

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021722\
 Data File : BF126923.D
 Acq On : 17 Feb 2022 13:02
 Operator : CG\JU
 Sample : PB142646BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB142646BL

Quant Time: Feb 17 17:08:15 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF021622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 16 14:55:48 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.928	152	118681	20.000	ng	0.00
21) Naphthalene-d8	8.210	136	485578	20.000	ng	0.00
39) Acenaphthene-d10	9.969	164	256150	20.000	ng	0.00
64) Phenanthrene-d10	11.457	188	490401	20.000	ng	0.00
76) Chrysene-d12	14.104	240	359095	20.000	ng	# 0.00
86) Perylene-d12	15.610	264	285576	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.557	112	934483	121.697	ng	0.01
7) Phenol-d6	6.551	99	1245000	120.158	ng	0.00
23) Nitrobenzene-d5	7.492	82	887071	82.458	ng	0.00
42) 2,4,6-Tribromophenol	10.763	330	379438	128.657	ng	0.00
45) 2-Fluorobiphenyl	9.286	172	1404309	80.709	ng	0.00
79) Terphenyl-d14	13.051	244	1820315	74.519	ng	0.00

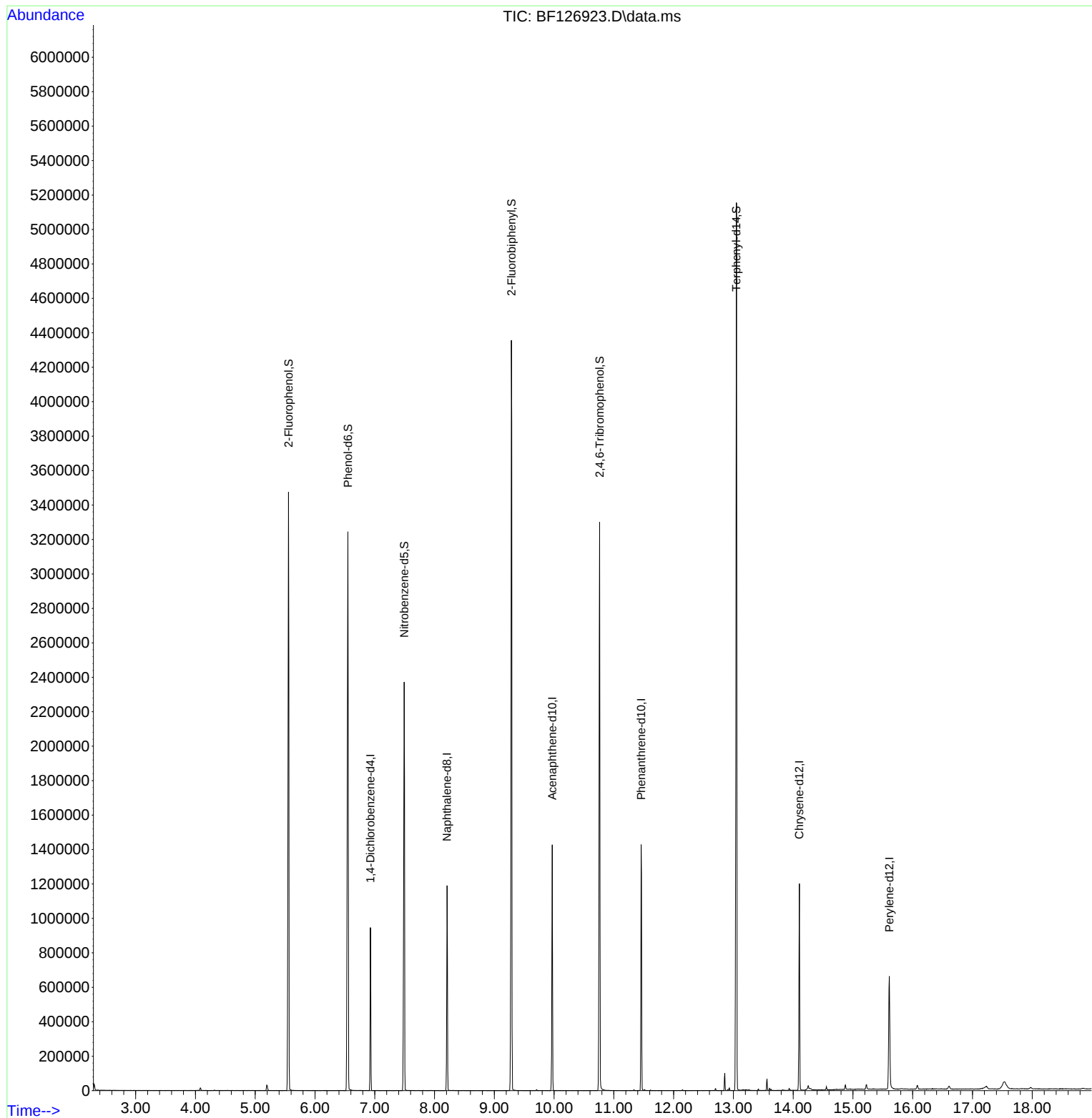
Target Compounds	Qvalue

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

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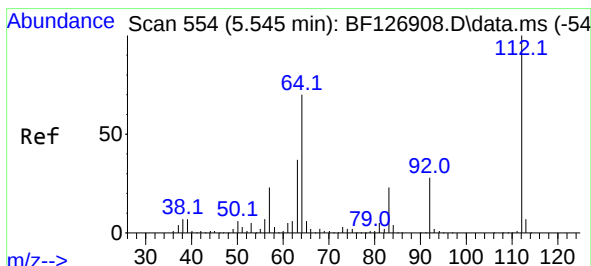
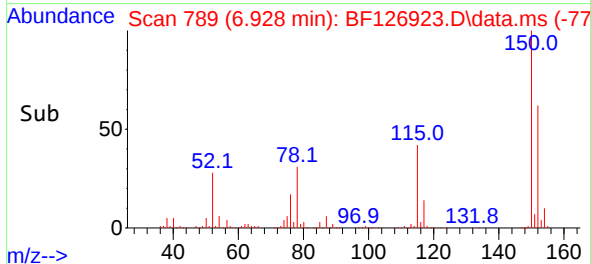
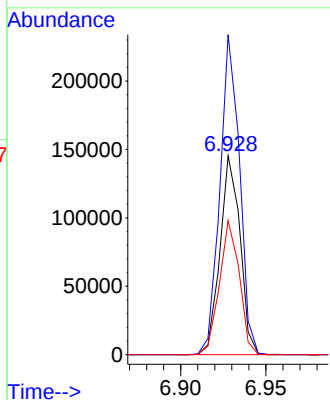
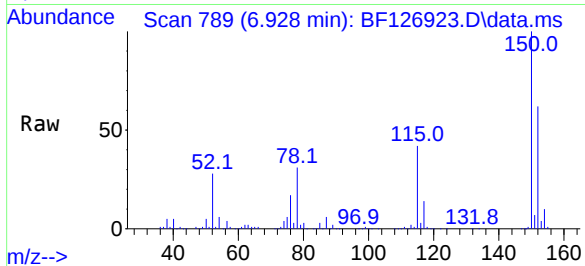




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.928 min Scan# 71
Delta R.T. -0.005 min
Lab File: BF126923.D
Acq: 17 Feb 2022 13:02

