

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081922\
 Data File : BF129928.D
 Acq On : 20 Aug 2022 01:19
 Operator : CG\JU
 Sample : N4224-11
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP3-0816

Quant Time: Aug 20 07:58:14 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Aug 20 07:47:33 2022
 Response via : Initial Calibration

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

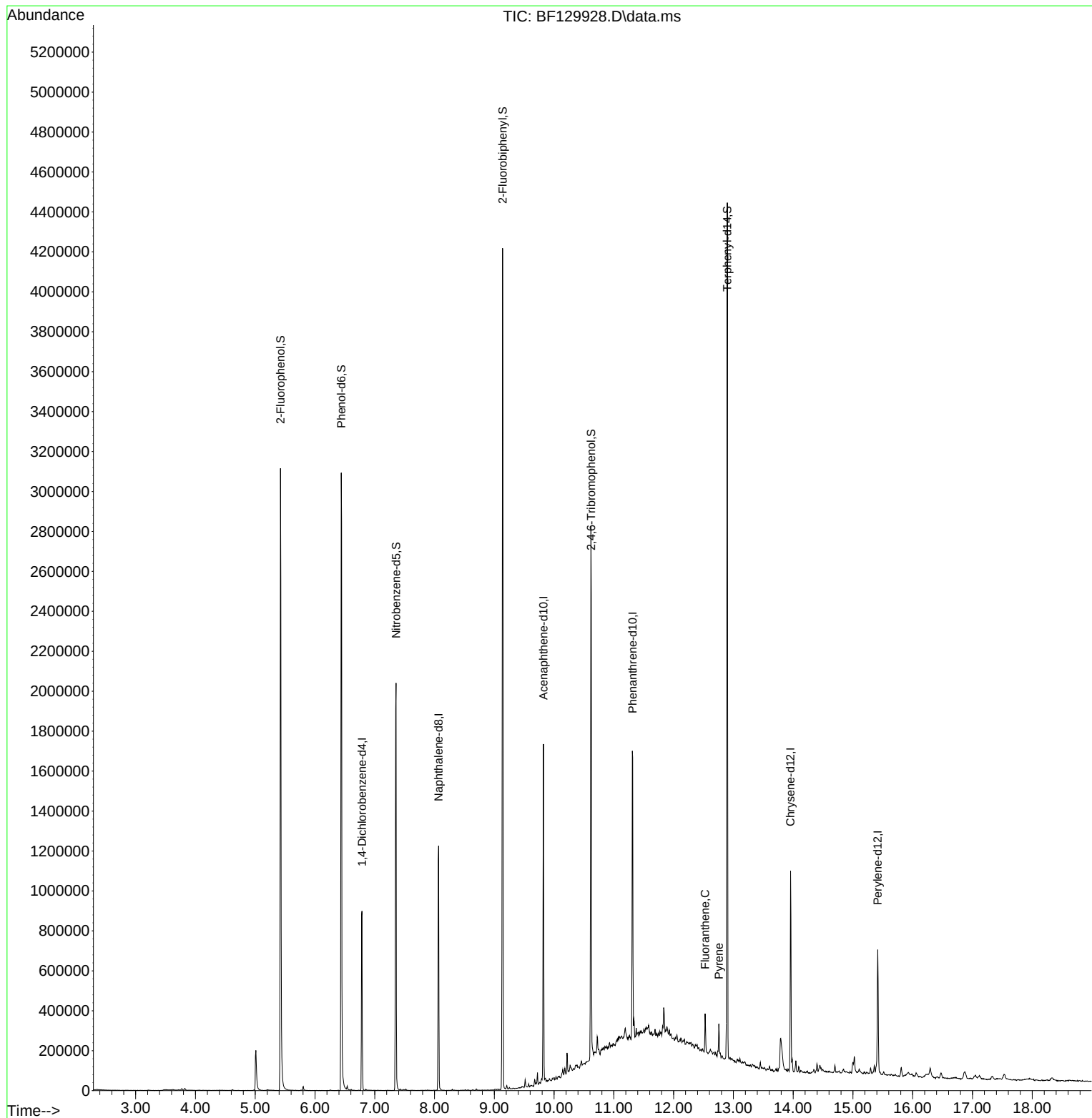
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.787	152	142871	20.000	ng	0.00
21) Naphthalene-d8	8.069	136	578647	20.000	ng	0.00
39) Acenaphthene-d10	9.822	164	318386	20.000	ng	0.00
64) Phenanthrene-d10	11.316	188	535652	20.000	ng	0.00
76) Chrysene-d12	13.957	240	315170	20.000	ng	0.00
86) Perylene-d12	15.415	264	271538	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.422	112	887536	102.855	ng	0.00
7) Phenol-d6	6.440	99	1148540	106.288	ng	0.00
23) Nitrobenzene-d5	7.357	82	713410	65.999	ng	0.00
42) 2,4,6-Tribromophenol	10.622	330	326832	102.279	ng	0.00
45) 2-Fluorobiphenyl	9.139	172	1318704	62.906	ng	0.00
79) Terphenyl-d14	12.898	244	1364994	72.065	ng	0.00
Target Compounds						
						Qvalue
75) Fluoranthene	12.527	202	70010	2.287	ng	98
78) Pyrene	12.757	202	60917	2.224	ng	98

