

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081922\
 Data File : BF129907.D
 Acq On : 19 Aug 2022 12:29
 Operator : CG\JU
 Sample : N4217-10
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP4-0815

Quant Time: Aug 20 07:42:24 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	112541	20.000	ng	0.00
21) Naphthalene-d8	8.075	136	446387	20.000	ng	0.00
39) Acenaphthene-d10	9.833	164	229121	20.000	ng	0.00
64) Phenanthrene-d10	11.322	188	338453	20.000	ng	0.00
76) Chrysene-d12	13.974	240	196473	20.000	ng	0.00
86) Perylene-d12	15.433	264	247598	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.434	112	705631	103.812	ng	0.00
7) Phenol-d6	6.451	99	898931	105.608	ng	0.00
23) Nitrobenzene-d5	7.357	82	528714	63.405	ng	-0.01
42) 2,4,6-Tribromophenol	10.628	330	212833	92.553	ng	0.00
45) 2-Fluorobiphenyl	9.151	172	988741	65.542	ng	0.00
79) Terphenyl-d14	12.904	244	720985	61.060	ng	0.00

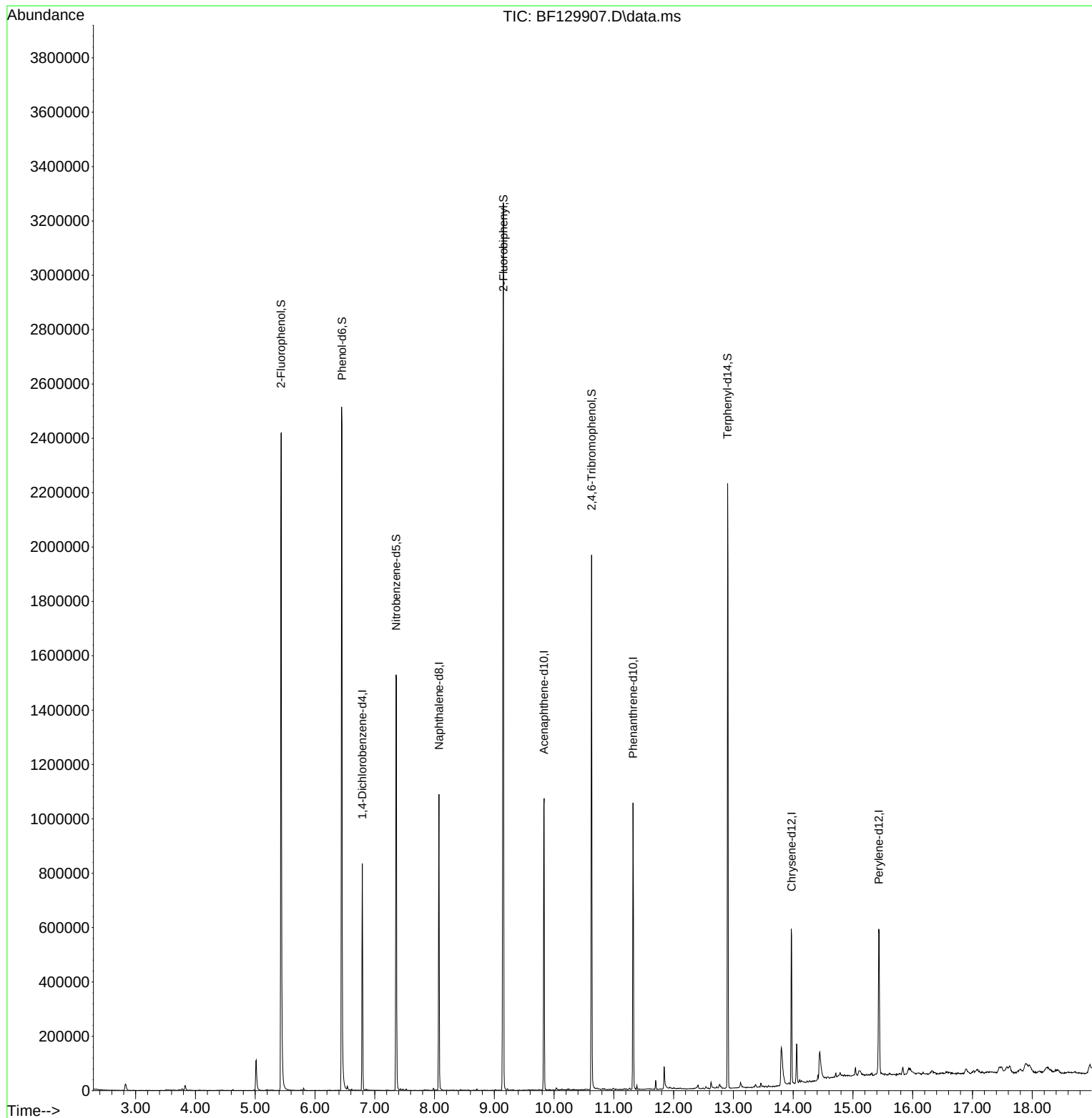
Target Compounds	Qvalue

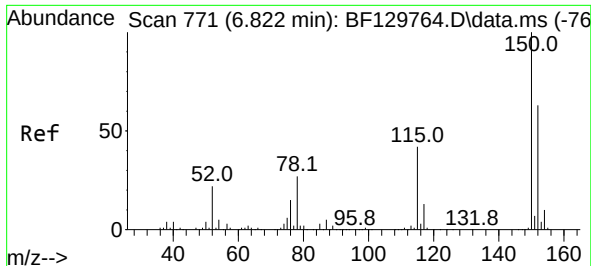
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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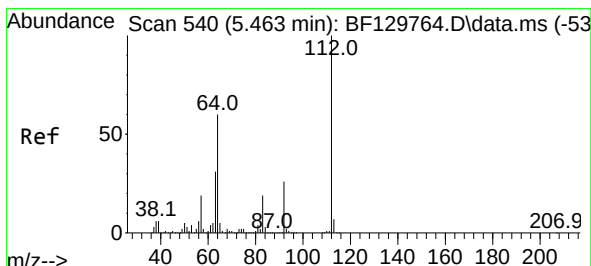
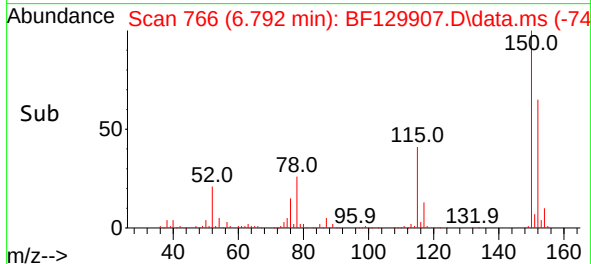
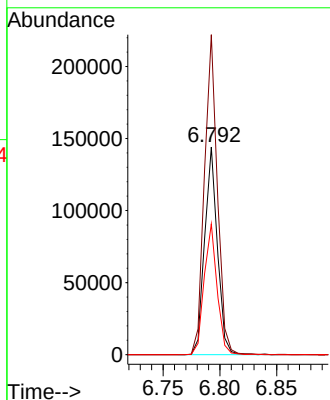
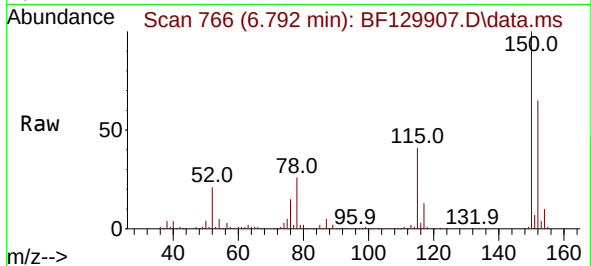




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.792 min Scan# 70
 Delta R.T. 0.000 min
 Lab File: BF129907.D
 Acq: 19 Aug 2022 12:29

