

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081622\
 Data File : BF129821.D
 Acq On : 16 Aug 2022 20:46
 Operator : CG\JU
 Sample : N4188-10
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S15

Quant Time: Aug 17 02:38:01 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 15 02:28:31 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.822	152	141169	20.000	ng	0.00
21) Naphthalene-d8	8.104	136	570698	20.000	ng	0.00
39) Acenaphthene-d10	9.857	164	300297	20.000	ng	0.00
64) Phenanthrene-d10	11.351	188	491626	20.000	ng	0.00
76) Chrysene-d12	13.998	240	256068	20.000	ng	0.00
86) Perylene-d12	15.468	264	271348	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.463	112	988140	115.894	ng	0.00
7) Phenol-d6	6.475	99	1243840	116.495	ng	0.00
23) Nitrobenzene-d5	7.387	82	789473	74.053	ng	-0.01
42) 2,4,6-Tribromophenol	10.657	330	320566	106.361	ng	0.00
45) 2-Fluorobiphenyl	9.175	172	1391268	70.366	ng	-0.01
79) Terphenyl-d14	12.933	244	1186262	77.084	ng	0.00

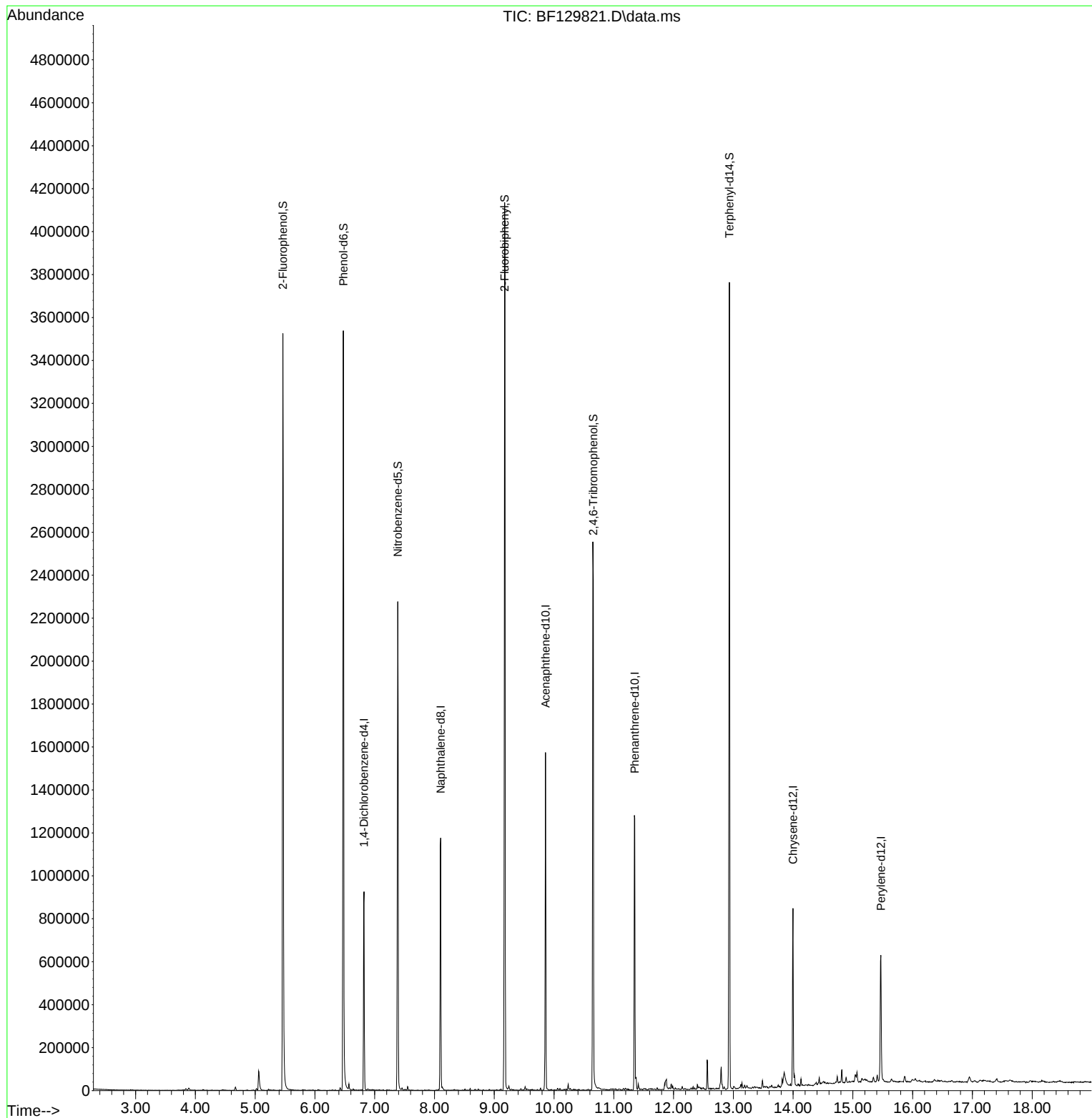
Target Compounds	Qvalue

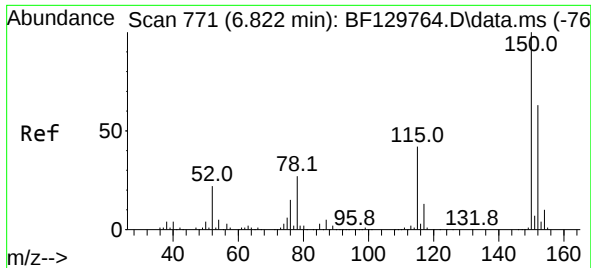
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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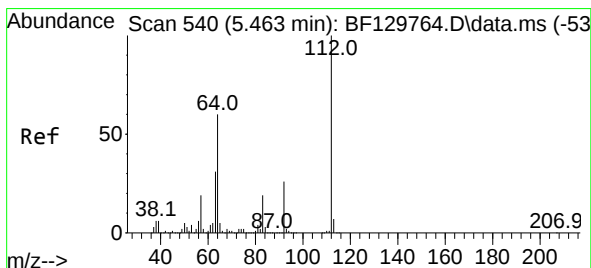
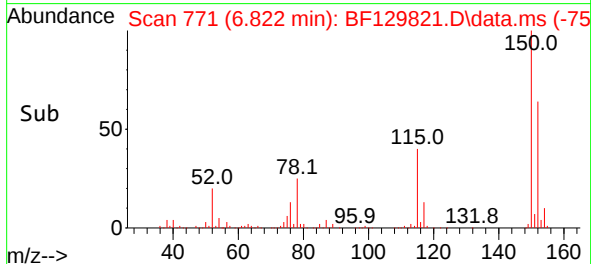
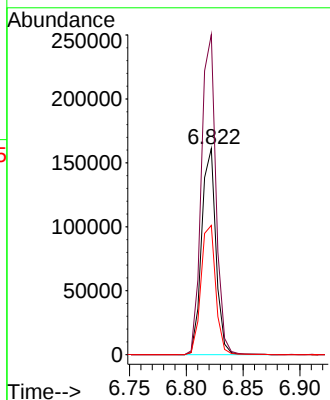
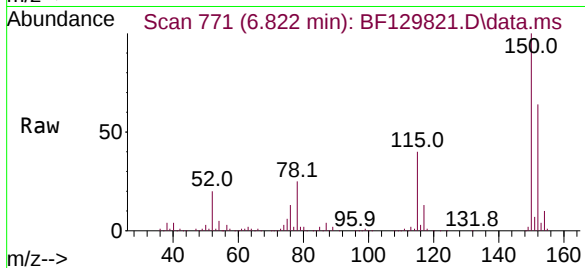




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.822 min Scan# 771
Delta R.T. -0.000 min
Lab File: BF129821.D
Acq: 16 Aug 2022 20:46

