

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081822\
 Data File : BF129881.D
 Acq On : 18 Aug 2022 18:05
 Operator : CG\JU
 Sample : N4200-11
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S5

Quant Time: Aug 19 01:01:00 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 18 12:03:10 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.792	152	110776	20.000	ng	0.00
21) Naphthalene-d8	8.075	136	442576	20.000	ng	0.00
39) Acenaphthene-d10	9.828	164	226540	20.000	ng	0.00
64) Phenanthrene-d10	11.322	188	340474	20.000	ng	0.00
76) Chrysene-d12	13.968	240	221911	20.000	ng	0.00
86) Perylene-d12	15.427	264	256315	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.440	112	784467	117.249	ng	0.01
7) Phenol-d6	6.451	99	883621	105.463	ng	0.00
23) Nitrobenzene-d5	7.363	82	688598	83.289	ng	0.00
42) 2,4,6-Tribromophenol	10.627	330	281144	123.652	ng	0.00
45) 2-Fluorobiphenyl	9.151	172	1248481	83.703	ng	0.00
79) Terphenyl-d14	12.910	244	1115214	83.621	ng	0.00

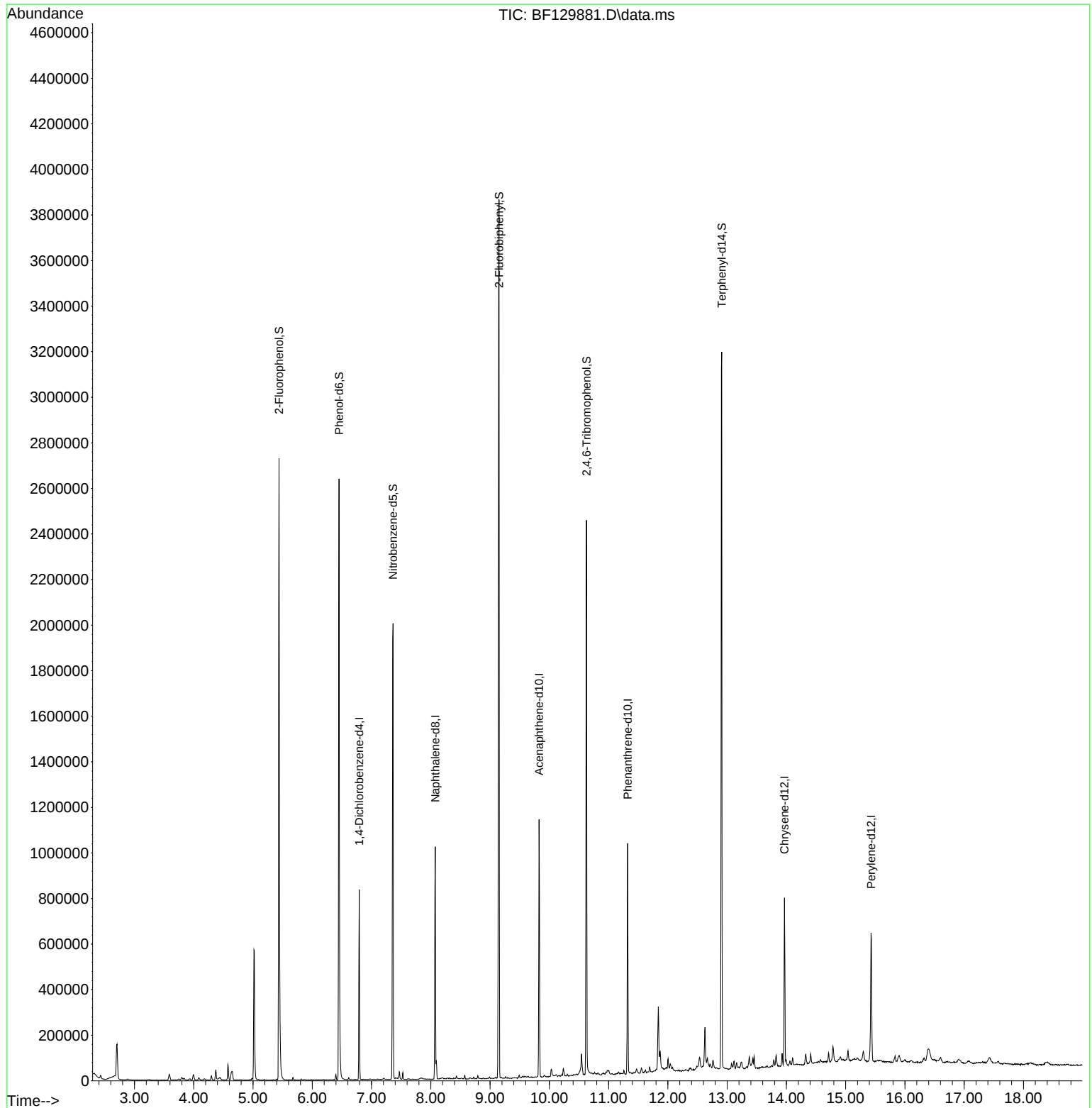
Target Compounds	Qvalue

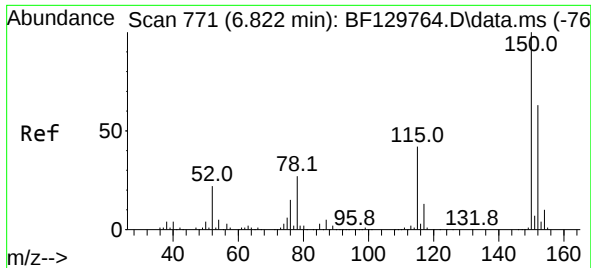
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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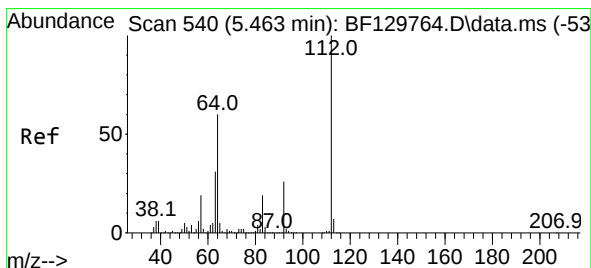
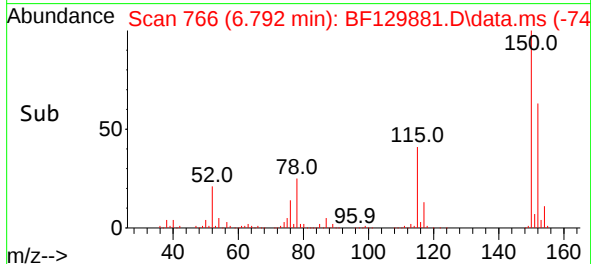
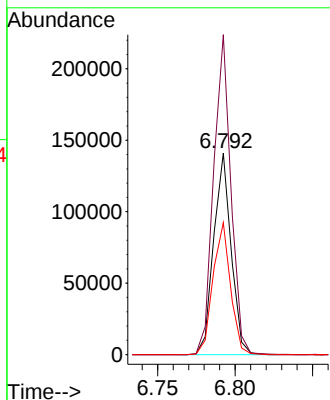
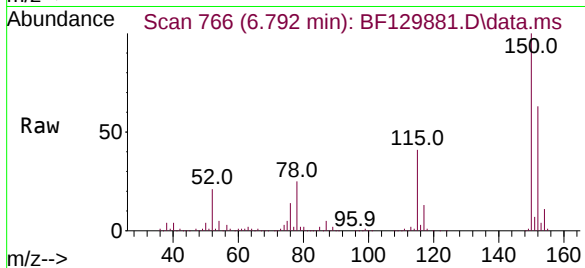




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.792 min Scan# 70
Delta R.T. 0.000 min
Lab File: BF129881.D
Acq: 18 Aug 2022 18:05