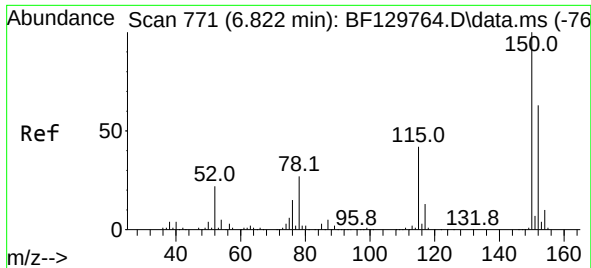
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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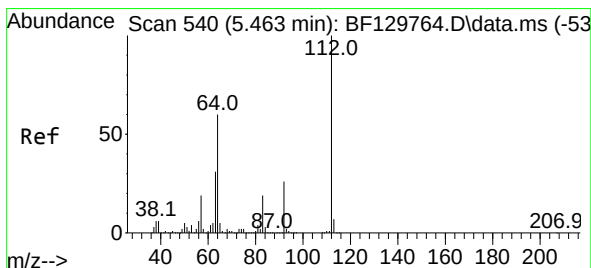
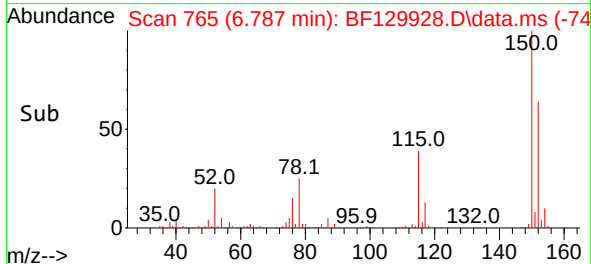
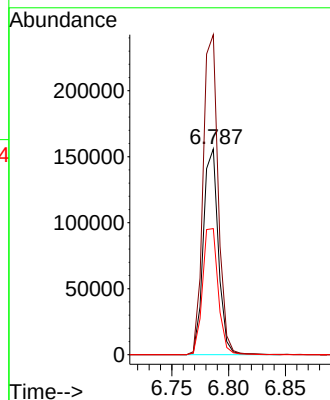
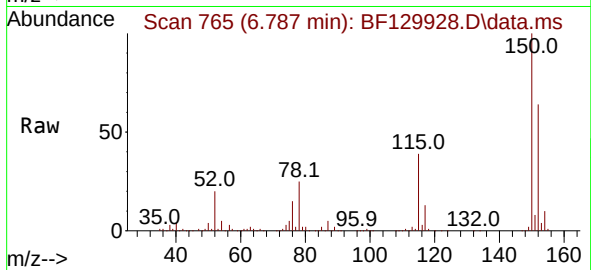




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.787 min Scan# 771
 Delta R.T. -0.000 min
 Lab File: BF129928.D
 Acq: 20 Aug 2022 01:19

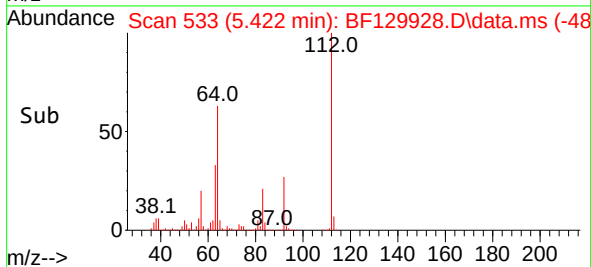
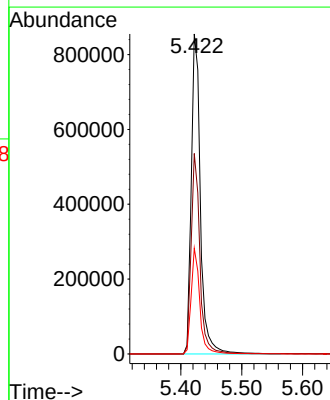
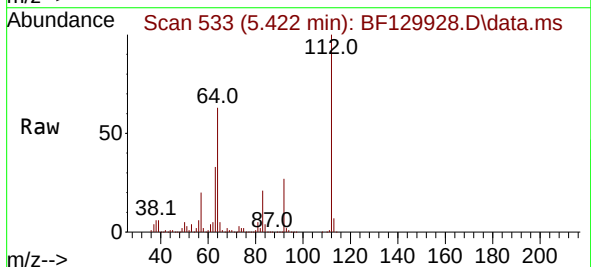
Instrument :
 BNA_F
 ClientSampleId :
 TP3-0816