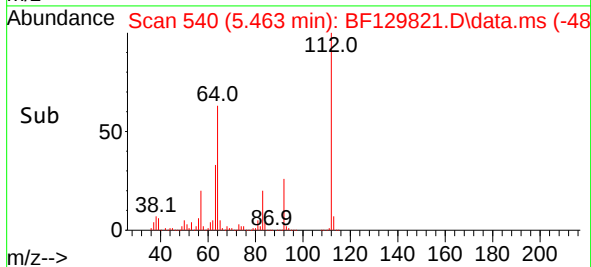
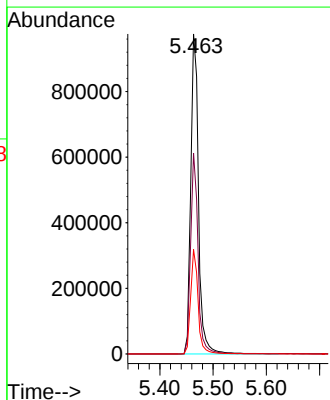
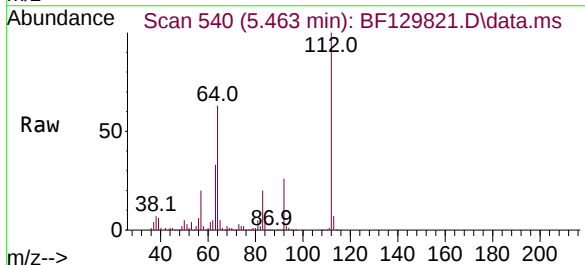
Instrument :
BNA_F
ClientSampleId :
S15

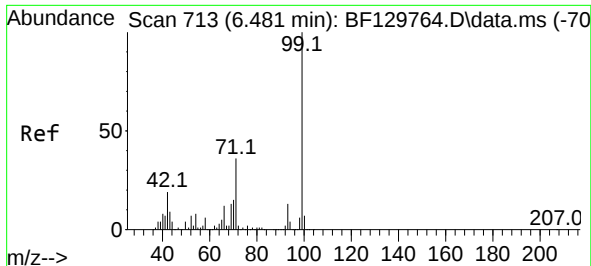
Tgt Ion:152 Resp: 141169
Ion Ratio Lower Upper
152 100
150 155.4 126.9 190.3
115 62.8 53.4 80.0



#5
2-Fluorophenol
Concen: 115.894 ng
RT: 5.463 min Scan# 540
Delta R.T. -0.000 min
Lab File: BF129821.D
Acq: 16 Aug 2022 20:46

Tgt Ion:112 Resp: 988140
Ion Ratio Lower Upper
112 100
64 62.8 47.6 71.4
63 32.6 24.6 37.0

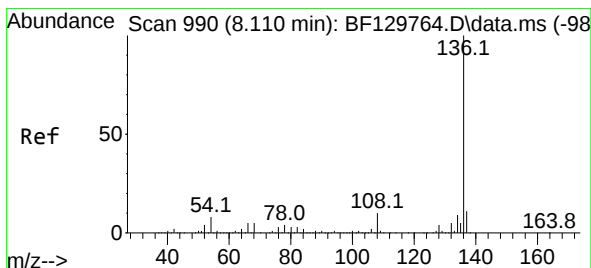
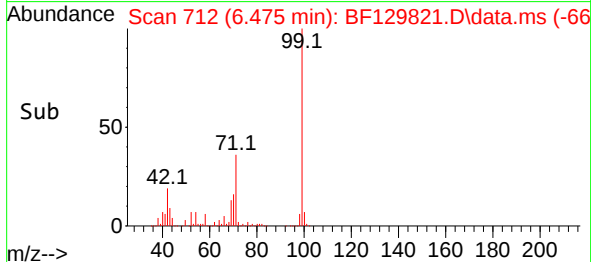
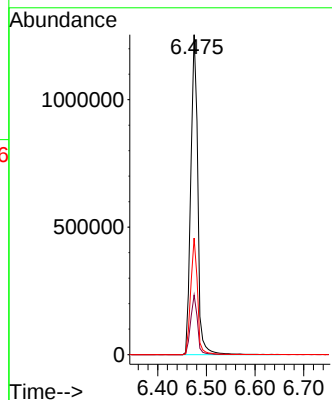
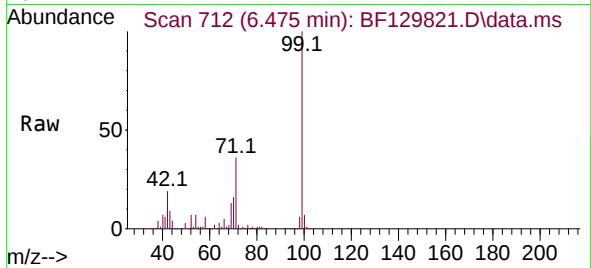




