

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022522\
 Data File : BF127072.D
 Acq On : 25 Feb 2022 15:49
 Operator : CG\JU
 Sample : N1657-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 GROUP-1

Quant Time: Feb 26 01:39:21 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF021622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 24 02:10:57 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.904	152	69453	20.000	ng	0.00
21) Naphthalene-d8	8.187	136	279007	20.000	ng	# 0.00
39) Acenaphthene-d10	9.945	164	142480	20.000	ng	0.00
64) Phenanthrene-d10	11.433	188	255483	20.000	ng	#-0.01
76) Chrysene-d12	14.080	240	132912	20.000	ng	# 0.00
86) Perylene-d12	15.580	264	122573	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.528	112	415564	92.478	ng	0.00
7) Phenol-d6	6.528	99	636236	104.928	ng	-0.01
23) Nitrobenzene-d5	7.463	82	497428	80.473	ng	-0.01
42) 2,4,6-Tribromophenol	10.739	330	248657	151.577	ng	0.00
45) 2-Fluorobiphenyl	9.263	172	913748	94.412	ng	0.00
79) Terphenyl-d14	13.027	244	1256787	139.004	ng	0.00

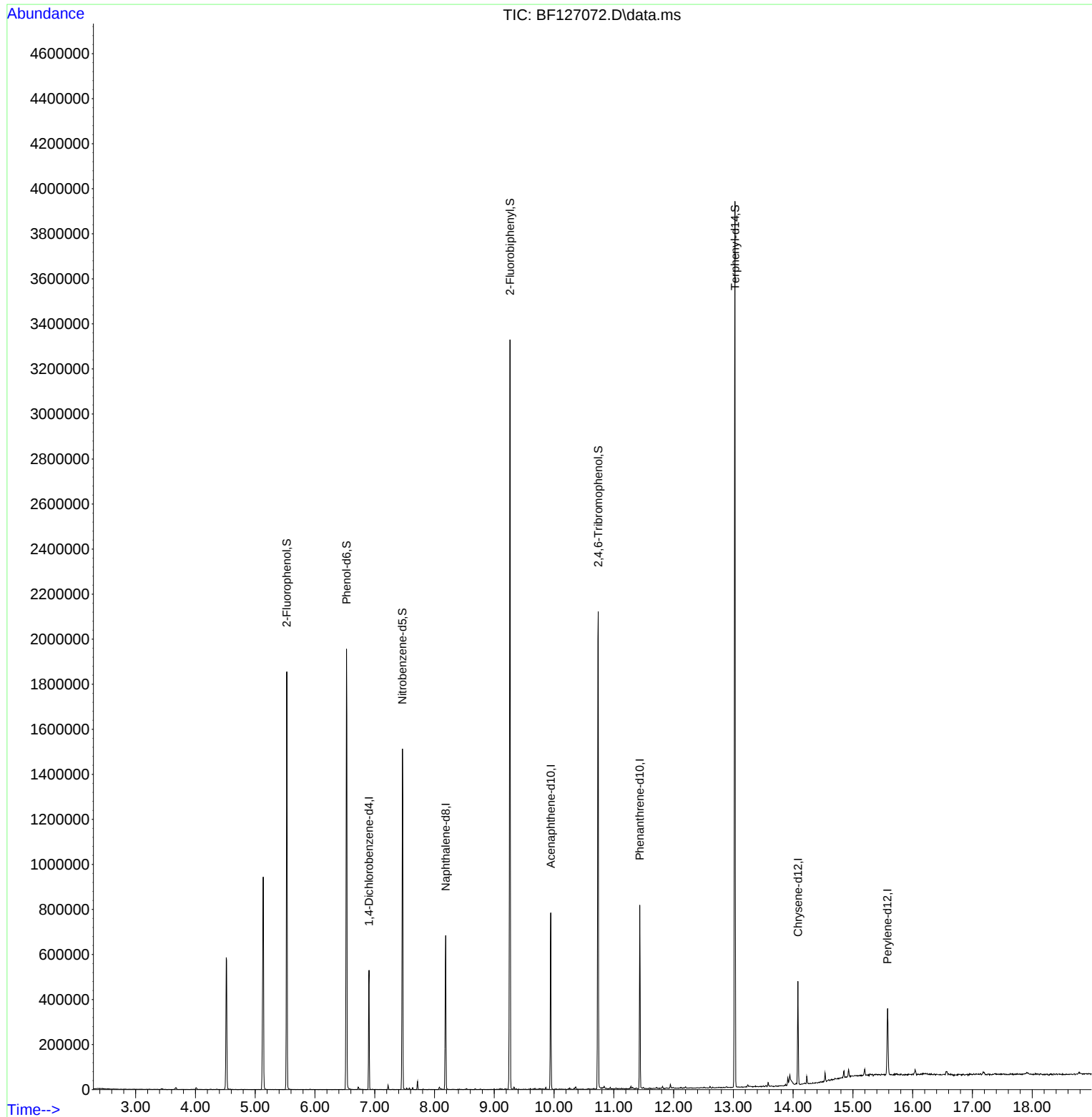
Target Compounds	Qvalue

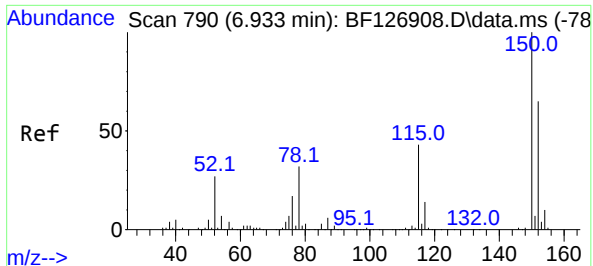
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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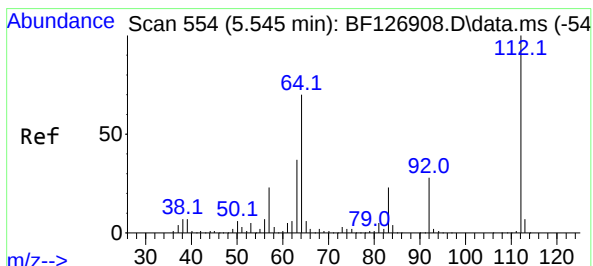
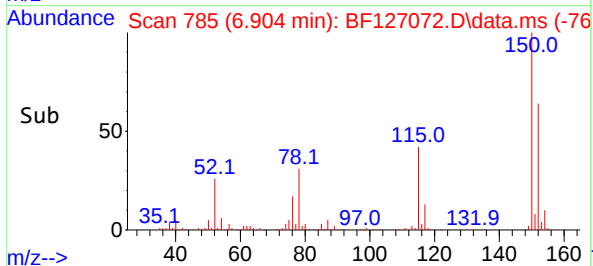
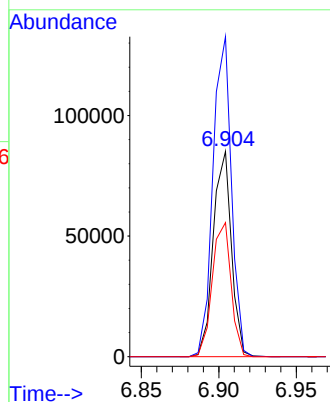
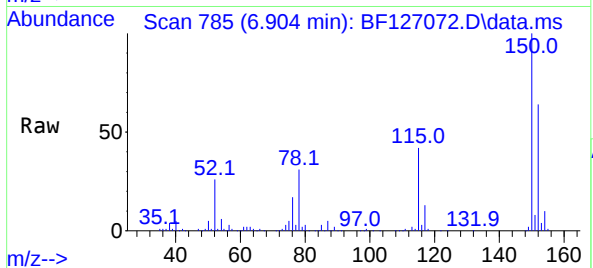




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.904 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF127072.D
Acq: 25 Feb 2022 15:49

