

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092722\
 Data File : BF130425.D
 Acq On : 27 Sep 2022 15:05
 Operator : CG\JU
 Sample : N4809-08
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP3-0923

Quant Time: Sep 27 18:53:34 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 27 01:00:47 2022
 Response via : Initial Calibration

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

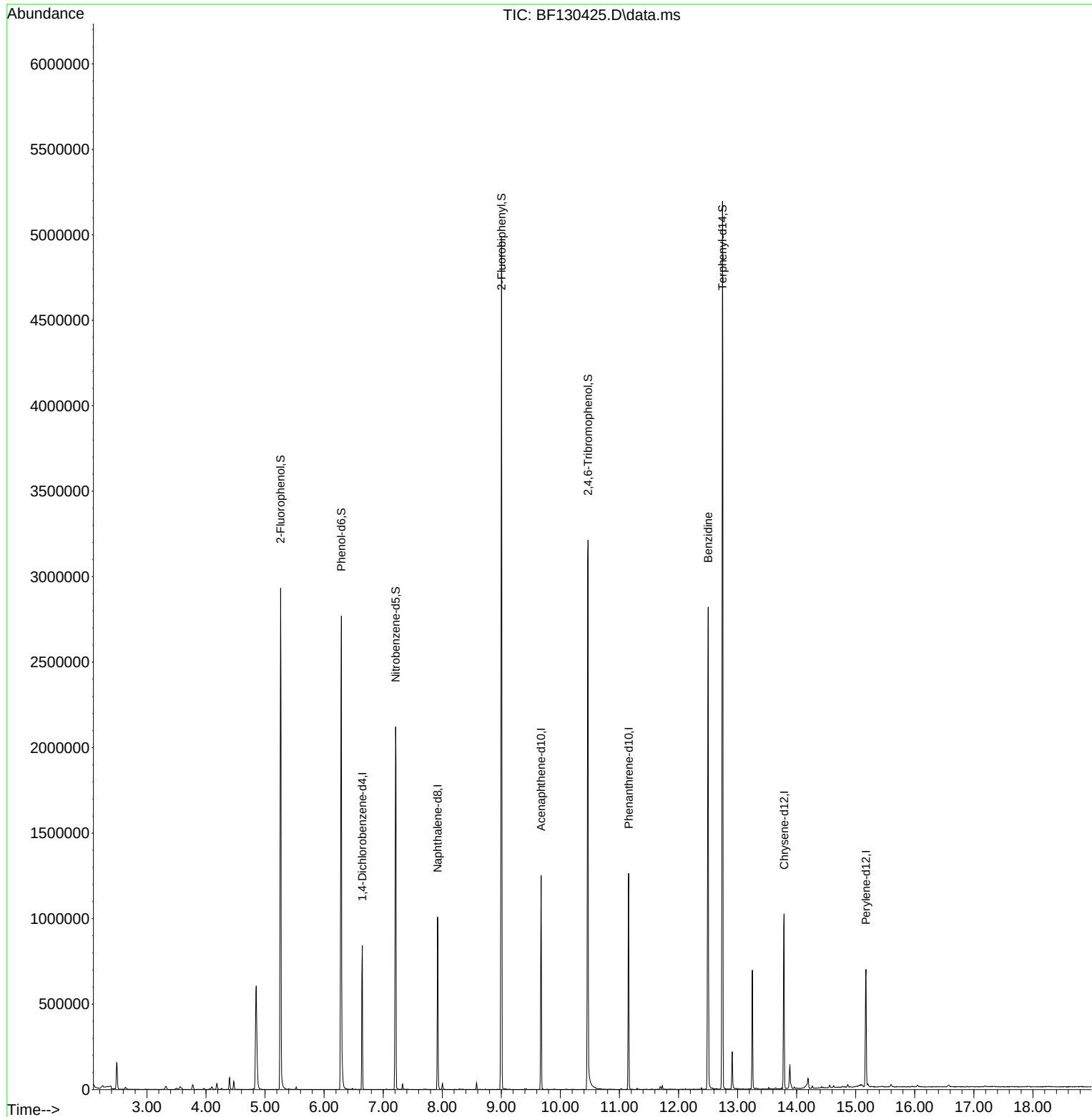
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.645	152	113259	20.000	ng	0.00
21) Naphthalene-d8	7.922	136	450175	20.000	ng	-0.02
39) Acenaphthene-d10	9.675	164	251714	20.000	ng	-0.01
64) Phenanthrene-d10	11.157	188	458505	20.000	ng	-0.01
76) Chrysene-d12	13.786	240	348635	20.000	ng	-0.02
86) Perylene-d12	15.174	264	296221	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.263	112	924780	141.622	ng	0.02
7) Phenol-d6	6.292	99	1054104	129.014	ng	0.00
23) Nitrobenzene-d5	7.210	82	795100	90.233	ng	-0.01
42) 2,4,6-Tribromophenol	10.469	330	465581	193.035	ng	-0.01
45) 2-Fluorobiphenyl	9.004	172	1579916	91.400	ng	-0.01
79) Terphenyl-d14	12.745	244	1927150	91.566	ng	-0.01
Target Compounds						
77) Benzidine	12.504	184	1105298	109.213	ng	Qvalue 99