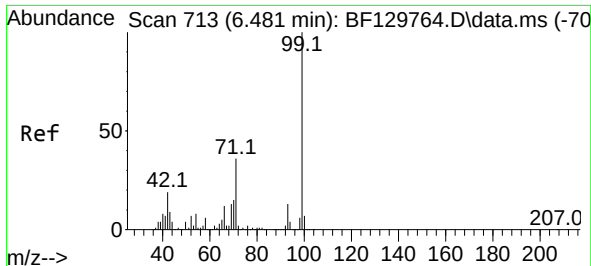
Tgt Ion:152 Resp: 142871
 Ion Ratio Lower Upper
 152 100
 150 155.5 126.9 190.3
 115 61.3 53.4 80.0



#5
 2-Fluorophenol
 Concen: 102.855 ng
 RT: 5.422 min Scan# 533
 Delta R.T. 0.000 min
 Lab File: BF129928.D
 Acq: 20 Aug 2022 01:19

Tgt Ion:112 Resp: 887536
 Ion Ratio Lower Upper
 112 100
 64 62.6 47.6 71.4
 63 33.0 24.6 37.0

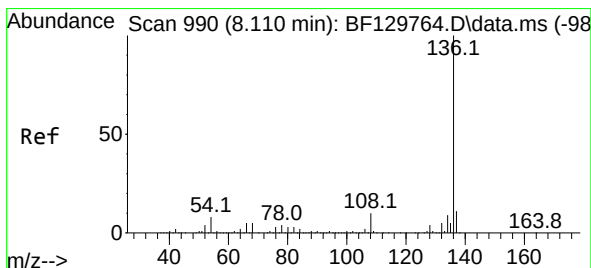
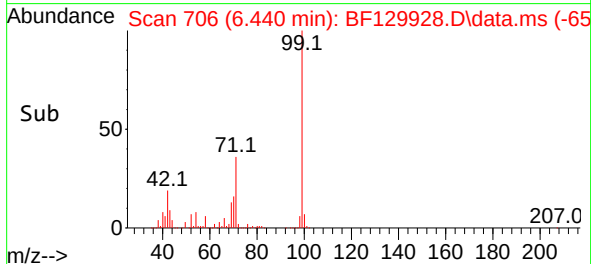
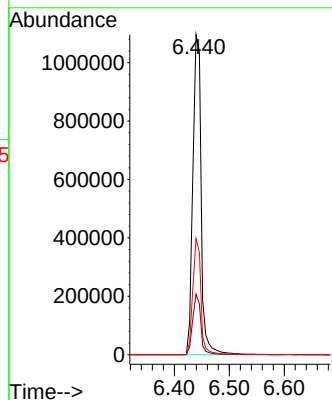
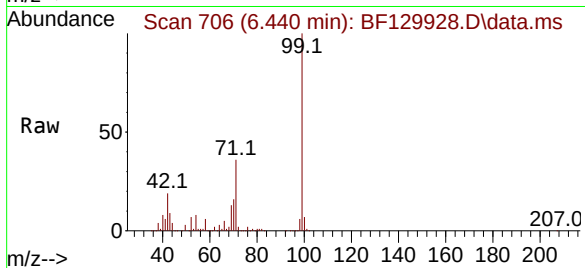




#7
Phenol-d6
Concen: 106.288 ng
RT: 6.440 min Scan# 713
Delta R.T. -0.006 min
Lab File: BF129928.D
Acq: 20 Aug 2022 01:19

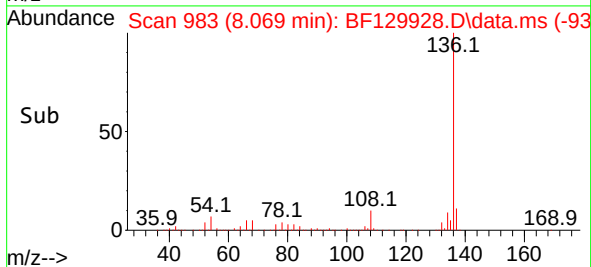
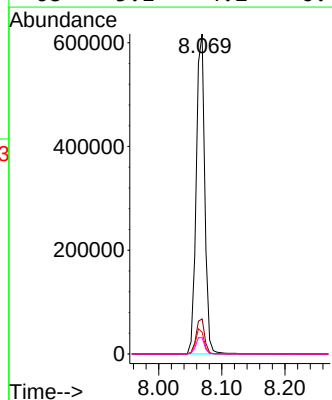
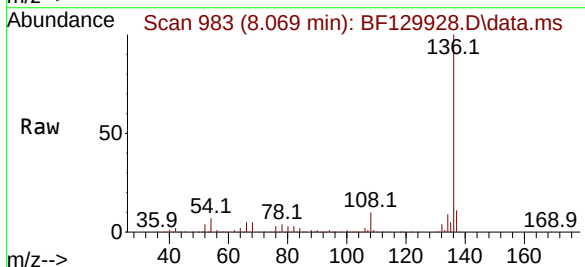
Instrument :
BNA_F
ClientSampleId :
TP3-0816

