

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF093022\
 Data File : BF130481.D
 Acq On : 30 Sep 2022 12:50
 Operator : CG\JU
 Sample : PB147985BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB147985BL

Quant Time: Oct 01 01:34:41 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 28 02:59:31 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.634	152	153510	20.000	ng	-0.01
21) Naphthalene-d8	7.916	136	619343	20.000	ng	-0.01
39) Acenaphthene-d10	9.669	164	336184	20.000	ng	-0.01
64) Phenanthrene-d10	11.151	188	586456	20.000	ng	0.00
76) Chrysene-d12	13.780	240	374896	20.000	ng	-0.01
86) Perylene-d12	15.168	264	282966	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.257	112	1243152	140.460	ng	0.01
7) Phenol-d6	6.287	99	1541245	139.176	ng	0.00
23) Nitrobenzene-d5	7.210	82	994797	82.059	ng	0.00
42) 2,4,6-Tribromophenol	10.463	330	530062	164.550	ng	0.00
45) 2-Fluorobiphenyl	8.998	172	1973499	85.483	ng	-0.01
79) Terphenyl-d14	12.745	244	2206224	97.483	ng	0.00

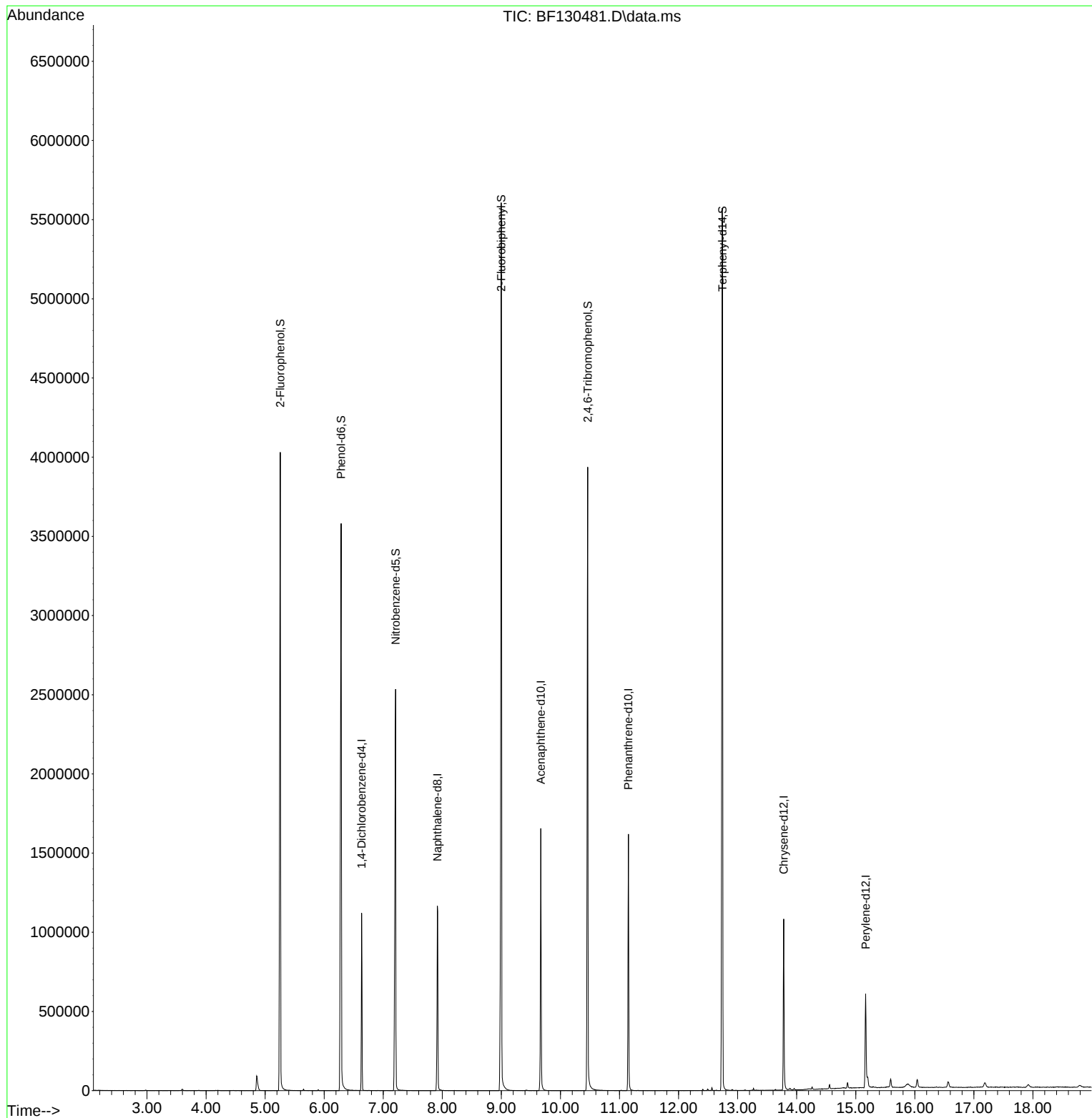
Target Compounds	Qvalue

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

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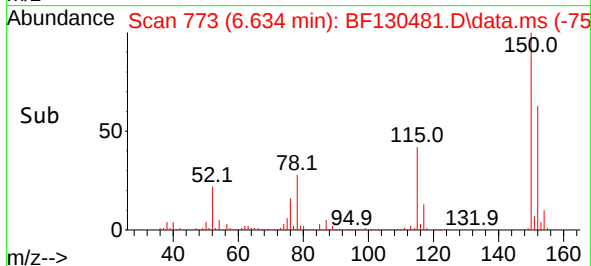
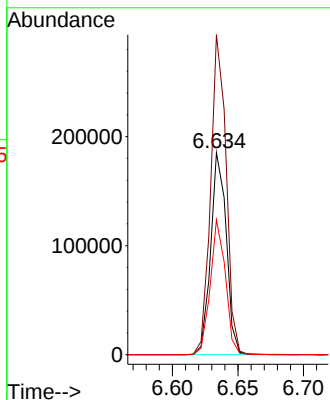
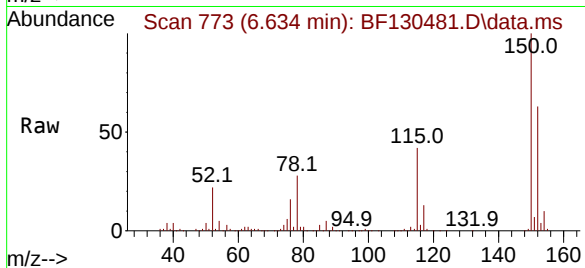




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.634 min Scan# 71
Delta R.T. -0.011 min
Lab File: BF130481.D
Acq: 30 Sep 2022 12:50

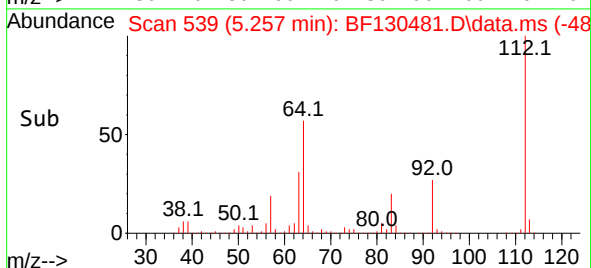
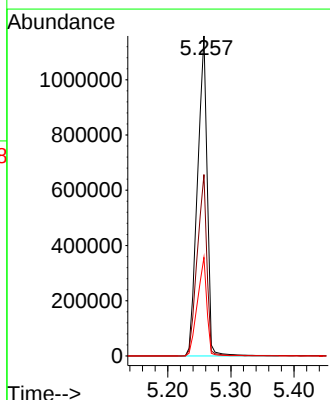
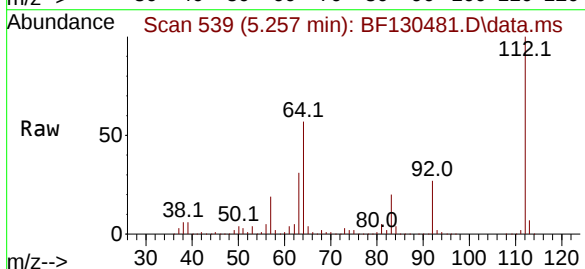
Instrument :
BNA_F
ClientSampleId :
PB147985BL

