

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121621\
 Data File : BF126223.D
 Acq On : 16 Dec 2021 21:23
 Operator : JU/CG
 Sample : M4927-07
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PH1-BOT-9

Quant Time: Dec 17 01:48:16 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121521.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 16 12:22:48 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.816	152	192981	20.000	ng	0.00
21) Naphthalene-d8	8.098	136	789150	20.000	ng	# 0.00
39) Acenaphthene-d10	9.851	164	351526	20.000	ng	0.00
64) Phenanthrene-d10	11.333	188	490665	20.000	ng	# 0.00
76) Chrysene-d12	13.968	240	370192	20.000	ng	# 0.00
86) Perylene-d12	15.410	264	307993	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.422	112	1259004	96.075	ng	0.00
7) Phenol-d6	6.439	99	1611195	96.831	ng	0.00
23) Nitrobenzene-d5	7.375	82	1013026	69.524	ng	0.00
42) 2,4,6-Tribromophenol	10.633	330	241090	85.341	ng	0.00
45) 2-Fluorobiphenyl	9.175	172	1362536	67.981	ng	0.00
79) Terphenyl-d14	12.921	244	1064780	49.993	ng	0.00

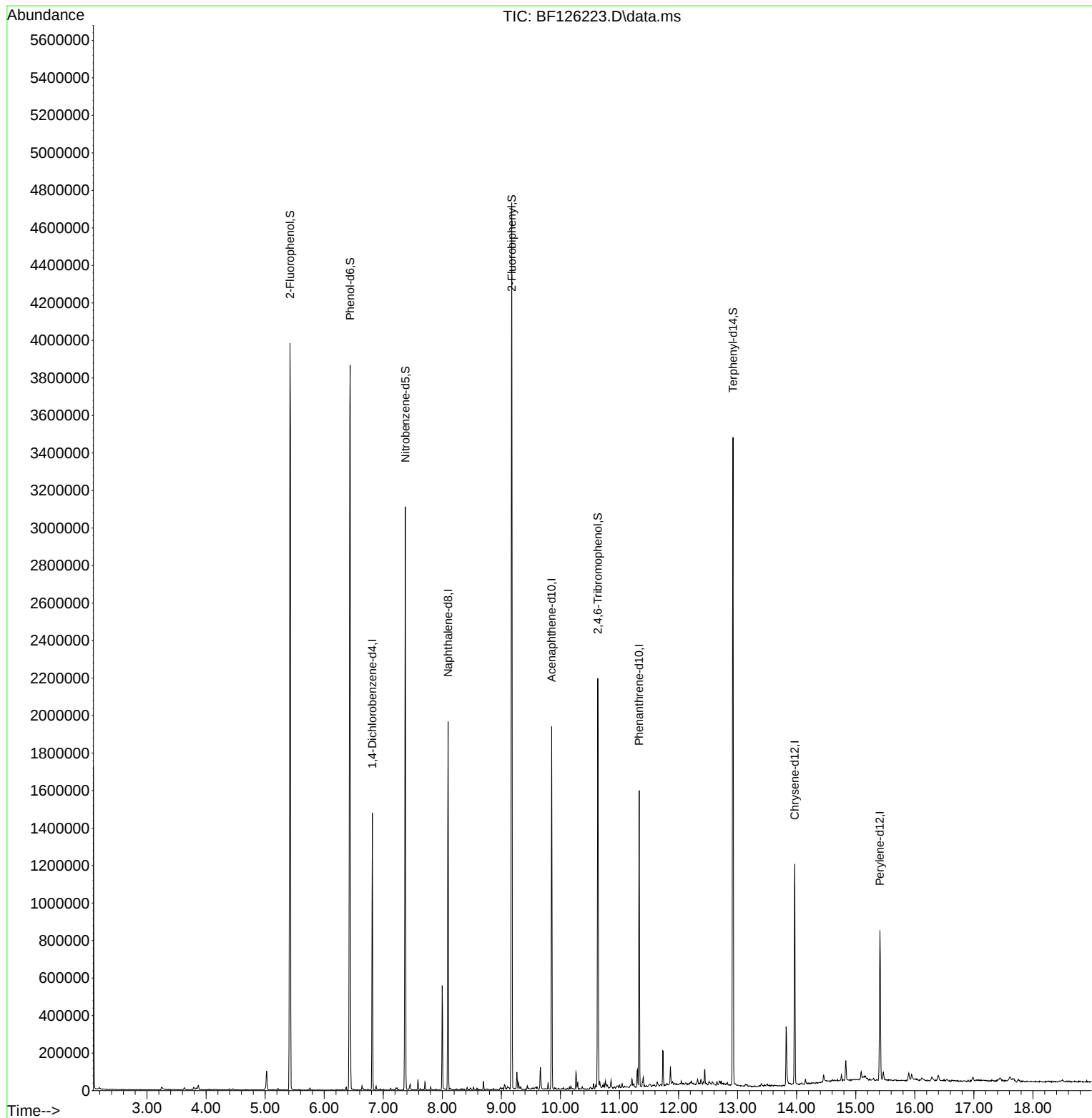
Target Compounds	Qvalue

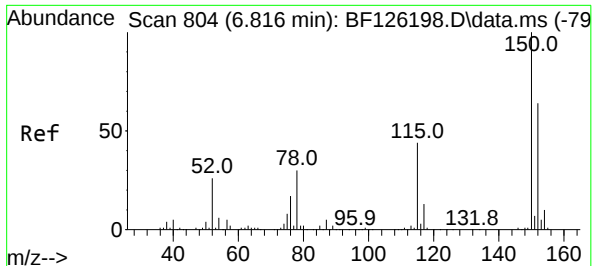
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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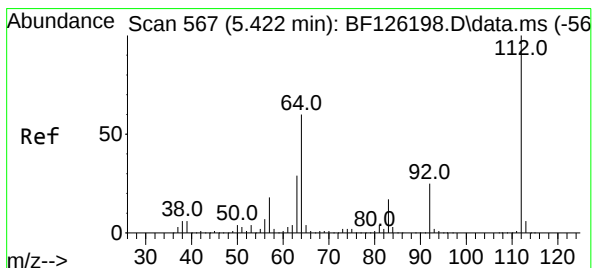
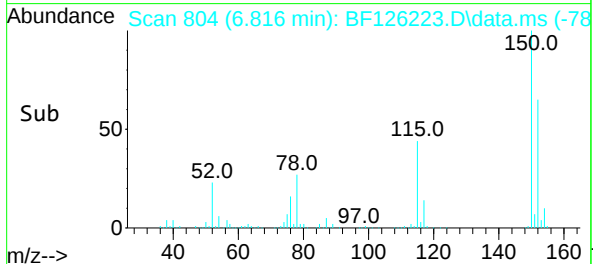
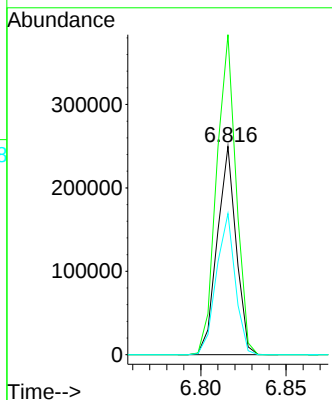
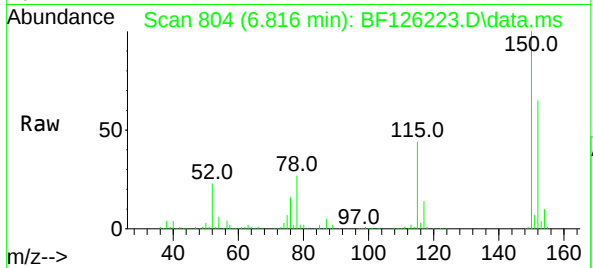




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.816 min Scan# 804
Delta R.T. -0.000 min
Lab File: BF126223.D
Acq: 16 Dec 2021 21:23