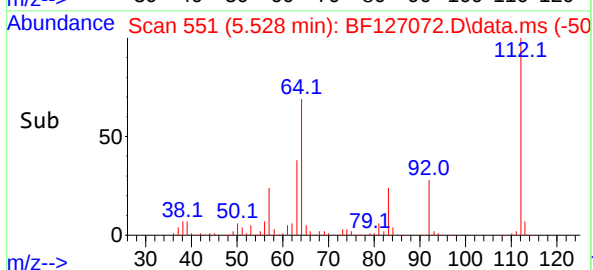
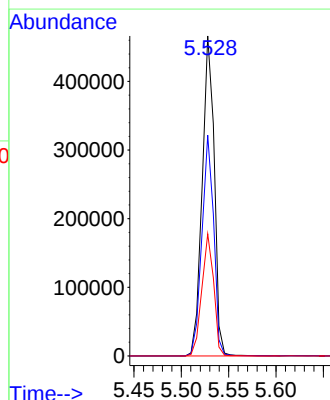
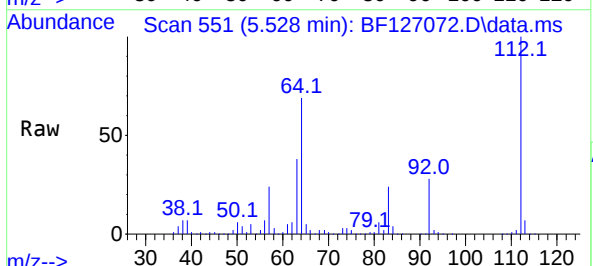
Instrument :
BNA_F
ClientSampleId :
GROUP-1

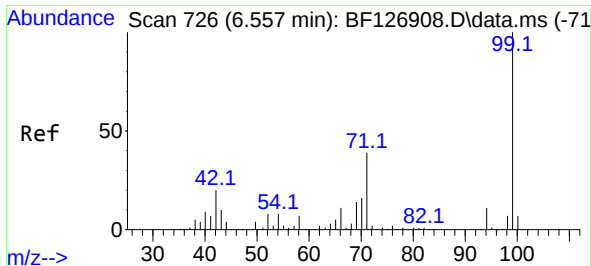
Tgt Ion:152 Resp: 69453
Ion Ratio Lower Upper
152 100
150 155.9 128.1 192.1
115 65.3 56.7 85.1



#5
2-Fluorophenol
Concen: 92.478 ng
RT: 5.528 min Scan# 551
Delta R.T. 0.000 min
Lab File: BF127072.D
Acq: 25 Feb 2022 15:49

Tgt Ion:112 Resp: 415564
Ion Ratio Lower Upper
112 100
64 69.0 49.5 74.3
63 38.1 23.9 35.9#

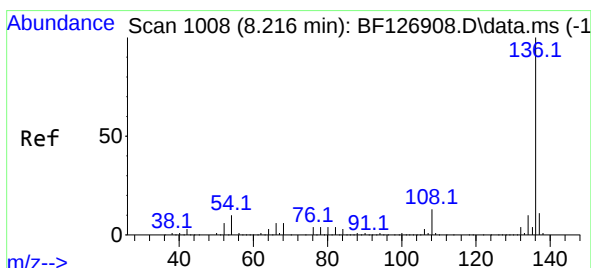
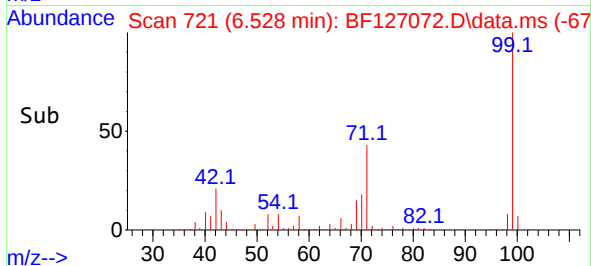
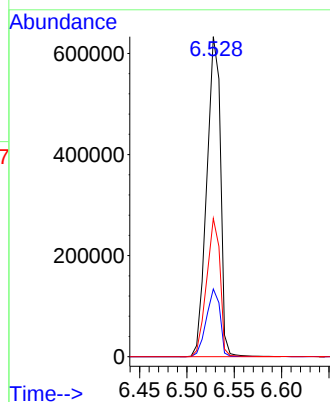
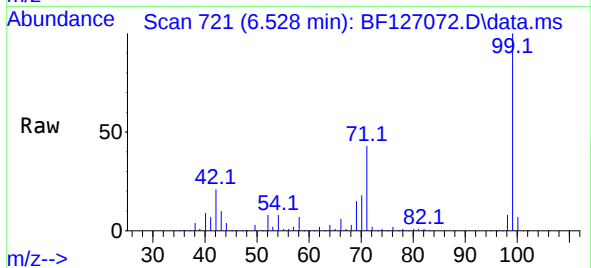