Tgt Ion:152 Resp: 153510
Ion Ratio Lower Upper
152 100
150 158.4 122.8 184.2
115 66.8 53.8 80.8



#5
2-Fluorophenol
Concen: 140.460 ng
RT: 5.257 min Scan# 539
Delta R.T. 0.012 min
Lab File: BF130481.D
Acq: 30 Sep 2022 12:50

Tgt Ion:112 Resp: 1243152
Ion Ratio Lower Upper
112 100
64 56.7 51.4 77.0
63 30.8 28.8 43.2

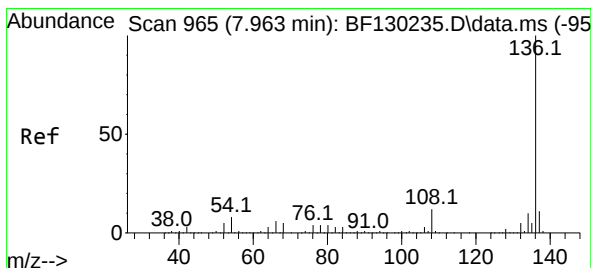
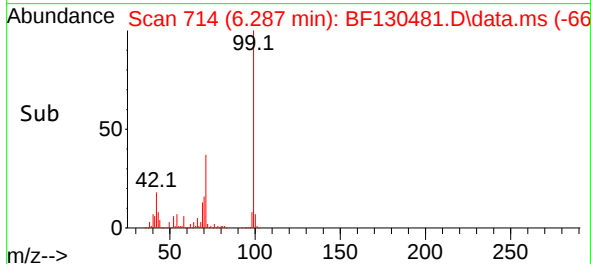
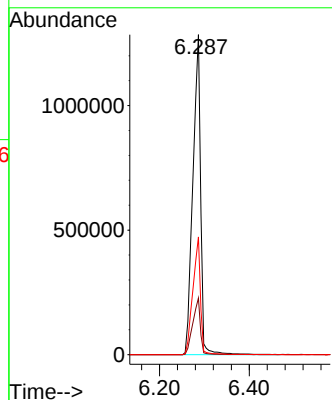
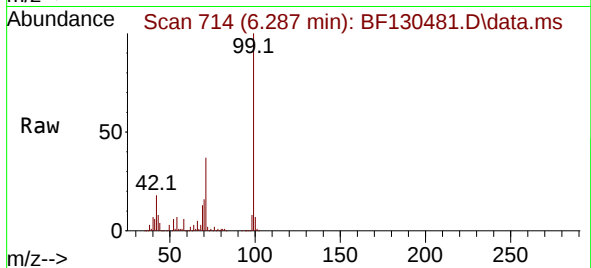




#7
Phenol-d6
Concen: 139.176 ng
RT: 6.287 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF130481.D
Acq: 30 Sep 2022 12:50

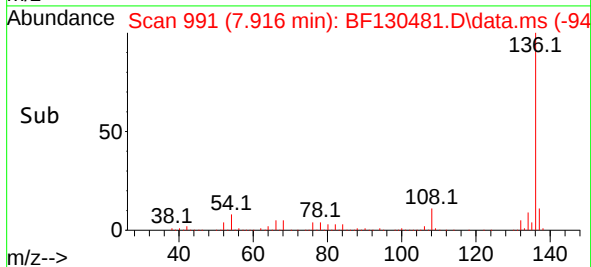
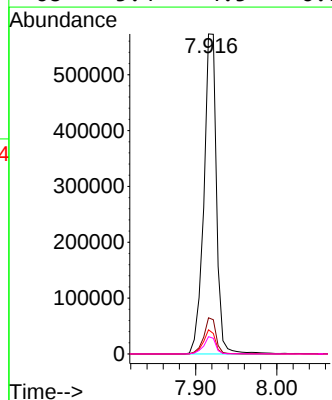
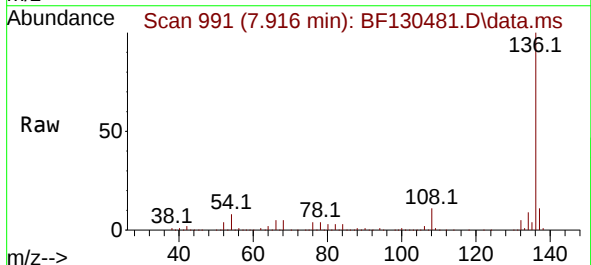
Instrument :
BNA_F
ClientSampleId :
PB147985BL

