

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020422\
 Data File : BF126814.D
 Acq On : 04 Feb 2022 16:44
 Operator : CG/JU
 Sample : N1356-06
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B-PHC

Quant Time: Feb 04 23:54:24 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF020222.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 02 15:08:47 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.945	152	132567	20.000	ng	0.00
21) Naphthalene-d8	8.228	136	510532	20.000	ng	0.00
39) Acenaphthene-d10	9.986	164	273081	20.000	ng	0.00
64) Phenanthrene-d10	11.480	188	488155	20.000	ng	0.00
76) Chrysene-d12	14.121	240	264043	20.000	ng	#-0.01
86) Perylene-d12	15.639	264	151657	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.575	112	1143174	118.111	ng	0.01
7) Phenol-d6	6.569	99	1396936	104.340	ng	0.00
23) Nitrobenzene-d5	7.510	82	1184217	86.810	ng	0.00
42) 2,4,6-Tribromophenol	10.781	330	386099	136.232	ng	0.00
45) 2-Fluorobiphenyl	9.304	172	1521654	92.266	ng	0.00
79) Terphenyl-d14	13.069	244	1703036	107.895	ng	0.00

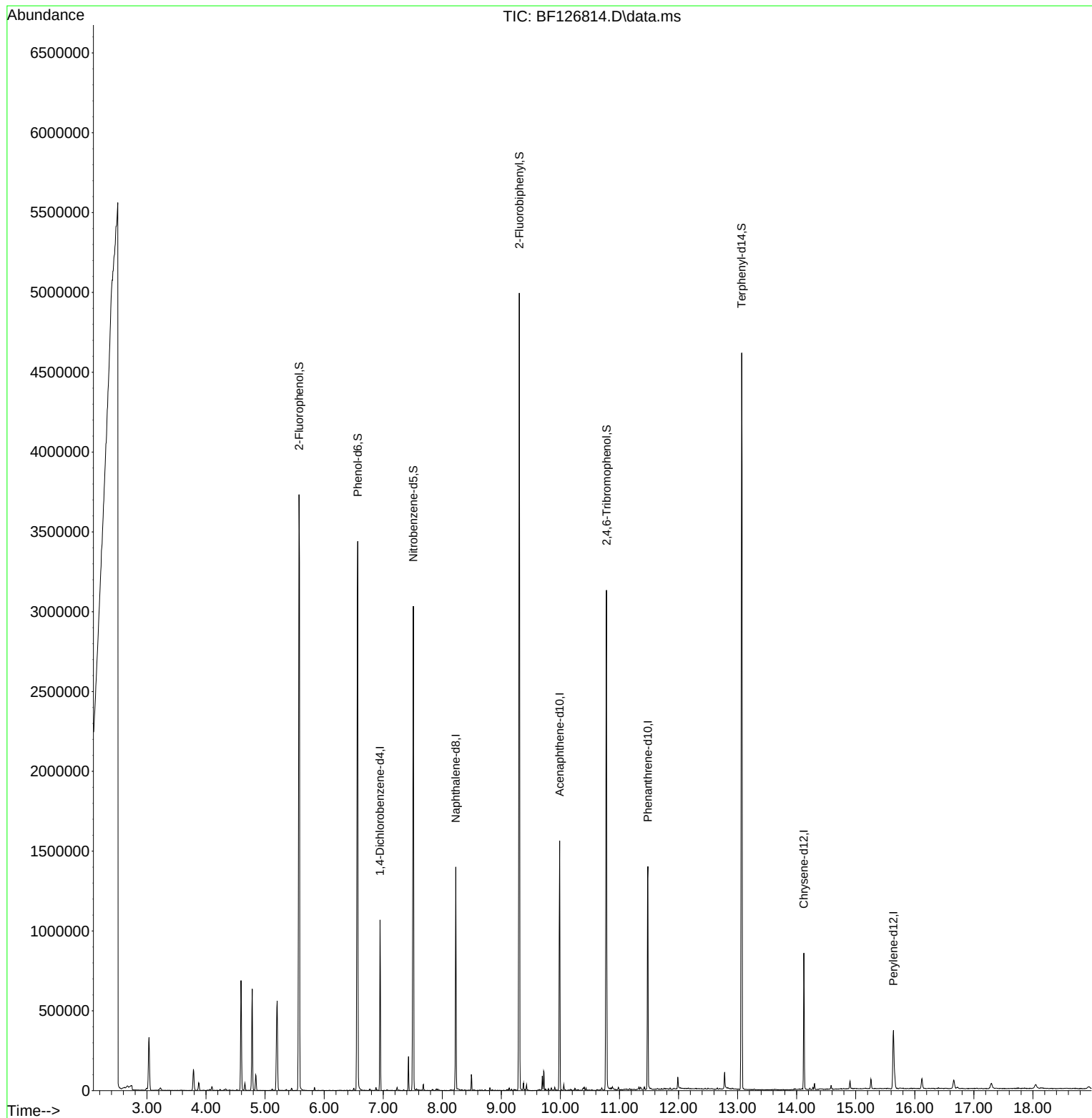
Target Compounds	Qvalue

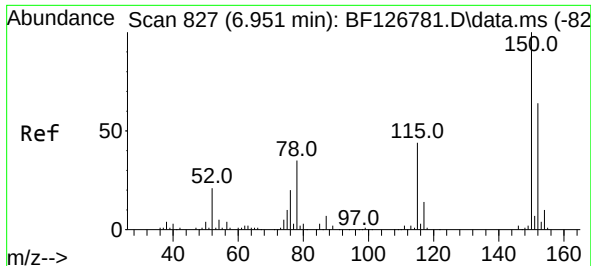
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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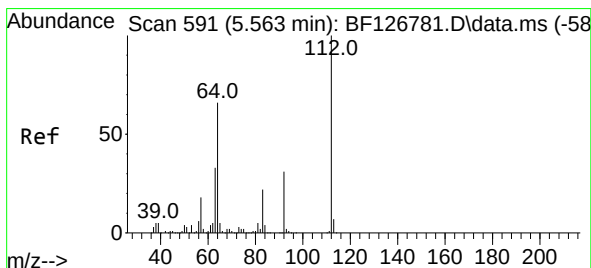
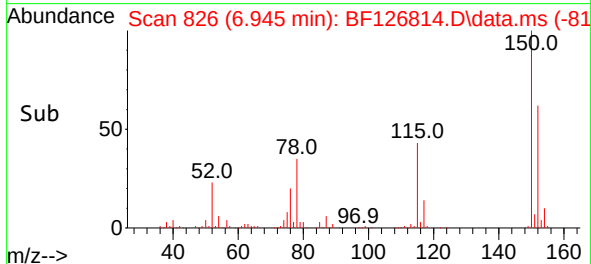
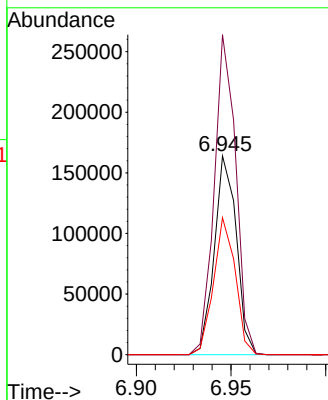
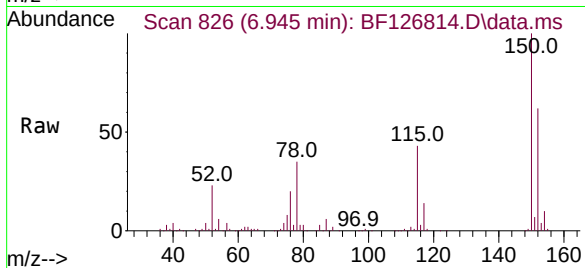




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.945 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF126814.D
Acq: 04 Feb 2022 16:44