#7
Phenol-d6
Concen: 104.928 ng
RT: 6.528 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF127072.D
Acq: 25 Feb 2022 15:49

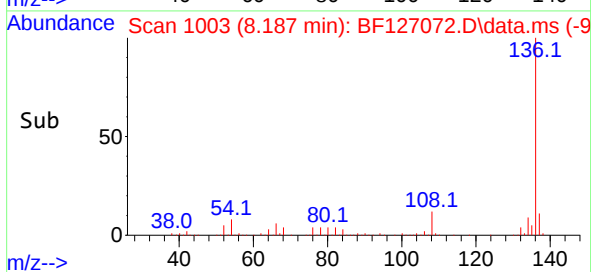
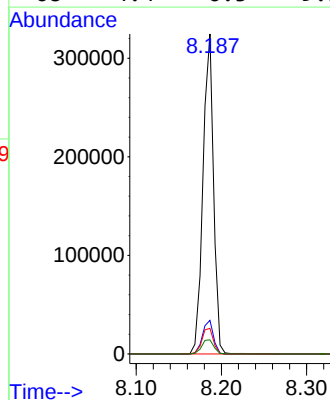
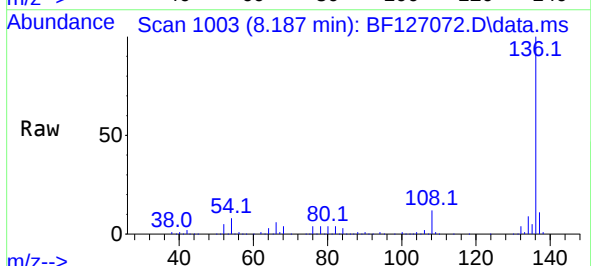
Instrument :
BNA_F
ClientSampleId :
GROUP-1

Tgt Ion: 99 Resp: 636236
Ion Ratio Lower Upper
99 100
42 21.1 14.2 21.4
71 43.2 24.3 36.5#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.187 min Scan# 1003
Delta R.T. -0.006 min
Lab File: BF127072.D
Acq: 25 Feb 2022 15:49

Tgt Ion:136 Resp: 279007
Ion Ratio Lower Upper
136 100
137 10.5 8.6 13.0
54 8.0 7.8 11.6
68 4.4 6.3 9.5#





#23

Nitrobenzene-d5

Concen: 80.473 ng

RT: 7.463 min Scan# 81

Delta R.T. -0.012 min

Lab File: BF127072.D

Acq: 25 Feb 2022 15:49

Instrument :