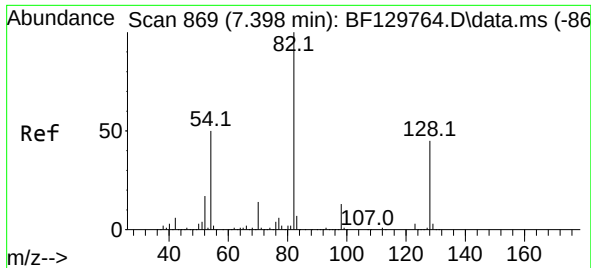
Tgt Ion: 99 Resp: 1148540
Ion Ratio Lower Upper
99 100
42 18.9 15.0 22.4
71 36.3 28.8 43.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.069 min Scan# 983
Delta R.T. 0.000 min
Lab File: BF129928.D
Acq: 20 Aug 2022 01:19

Tgt Ion:136 Resp: 578647
Ion Ratio Lower Upper
136 100
137 11.0 8.4 12.6
54 6.8 6.2 9.2
68 5.1 4.2 6.4

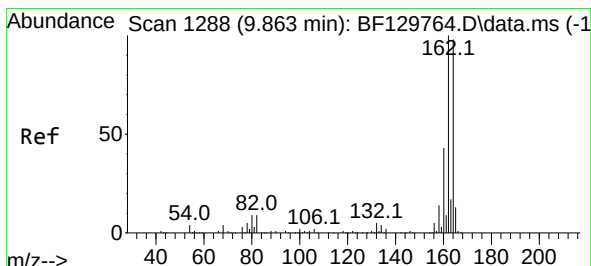
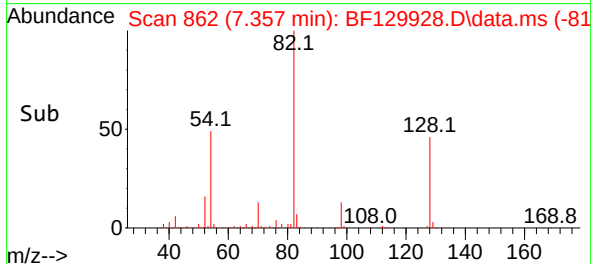
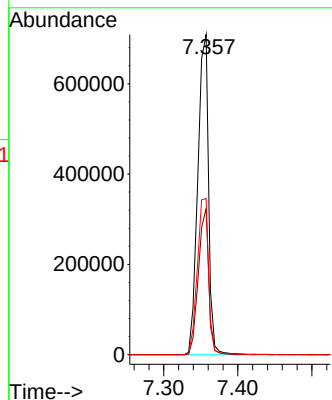
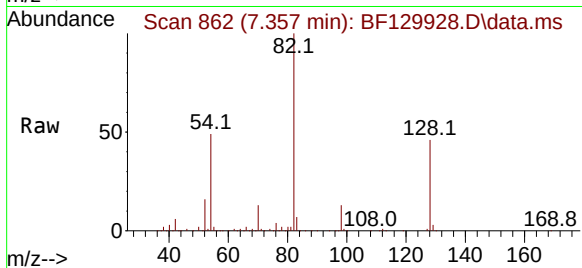




#23
Nitrobenzene-d5
Concen: 65.999 ng
RT: 7.357 min Scan# 80
Delta R.T. 0.000 min
Lab File: BF129928.D
Acq: 20 Aug 2022 01:19

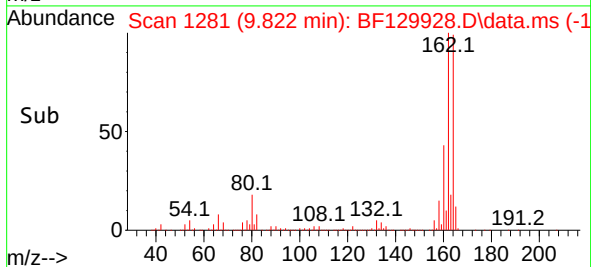
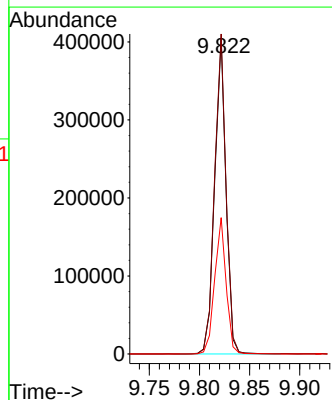
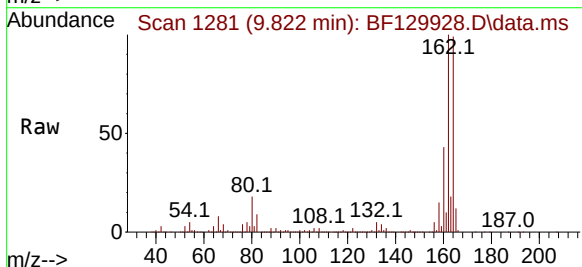
Instrument :
BNA_F
ClientSampleId :
TP3-0816