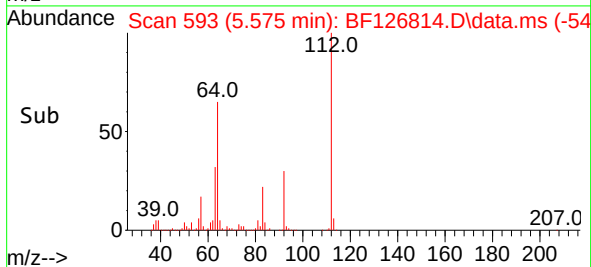
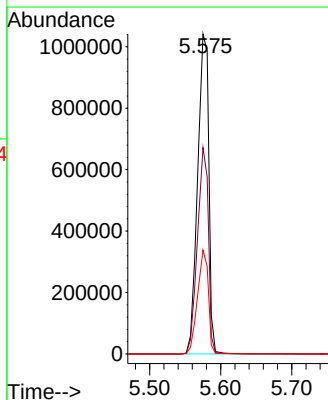
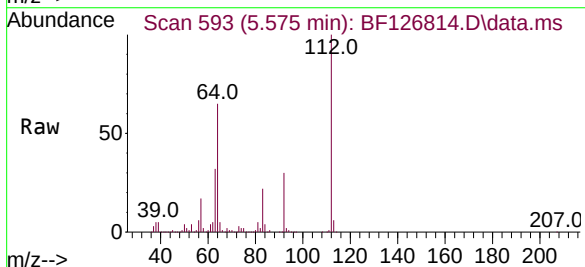
Instrument :
BNA_F
ClientSampleId :
B-PHC

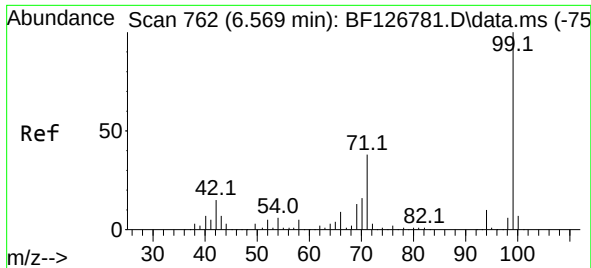
Tgt Ion:152 Resp: 132567
Ion Ratio Lower Upper
152 100
150 161.0 128.1 192.1
115 68.9 56.7 85.1



#5
2-Fluorophenol
Concen: 118.111 ng
RT: 5.575 min Scan# 593
Delta R.T. 0.012 min
Lab File: BF126814.D
Acq: 04 Feb 2022 16:44

Tgt Ion:112 Resp: 1143174
Ion Ratio Lower Upper
112 100
64 64.5 49.5 74.3
63 32.5 23.9 35.9

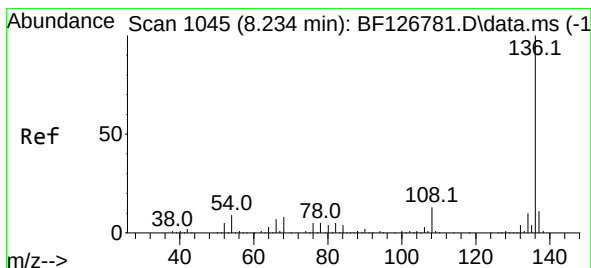
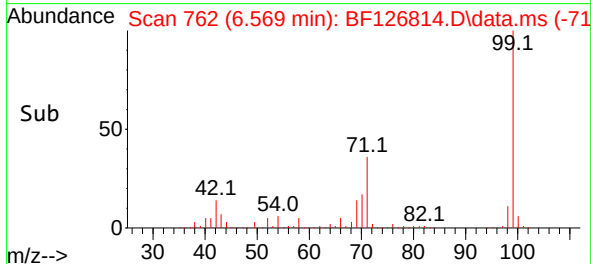
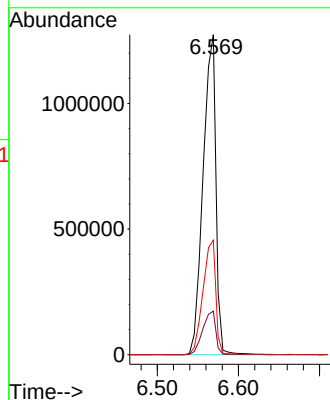
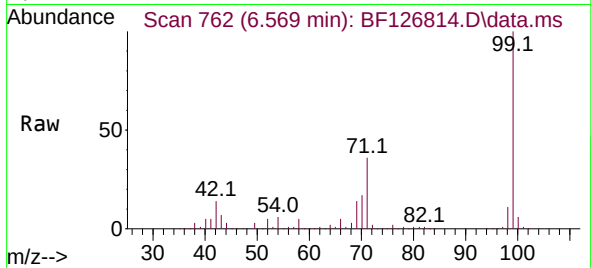