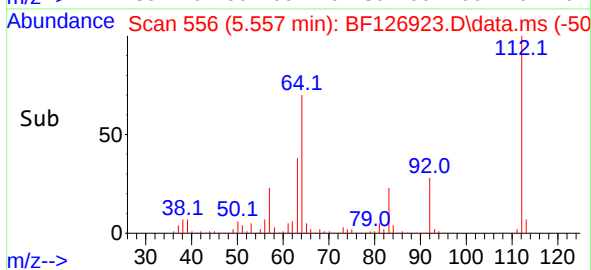
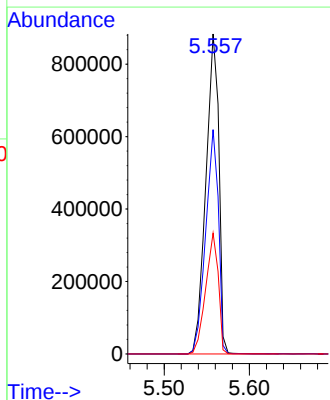
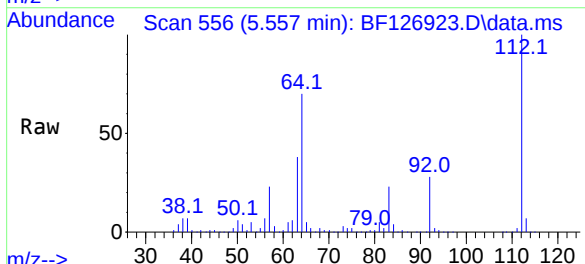
Instrument :
BNA_F
ClientSampleId :
PB142646BL

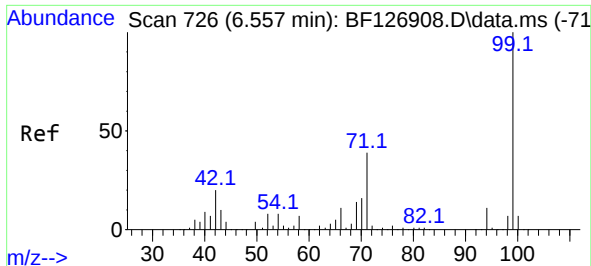
Tgt Ion:152 Resp: 118681
Ion Ratio Lower Upper
152 100
150 160.9 128.1 192.1
115 67.4 56.7 85.1



#5
2-Fluorophenol
Concen: 121.697 ng
RT: 5.557 min Scan# 556
Delta R.T. 0.012 min
Lab File: BF126923.D
Acq: 17 Feb 2022 13:02

Tgt Ion:112 Resp: 934483
Ion Ratio Lower Upper
112 100
64 70.1 49.5 74.3
63 37.7 23.9 35.9#

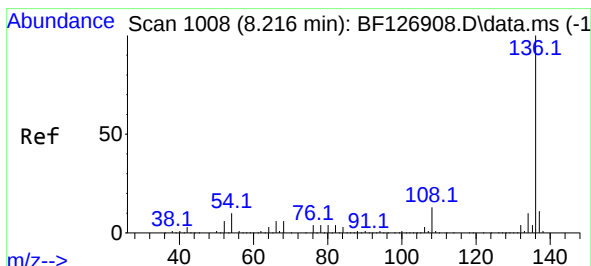
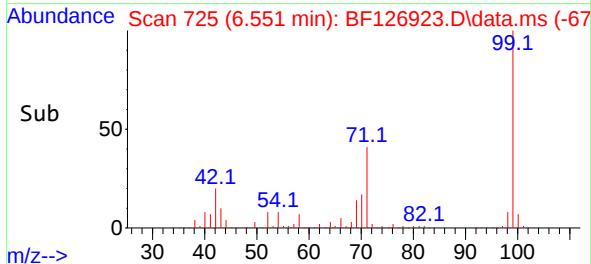
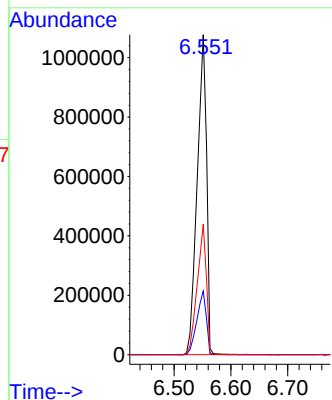
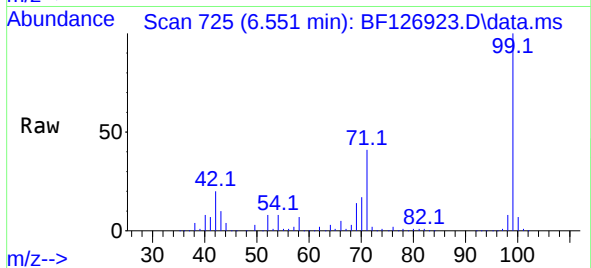