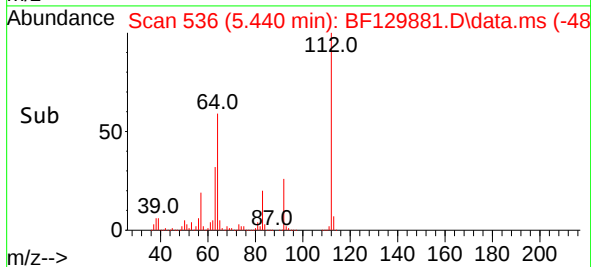
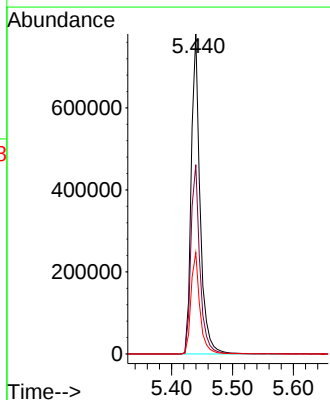
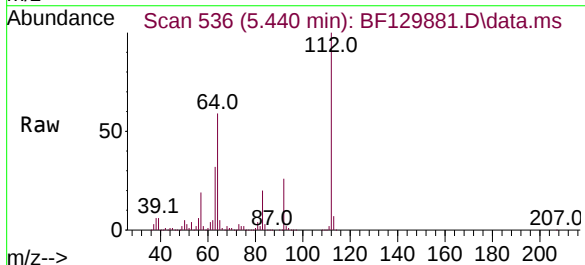
Instrument :
BNA_F
ClientSampleId :
S5

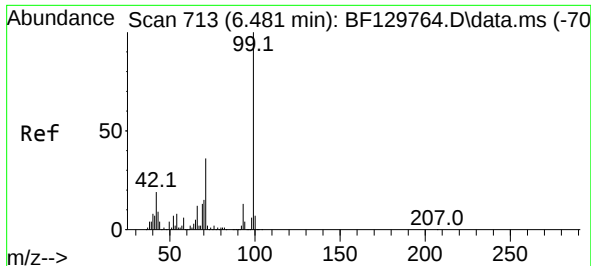
Tgt Ion:152 Resp: 110776
Ion Ratio Lower Upper
152 100
150 158.8 126.9 190.3
115 65.5 53.4 80.0



#5
2-Fluorophenol
Concen: 117.249 ng
RT: 5.440 min Scan# 536
Delta R.T. 0.012 min
Lab File: BF129881.D
Acq: 18 Aug 2022 18:05

Tgt Ion:112 Resp: 784467
Ion Ratio Lower Upper
112 100
64 59.1 47.6 71.4
63 31.7 24.6 37.0





#7

Phenol-d6

Concen: 105.463 ng

RT: 6.451 min Scan# 70

Delta R.T. 0.000 min

Lab File: BF129881.D

Acq: 18 Aug 2022 18:05

Instrument :

BNA_F

ClientSampleId :

S5

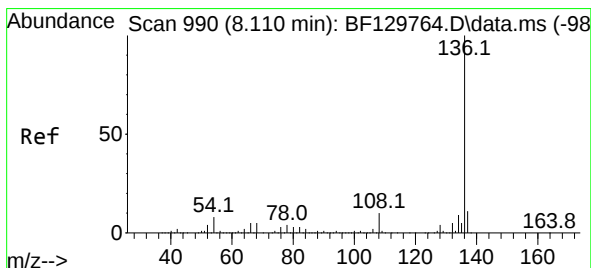
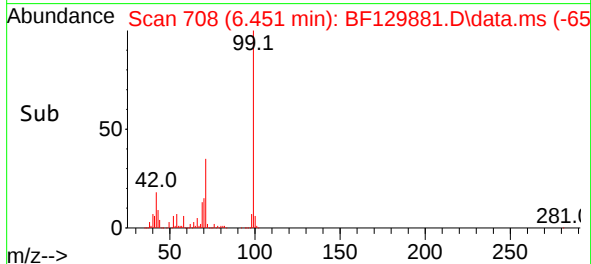
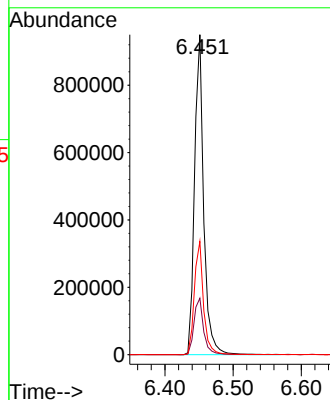
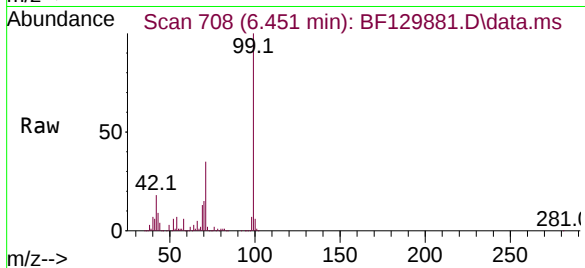
Tgt Ion: 99 Resp: 883621