#7
Phenol-d6
Concen: 104.340 ng
RT: 6.569 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF126814.D
Acq: 04 Feb 2022 16:44

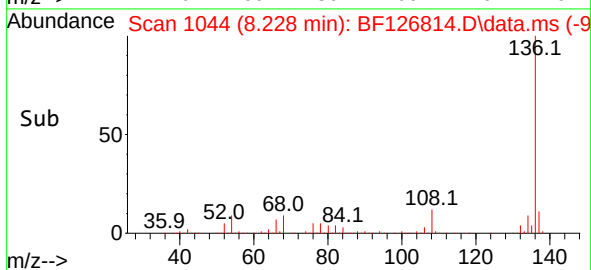
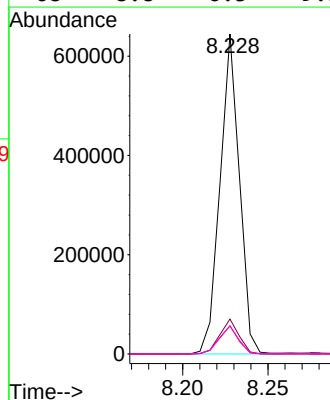
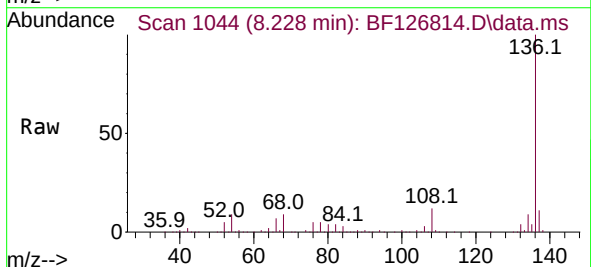
Instrument :
BNA_F
ClientSampleId :
B-PHC

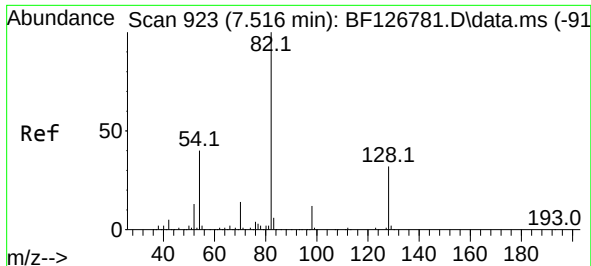
Tgt Ion: 99 Resp: 1396936
Ion Ratio Lower Upper
99 100
42 13.6 14.2 21.4#
71 35.8 24.3 36.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.228 min Scan# 1044
Delta R.T. -0.006 min
Lab File: BF126814.D
Acq: 04 Feb 2022 16:44

Tgt Ion:136 Resp: 510532
Ion Ratio Lower Upper
136 100
137 10.9 8.6 13.0
54 8.8 7.8 11.6
68 8.8 6.3 9.5





#23

Nitrobenzene-d5

Concen: 86.810 ng

RT: 7.510 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF126814.D

Acq: 04 Feb 2022 16:44

Instrument :

