument :
 BNA_F
 ClientSampleId :
 DUP-Y

Tgt Ion:244 Resp: 2280454
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.9 8.9
 122 11.6 9.9 14.9



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.245 min Scan# 2203
 Delta R.T. -0.006 min
 Lab File: BF130113.D
 Acq: 02 Sep 2022 16:13

Tgt Ion:264 Resp: 368615
 Ion Ratio Lower Upper
 264 100
 260 25.0 19.1 28.7
 265 21.2 16.7 25.1