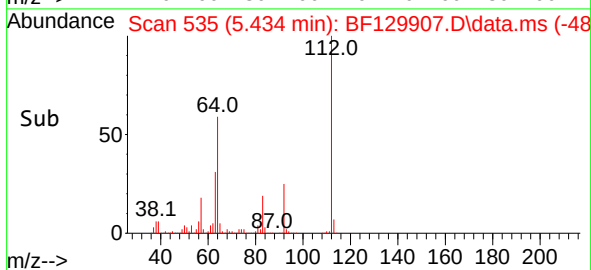
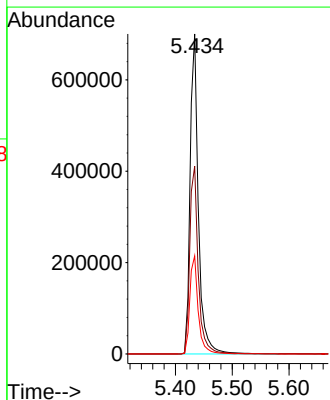
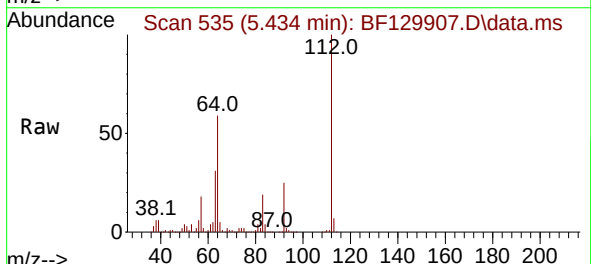
Instrument :
 BNA_F
 ClientSampleId :
 TP4-0815

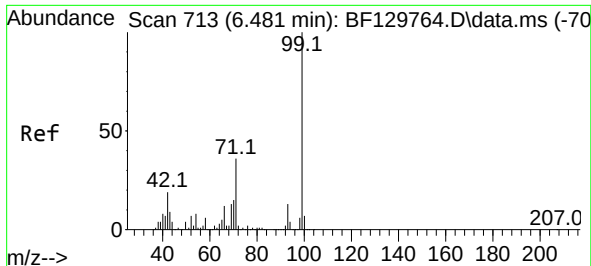
Tgt Ion:152 Resp: 112541
 Ion Ratio Lower Upper
 152 100
 150 154.1 126.9 190.3
 115 63.0 53.4 80.0



#5
 2-Fluorophenol
 Concen: 103.812 ng
 RT: 5.434 min Scan# 535
 Delta R.T. 0.006 min
 Lab File: BF129907.D
 Acq: 19 Aug 2022 12:29

Tgt Ion:112 Resp: 705631
 Ion Ratio Lower Upper
 112 100
 64 58.7 47.6 71.4
 63 30.6 24.6 37.0

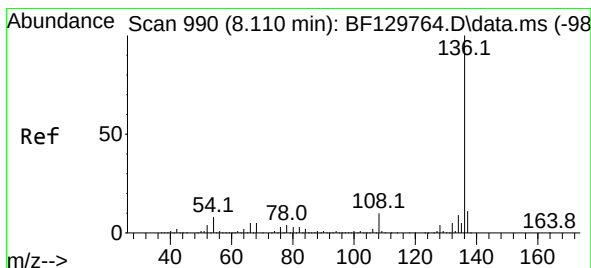
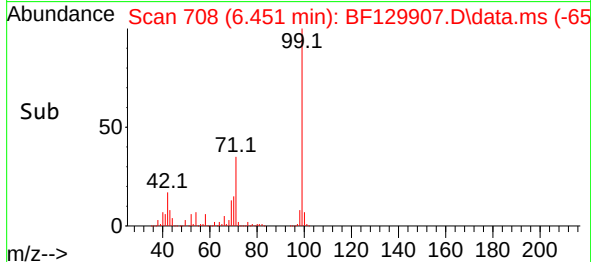
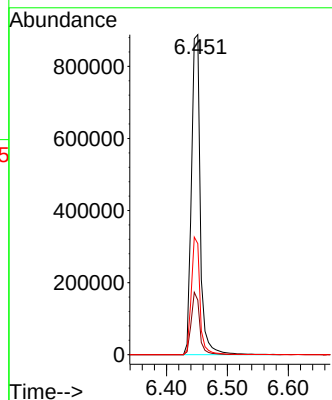
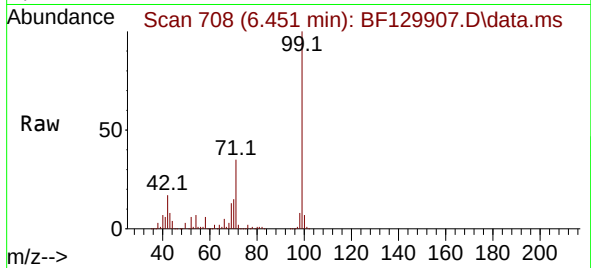