#7
Phenol-d6
Concen: 120.158 ng
RT: 6.551 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF126923.D
Acq: 17 Feb 2022 13:02

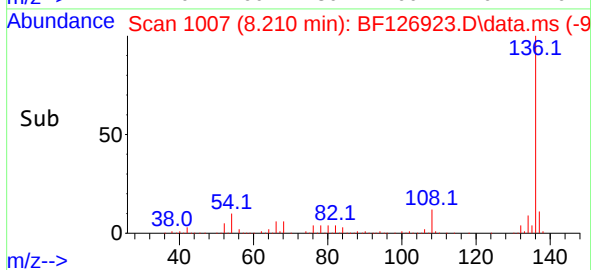
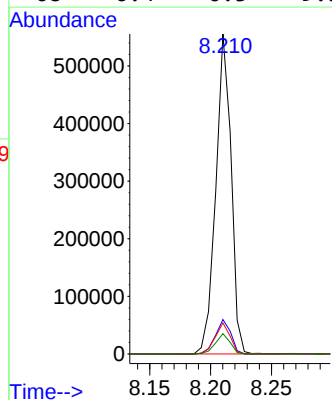
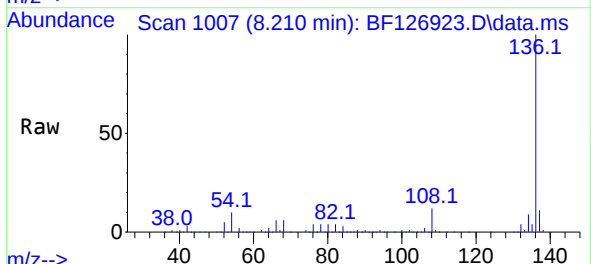
Instrument :
BNA_F
ClientSampleId :
PB142646BL

Tgt Ion: 99 Resp: 1245000
Ion Ratio Lower Upper
99 100
42 19.9 14.2 21.4
71 40.8 24.3 36.5#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.210 min Scan# 1007
Delta R.T. -0.006 min
Lab File: BF126923.D
Acq: 17 Feb 2022 13:02

Tgt Ion:136 Resp: 485578
Ion Ratio Lower Upper
136 100
137 10.8 8.6 13.0
54 9.7 7.8 11.6
68 6.4 6.3 9.5

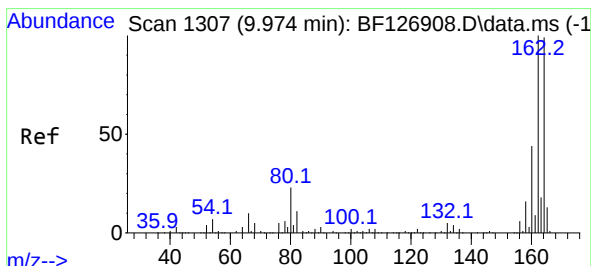
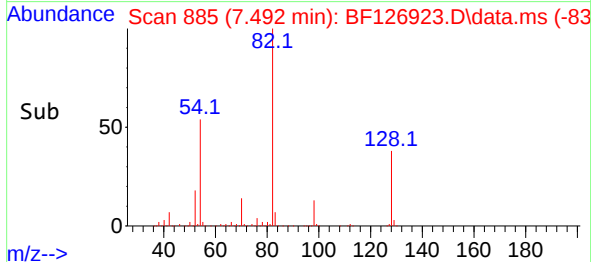
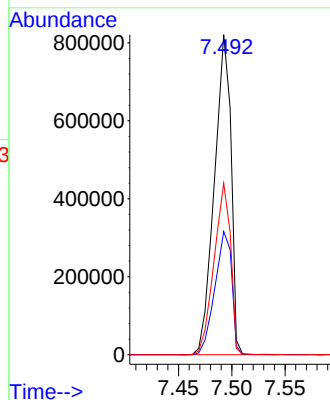
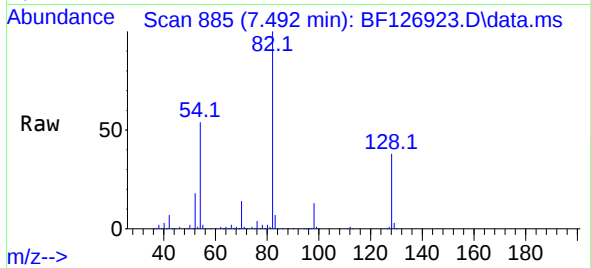