#7
Phenol-d6
Concen: 116.495 ng
RT: 6.475 min Scan# 713
Delta R.T. -0.006 min
Lab File: BF129821.D
Acq: 16 Aug 2022 20:46

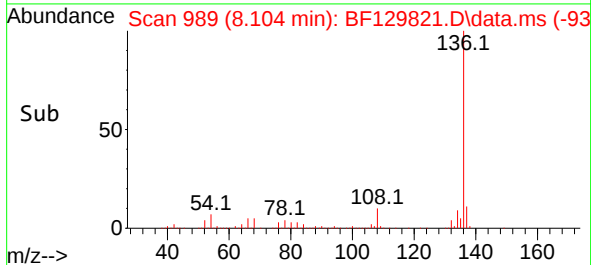
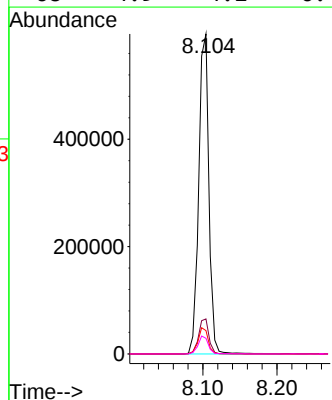
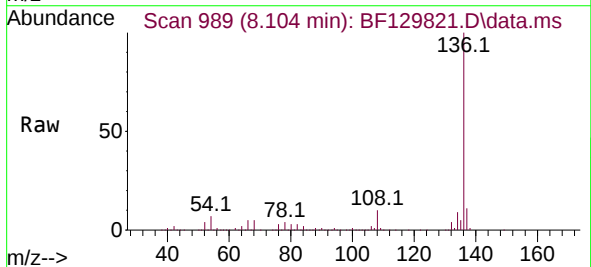
Instrument :
BNA_F
ClientSampleId :
S15

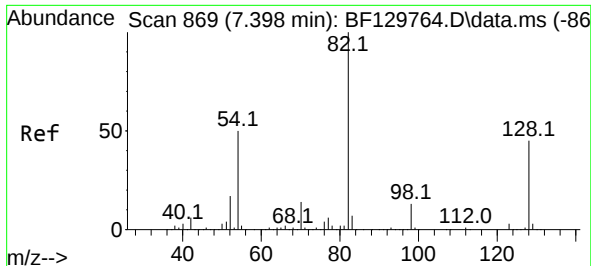
Tgt Ion: 99 Resp: 1243840
Ion Ratio Lower Upper
99 100
42 18.6 15.0 22.4
71 36.4 28.8 43.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.104 min Scan# 989
Delta R.T. -0.006 min
Lab File: BF129821.D
Acq: 16 Aug 2022 20:46

Tgt Ion: 136 Resp: 570698
Ion Ratio Lower Upper
136 100
137 10.9 8.4 12.6
54 7.3 6.2 9.2
68 4.9 4.2 6.4