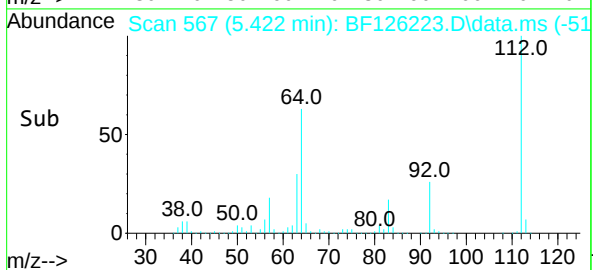
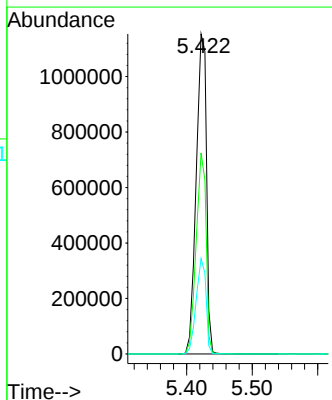
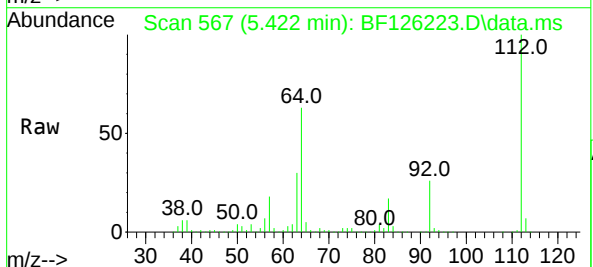
Instrument :
BNA_F
ClientSampleId :
PH1-BOT-9

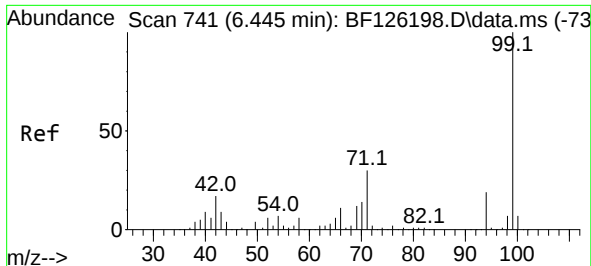
Tgt Ion:152 Resp: 192981
Ion Ratio Lower Upper
152 100
150 153.6 117.6 176.4
115 67.8 47.1 70.7



#5
2-Fluorophenol
Concen: 96.075 ng
RT: 5.422 min Scan# 567
Delta R.T. 0.000 min
Lab File: BF126223.D
Acq: 16 Dec 2021 21:23

Tgt Ion:112 Resp: 1259004
Ion Ratio Lower Upper
112 100
64 62.8 44.2 66.2
63 29.8 26.2 39.2

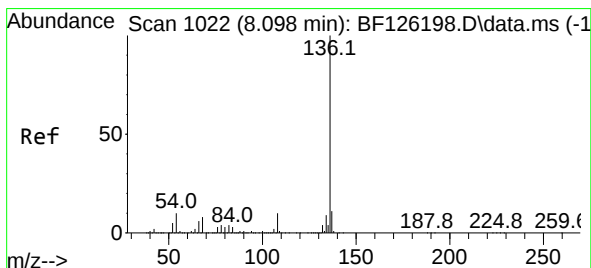
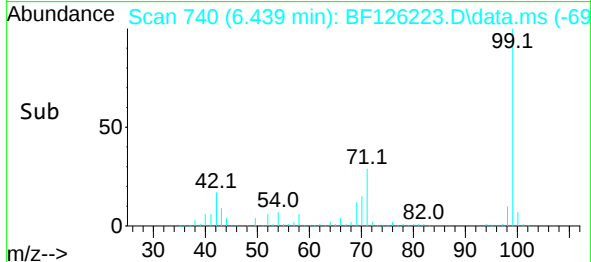
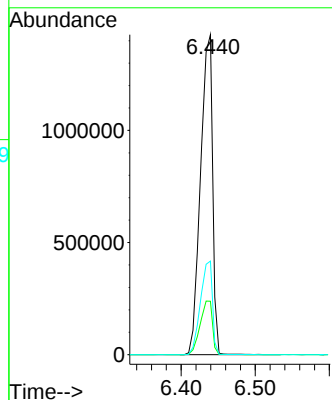
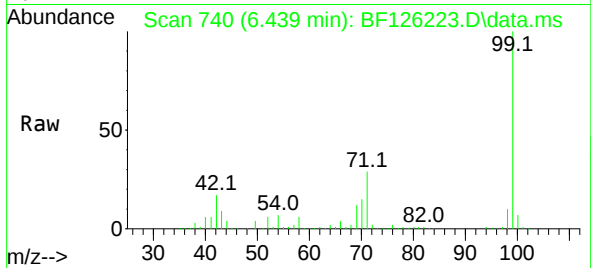