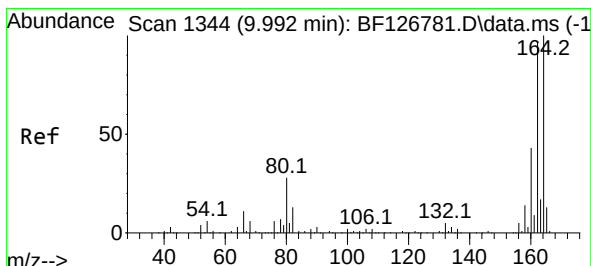
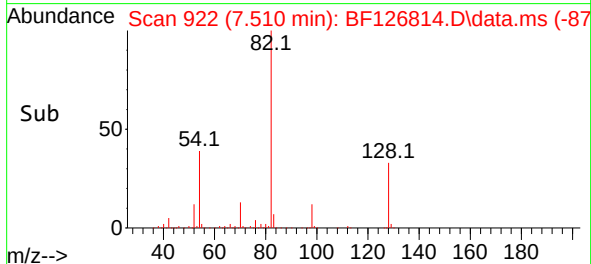
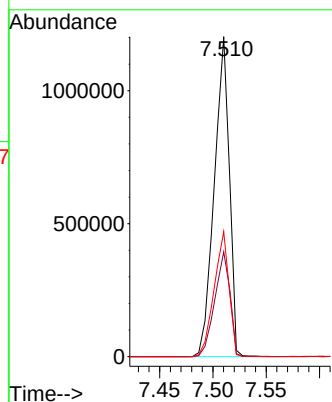
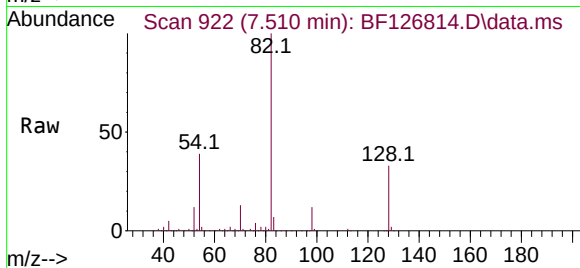
BNA_F

ClientSampleId :

B-PHC

Tgt Ion: 82 Resp: 1184217

Ion	Ratio	Lower	Upper
82	100		
128	32.8	32.7	49.1
54	39.1	41.7	62.5#



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.986 min Scan# 1343

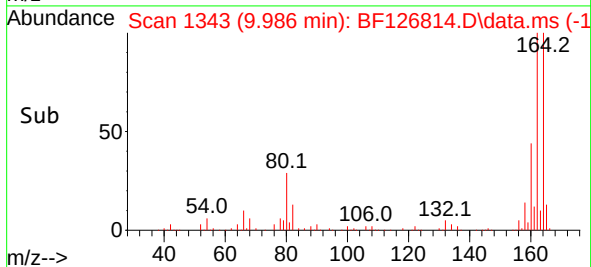
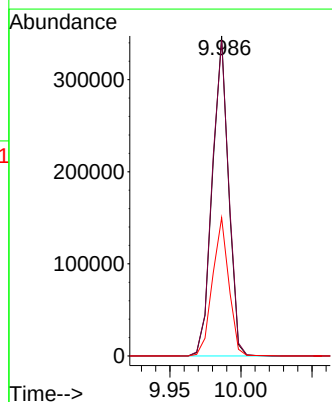
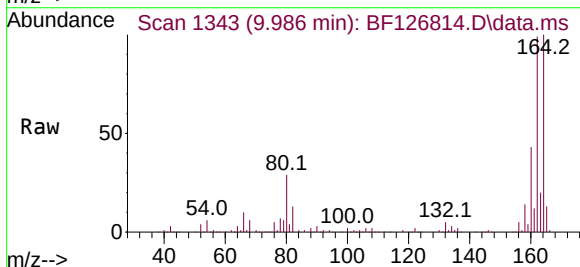
Delta R.T. -0.006 min

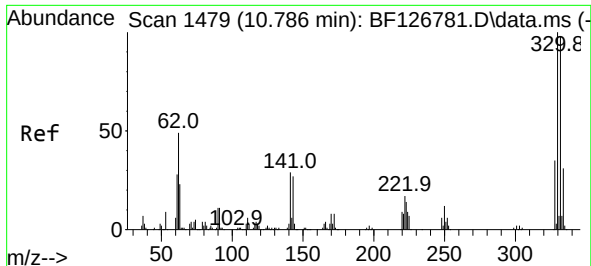
Lab File: BF126814.D

Acq: 04 Feb 2022 16:44

Tgt Ion: 164 Resp: 273081

Ion	Ratio	Lower	Upper
164	100		
162	98.7	81.4	122.0
160	43.2	36.6	54.8





#42

2,4,6-Tribromophenol

Concen: 136.232 ng

RT: 10.781 min Scan# 1479

Delta R.T. -0.006 min

Lab File: BF126814.D

Acq: 04 Feb 2022 16:44

Instrument :