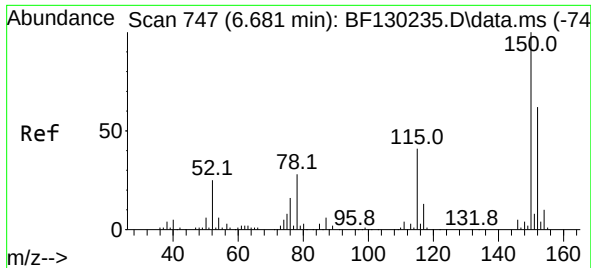
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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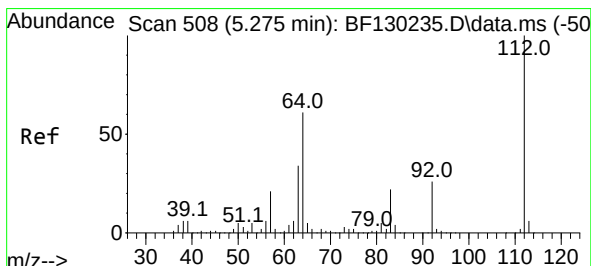
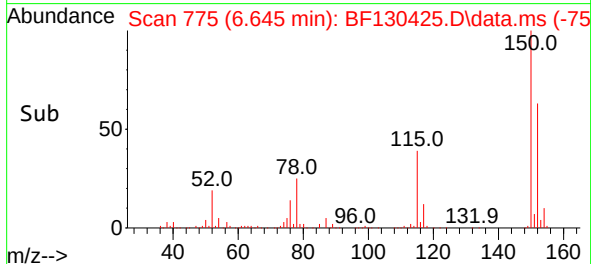
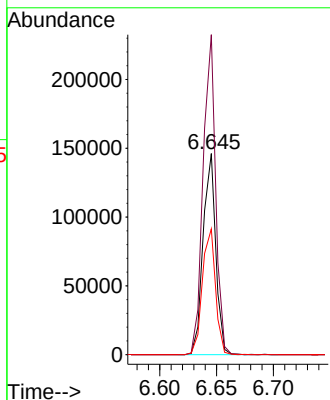
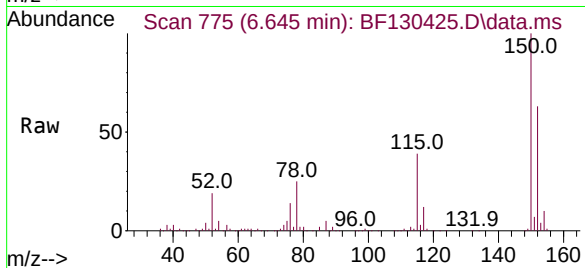




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.645 min Scan# 71
 Delta R.T. -0.006 min
 Lab File: BF130425.D
 Acq: 27 Sep 2022 15:05

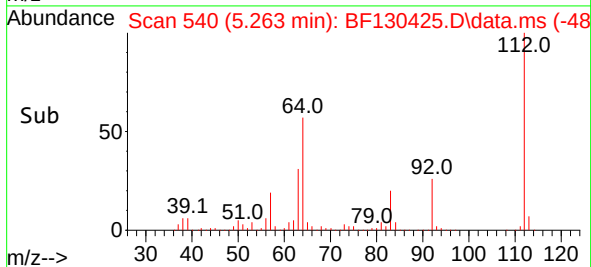
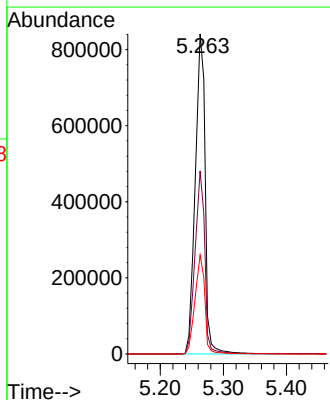
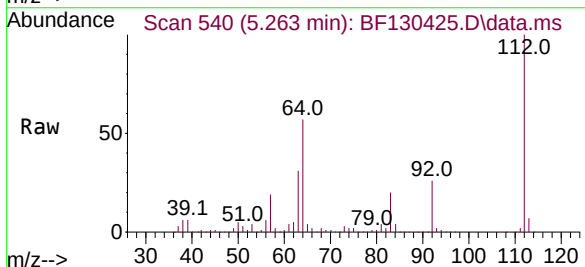
Instrument :
 BNA_F
 ClientSampleId :
 TP3-0923