#7
Phenol-d6
Concen: 105.608 ng
RT: 6.451 min Scan# 70
Delta R.T. 0.000 min
Lab File: BF129907.D
Acq: 19 Aug 2022 12:29

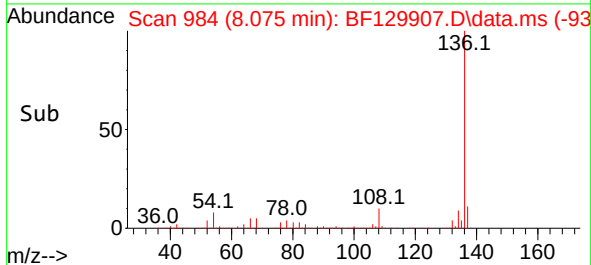
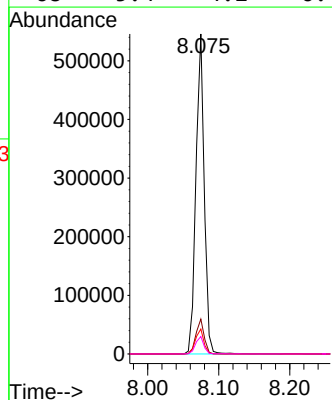
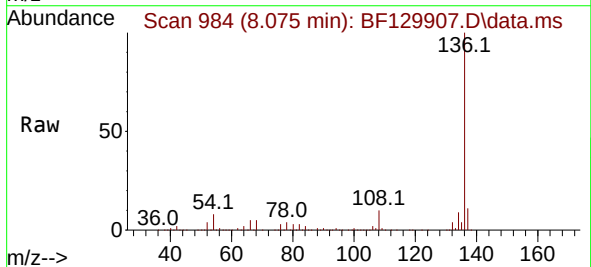
Instrument :
BNA_F
ClientSampleId :
TP4-0815

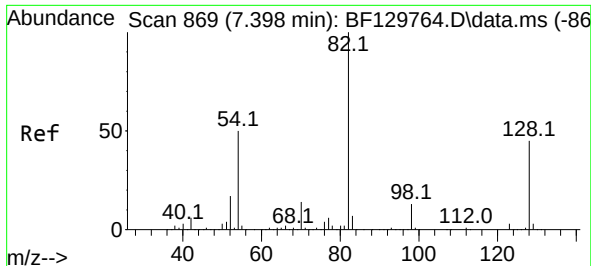
Tgt Ion: 99 Resp: 898931
Ion Ratio Lower Upper
99 100
42 17.1 15.0 22.4
71 34.7 28.8 43.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.075 min Scan# 984
Delta R.T. -0.006 min
Lab File: BF129907.D
Acq: 19 Aug 2022 12:29

Tgt Ion: 136 Resp: 446387
Ion Ratio Lower Upper
136 100
137 10.9 8.4 12.6
54 7.8 6.2 9.2
68 5.4 4.2 6.4