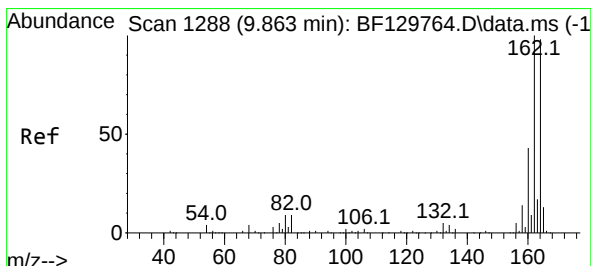
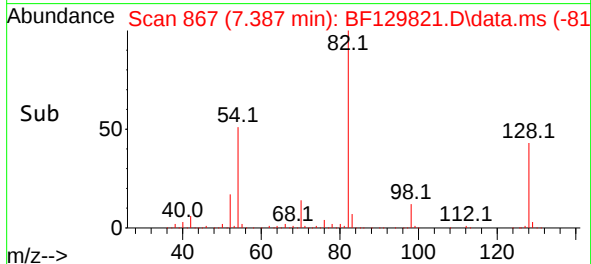
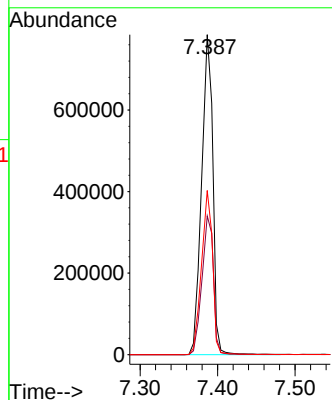
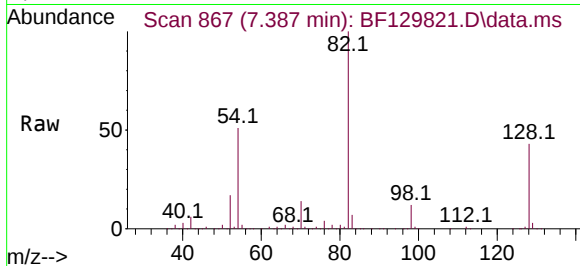




#23
Nitrobenzene-d5
Concen: 74.053 ng
RT: 7.387 min Scan# 80
Delta R.T. -0.012 min
Lab File: BF129821.D
Acq: 16 Aug 2022 20:46

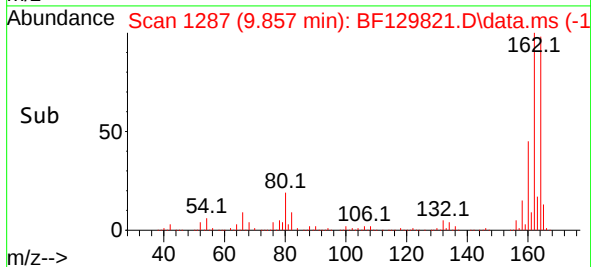
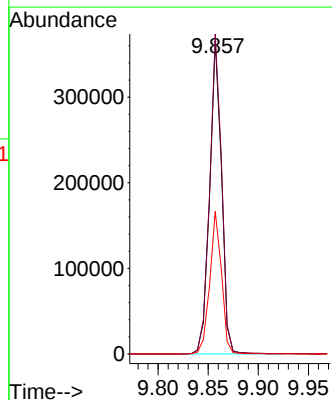
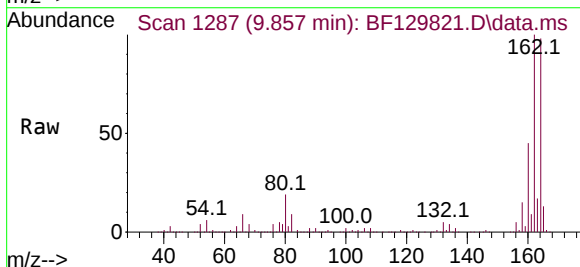
Instrument :
BNA_F
ClientSampleId :
S15

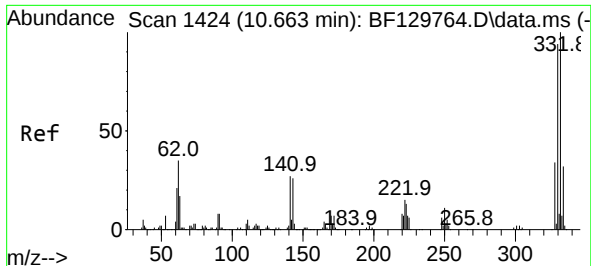
Tgt Ion: 82 Resp: 789473
Ion Ratio Lower Upper
82 100
128 43.3 36.1 54.1
54 51.3 40.0 60.0



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.857 min Scan# 1287
Delta R.T. -0.006 min
Lab File: BF129821.D
Acq: 16 Aug 2022 20:46

Tgt Ion:164 Resp: 300297
Ion Ratio Lower Upper
164 100
162 102.2 82.0 123.0
160 45.5 35.4 53.0





#42

2,4,6-Tribromophenol

Concen: 106.361 ng

RT: 10.657 min Scan# 1423

Delta R.T. -0.006 min

Lab File: BF129821.D

Acq: 16 Aug 2022 20:46

Instrument :

