

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020422\
 Data File : BF126808.D
 Acq On : 04 Feb 2022 14:00
 Operator : CG/JU
 Sample : N1381-08
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DB-07(20-22)-02-02-22

Quant Time: Feb 04 23:53:38 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	145448	20.000	ng	0.00
21) Naphthalene-d8	8.228	136	567812	20.000	ng	0.00
39) Acenaphthene-d10	9.986	164	312263	20.000	ng	0.00
64) Phenanthrene-d10	11.480	188	538685	20.000	ng	0.00
76) Chrysene-d12	14.121	240	314685	20.000	ng	#-0.01
86) Perylene-d12	15.639	264	250444	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.569	112	1042901	98.208	ng	0.00
7) Phenol-d6	6.563	99	1409742	95.971	ng	0.00
23) Nitrobenzene-d5	7.510	82	982871	64.782	ng	0.00
42) 2,4,6-Tribromophenol	10.775	330	212908	65.697	ng	-0.01
45) 2-Fluorobiphenyl	9.304	172	1245566	66.048	ng	0.00
79) Terphenyl-d14	13.069	244	1312677	69.781	ng	0.00

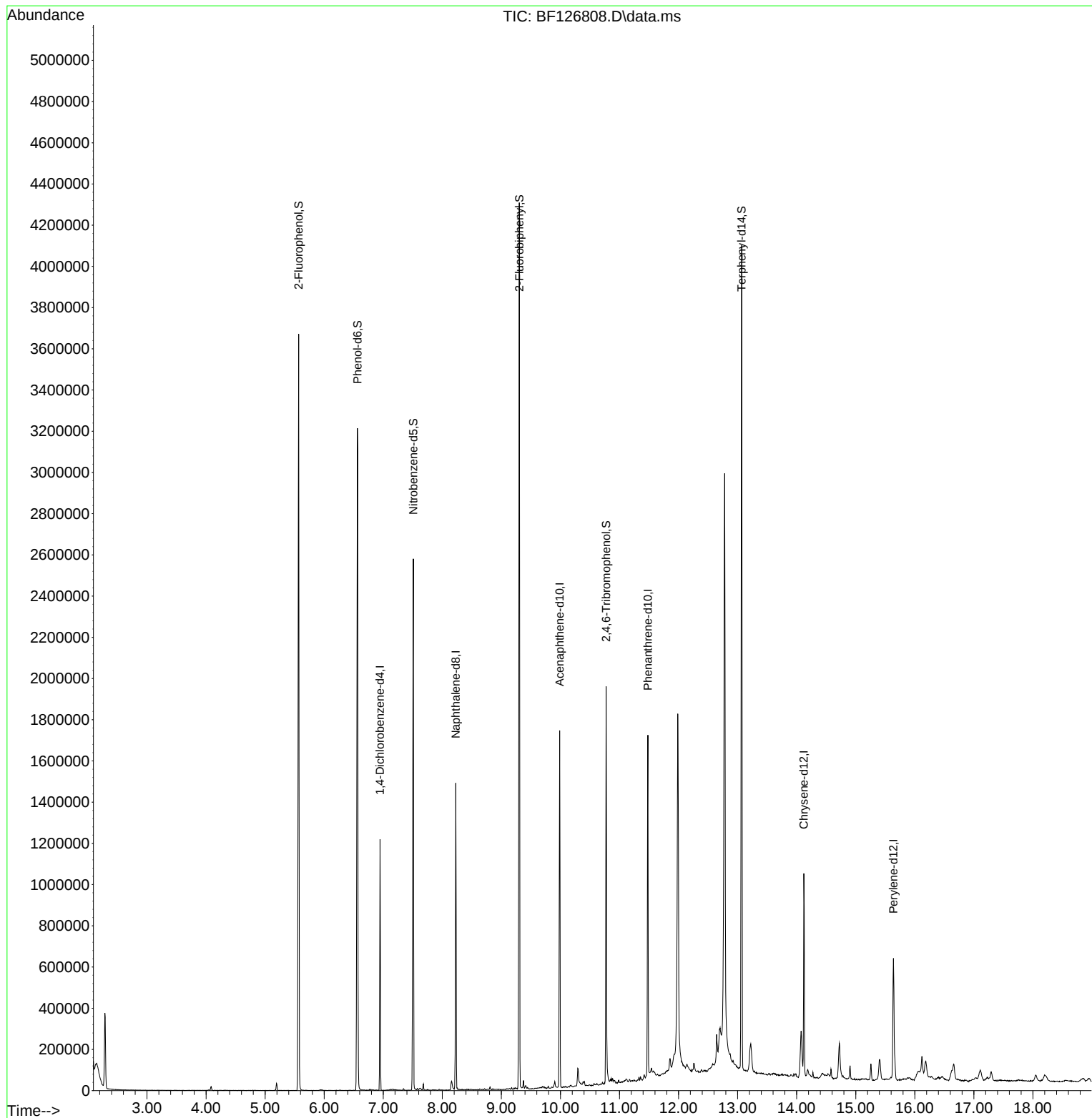
Target Compounds	Qvalue

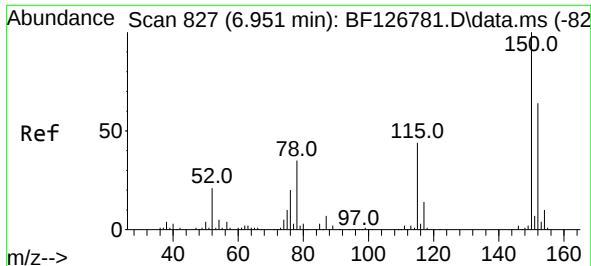
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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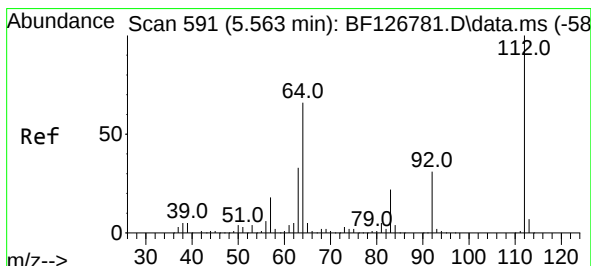
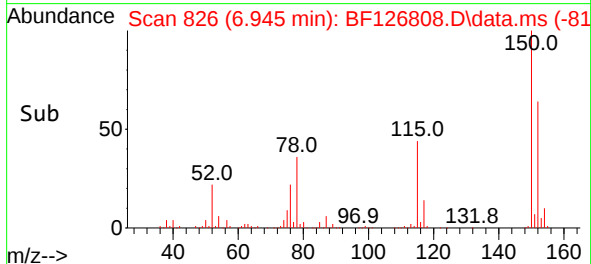
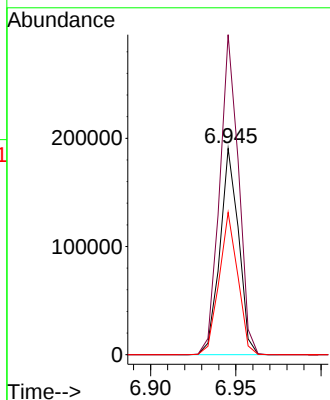
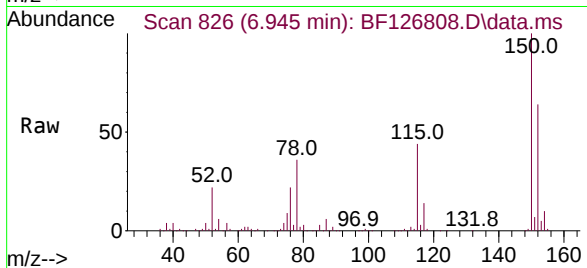




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.945 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF126808.D
Acq: 04 Feb 2022 14:00