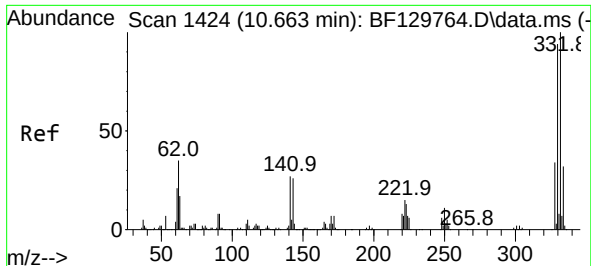
Tgt Ion: 82 Resp: 713410
Ion Ratio Lower Upper
82 100
128 45.6 36.1 54.1
54 48.8 40.0 60.0



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.822 min Scan# 1281
Delta R.T. -0.006 min
Lab File: BF129928.D
Acq: 20 Aug 2022 01:19

Tgt Ion: 164 Resp: 318386
Ion Ratio Lower Upper
164 100
162 101.4 82.0 123.0
160 43.2 35.4 53.0





#42

2,4,6-Tribromophenol

Concen: 102.279 ng

RT: 10.622 min Scan# 1417

Delta R.T. 0.000 min

Lab File: BF129928.D

Acq: 20 Aug 2022 01:19

Instrument :

BNA_F

ClientSampleId :

TP3-0816

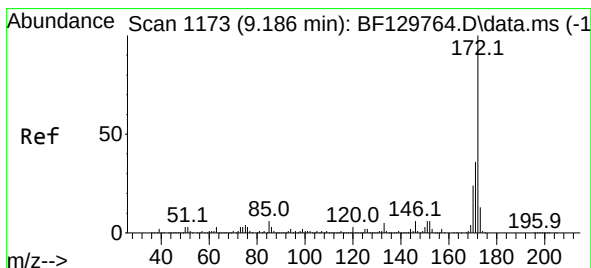
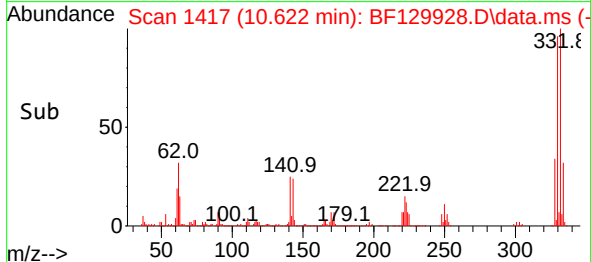
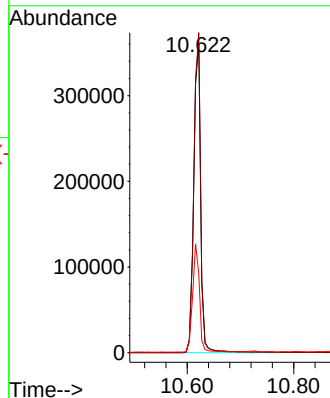
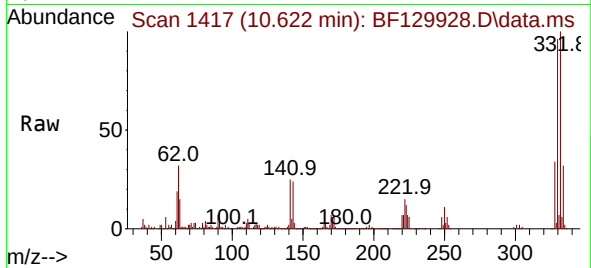
Tgt Ion:330 Resp: 326832