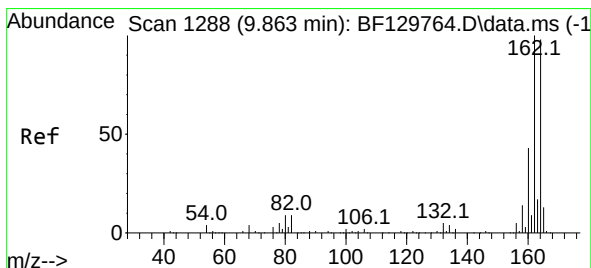
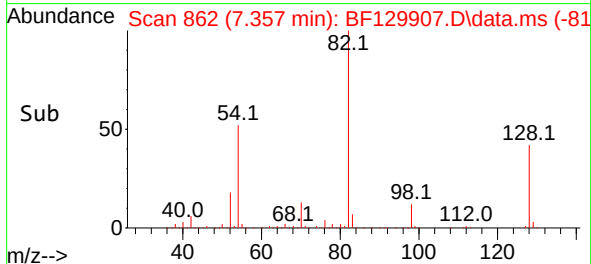
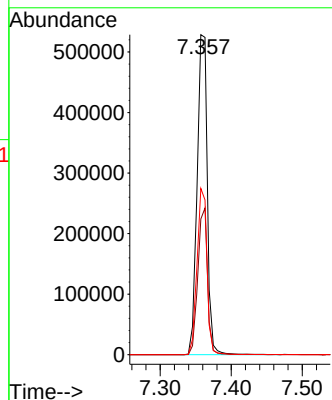
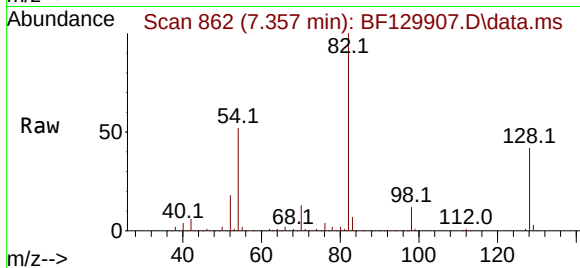




#23
Nitrobenzene-d5
Concen: 63.405 ng
RT: 7.357 min Scan# 81
Delta R.T. -0.012 min
Lab File: BF129907.D
Acq: 19 Aug 2022 12:29

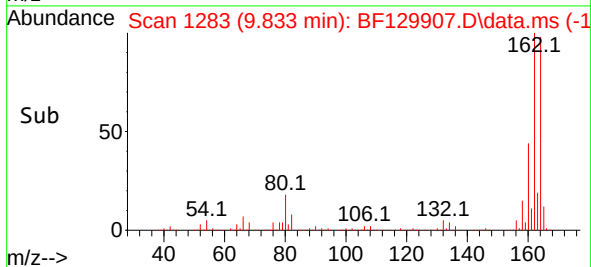
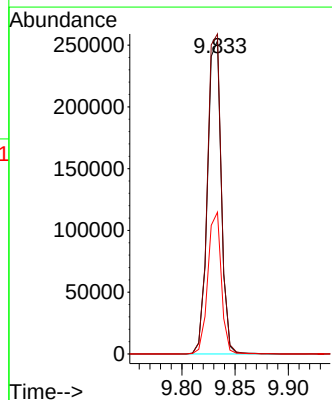
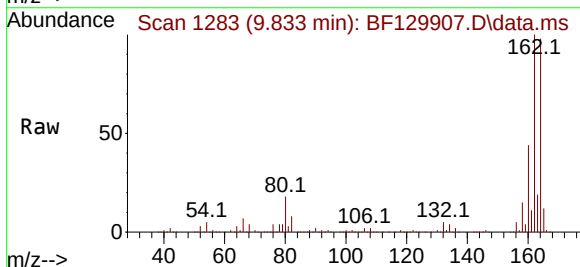
Instrument :
BNA_F
ClientSampleId :
TP4-0815

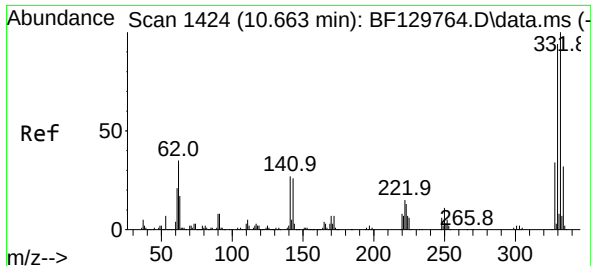
Tgt Ion: 82 Resp: 528714
Ion Ratio Lower Upper
82 100
128 42.4 36.1 54.1
54 52.0 40.0 60.0



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.833 min Scan# 1283
Delta R.T. 0.000 min
Lab File: BF129907.D
Acq: 19 Aug 2022 12:29

Tgt Ion:164 Resp: 229121
Ion Ratio Lower Upper
164 100
162 102.1 82.0 123.0
160 45.2 35.4 53.0





#42

2,4,6-Tribromophenol

Concen: 92.553 ng

RT: 10.628 min Scan# 1424

Delta R.T. 0.000 min

Lab File: BF129907.D

Acq: 19 Aug 2022 12:29

Instrument :