#23
Nitrobenzene-d5
Concen: 82.458 ng
RT: 7.492 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF126923.D
Acq: 17 Feb 2022 13:02

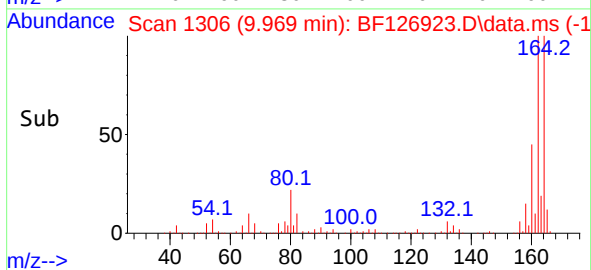
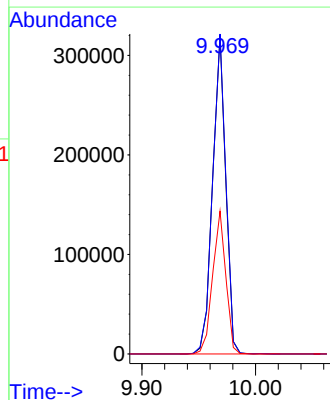
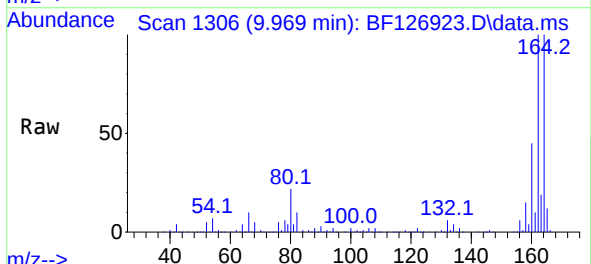
Instrument :
BNA_F
ClientSampleId :
PB142646BL

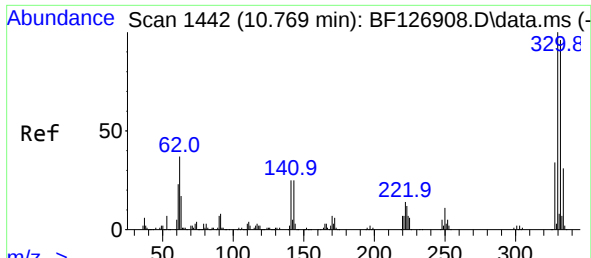
Tgt Ion: 82 Resp: 887071
Ion Ratio Lower Upper
82 100
128 38.5 32.7 49.1
54 53.5 41.7 62.5



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.969 min Scan# 1306
Delta R.T. -0.006 min
Lab File: BF126923.D
Acq: 17 Feb 2022 13:02

Tgt Ion: 164 Resp: 256150
Ion Ratio Lower Upper
164 100
162 100.4 81.4 122.0
160 44.8 36.6 54.8