Ion Ratio Lower Upper

330 100

332 102.9 82.6 124.0

141 34.3 27.6 41.4



#45

2-Fluorobiphenyl

Concen: 62.906 ng

RT: 9.139 min Scan# 1165

Delta R.T. -0.006 min

Lab File: BF129928.D

Acq: 20 Aug 2022 01:19

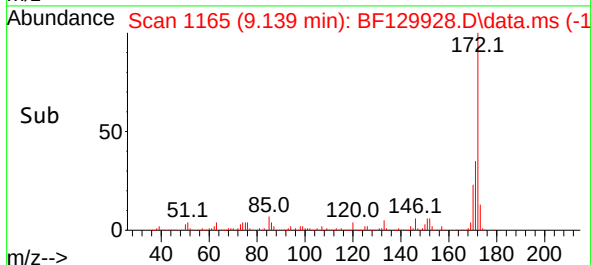
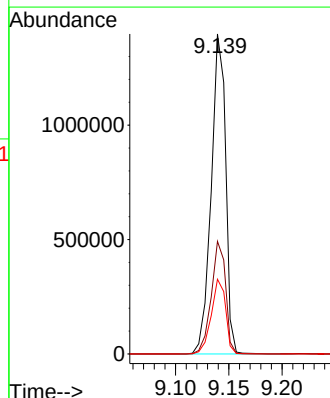
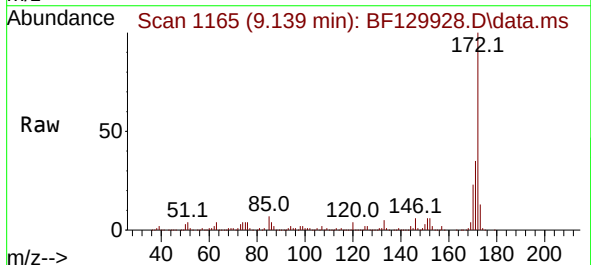
Tgt Ion:172 Resp: 1318704

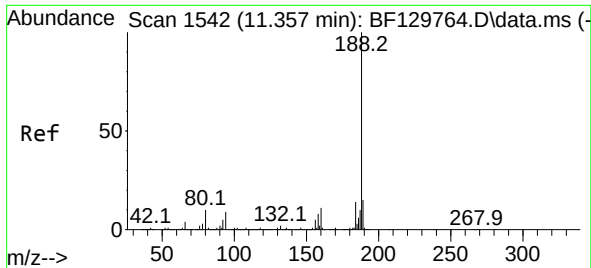
Ion Ratio Lower Upper

172 100

171 35.2 28.4 42.6

170 23.3 19.1 28.7

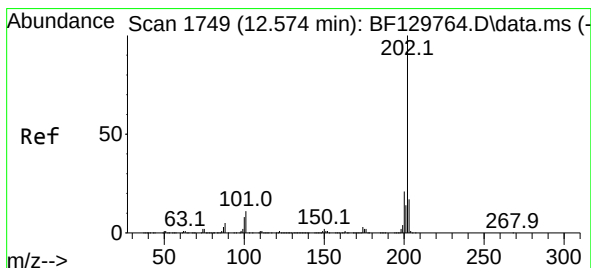
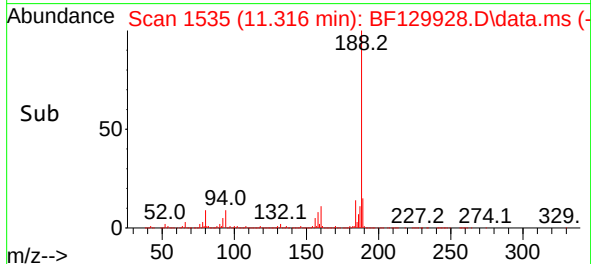
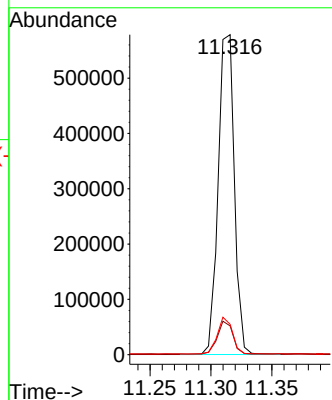
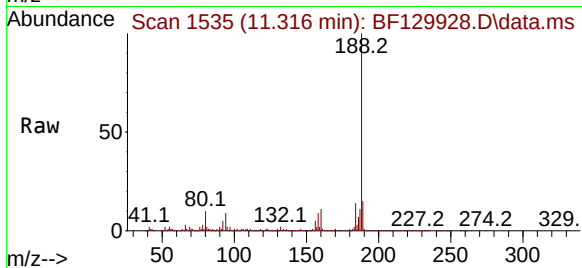




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.316 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF129928.D
Acq: 20 Aug 2022 01:19