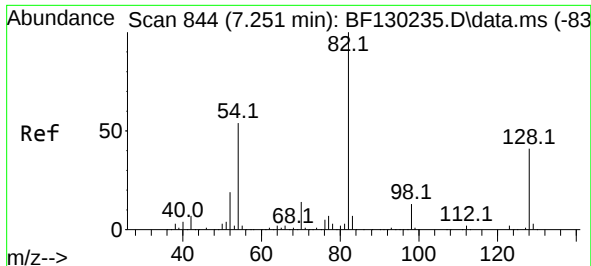
Tgt Ion: 99 Resp: 1541245
Ion Ratio Lower Upper
99 100
42 17.7 17.0 25.6
71 36.8 32.3 48.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.916 min Scan# 991
Delta R.T. -0.012 min
Lab File: BF130481.D
Acq: 30 Sep 2022 12:50

Tgt Ion: 136 Resp: 619343
Ion Ratio Lower Upper
136 100
137 11.3 9.1 13.7
54 7.6 7.1 10.7
68 5.4 4.5 6.7





#23

Nitrobenzene-d5

Concen: 82.059 ng

RT: 7.210 min Scan# 81

Delta R.T. -0.006 min

Lab File: BF130481.D

Acq: 30 Sep 2022 12:50

Instrument :

BNA_F

ClientSampleId :

PB147985BL

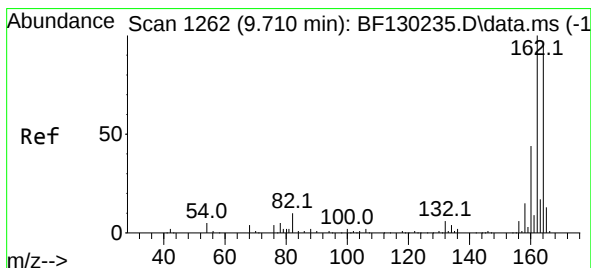
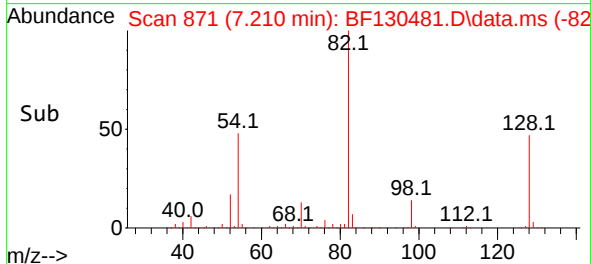
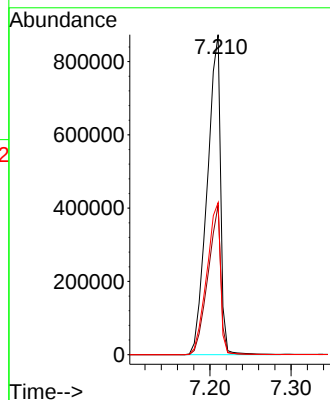
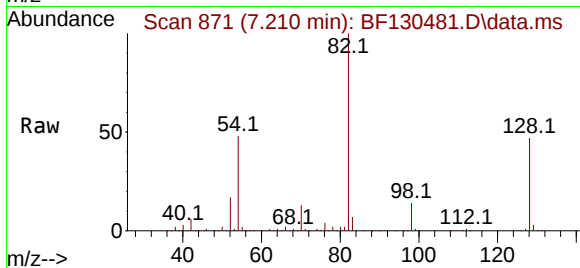
Tgt Ion: 82 Resp: 994797