#42

2,4,6-Tribromophenol

Concen: 128.657 ng

RT: 10.763 min Scan# 1441

Delta R.T. -0.006 min

Lab File: BF126923.D

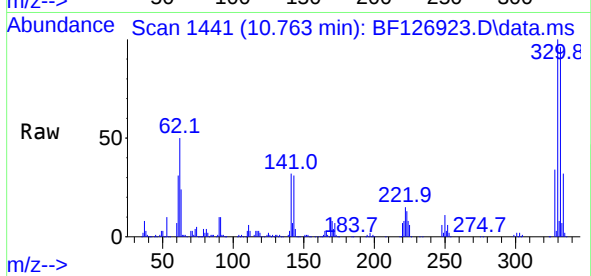
Acq: 17 Feb 2022 13:02

Instrument :

BNA_F

ClientSampleId :

PB142646BL



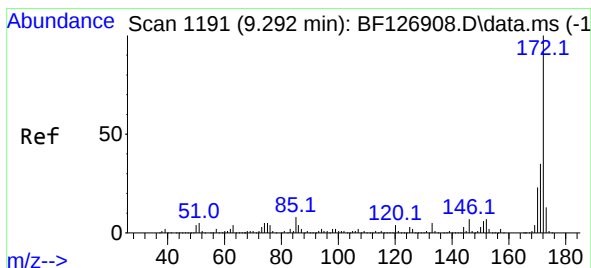
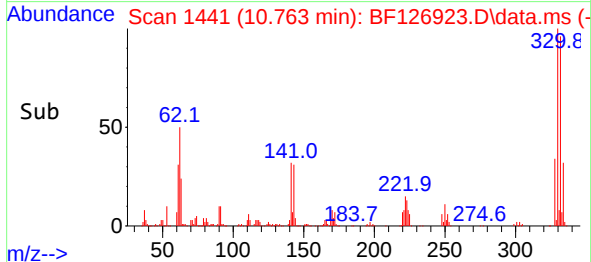
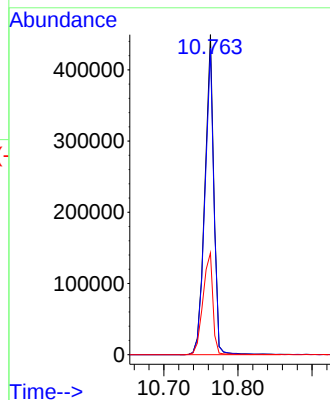
Tgt Ion:330 Resp: 379438

Ion Ratio Lower Upper

330 100

332 96.1 76.0 114.0

141 35.1 30.1 45.1



#45

2-Fluorobiphenyl

Concen: 80.709 ng

RT: 9.286 min Scan# 1190

Delta R.T. -0.006 min

Lab File: BF126923.D

Acq: 17 Feb 2022 13:02

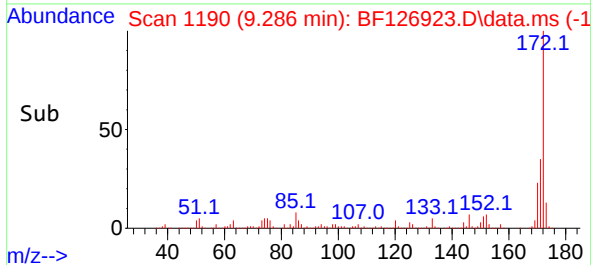
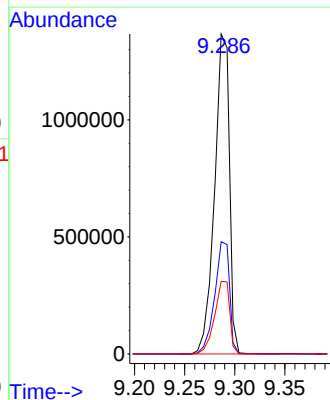
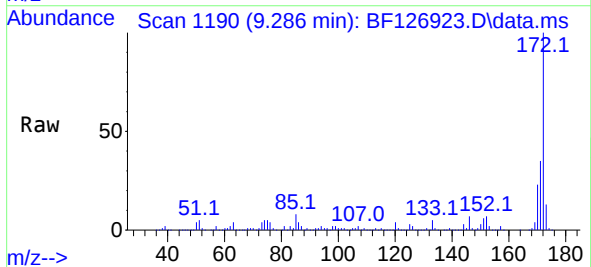
Tgt Ion:172 Resp: 1404309