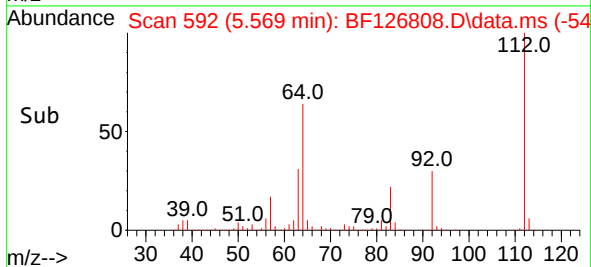
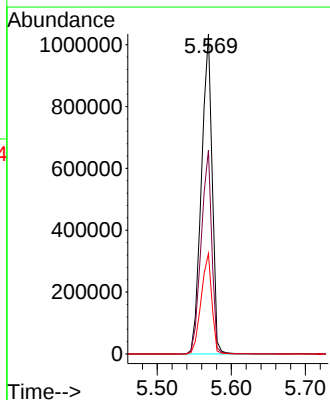
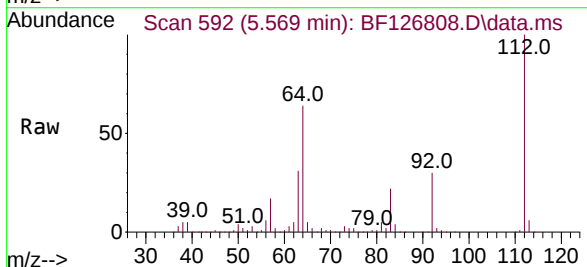
Instrument :
BNA_F
ClientSampleId :
DB-07(20-22)-02-02-22

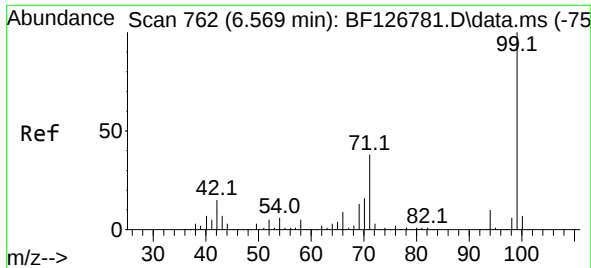
Tgt Ion:152 Resp: 145448
Ion Ratio Lower Upper
152 100
150 155.1 128.1 192.1
115 69.0 56.7 85.1



#5
2-Fluorophenol
Concen: 98.208 ng
RT: 5.569 min Scan# 592
Delta R.T. 0.006 min
Lab File: BF126808.D
Acq: 04 Feb 2022 14:00

Tgt Ion:112 Resp: 1042901
Ion Ratio Lower Upper
112 100
64 63.7 49.5 74.3
63 31.4 23.9 35.9





#7

Phenol-d6

Concen: 95.971 ng

RT: 6.563 min Scan# 71

Delta R.T. -0.006 min

Lab File: BF126808.D

Acq: 04 Feb 2022 14:00

Instrument :

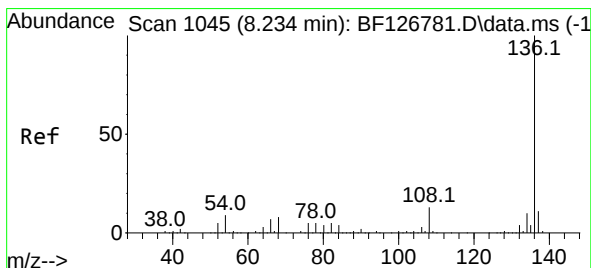
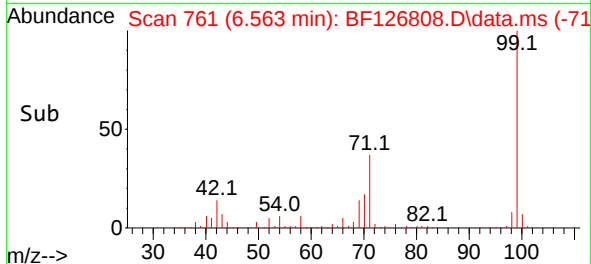
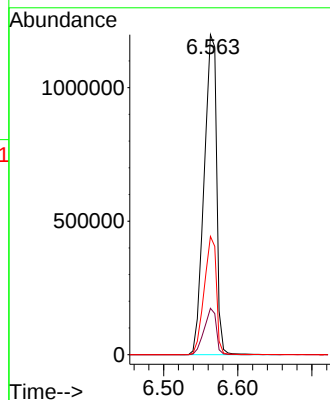
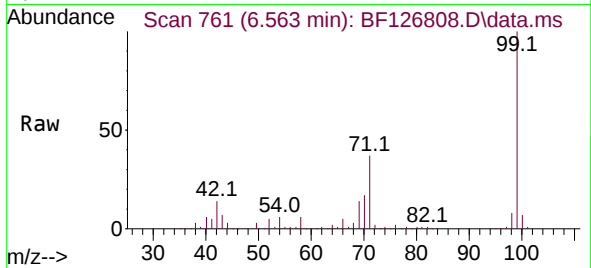
BNA_F