BNA_F

ClientSampleId :

S15

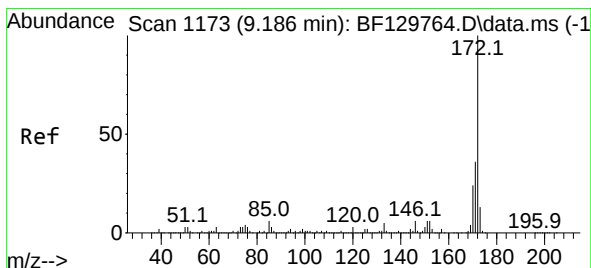
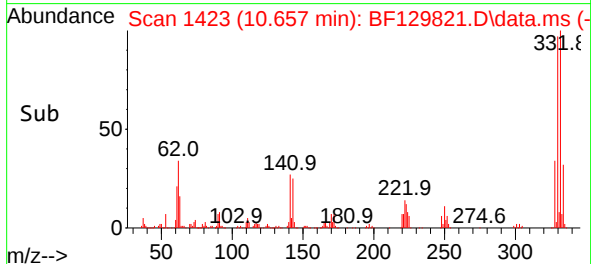
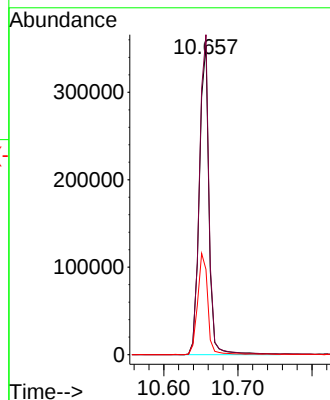
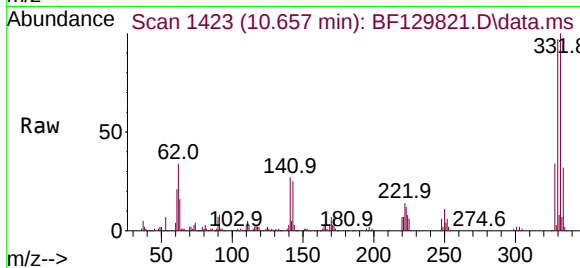
Tgt Ion:330 Resp: 320566

Ion Ratio Lower Upper

330 100

332 103.9 82.6 124.0

141 34.3 27.6 41.4



#45

2-Fluorobiphenyl

Concen: 70.366 ng

RT: 9.175 min Scan# 1171

Delta R.T. -0.012 min

Lab File: BF129821.D

Acq: 16 Aug 2022 20:46

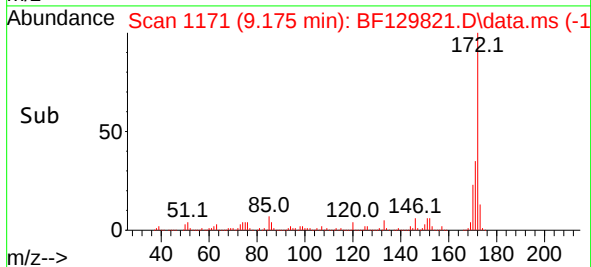
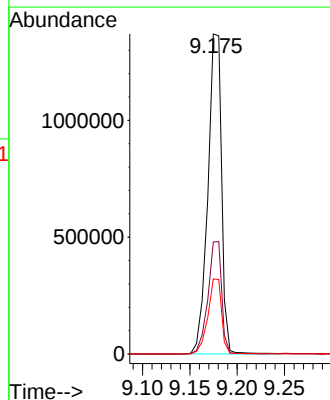
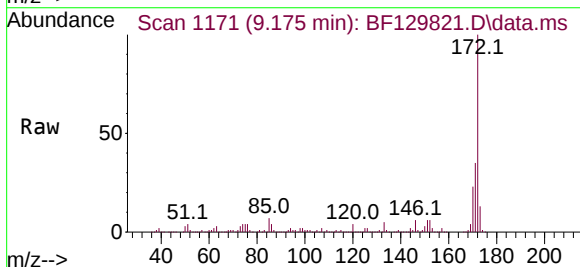
Tgt Ion:172 Resp: 1391268