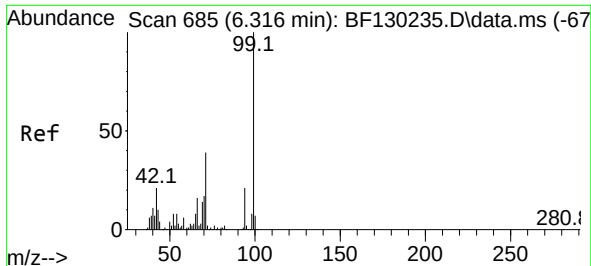
Tgt Ion:152 Resp: 113259
 Ion Ratio Lower Upper
 152 100
 150 159.2 122.8 184.2
 115 62.5 53.8 80.8



#5
 2-Fluorophenol
 Concen: 141.622 ng
 RT: 5.263 min Scan# 540
 Delta R.T. 0.017 min
 Lab File: BF130425.D
 Acq: 27 Sep 2022 15:05

Tgt Ion:112 Resp: 924780
 Ion Ratio Lower Upper
 112 100
 64 57.2 51.4 77.0
 63 30.9 28.8 43.2

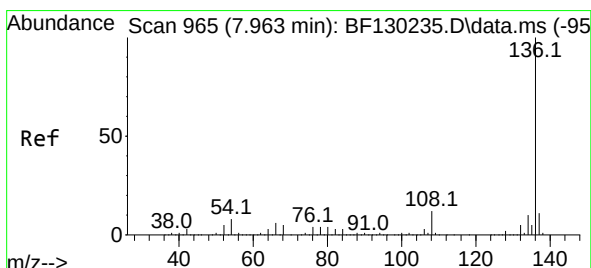
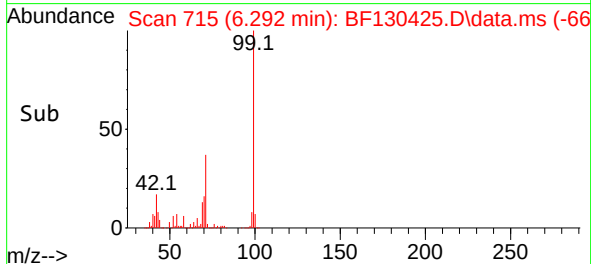
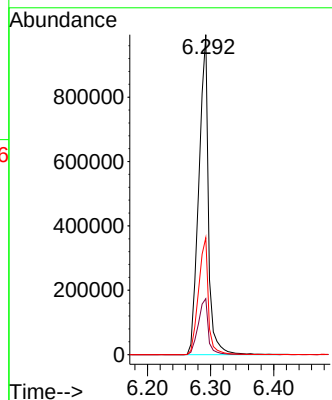
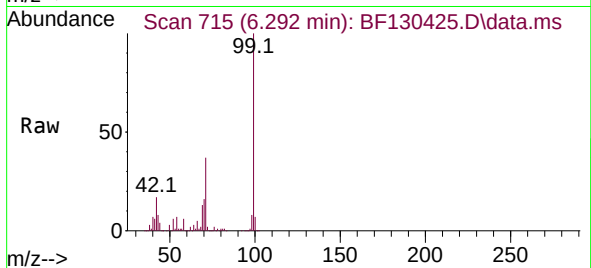




#7
Phenol-d6
Concen: 129.014 ng
RT: 6.292 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF130425.D
Acq: 27 Sep 2022 15:05