BNA_F

ClientSampleId :

B-PHC

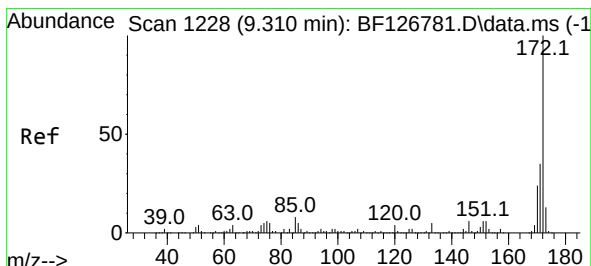
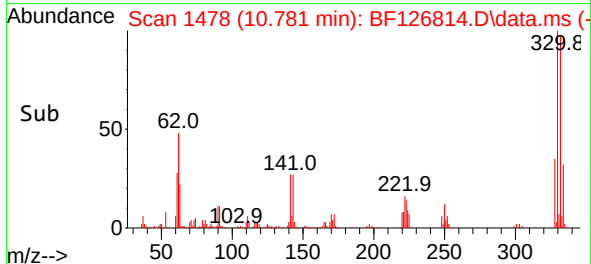
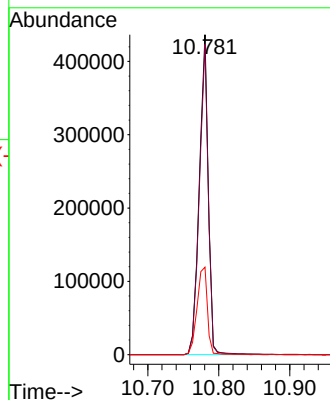
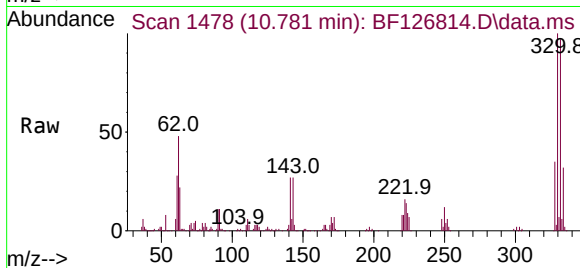
Tgt Ion:330 Resp: 386099

Ion Ratio Lower Upper

330 100

332 96.5 76.0 114.0

141 31.5 30.1 45.1



#45

2-Fluorobiphenyl

Concen: 92.266 ng

RT: 9.304 min Scan# 1227

Delta R.T. -0.006 min

Lab File: BF126814.D

Acq: 04 Feb 2022 16:44

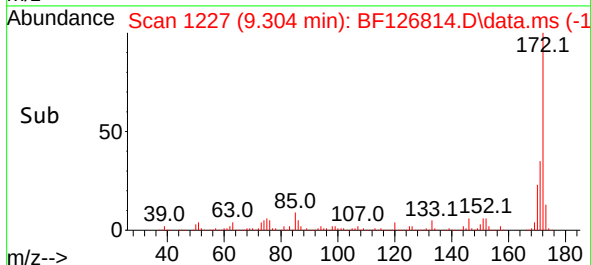
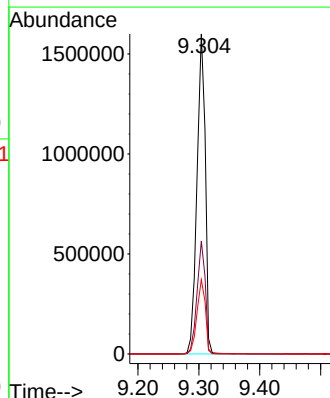
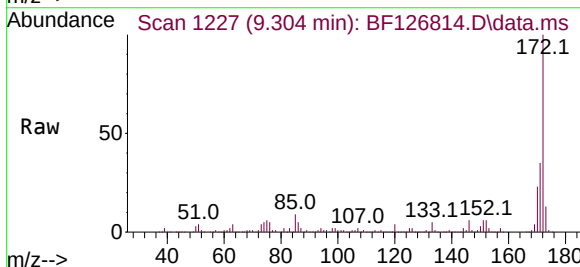
Tgt Ion:172 Resp: 1521654