Ion Ratio Lower Upper

82 100

128 46.7 32.6 49.0

54 47.5 43.8 65.6



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.669 min Scan# 1289

Delta R.T. -0.012 min

Lab File: BF130481.D

Acq: 30 Sep 2022 12:50

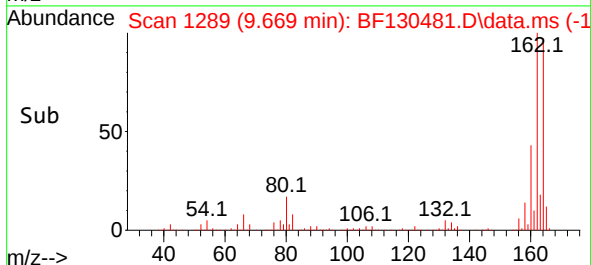
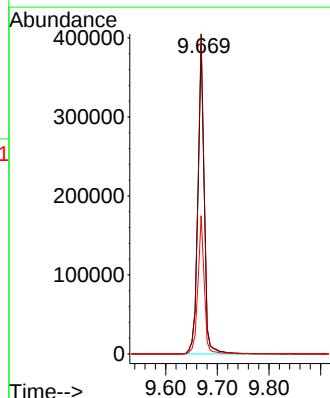
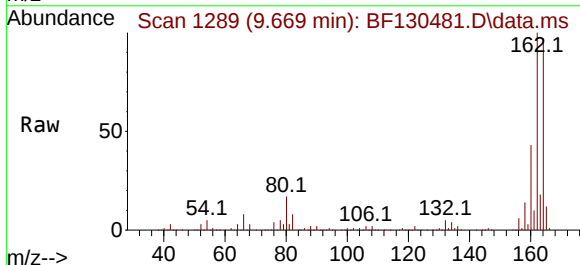
Tgt Ion:164 Resp: 336184

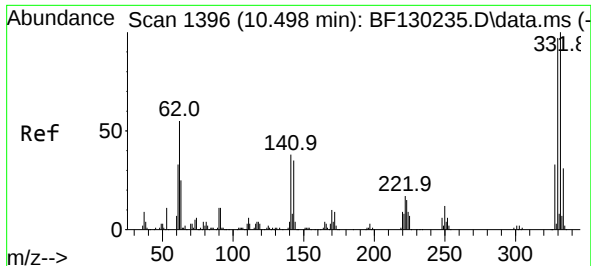
Ion Ratio Lower Upper

164 100

162 103.4 81.4 122.0

160 44.7 36.2 54.4





#42

2,4,6-Tribromophenol

Concen: 164.550 ng

RT: 10.463 min Scan# 1424

Delta R.T. -0.006 min

Lab File: BF130481.D

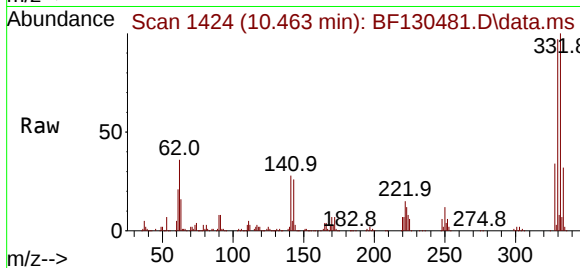
Acq: 30 Sep 2022 12:50

Instrument :

BNA_F

ClientSampleId :