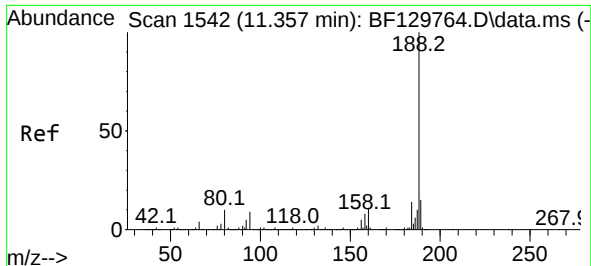
Ion Ratio Lower Upper

172 100

171 35.0 28.4 42.6

170 23.4 19.1 28.7

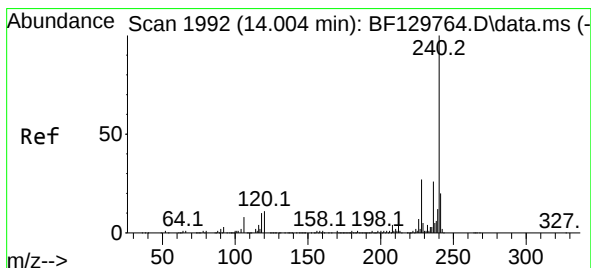
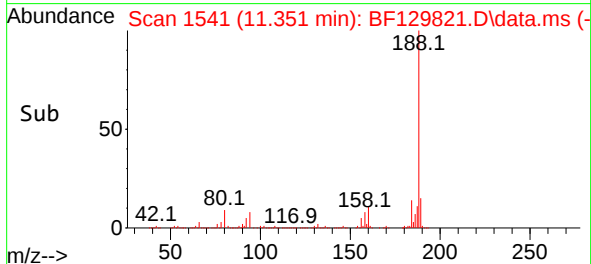
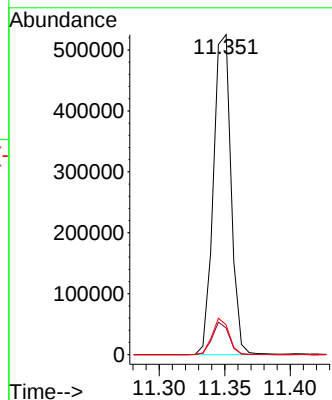
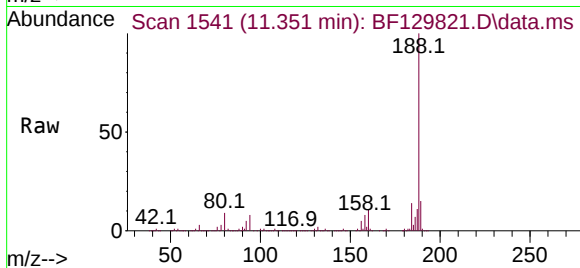




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.351 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF129821.D
Acq: 16 Aug 2022 20:46

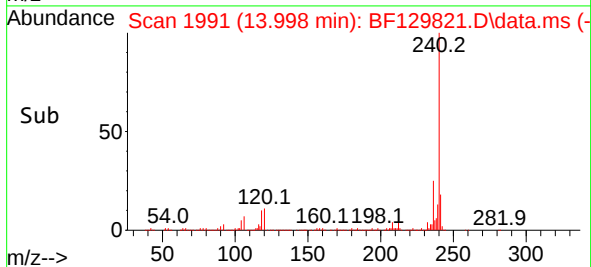
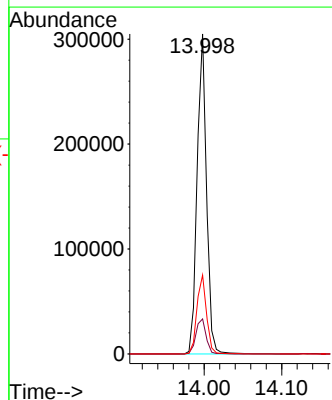
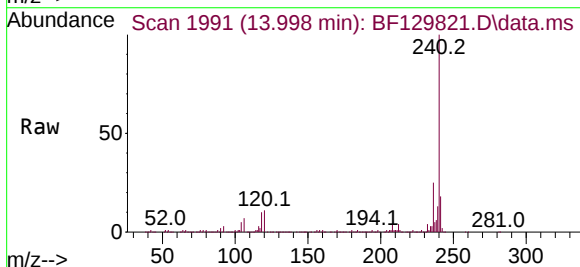
Instrument :
BNA_F
ClientSampleId :
S15