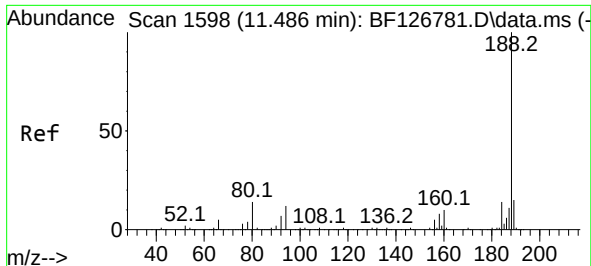
Ion Ratio Lower Upper

172 100

171 35.3 28.3 42.5

170 23.2 19.0 28.6

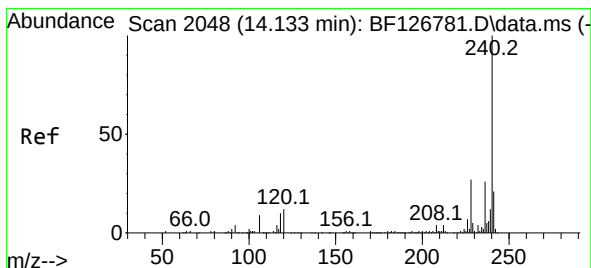
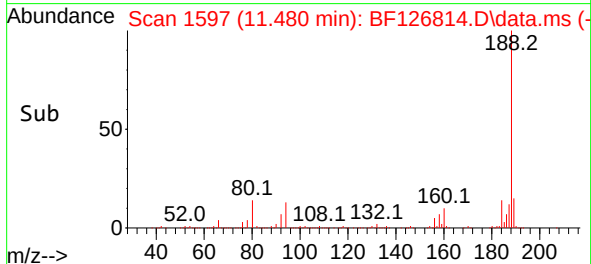
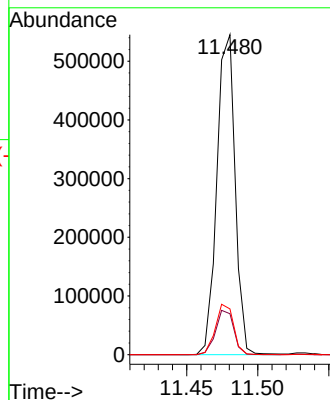
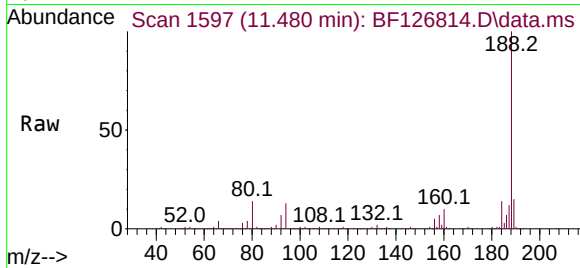




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.480 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF126814.D
Acq: 04 Feb 2022 16:44

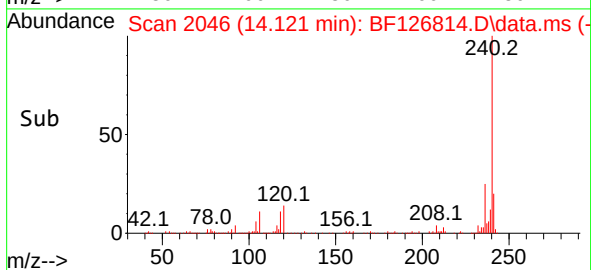
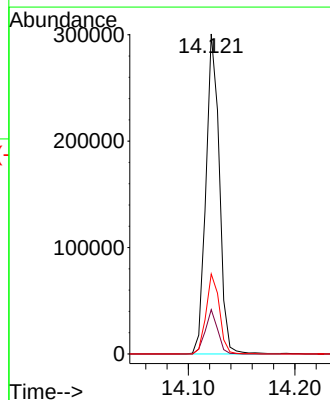
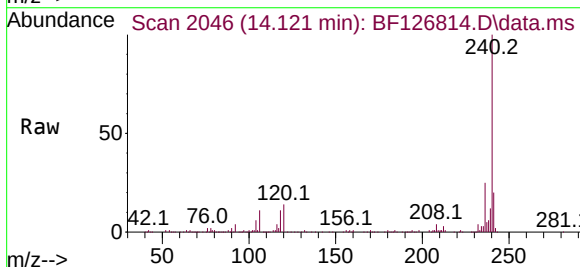
Instrument :
BNA_F
ClientSampleId :
B-PHC