ClientSampleId :

DB-07(20-22)-02-02-22

Tgt Ion: 99 Resp: 1409742

Ion	Ratio	Lower	Upper
99	100		
42	14.5	14.2	21.4
71	37.0	24.3	36.5



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.228 min Scan# 1044

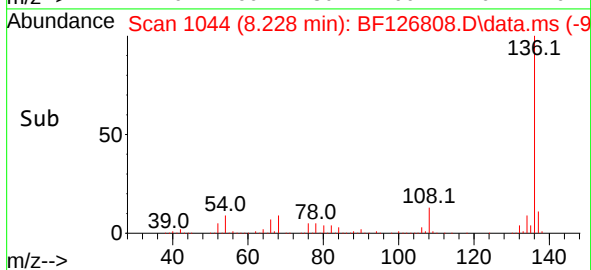
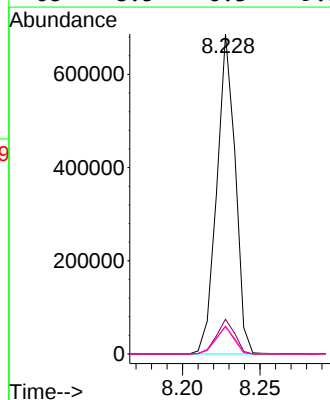
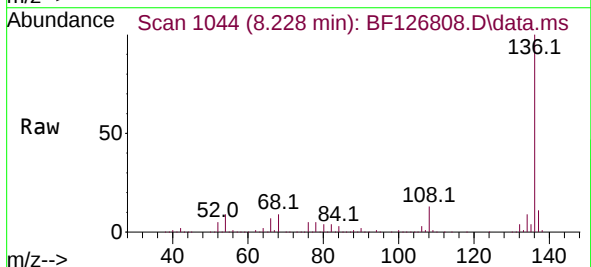
Delta R.T. -0.006 min

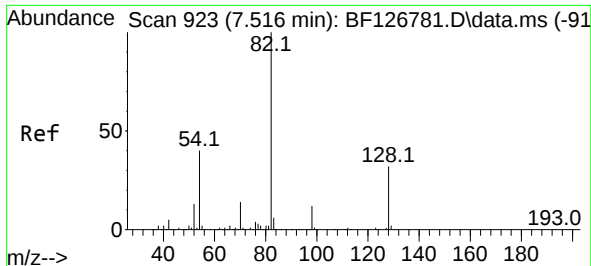
Lab File: BF126808.D

Acq: 04 Feb 2022 14:00

Tgt Ion:136 Resp: 567812

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.6	13.0
54	8.7	7.8	11.6
68	8.5	6.3	9.5





#23

Nitrobenzene-d5

Concen: 64.782 ng

RT: 7.510 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF126808.D

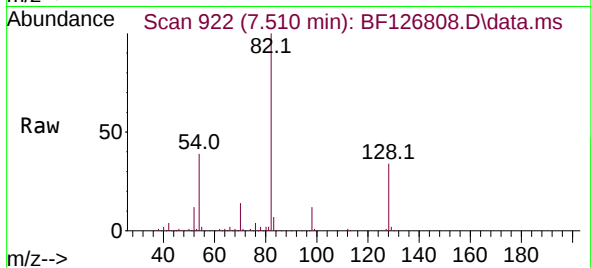
Acq: 04 Feb 2022 14:00

Instrument :

BNA_F

ClientSampleId :