#7
Phenol-d6
Concen: 96.831 ng
RT: 6.439 min Scan# 741
Delta R.T. -0.006 min
Lab File: BF126223.D
Acq: 16 Dec 2021 21:23

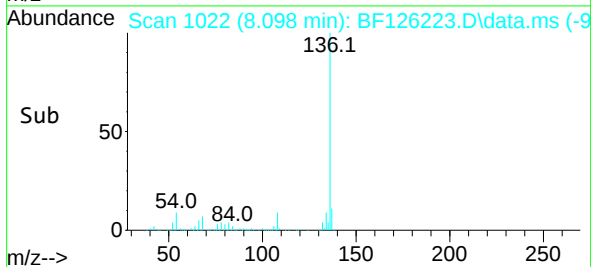
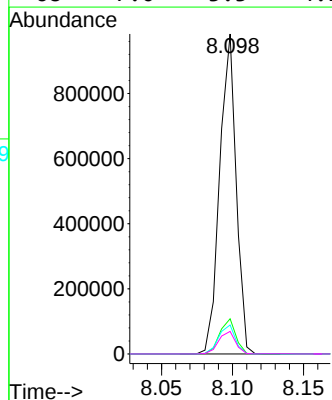
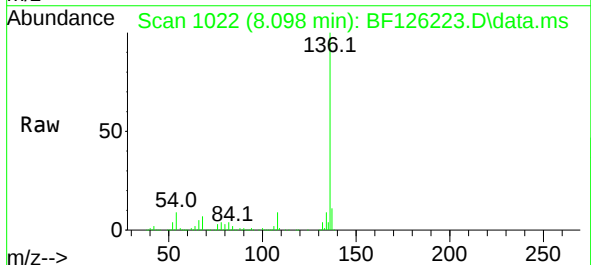
Instrument :
BNA_F
ClientSampleId :
PH1-BOT-9

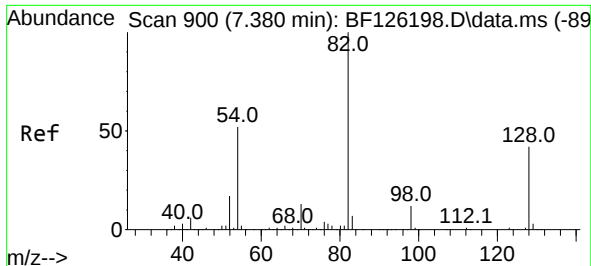
Tgt Ion: 99 Resp: 1611195
Ion Ratio Lower Upper
99 100
42 16.7 23.5 35.3#
71 29.3 25.6 38.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.098 min Scan# 1022
Delta R.T. 0.000 min
Lab File: BF126223.D
Acq: 16 Dec 2021 21:23

Tgt Ion: 136 Resp: 789150
Ion Ratio Lower Upper
136 100
137 11.0 9.8 14.6
54 9.0 6.4 9.6
68 7.0 3.3 4.9#





#23

Nitrobenzene-d5

Concen: 69.524 ng

RT: 7.375 min Scan# 89

Delta R.T. -0.006 min

Lab File: BF126223.D

Acq: 16 Dec 2021 21:23

Instrument :