Ion Ratio Lower Upper

99 100

42 17.6 15.0 22.4

71 35.4 28.8 43.2



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.075 min Scan# 984

Delta R.T. -0.006 min

Lab File: BF129881.D

Acq: 18 Aug 2022 18:05

Tgt Ion: 136 Resp: 442576

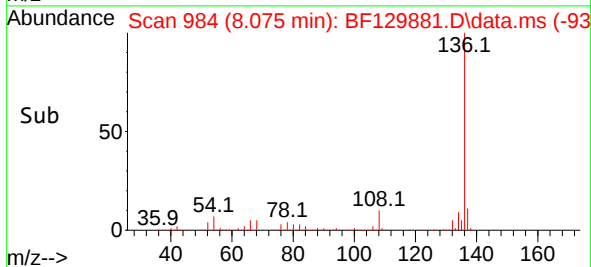
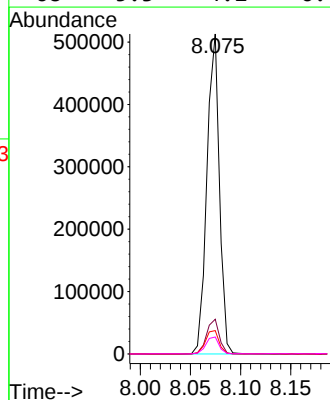
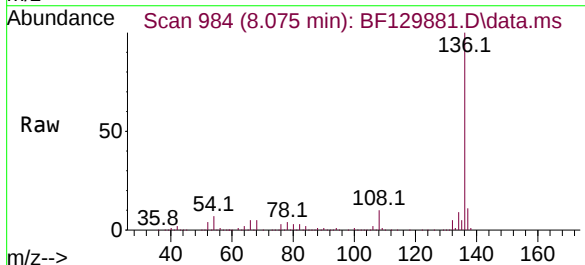
Ion Ratio Lower Upper

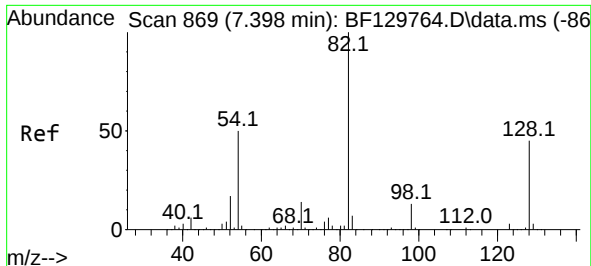
136 100

137 10.8 8.4 12.6

54 7.3 6.2 9.2

68 5.3 4.2 6.4

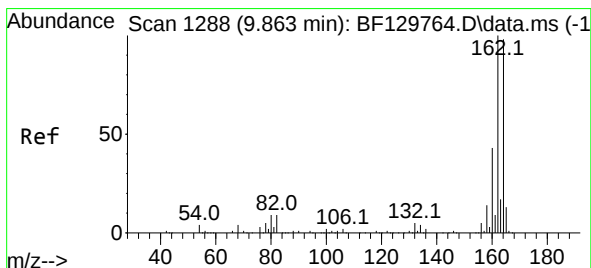
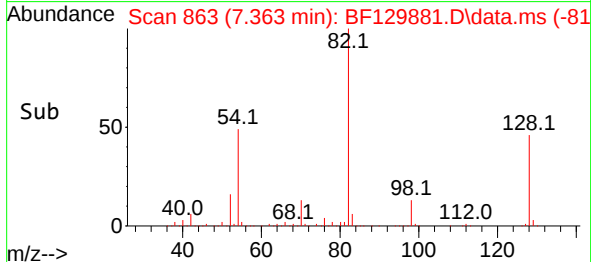
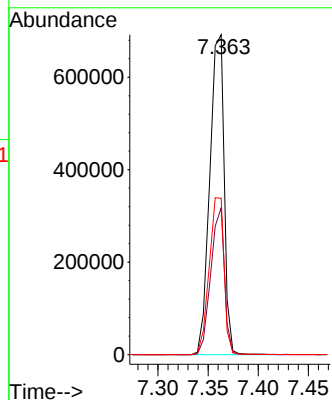
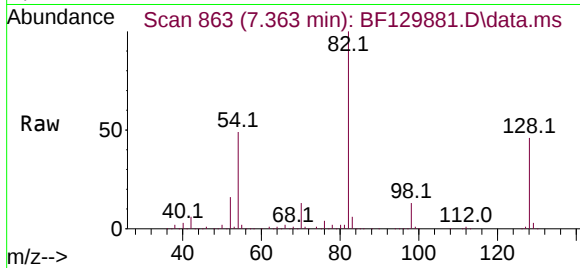