BNA_F

ClientSampleId :

TP4-0815

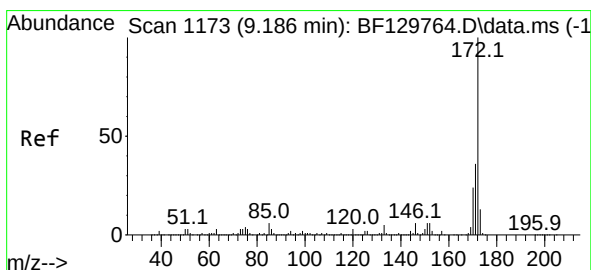
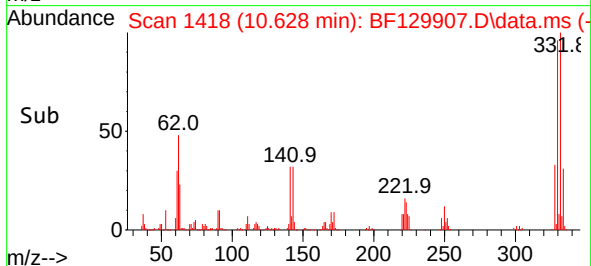
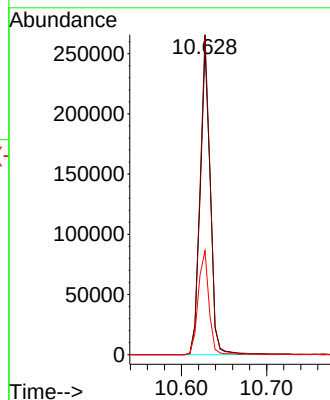
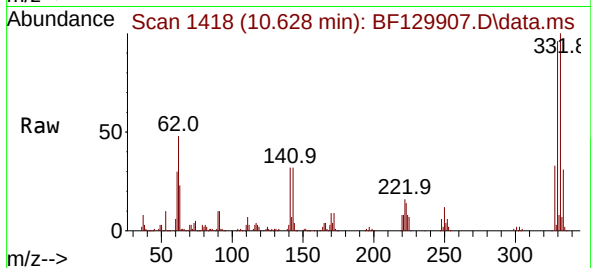
Tgt Ion:330 Resp: 212833

Ion Ratio Lower Upper

330 100

332 102.9 82.6 124.0

141 35.5 27.6 41.4



#45

2-Fluorobiphenyl

Concen: 65.542 ng

RT: 9.151 min Scan# 1167

Delta R.T. 0.000 min

Lab File: BF129907.D

Acq: 19 Aug 2022 12:29

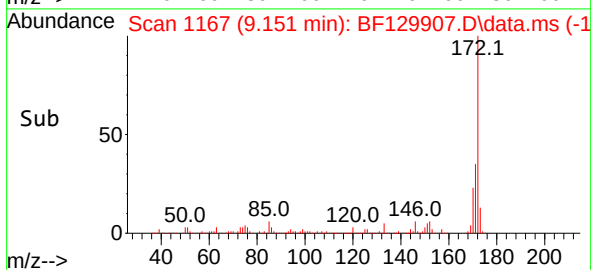
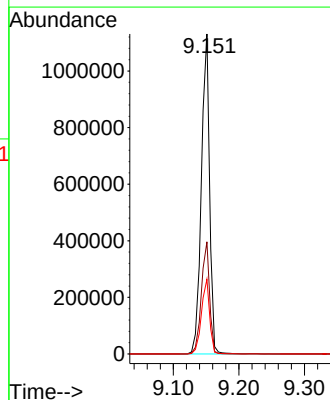
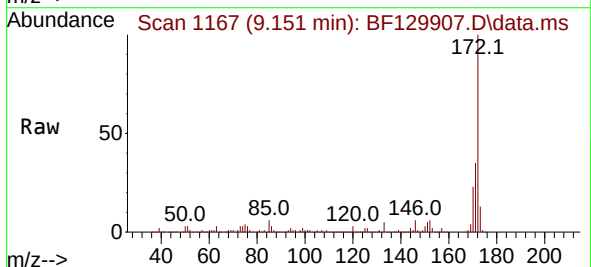
Tgt Ion:172 Resp: 988741