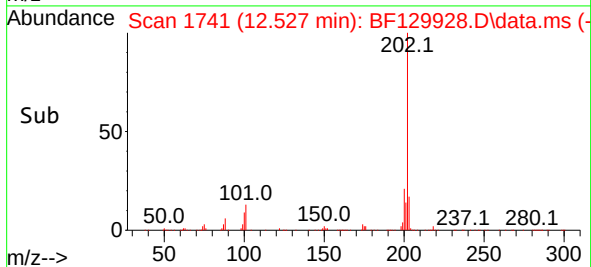
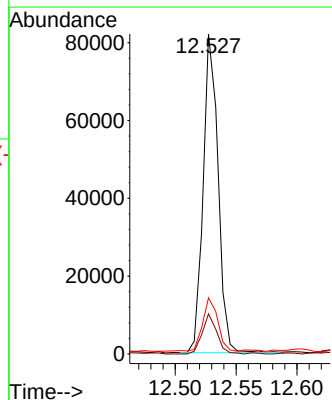
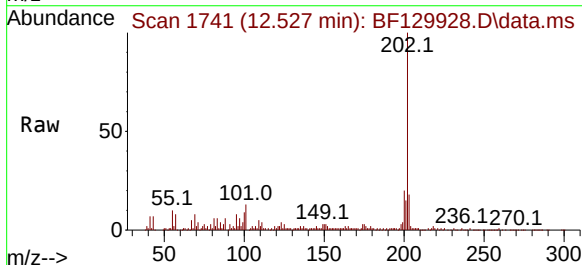
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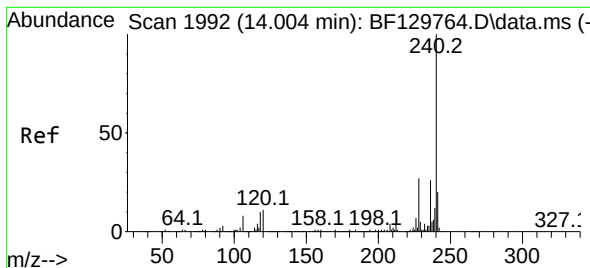
Tgt Ion:188 Resp: 535652
Ion Ratio Lower Upper
188 100
94 9.0 7.4 11.2
80 9.5 7.9 11.9



#75
Fluoranthene
Concen: 2.287 ng
RT: 12.527 min Scan# 1741
Delta R.T. -0.006 min
Lab File: BF129928.D
Acq: 20 Aug 2022 01:19

Tgt Ion:202 Resp: 70010
Ion Ratio Lower Upper
202 100
101 12.5 0.0 30.7
203 17.6 0.0 37.5





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.957 min Scan# 1992

Delta R.T. -0.006 min

Lab File: BF129928.D

Acq: 20 Aug 2022 01:19

Instrument :

BNA_F

ClientSampleId :

TP3-0816

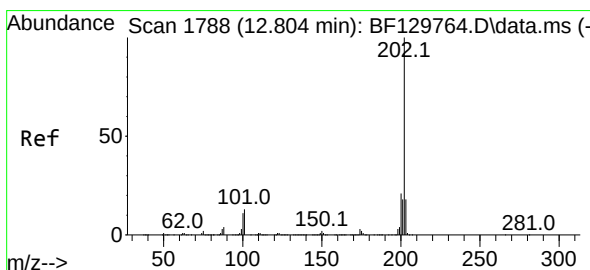
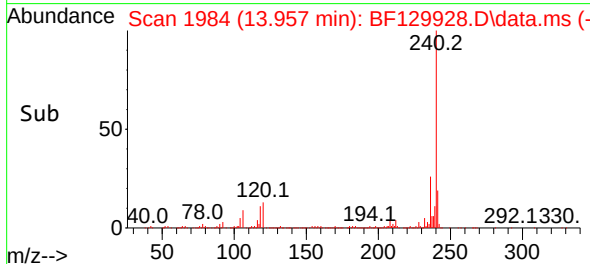
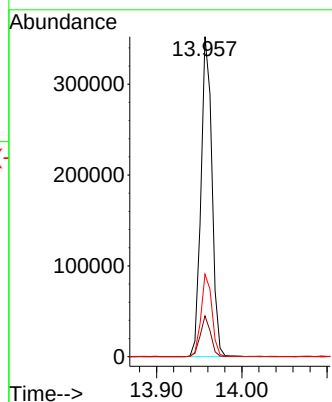
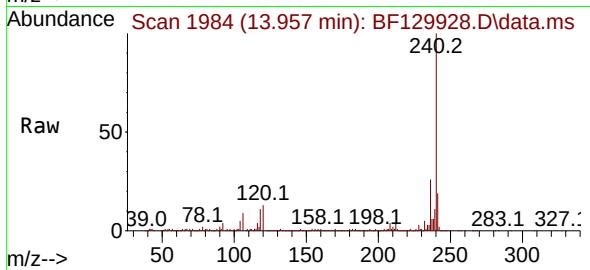
Tgt Ion:240 Resp: 315170