PB147985BL



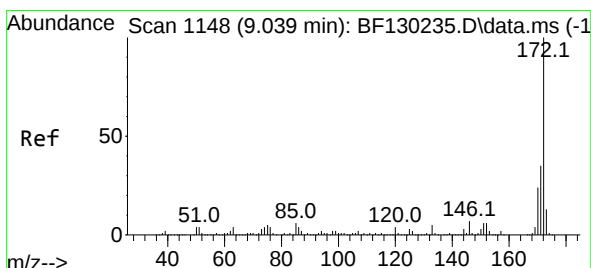
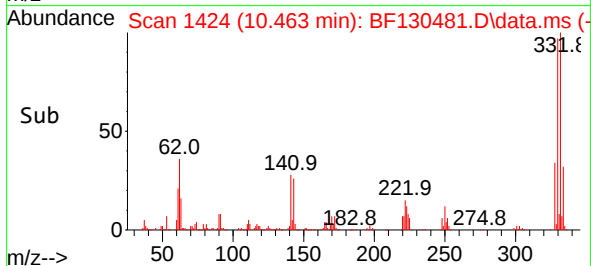
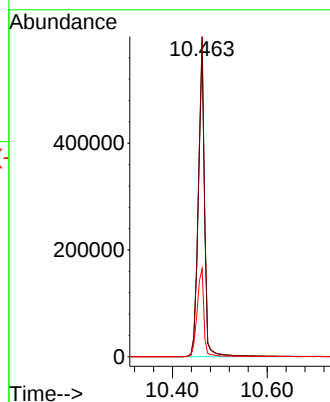
Tgt Ion:330 Resp: 530062

Ion Ratio Lower Upper

330 100

332 103.6 83.4 125.2

141 31.3 34.0 51.0#



#45

2-Fluorobiphenyl

Concen: 85.483 ng

RT: 8.998 min Scan# 1175

Delta R.T. -0.012 min

Lab File: BF130481.D

Acq: 30 Sep 2022 12:50

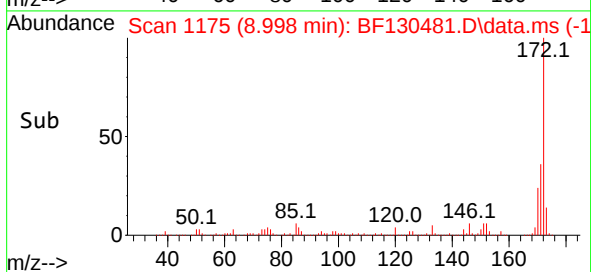
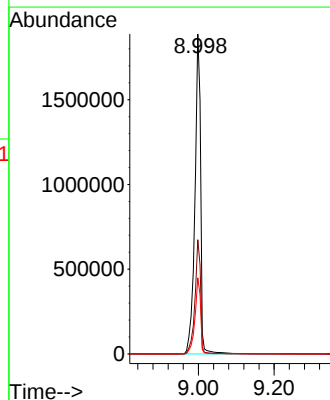
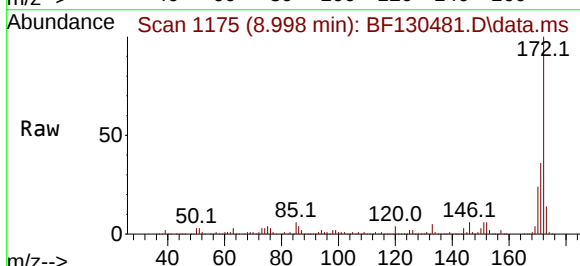
Tgt Ion:172 Resp: 1973499