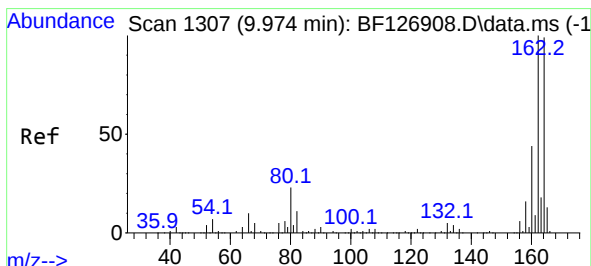
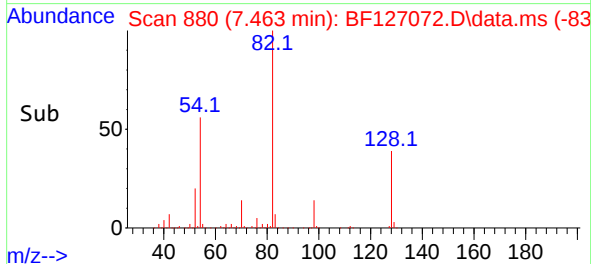
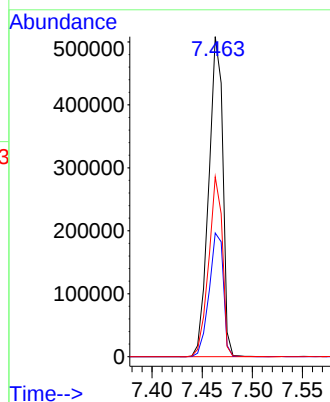
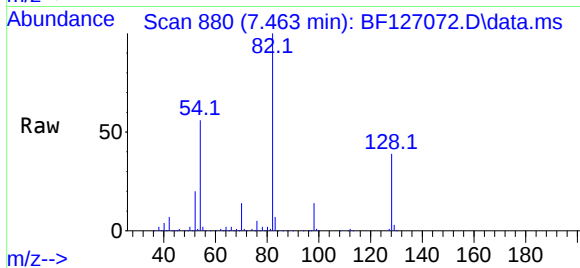
BNA_F

ClientSampleId :

GROUP-1

Tgt Ion: 82 Resp: 497428

Ion	Ratio	Lower	Upper
82	100		
128	38.7	32.7	49.1
54	56.2	41.7	62.5



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.945 min Scan# 1302

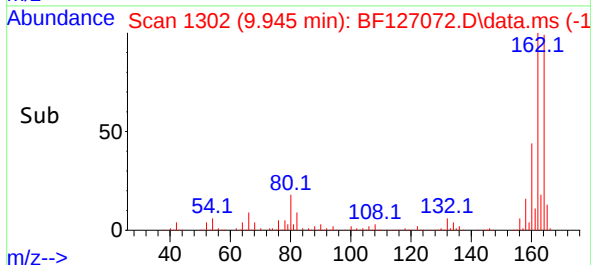
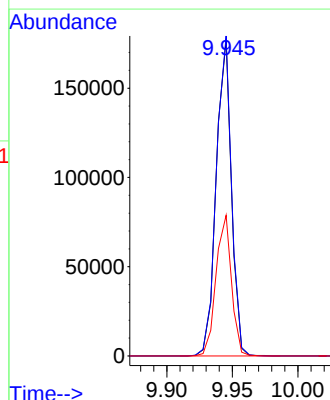
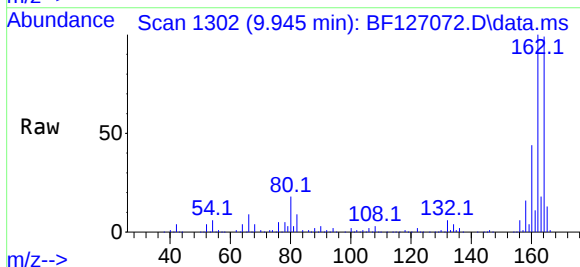
Delta R.T. -0.006 min