Ion Ratio Lower Upper

240 100

120 12.7 9.2 13.8

236 25.7 20.7 31.1



#78

Pyrene

Concen: 2.224 ng

RT: 12.757 min Scan# 1780

Delta R.T. -0.006 min

Lab File: BF129928.D

Acq: 20 Aug 2022 01:19

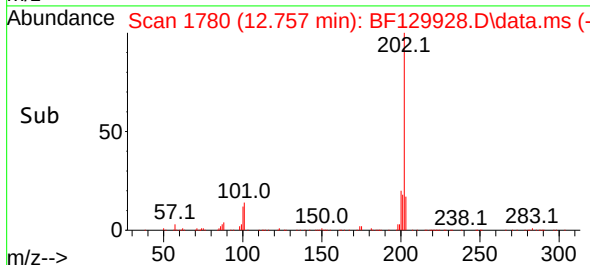
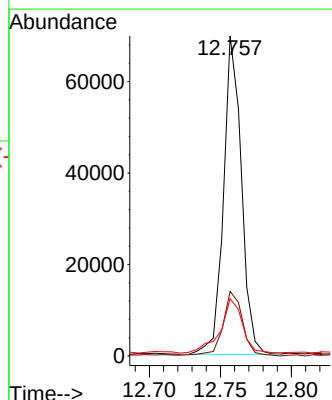
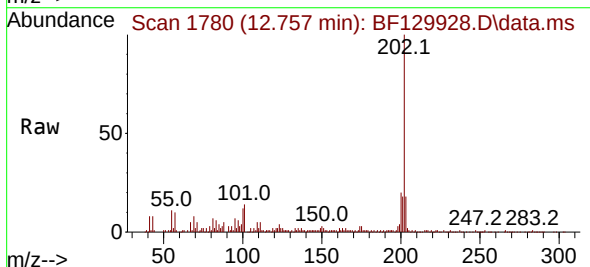
Tgt Ion:202 Resp: 60917

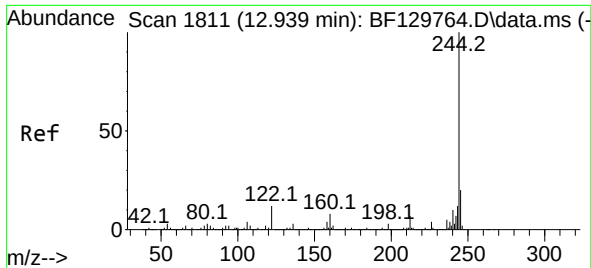
Ion Ratio Lower Upper

202 100

200 20.2 17.0 25.6

203 17.9 14.1 21.1

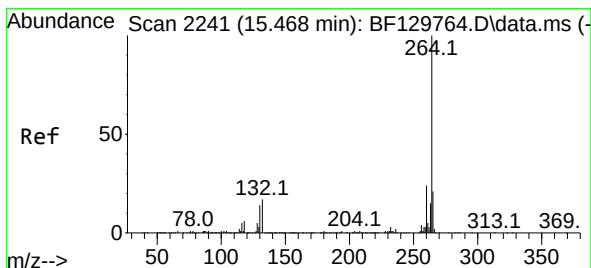
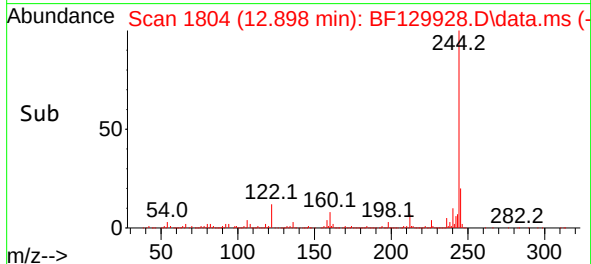
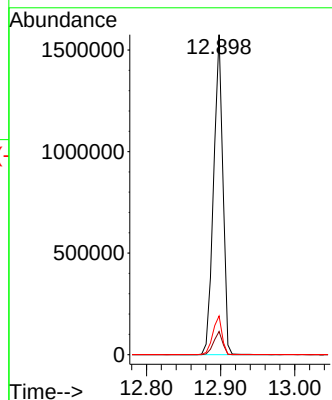
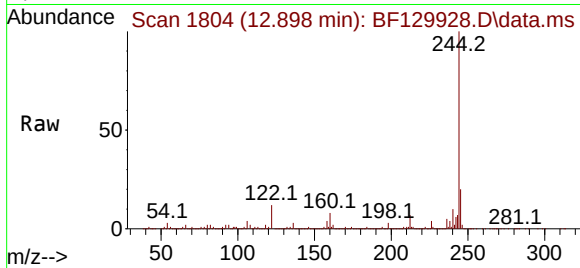




#79
 Terphenyl-d14
 Concen: 72.065 ng
 RT: 12.898 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: BF129928.D
 Acq: 20 Aug 2022 01:19

Instrument :
 BNA_F
 ClientSampleId :
 TP3-0816

Tgt Ion:244 Resp: 1364994
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.9 8.9
 122 12.1 9.9 14.9



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.415 min Scan# 2232
 Delta R.T. 0.000 min
 Lab File: BF129928.D
 Acq: 20 Aug 2022 01:19

Tgt Ion:264 Resp: 271538
 Ion Ratio Lower Upper
 264 100
 260 24.2 19.1 28.7
 265 22.0 16.7 25.1