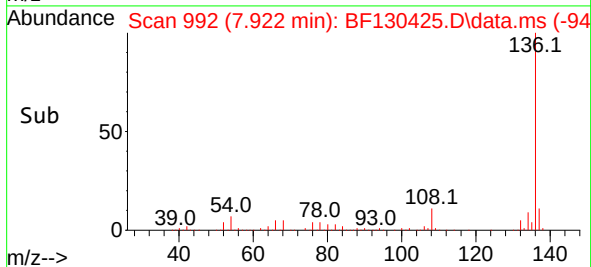
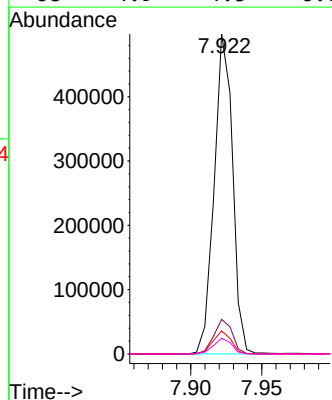
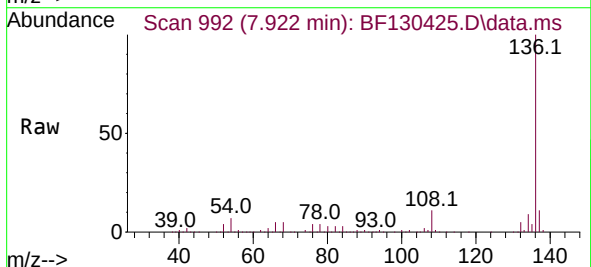
Instrument :
BNA_F
ClientSampleId :
TP3-0923

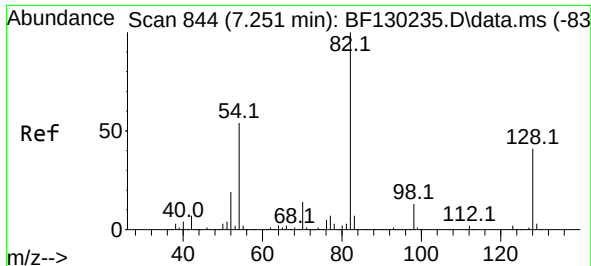
Tgt Ion: 99 Resp: 1054104
Ion Ratio Lower Upper
99 100
42 17.5 17.0 25.6
71 36.5 32.3 48.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.922 min Scan# 992
Delta R.T. -0.018 min
Lab File: BF130425.D
Acq: 27 Sep 2022 15:05

Tgt Ion: 136 Resp: 450175
Ion Ratio Lower Upper
136 100
137 10.8 9.1 13.7
54 7.2 7.1 10.7
68 4.9 4.5 6.7

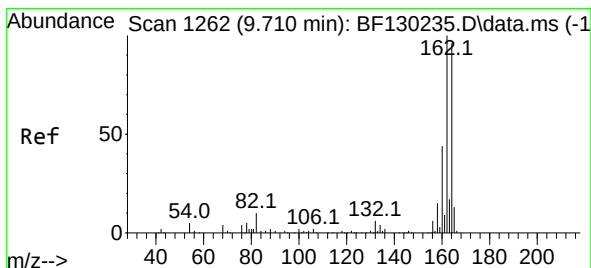
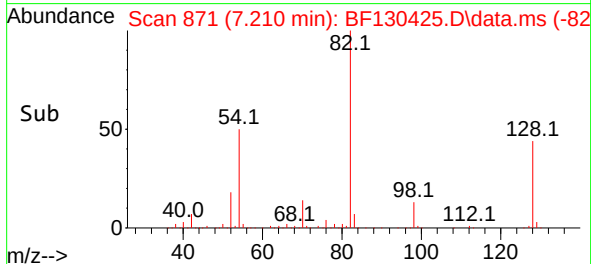
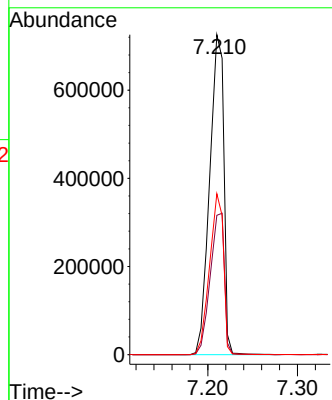
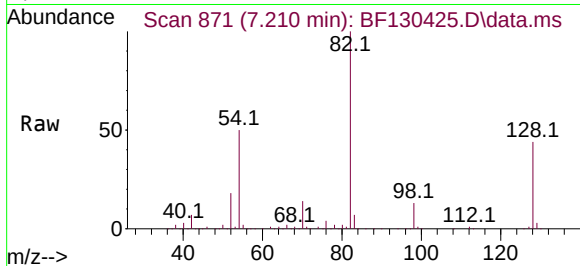




#23
Nitrobenzene-d5
Concen: 90.233 ng
RT: 7.210 min Scan# 81
Delta R.T. -0.012 min
Lab File: BF130425.D
Acq: 27 Sep 2022 15:05