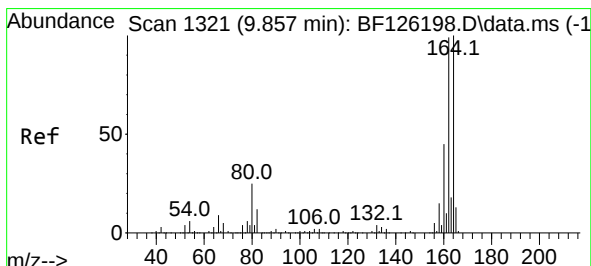
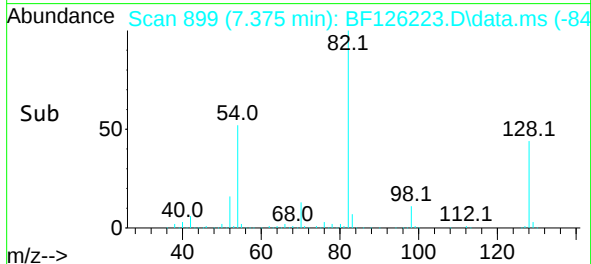
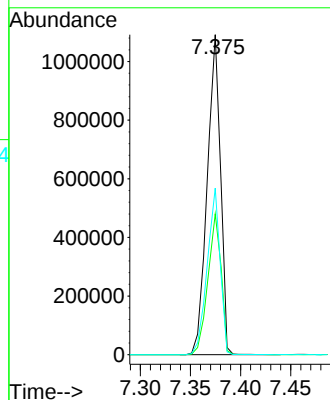
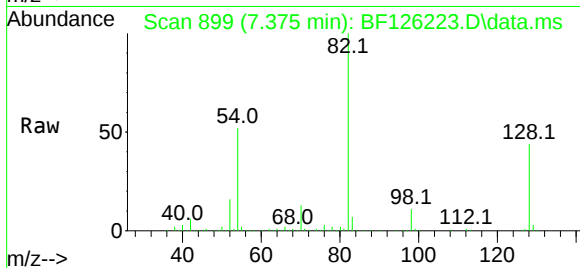
BNA_F

ClientSampleId :

PH1-BOT-9

Tgt Ion: 82 Resp: 1013026

Ion	Ratio	Lower	Upper
82	100		
128	44.0	40.6	60.8
54	52.1	49.6	74.4



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.851 min Scan# 1320

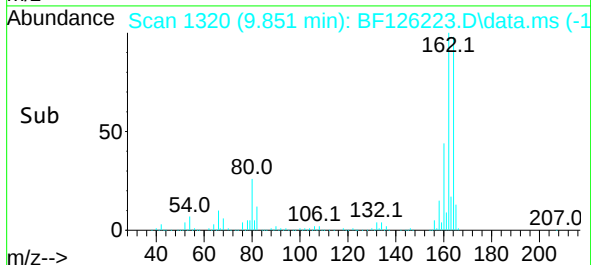
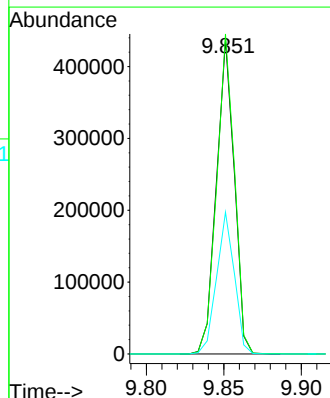
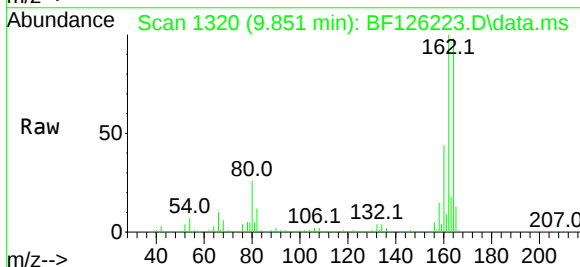
Delta R.T. -0.006 min

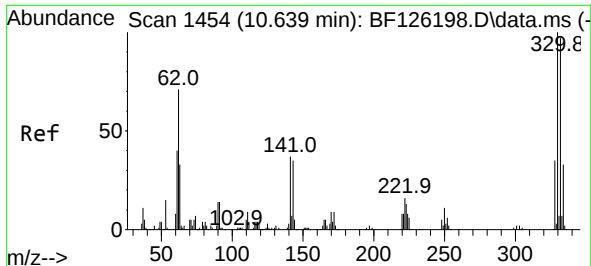
Lab File: BF126223.D

Acq: 16 Dec 2021 21:23

Tgt Ion:164 Resp: 351526

Ion	Ratio	Lower	Upper
164	100		
162	101.8	81.3	121.9
160	45.1	38.0	57.0





#42

2,4,6-Tribromophenol

Concen: 85.341 ng

RT: 10.633 min Scan# 1453

Delta R.T. -0.006 min

Lab File: BF126223.D

Acq: 16 Dec 2021 21:23

Instrument :