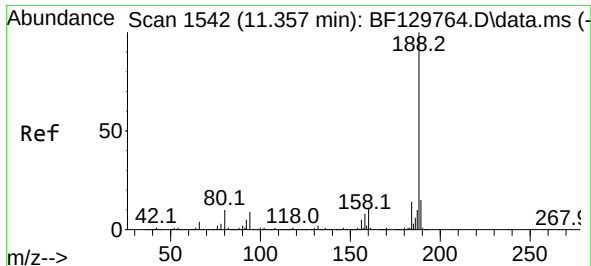
Ion Ratio Lower Upper

172 100

171 35.1 28.4 42.6

170 23.4 19.1 28.7

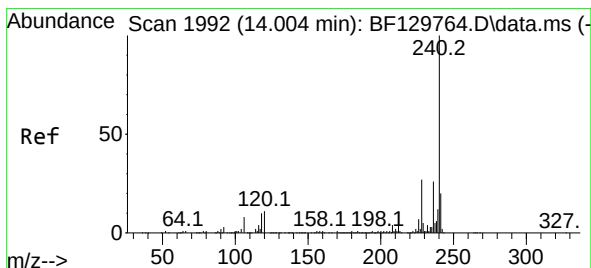
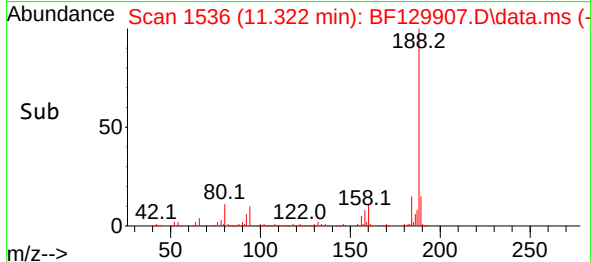
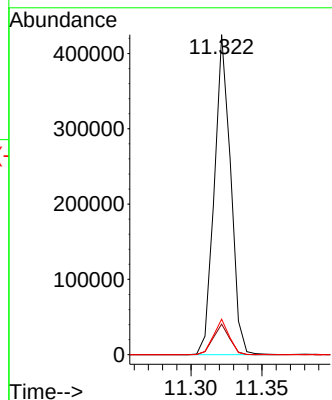
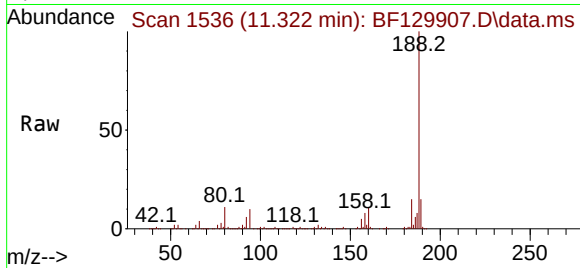




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.322 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF129907.D
Acq: 19 Aug 2022 12:29

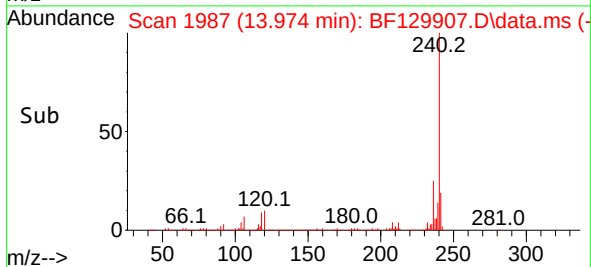
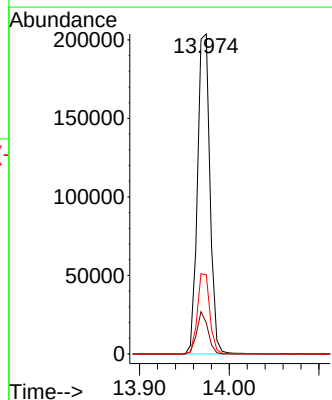
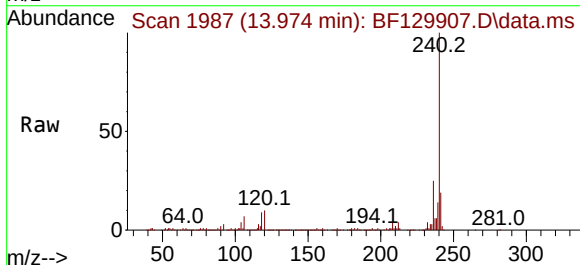
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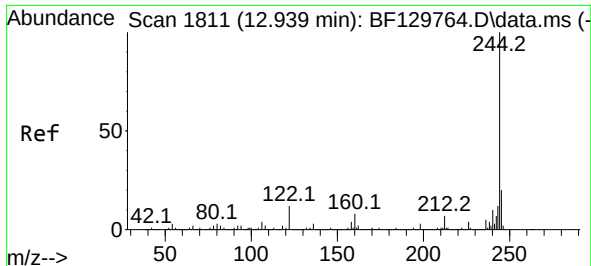
Tgt Ion:188 Resp: 338453
Ion Ratio Lower Upper
188 100
94 9.6 7.4 11.2
80 11.1 7.9 11.9