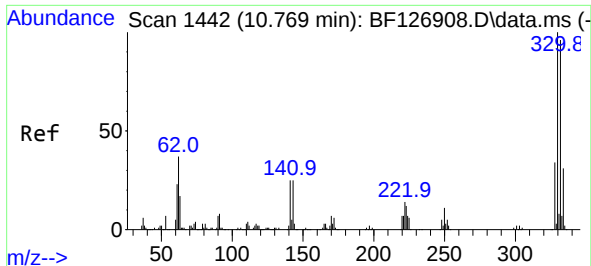
Lab File: BF127072.D

Acq: 25 Feb 2022 15:49

Tgt Ion: 164 Resp: 142480

Ion	Ratio	Lower	Upper
164	100		
162	101.2	81.4	122.0
160	44.5	36.6	54.8





#42

2,4,6-Tribromophenol

Concen: 151.577 ng

RT: 10.739 min Scan# 1442

Delta R.T. -0.006 min

Lab File: BF127072.D

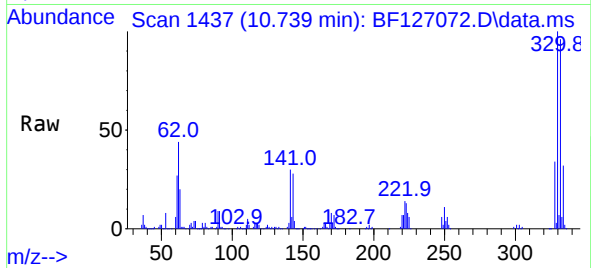
Acq: 25 Feb 2022 15:49

Instrument :

BNA_F

ClientSampleId :

GROUP-1



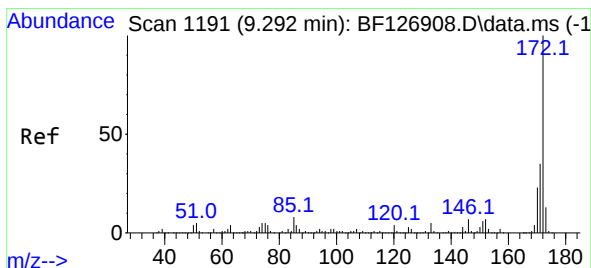
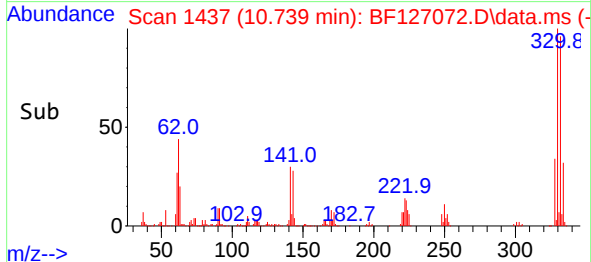
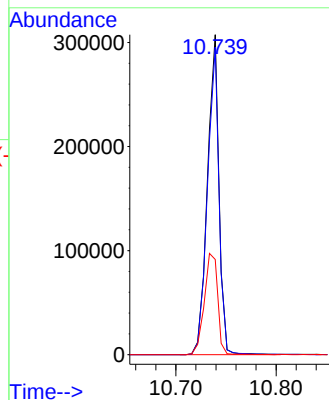
Tgt Ion:330 Resp: 248657

Ion Ratio Lower Upper

330 100

332 96.1 76.0 114.0

141 36.7 30.1 45.1



#45

2-Fluorobiphenyl

Concen: 94.412 ng

RT: 9.263 min Scan# 1186

Delta R.T. -0.006 min

Lab File: BF127072.D

Acq: 25 Feb 2022 15:49

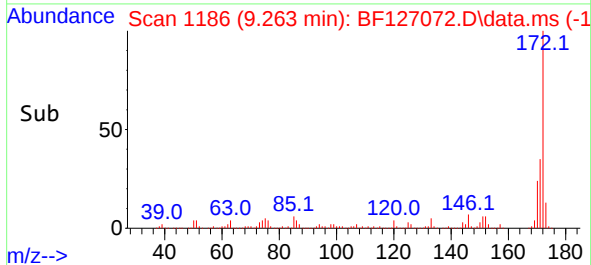
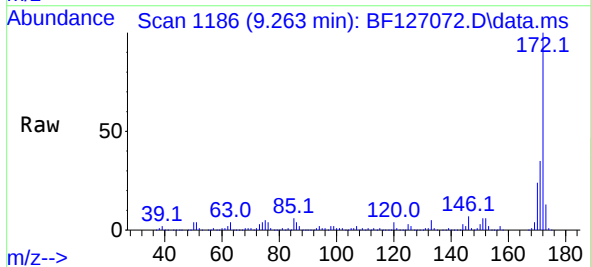
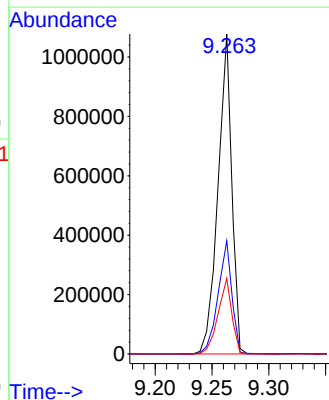
Tgt Ion:172 Resp: 913748