BNA_F

ClientSampleId :

PH1-BOT-9

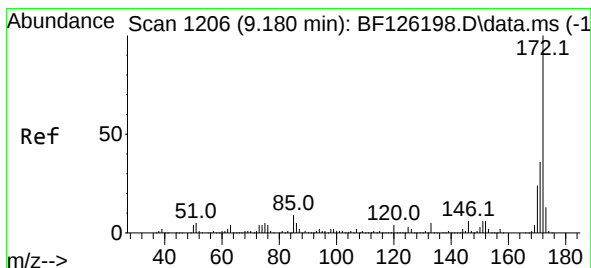
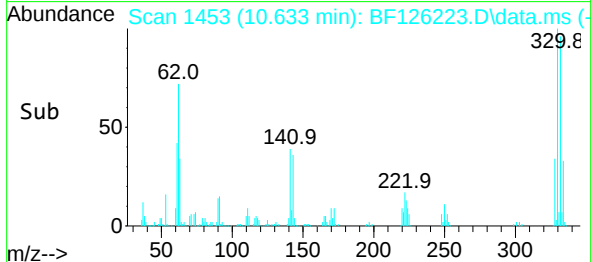
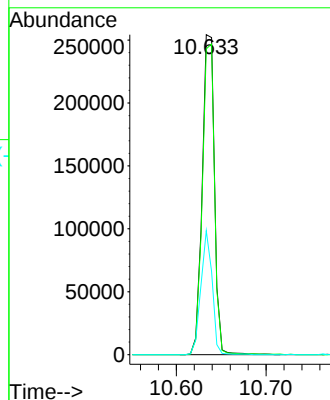
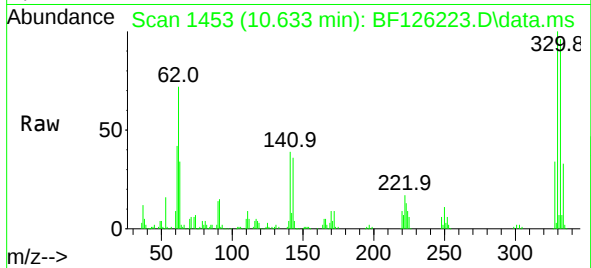
Tgt Ion:330 Resp: 241090

Ion Ratio Lower Upper

330 100

332 96.2 76.2 114.4

141 35.7 44.6 66.8#



#45

2-Fluorobiphenyl

Concen: 67.981 ng

RT: 9.175 min Scan# 1205

Delta R.T. -0.006 min

Lab File: BF126223.D

Acq: 16 Dec 2021 21:23

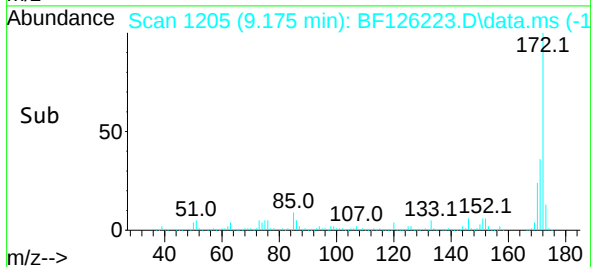
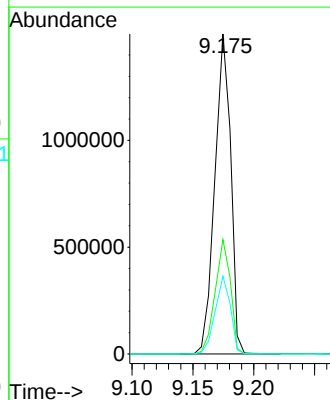
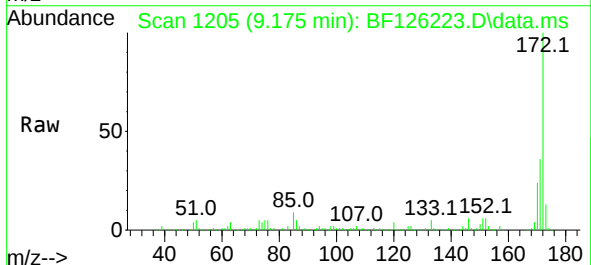
Tgt Ion:172 Resp: 1362536