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.974 min Scan# 1987
Delta R.T. 0.000 min
Lab File: BF129907.D
Acq: 19 Aug 2022 12:29

Tgt Ion:240 Resp: 196473
Ion Ratio Lower Upper
240 100
120 9.7 9.2 13.8
236 24.8 20.7 31.1

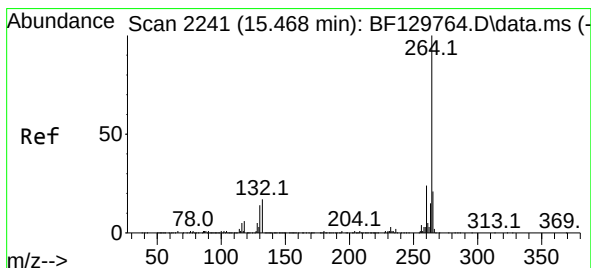
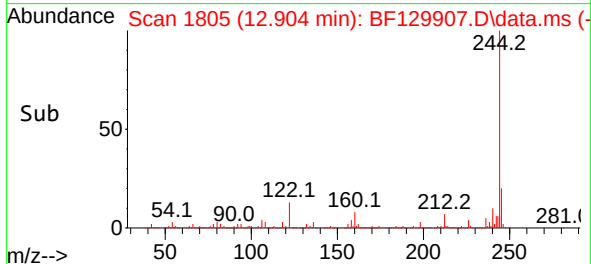
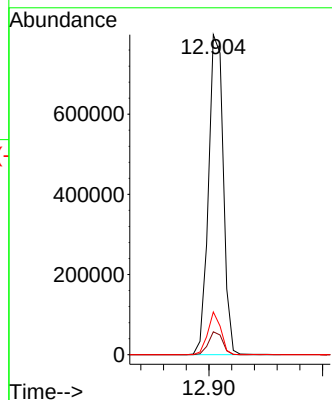
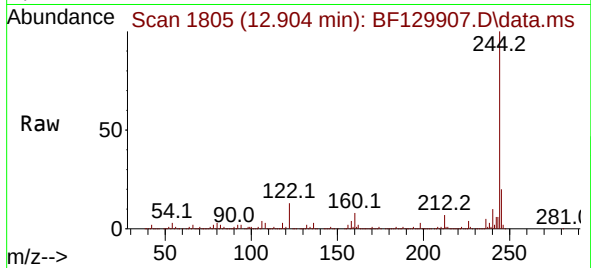




#79
 Terphenyl-d14
 Concen: 61.060 ng
 RT: 12.904 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF129907.D
 Acq: 19 Aug 2022 12:29

Instrument :
 BNA_F
 ClientSampleId :
 TP4-0815

Tgt Ion:244 Resp: 720985
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.9 8.9
 122 13.4 9.9 14.9



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.433 min Scan# 2235
 Delta R.T. 0.006 min
 Lab File: BF129907.D
 Acq: 19 Aug 2022 12:29

Tgt Ion:264 Resp: 247598
 Ion Ratio Lower Upper
 264 100
 260 23.4 19.1 28.7
 265 21.5 16.7 25.1