DB-07(20-22)-02-02-22



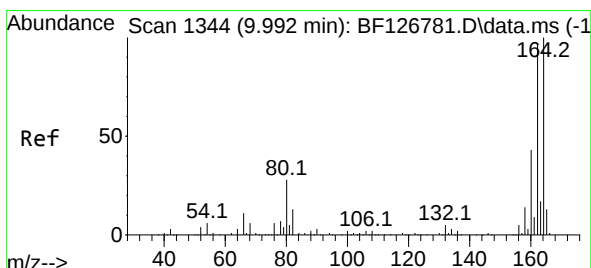
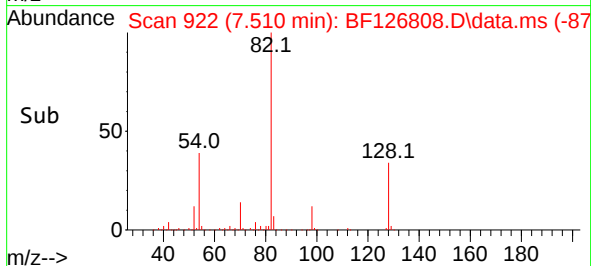
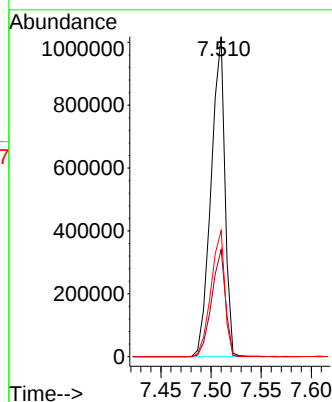
Tgt Ion: 82 Resp: 982871

Ion Ratio Lower Upper

82 100

128 33.5 32.7 49.1

54 39.4 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: BF126808.D

Acq: 04 Feb 2022 14:00

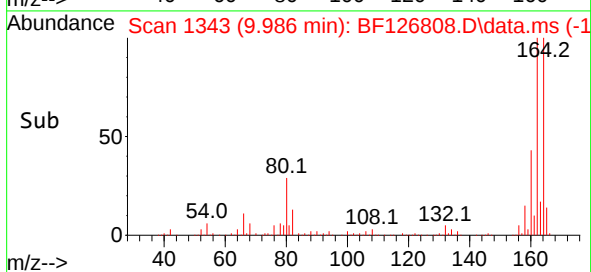
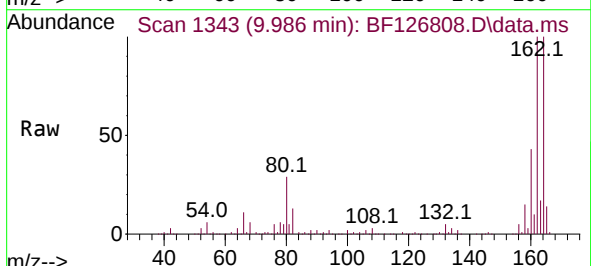
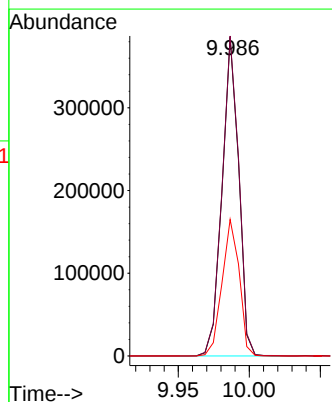
Tgt Ion: 164 Resp: 312263

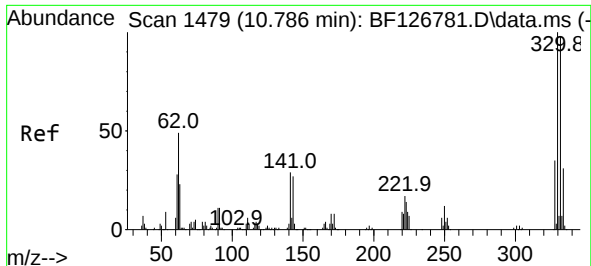
Ion Ratio Lower Upper

164 100

162 100.4 81.4 122.0

160 42.8 36.6 54.8





#42

2,4,6-Tribromophenol

Concen: 65.697 ng

RT: 10.775 min Scan# 1479

Delta R.T. -0.012 min

Lab File: BF126808.D

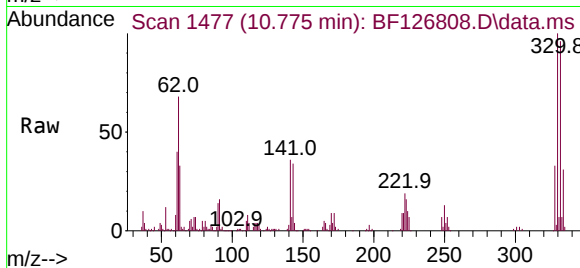
Acq: 04 Feb 2022 14:00

Instrument :