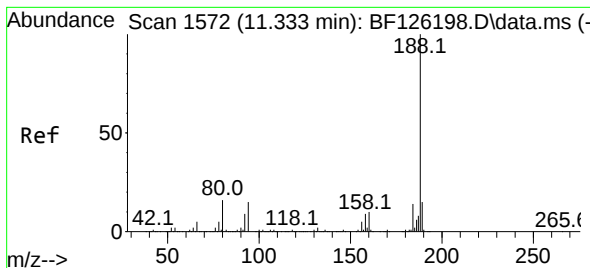
Ion Ratio Lower Upper

172 100

171 35.8 26.5 39.7

170 24.3 18.8 28.2





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.333 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF126223.D

Acq: 16 Dec 2021 21:23

Instrument :

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ClientSampleId :

PH1-BOT-9

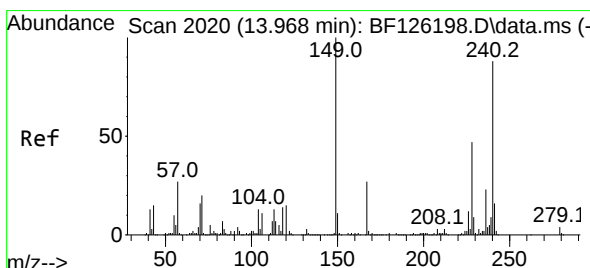
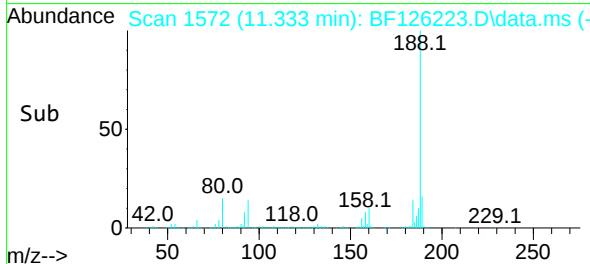
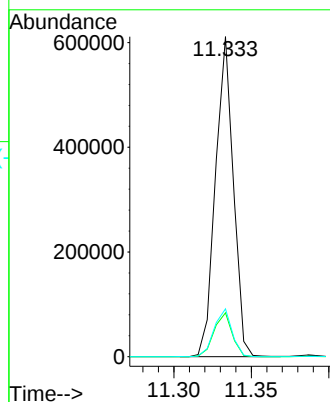
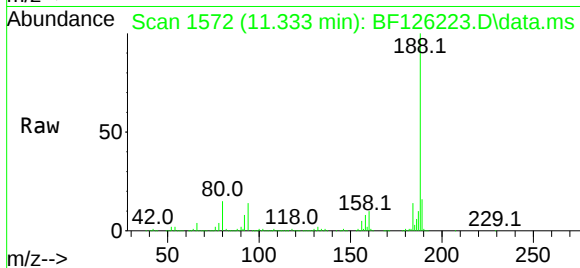
Tgt Ion:188 Resp: 490665

Ion Ratio Lower Upper

188 100

94 13.7 6.7 10.1#

80 15.0 7.5 11.3#



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.968 min Scan# 2020

Delta R.T. 0.000 min

Lab File: BF126223.D

Acq: 16 Dec 2021 21:23

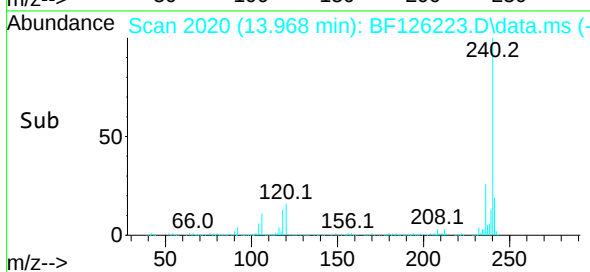
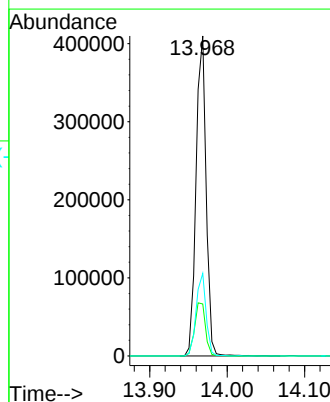
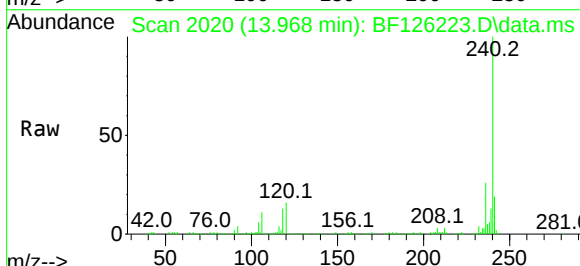
Tgt Ion:240 Resp: 370192