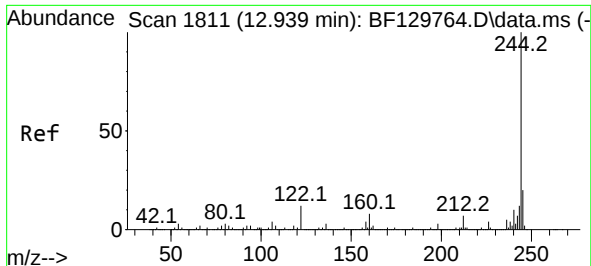
Tgt Ion:188 Resp: 491626
Ion Ratio Lower Upper
188 100
94 8.3 7.4 11.2
80 9.3 7.9 11.9



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.998 min Scan# 1991
Delta R.T. -0.006 min
Lab File: BF129821.D
Acq: 16 Aug 2022 20:46

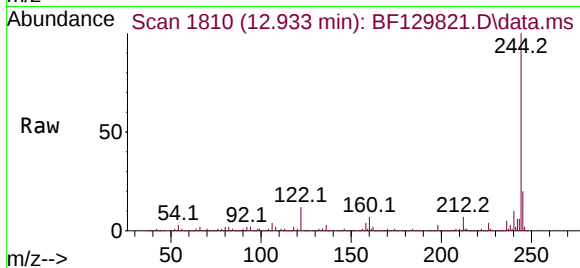
Tgt Ion:240 Resp: 256068
Ion Ratio Lower Upper
240 100
120 10.9 9.2 13.8
236 24.6 20.7 31.1





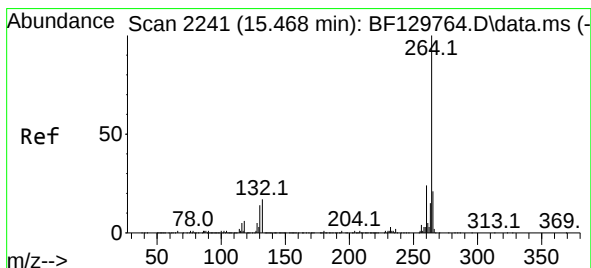
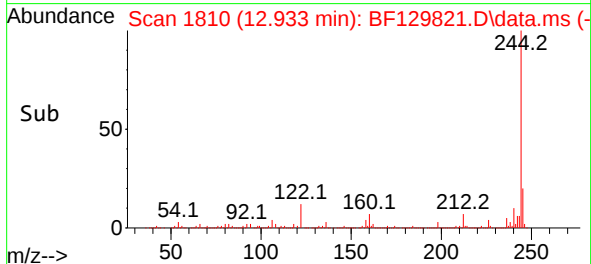
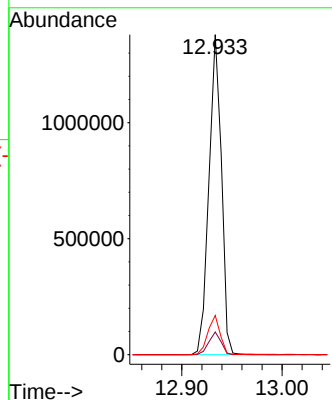
#79
 Terphenyl-d14
 Concen: 77.084 ng
 RT: 12.933 min Scan# 1811
 Delta R.T. -0.006 min
 Lab File: BF129821.D
 Acq: 16 Aug 2022 20:46

Instrument :
 BNA_F
 ClientSampleId :
 S15



Tgt Ion:244 Resp: 1186262

Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.9	8.9
122	12.2	9.9	14.9



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.468 min Scan# 2241
 Delta R.T. -0.000 min
 Lab File: BF129821.D
 Acq: 16 Aug 2022 20:46

Tgt Ion:264 Resp: 271348

Ion	Ratio	Lower	Upper
264	100		
260	22.6	19.1	28.7
265	20.5	16.7	25.1