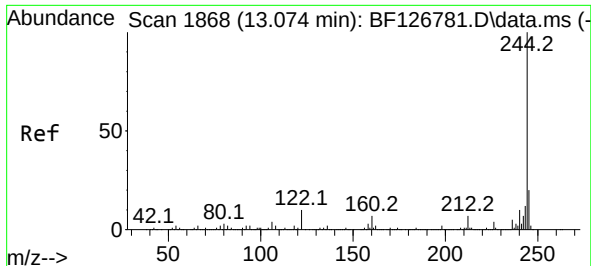
Tgt Ion:188 Resp: 488155
Ion Ratio Lower Upper
188 100
94 12.8 10.1 15.1
80 14.3 11.8 17.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.121 min Scan# 2046
Delta R.T. -0.012 min
Lab File: BF126814.D
Acq: 04 Feb 2022 16:44

Tgt Ion:240 Resp: 264043
Ion Ratio Lower Upper
240 100
120 13.9 14.4 21.6#
236 25.0 20.5 30.7

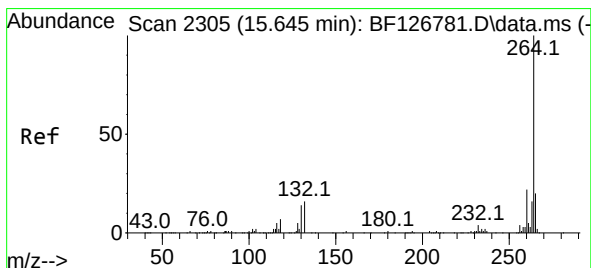
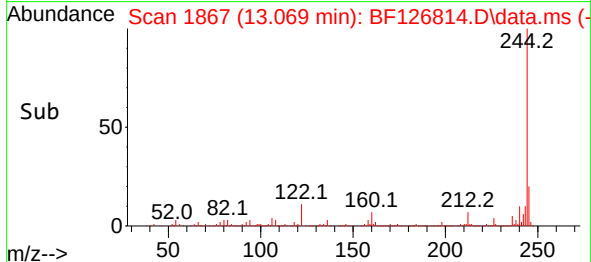
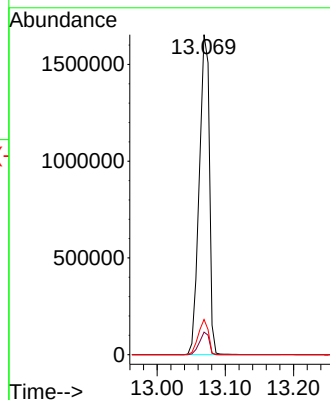
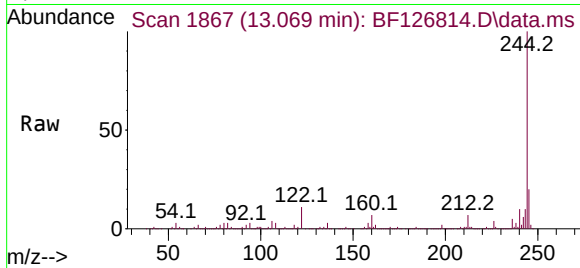




#79
 Terphenyl-d14
 Concen: 107.895 ng
 RT: 13.069 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF126814.D
 Acq: 04 Feb 2022 16:44

Instrument :
 BNA_F
 ClientSampleId :
 B-PHC

Tgt Ion:244 Resp: 1703036
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.0 7.4
 122 11.0 13.3 19.9#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.639 min Scan# 2304
 Delta R.T. -0.006 min
 Lab File: BF126814.D
 Acq: 04 Feb 2022 16:44

Tgt Ion:264 Resp: 151657
 Ion Ratio Lower Upper
 264 100
 260 25.8 19.2 28.8
 265 20.4 17.4 26.2