BNA_F

ClientSampleId :

DB-07(20-22)-02-02-22



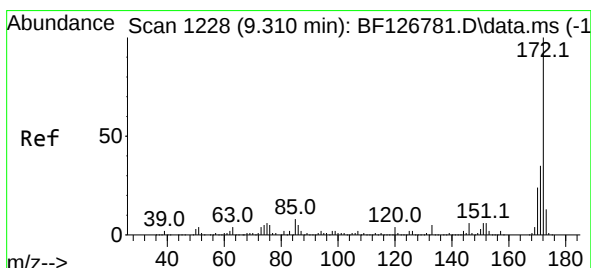
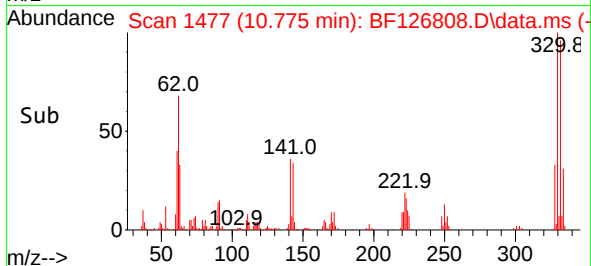
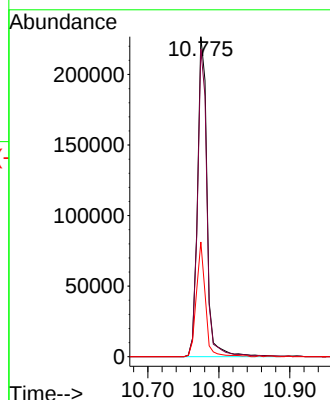
Tgt Ion:330 Resp: 212908

Ion Ratio Lower Upper

330 100

332 95.4 76.0 114.0

141 33.9 30.1 45.1



#45

2-Fluorobiphenyl

Concen: 66.048 ng

RT: 9.304 min Scan# 1227

Delta R.T. -0.006 min

Lab File: BF126808.D

Acq: 04 Feb 2022 14:00

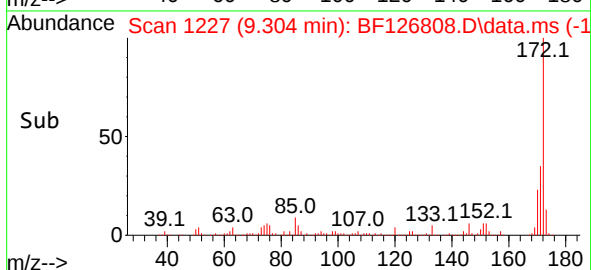
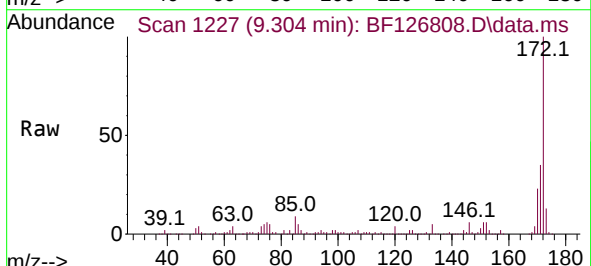
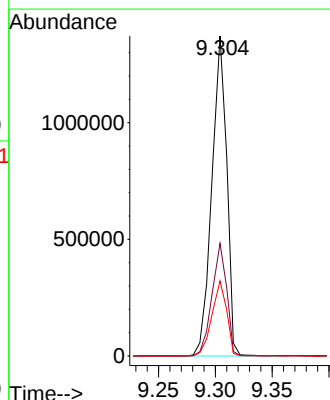
Tgt Ion:172 Resp: 1245566