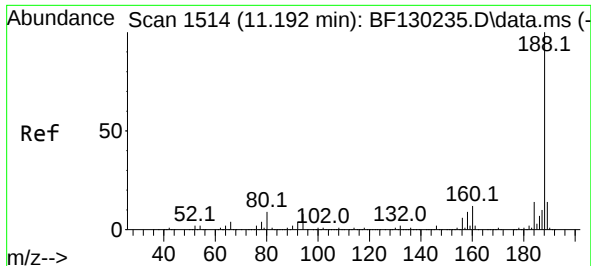
Ion Ratio Lower Upper

172 100

171 35.7 28.3 42.5

170 23.8 18.7 28.1

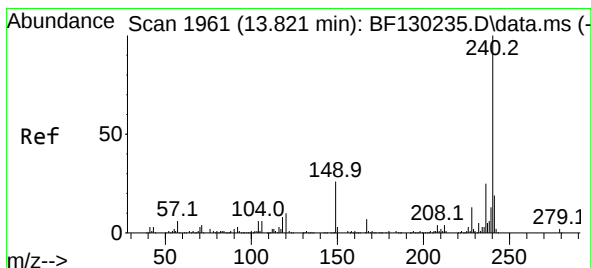
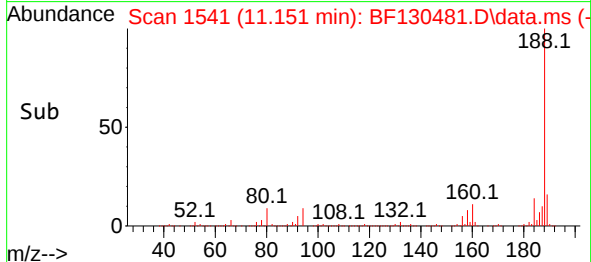
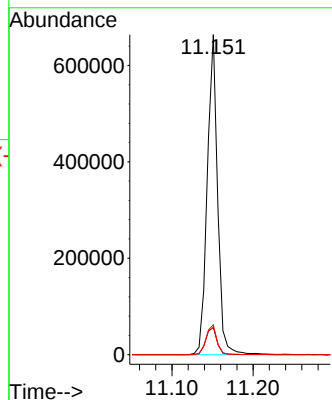
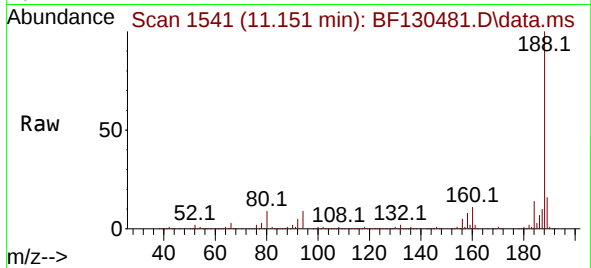




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.151 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF130481.D
Acq: 30 Sep 2022 12:50

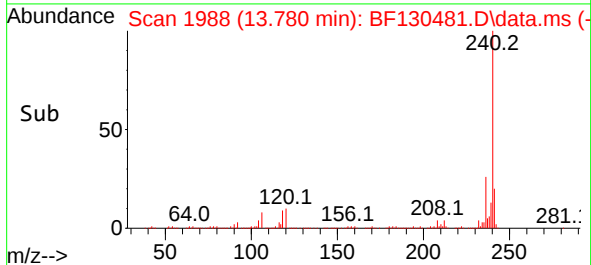
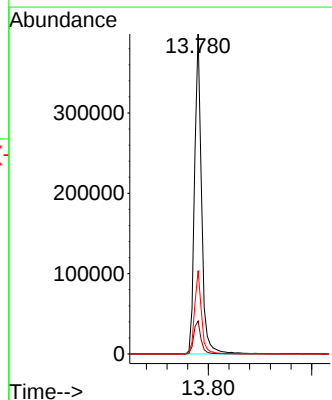
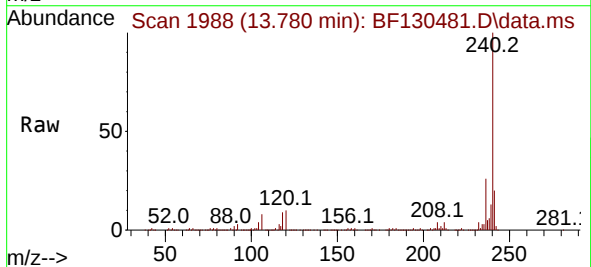
Instrument :
BNA_F
ClientSampleId :
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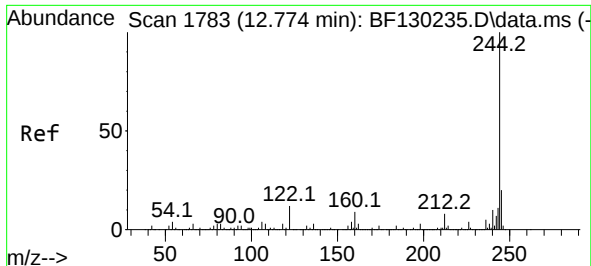
Tgt Ion:188 Resp: 586456
Ion Ratio Lower Upper
188 100
94 8.5 7.4 11.2
80 9.3 7.9 11.9