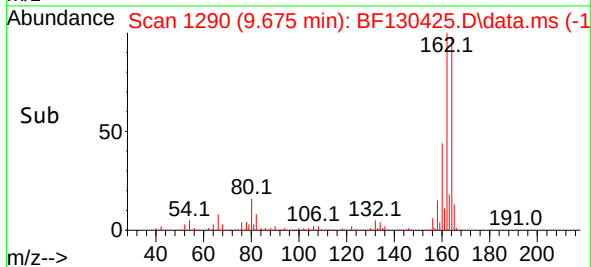
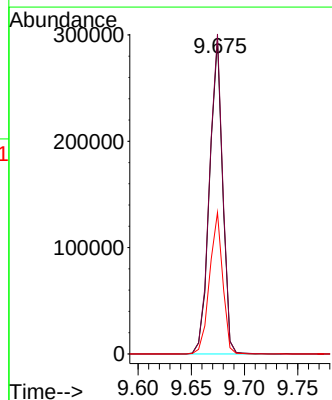
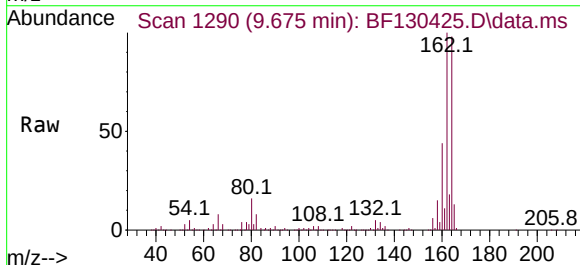
Instrument :
BNA_F
ClientSampleId :
TP3-0923

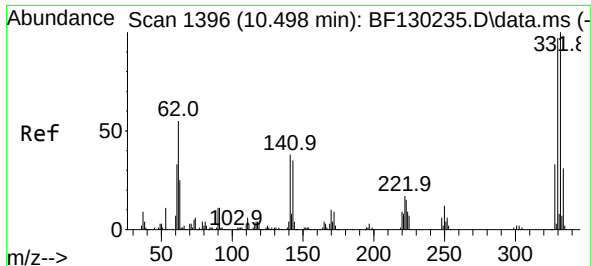
Tgt Ion: 82 Resp: 795100
Ion Ratio Lower Upper
82 100
128 43.5 32.6 49.0
54 50.3 43.8 65.6



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.675 min Scan# 1290
Delta R.T. -0.012 min
Lab File: BF130425.D
Acq: 27 Sep 2022 15:05

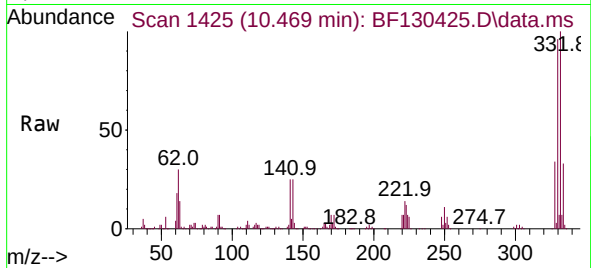
Tgt Ion:164 Resp: 251714
Ion Ratio Lower Upper
164 100
162 101.7 81.4 122.0
160 44.9 36.2 54.4



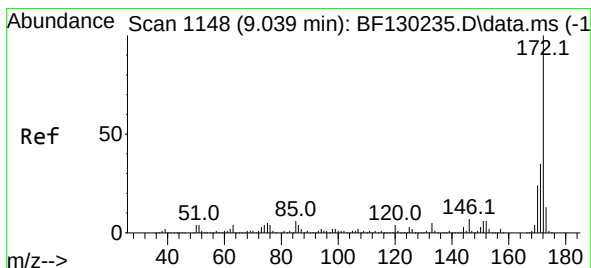
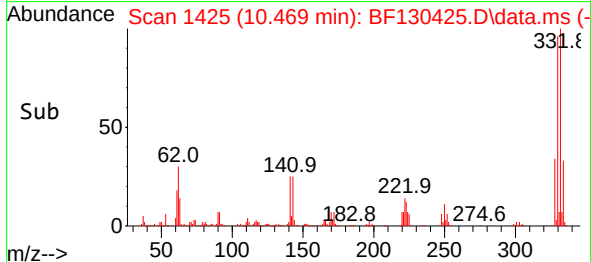
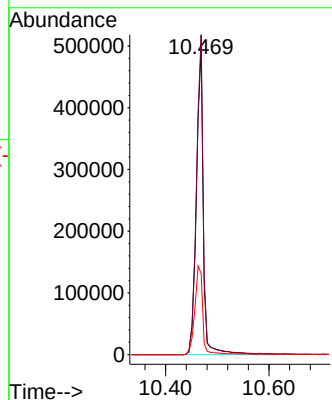