Ion Ratio Lower Upper

172 100

171 35.0 28.3 42.5

170 22.7 19.0 28.6

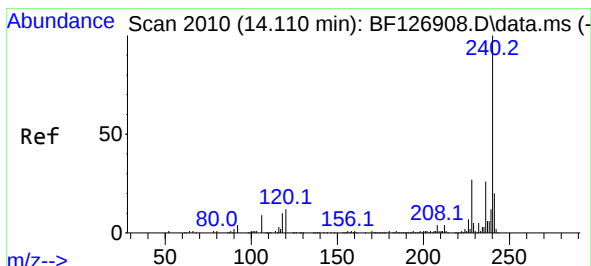
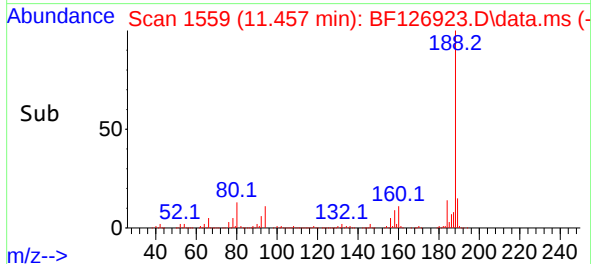
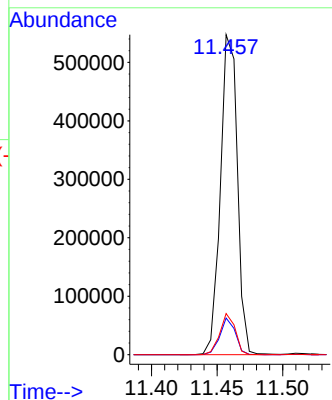
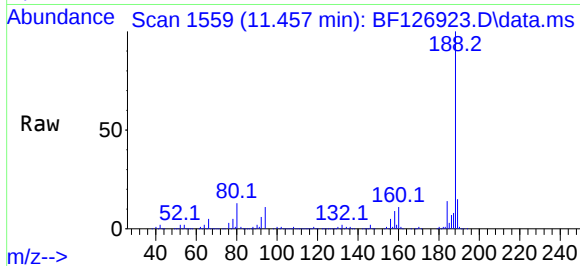




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.457 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF126923.D
Acq: 17 Feb 2022 13:02

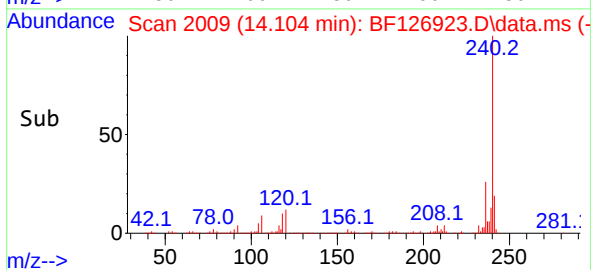
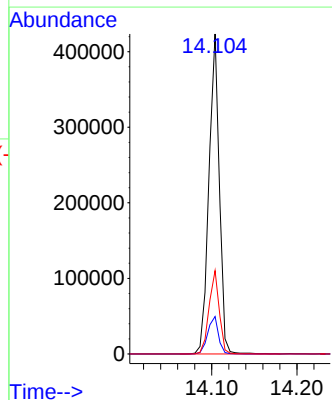
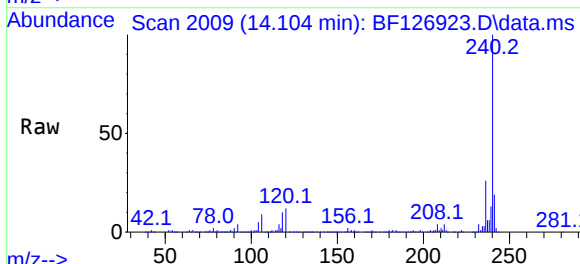
Instrument :
BNA_F
ClientSampleId :
PB142646BL