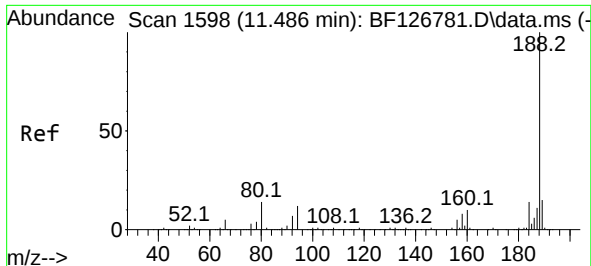
Ion Ratio Lower Upper

172 100

171 35.1 28.3 42.5

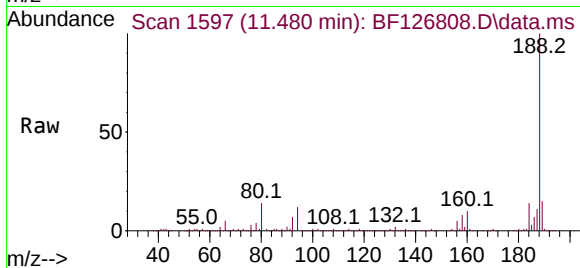
170 23.5 19.0 28.6



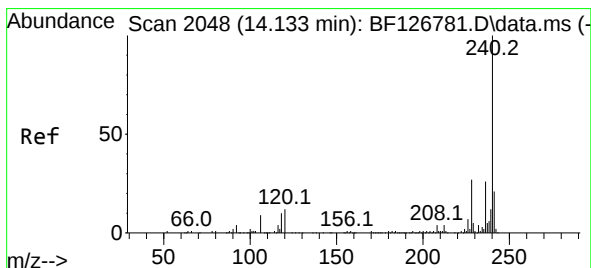
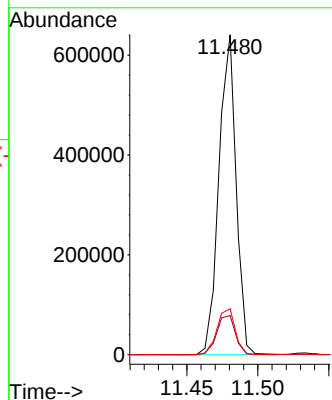
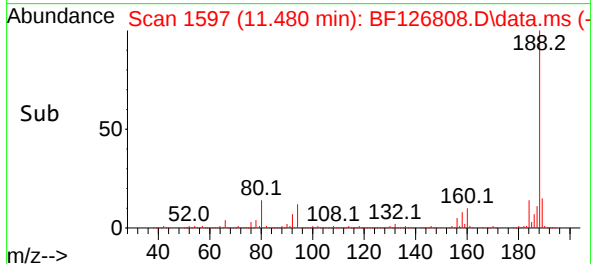


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.480 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF126808.D
Acq: 04 Feb 2022 14:00

Instrument :
BNA_F
ClientSampleId :
DB-07(20-22)-02-02-22

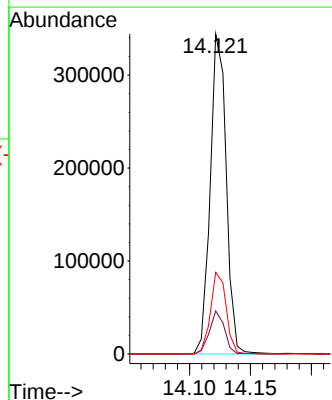
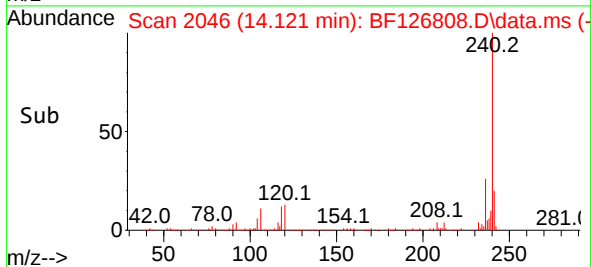
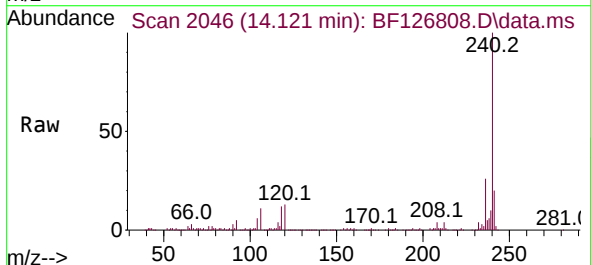