#42
2,4,6-Tribromophenol
Concen: 193.035 ng
RT: 10.469 min Scan# 1425
Delta R.T. -0.012 min
Lab File: BF130425.D
Acq: 27 Sep 2022 15:05

Instrument :
BNA_F
ClientSampleId :
TP3-0923

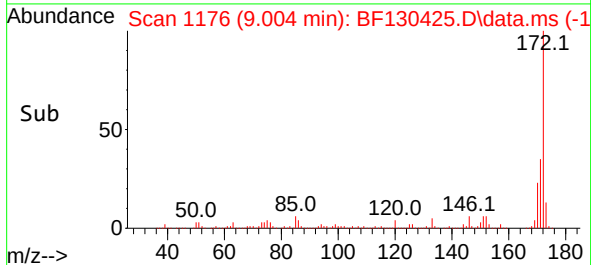
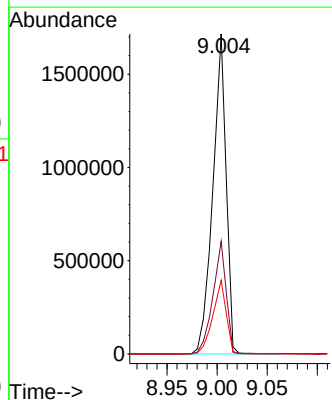
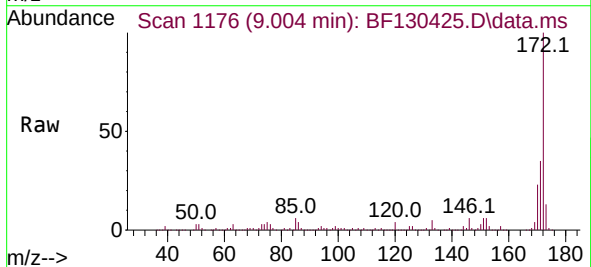


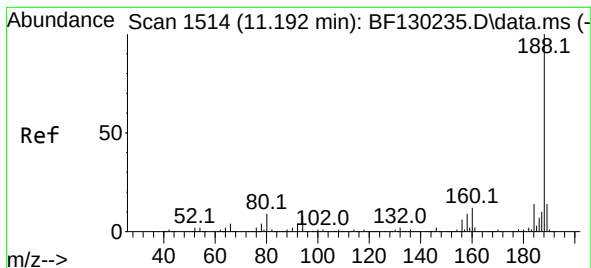
Tgt Ion:330 Resp: 465581
Ion Ratio Lower Upper
330 100
332 103.4 83.4 125.2
141 32.4 34.0 51.0#



#45
2-Fluorobiphenyl
Concen: 91.400 ng
RT: 9.004 min Scan# 1176
Delta R.T. -0.012 min
Lab File: BF130425.D
Acq: 27 Sep 2022 15:05

Tgt Ion:172 Resp: 1579916
Ion Ratio Lower Upper
172 100
171 35.2 28.3 42.5
170 23.0 18.7 28.1





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.157 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF130425.D

Acq: 27 Sep 2022 15:05

Instrument :

BNA_F

ClientSampleId :

TP3-0923

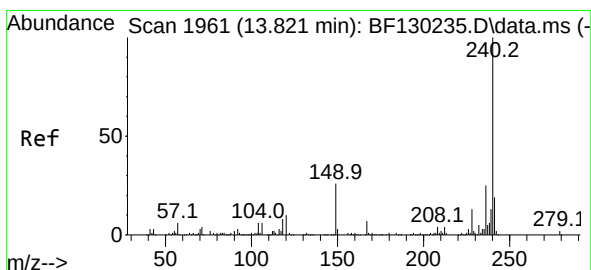
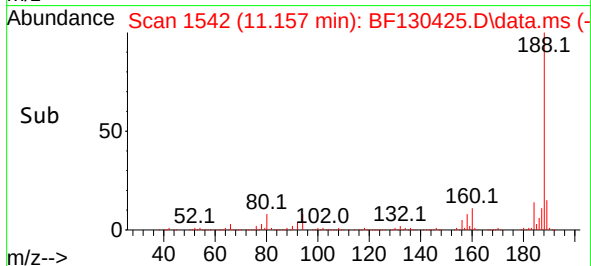
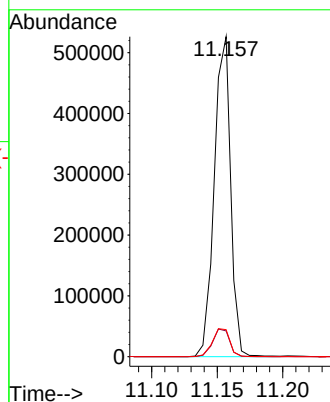
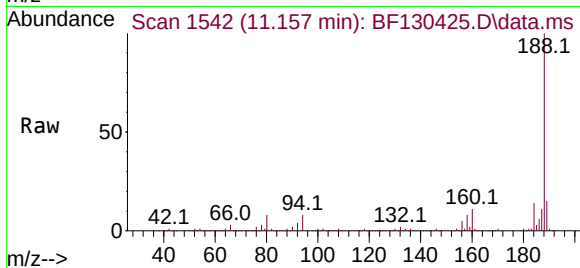
Tgt Ion:188 Resp: 458505