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.780 min Scan# 1988
Delta R.T. -0.012 min
Lab File: BF130481.D
Acq: 30 Sep 2022 12:50

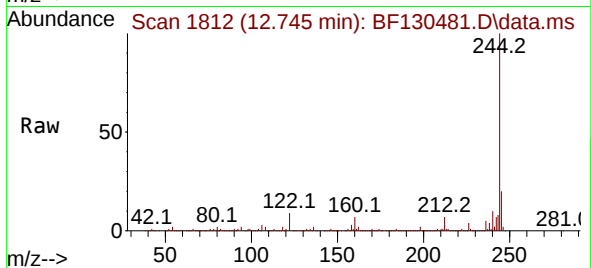
Tgt Ion:240 Resp: 374896
Ion Ratio Lower Upper
240 100
120 10.3 8.7 13.1
236 26.1 20.9 31.3



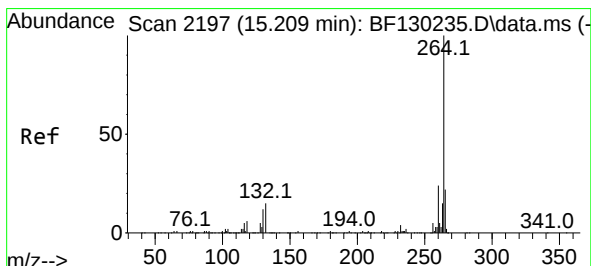
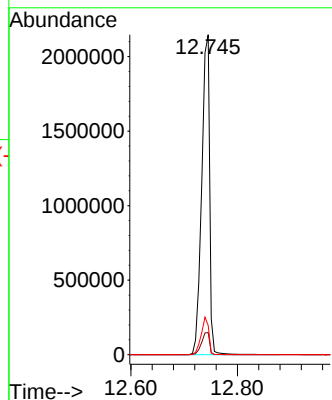
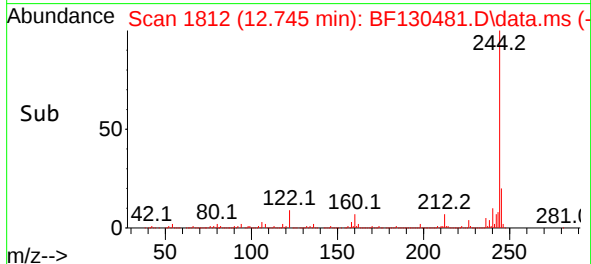


#79
 Terphenyl-d14
 Concen: 97.483 ng
 RT: 12.745 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: BF130481.D
 Acq: 30 Sep 2022 12:50

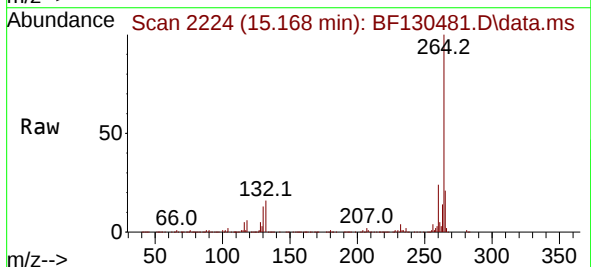
Instrument :
 BNA_F
 ClientSampleId :
 PB147985BL



Tgt Ion:244 Resp: 2206224
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.9 8.9
 122 9.2 8.5 12.7



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.168 min Scan# 2224
 Delta R.T. -0.006 min
 Lab File: BF130481.D
 Acq: 30 Sep 2022 12:50



Tgt Ion:264 Resp: 282966
 Ion Ratio Lower Upper
 264 100
 260 24.0 19.3 28.9
 265 21.3 17.0 25.4