#23
Nitrobenzene-d5
Concen: 83.289 ng
RT: 7.363 min Scan# 80
Delta R.T. -0.006 min
Lab File: BF129881.D
Acq: 18 Aug 2022 18:05

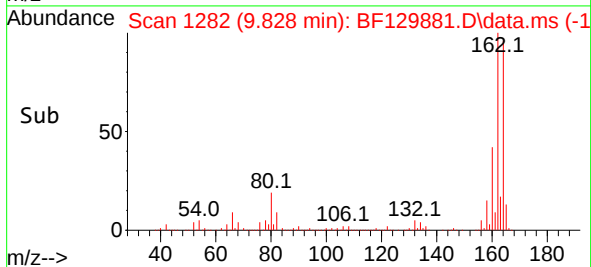
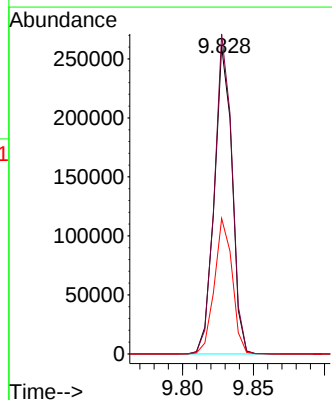
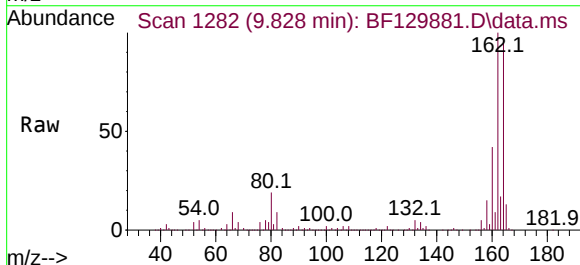
Instrument :
BNA_F
ClientSampleId :
S5

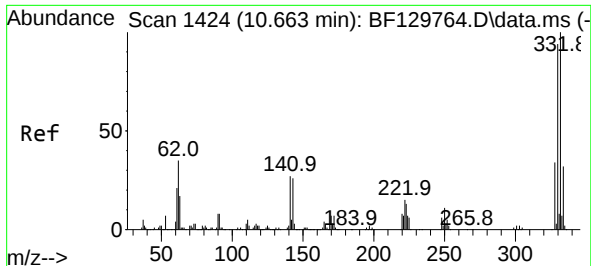
Tgt Ion: 82 Resp: 688598
Ion Ratio Lower Upper
82 100
128 45.9 36.1 54.1
54 48.9 40.0 60.0



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.828 min Scan# 1282
Delta R.T. -0.006 min
Lab File: BF129881.D
Acq: 18 Aug 2022 18:05

Tgt Ion:164 Resp: 226540
Ion Ratio Lower Upper
164 100
162 104.1 82.0 123.0
160 44.1 35.4 53.0





#42

2,4,6-Tribromophenol

Concen: 123.652 ng

RT: 10.627 min Scan# 1418

Delta R.T. 0.000 min

Lab File: BF129881.D

Acq: 18 Aug 2022 18:05

Instrument :

BNA_F

ClientSampleId :