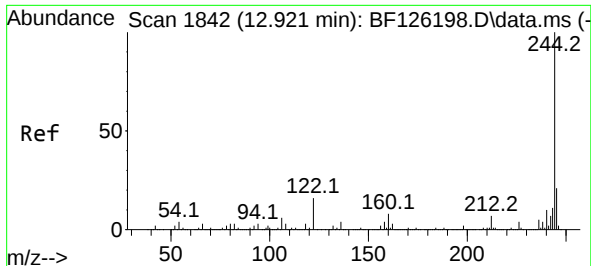
Ion Ratio Lower Upper

240 100

120 16.3 10.8 16.2#

236 25.8 21.6 32.4





#79

Terphenyl-d14

Concen: 49.993 ng

RT: 12.921 min Scan# 1842

Delta R.T. 0.000 min

Lab File: BF126223.D

Acq: 16 Dec 2021 21:23

Instrument :

BNA_F

ClientSampleId :

PH1-BOT-9

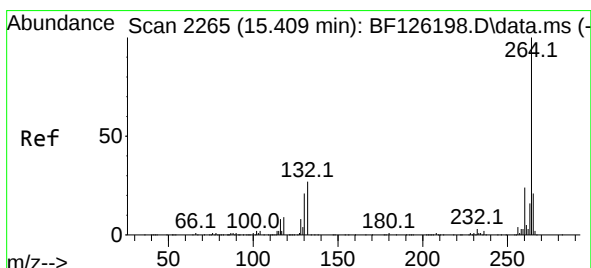
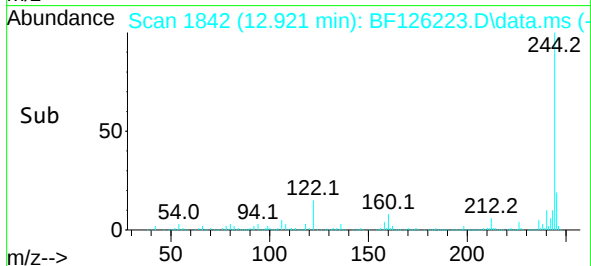
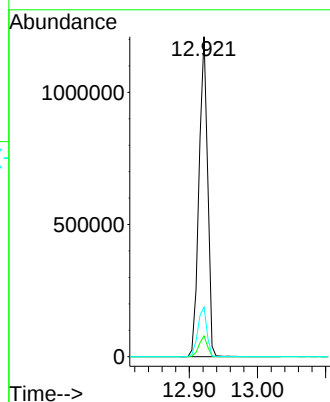
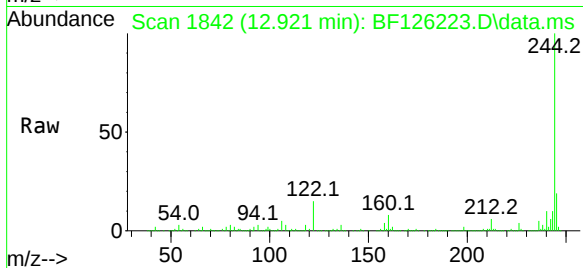
Tgt Ion:244 Resp: 1064780

Ion Ratio Lower Upper

244 100

212 6.5 5.9 8.9

122 15.5 9.0 13.4#



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.410 min Scan# 2265

Delta R.T. 0.000 min

Lab File: BF126223.D

Acq: 16 Dec 2021 21:23

Tgt Ion:264 Resp: 307993

Ion Ratio Lower Upper

264 100

260 22.6 19.6 29.4

265 21.2 17.2 25.8