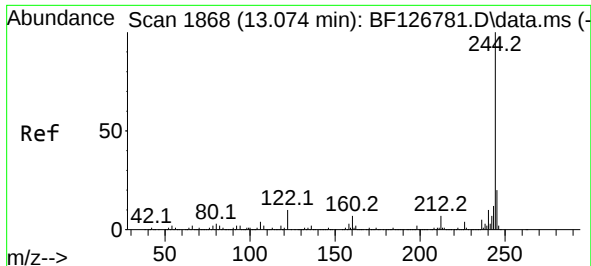
Tgt Ion:188 Resp: 538685
Ion Ratio Lower Upper
188 100
94 12.3 10.1 15.1
80 14.4 11.8 17.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.121 min Scan# 2046
Delta R.T. -0.012 min
Lab File: BF126808.D
Acq: 04 Feb 2022 14:00

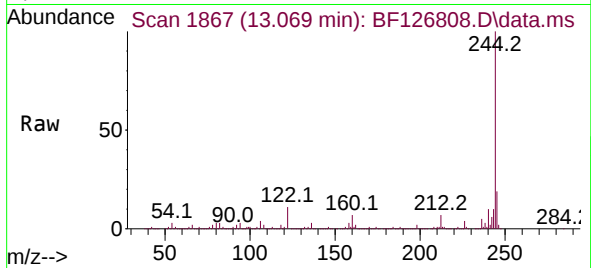
Tgt Ion:240 Resp: 314685
Ion Ratio Lower Upper
240 100
120 13.5 14.4 21.6#
236 25.5 20.5 30.7



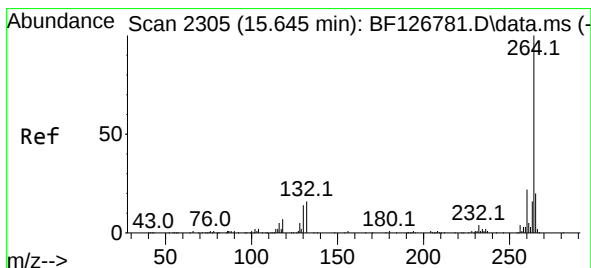
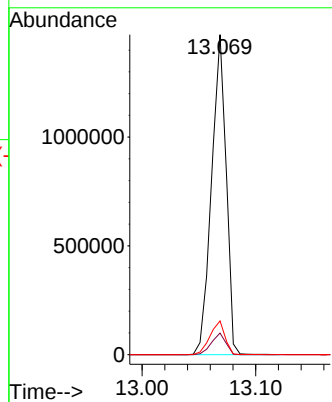
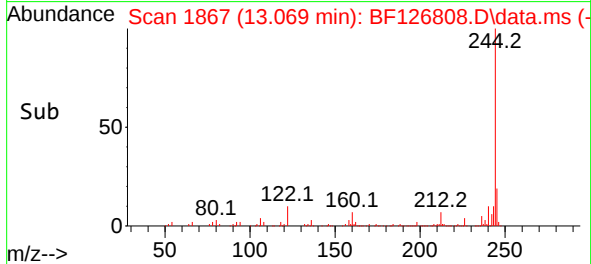


#79
 Terphenyl-d14
 Concen: 69.781 ng
 RT: 13.069 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF126808.D
 Acq: 04 Feb 2022 14:00

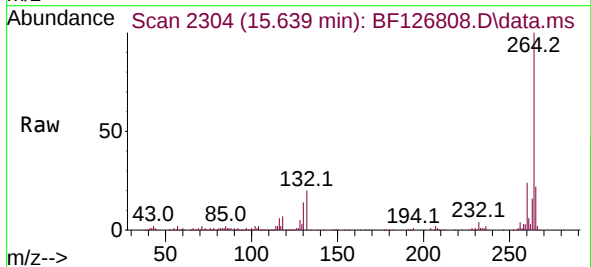
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Tgt Ion:244 Resp: 1312677
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.0 7.4
 122 10.5 13.3 19.9#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.639 min Scan# 2304
 Delta R.T. -0.006 min
 Lab File: BF126808.D
 Acq: 04 Feb 2022 14:00



Tgt Ion:264 Resp: 250444
 Ion Ratio Lower Upper
 264 100
 260 23.6 19.2 28.8
 265 21.9 17.4 26.2