S5

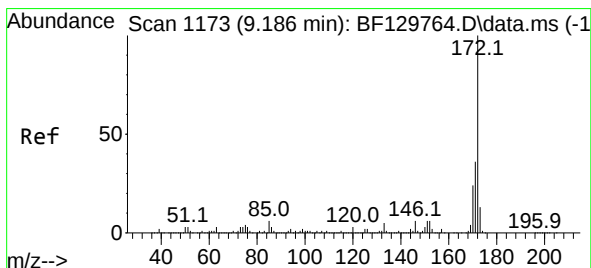
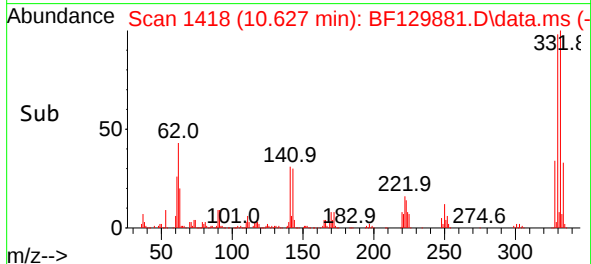
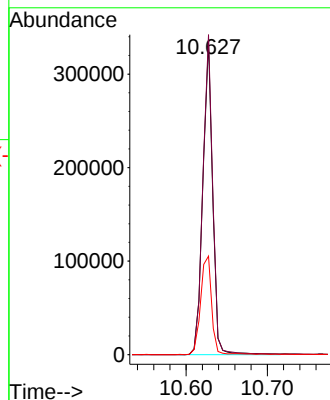
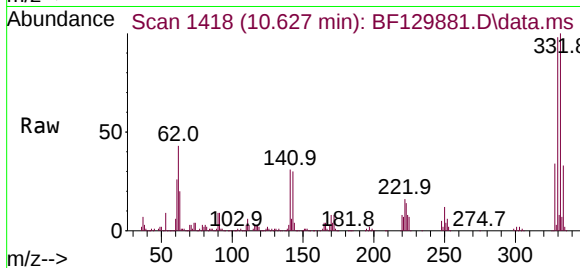
Tgt Ion:330 Resp: 281144

Ion Ratio Lower Upper

330 100

332 102.7 82.6 124.0

141 35.6 27.6 41.4



#45

2-Fluorobiphenyl

Concen: 83.703 ng

RT: 9.151 min Scan# 1167

Delta R.T. 0.000 min

Lab File: BF129881.D

Acq: 18 Aug 2022 18:05

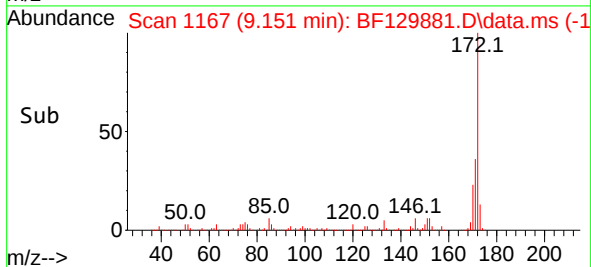
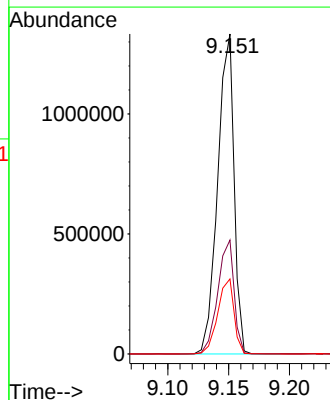
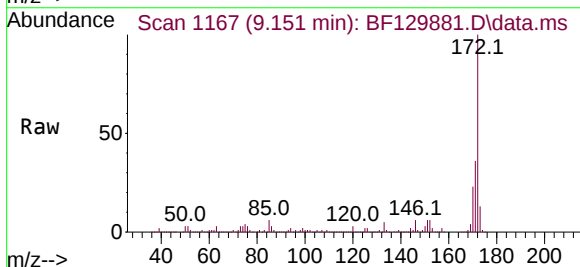
Tgt Ion:172 Resp: 1248481