Ion Ratio Lower Upper

172 100

171 35.3 28.3 42.5

170 23.6 19.0 28.6

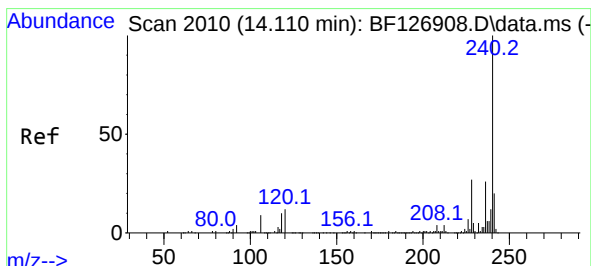
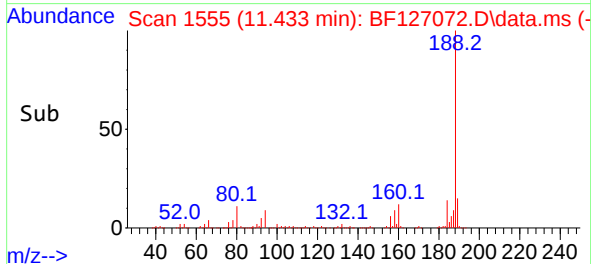
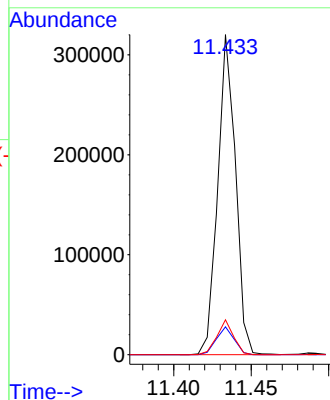
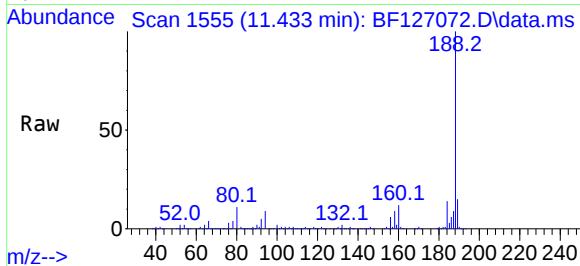




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.433 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF127072.D
Acq: 25 Feb 2022 15:49

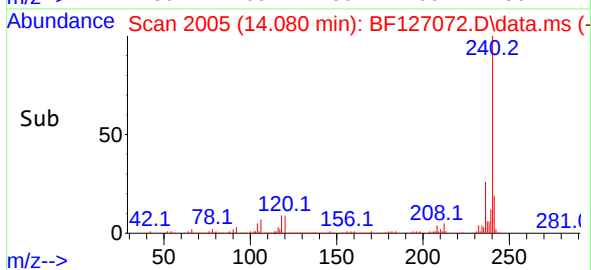
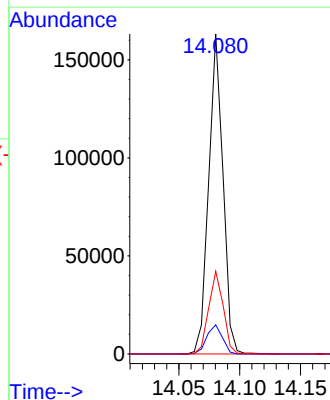
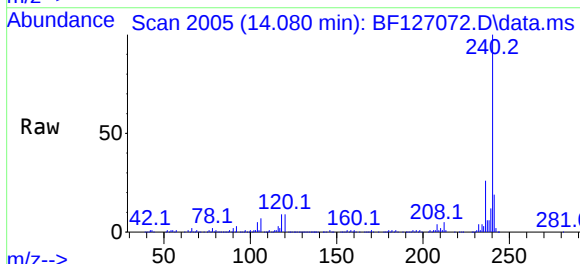
Instrument :
BNA_F
ClientSampleId :
GROUP-1