Ion Ratio Lower Upper

188 100

94 8.0 7.4 11.2

80 8.4 7.9 11.9



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.786 min Scan# 1989

Delta R.T. -0.018 min

Lab File: BF130425.D

Acq: 27 Sep 2022 15:05

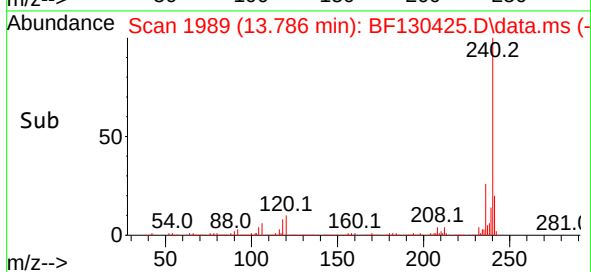
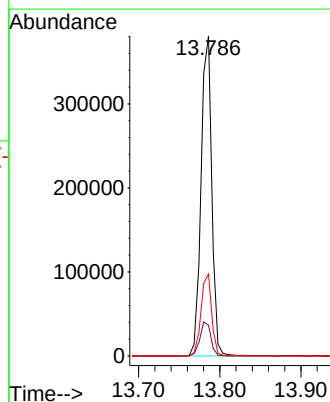
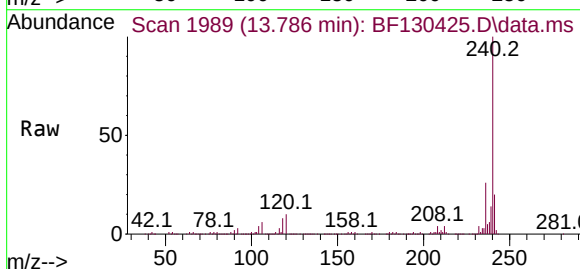
Tgt Ion:240 Resp: 348635

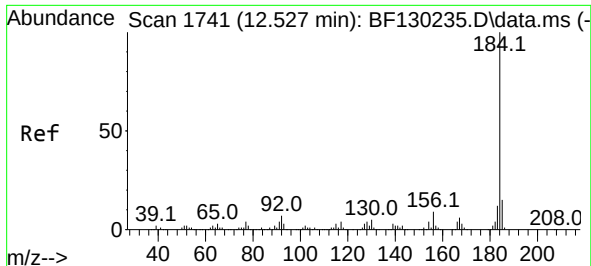
Ion Ratio Lower Upper

240 100

120 9.6 8.7 13.1

236 25.6 20.9 31.3

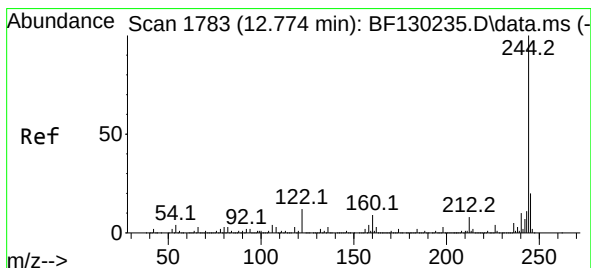
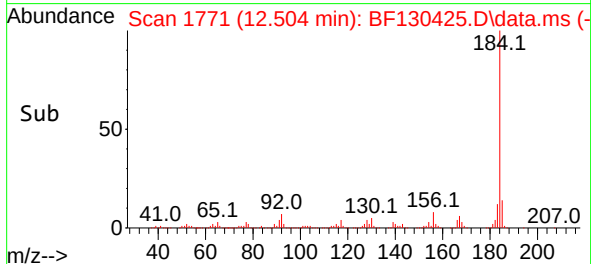
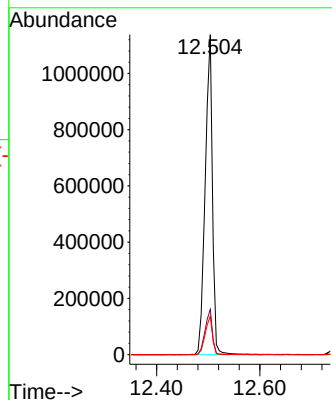
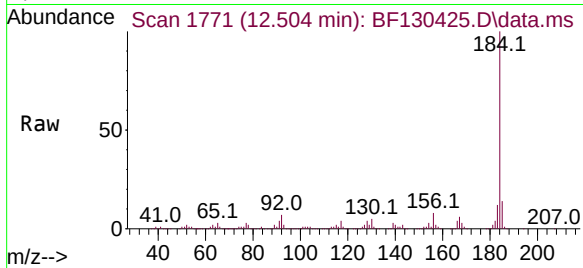