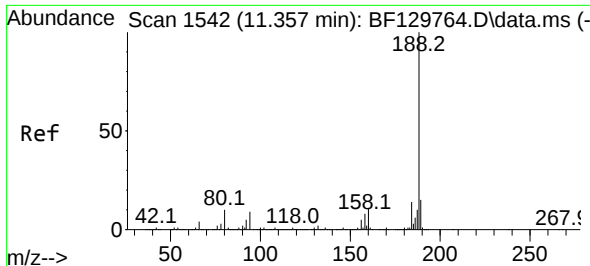
Ion Ratio Lower Upper

172 100

171 35.6 28.4 42.6

170 23.5 19.1 28.7

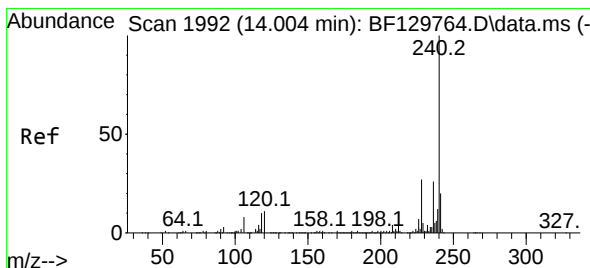
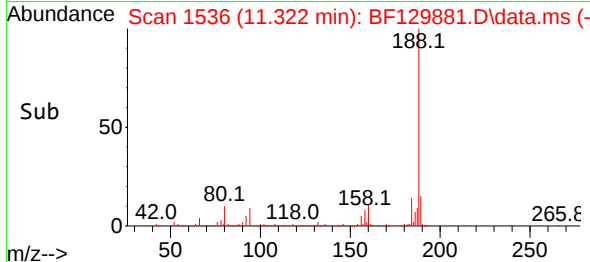
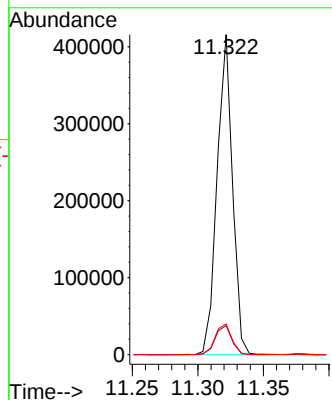
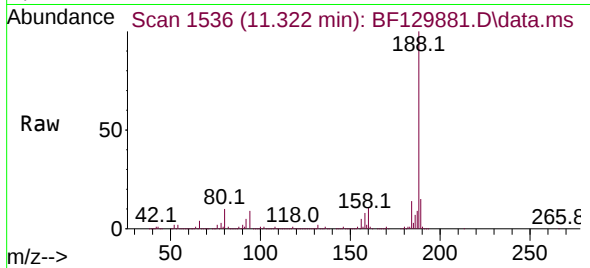




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.322 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF129881.D
Acq: 18 Aug 2022 18:05

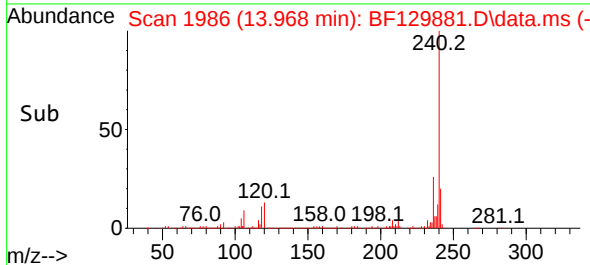
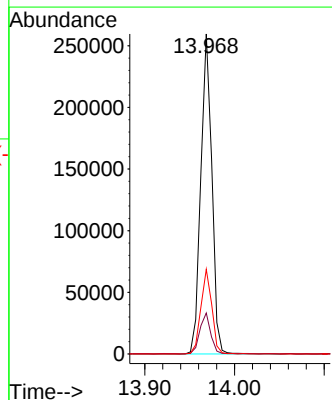
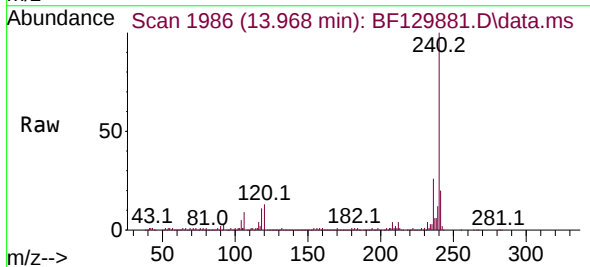
Instrument :
BNA_F
ClientSampleId :
S5