Tgt Ion:188 Resp: 490401
Ion Ratio Lower Upper
188 100
94 11.5 10.1 15.1
80 12.9 11.8 17.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.104 min Scan# 2009
Delta R.T. -0.006 min
Lab File: BF126923.D
Acq: 17 Feb 2022 13:02

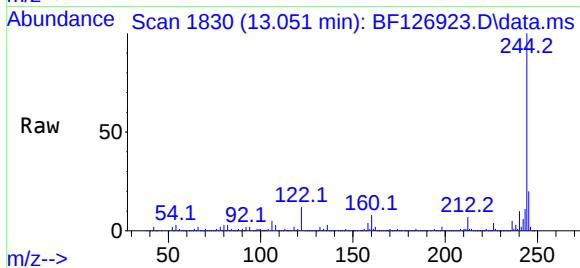
Tgt Ion:240 Resp: 359095
Ion Ratio Lower Upper
240 100
120 11.7 14.4 21.6#
236 26.1 20.5 30.7



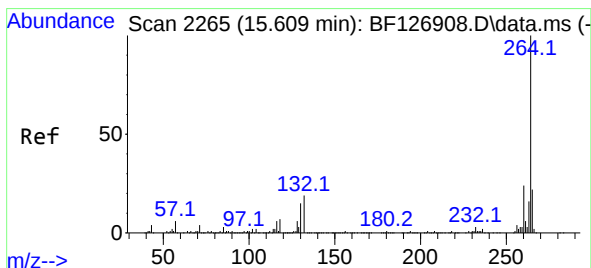
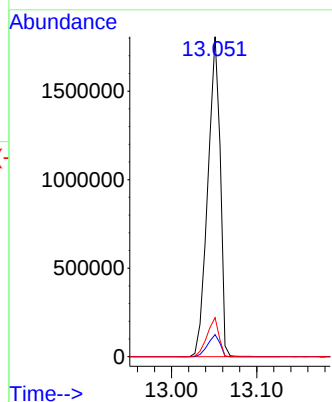
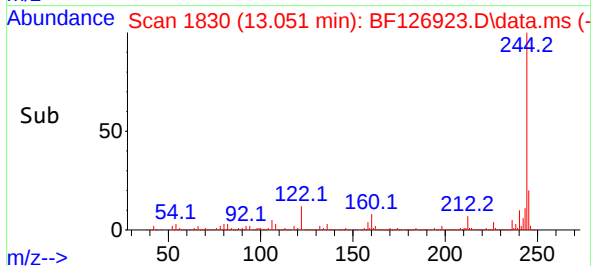


#79
 Terphenyl-d14
 Concen: 74.519 ng
 RT: 13.051 min Scan# 1830
 Delta R.T. 0.000 min
 Lab File: BF126923.D
 Acq: 17 Feb 2022 13:02

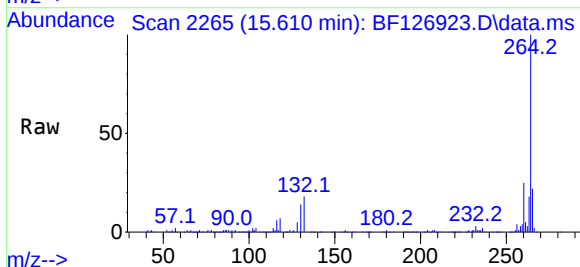
Instrument :
 BNA_F
 ClientSampleId :
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Tgt Ion:244 Resp: 1820315
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.0 7.4
 122 12.2 13.3 19.9#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.610 min Scan# 2265
 Delta R.T. 0.000 min
 Lab File: BF126923.D
 Acq: 17 Feb 2022 13:02



Tgt Ion:264 Resp: 285576
 Ion Ratio Lower Upper
 264 100
 260 25.0 19.2 28.8
 265 21.6 17.4 26.2