#77
Benzidine
Concen: 109.213 ng
RT: 12.504 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF130425.D
Acq: 27 Sep 2022 15:05

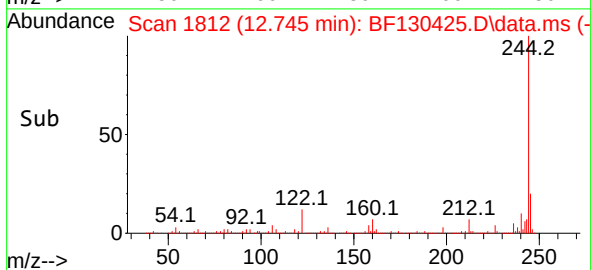
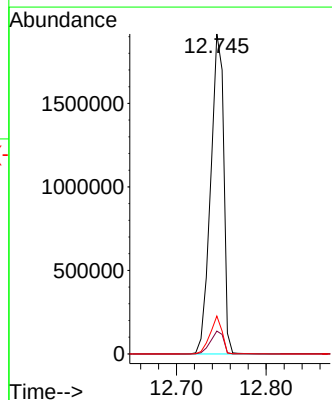
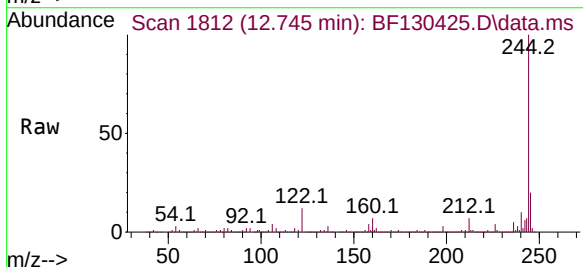
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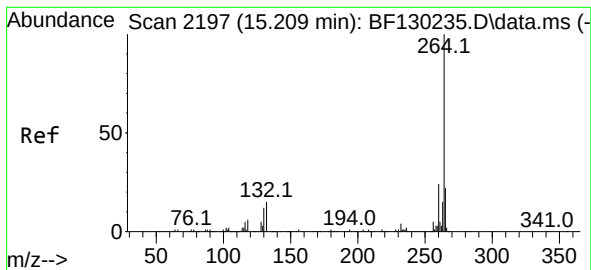
Tgt Ion:184 Resp: 1105298
Ion Ratio Lower Upper
184 100
185 14.1 11.8 17.6
183 12.0 9.1 13.7



#79
Terphenyl-d14
Concen: 91.566 ng
RT: 12.745 min Scan# 1812
Delta R.T. -0.012 min
Lab File: BF130425.D
Acq: 27 Sep 2022 15:05

Tgt Ion:244 Resp: 1927150
Ion Ratio Lower Upper
244 100
212 7.2 5.9 8.9
122 11.8 8.5 12.7





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.174 min Scan# 21

Delta R.T. -0.018 min

Lab File: BF130425.D

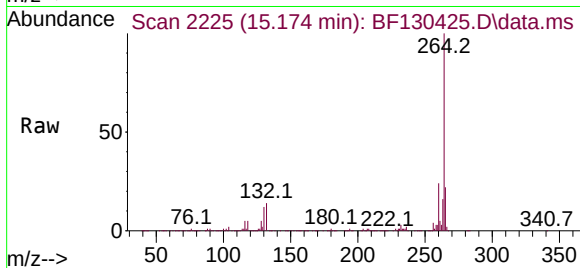
Acq: 27 Sep 2022 15:05

Instrument :

BNA_F

ClientSampleId :

TP3-0923



Tgt Ion:264 Resp: 296221

Ion Ratio Lower Upper

264 100

260 24.2 19.3 28.9

265 21.7 17.0 25.4