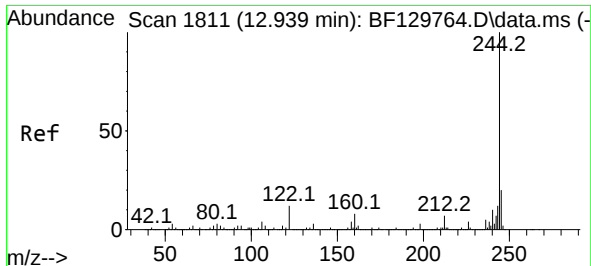
Tgt Ion:188 Resp: 340474
Ion Ratio Lower Upper
188 100
94 9.1 7.4 11.2
80 9.6 7.9 11.9



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.968 min Scan# 1986
Delta R.T. -0.006 min
Lab File: BF129881.D
Acq: 18 Aug 2022 18:05

Tgt Ion:240 Resp: 221911
Ion Ratio Lower Upper
240 100
120 12.8 9.2 13.8
236 26.4 20.7 31.1

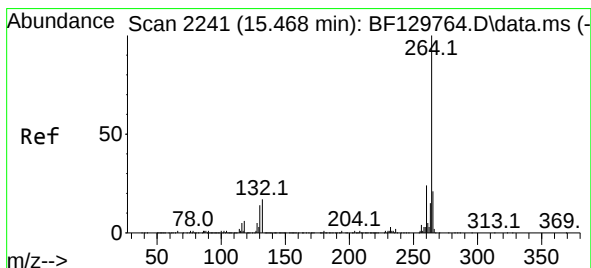
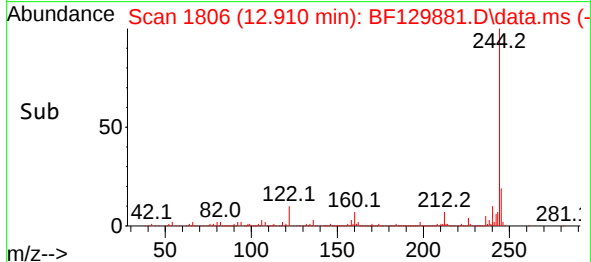
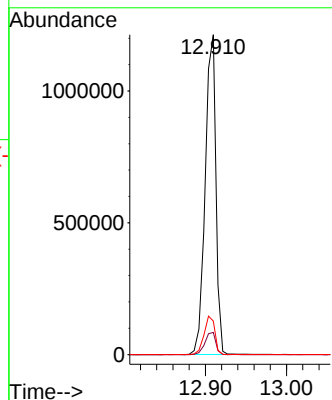
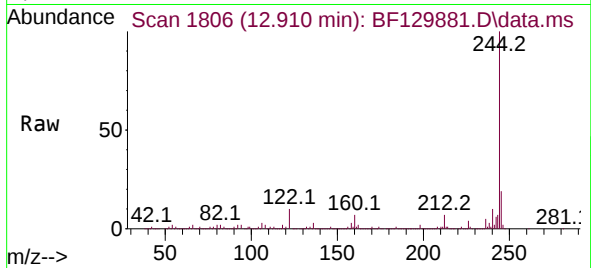




#79
Terphenyl-d14
Concen: 83.621 ng
RT: 12.910 min Scan# 1811
Delta R.T. 0.000 min
Lab File: BF129881.D
Acq: 18 Aug 2022 18:05

Instrument :
BNA_F
ClientSampleId :
S5

Tgt Ion:244 Resp: 1115214
Ion Ratio Lower Upper
244 100
212 6.9 5.9 8.9
122 10.5 9.9 14.9



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.427 min Scan# 2234
Delta R.T. 0.000 min
Lab File: BF129881.D
Acq: 18 Aug 2022 18:05

Tgt Ion:264 Resp: 256315
Ion Ratio Lower Upper
264 100
260 22.8 19.1 28.7
265 20.4 16.7 25.1