Tgt Ion:188 Resp: 255483
Ion Ratio Lower Upper
188 100
94 8.7 10.1 15.1#
80 10.9 11.8 17.6#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.080 min Scan# 2005
Delta R.T. -0.006 min
Lab File: BF127072.D
Acq: 25 Feb 2022 15:49

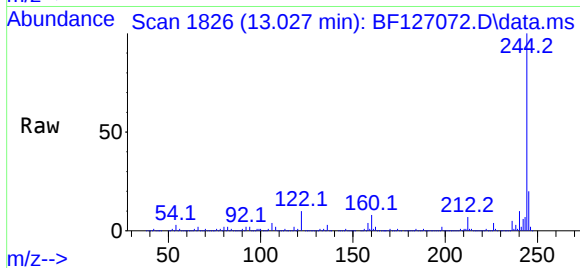
Tgt Ion:240 Resp: 132912
Ion Ratio Lower Upper
240 100
120 9.1 14.4 21.6#
236 25.8 20.5 30.7



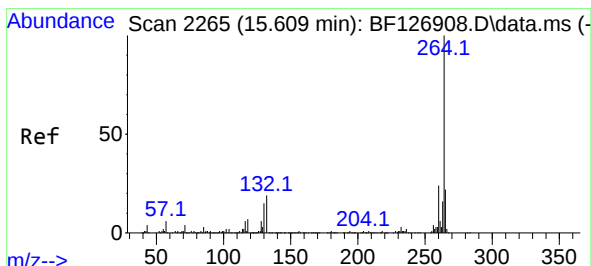
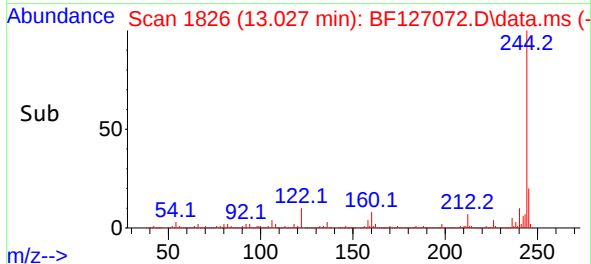
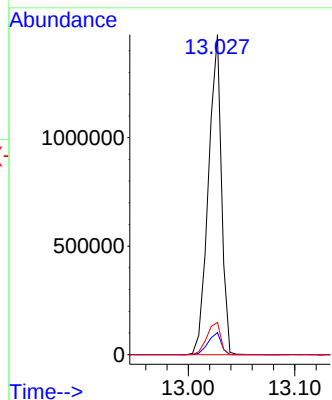


#79
 Terphenyl-d14
 Concen: 139.004 ng
 RT: 13.027 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: BF127072.D
 Acq: 25 Feb 2022 15:49

Instrument :
 BNA_F
 ClientSampleId :
 GROUP-1



Tgt Ion:244 Resp: 1256787
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.0 7.4
 122 10.1 13.3 19.9#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.580 min Scan# 2260
 Delta R.T. -0.006 min
 Lab File: BF127072.D
 Acq: 25 Feb 2022 15:49

Tgt Ion:264 Resp: 122573
 Ion Ratio Lower Upper
 264 100
 260 23.4 19.2 28.8
 265 22.4 17.4 26.2

