

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122121\
 Data File : BF126312.D
 Acq On : 21 Dec 2021 23:22
 Operator : JU/CG
 Sample : M5184-05
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-5

Quant Time: Dec 22 05:23:41 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	189128	20.000	ng	0.00
21) Naphthalene-d8	8.098	136	834370	20.000	ng	# 0.00
39) Acenaphthene-d10	9.851	164	412721	20.000	ng	0.00
64) Phenanthrene-d10	11.339	188	675585	20.000	ng	# 0.00
76) Chrysene-d12	13.974	240	475090	20.000	ng	0.00
86) Perylene-d12	15.421	264	357044	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.434	112	1199815	93.424	ng	0.01
7) Phenol-d6	6.445	99	1532261	93.964	ng	0.00
23) Nitrobenzene-d5	7.375	82	1031881	66.980	ng	0.00
42) 2,4,6-Tribromophenol	10.645	330	348290	105.007	ng	0.00
45) 2-Fluorobiphenyl	9.175	172	1475069	62.684	ng	0.00
79) Terphenyl-d14	12.927	244	1327092	48.552	ng	0.00

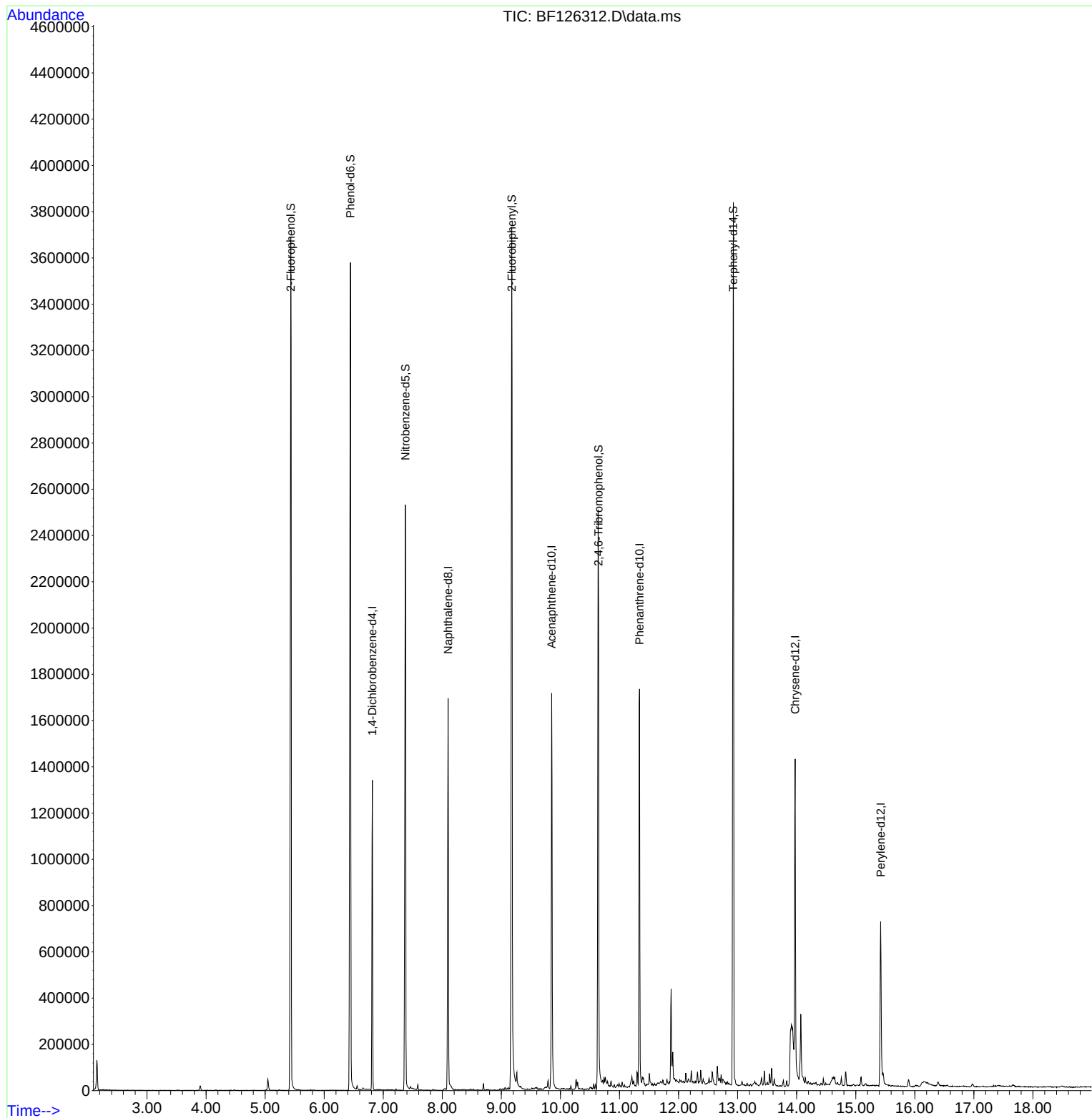
Target Compounds	Qvalue

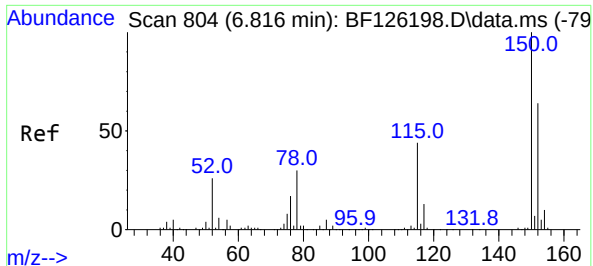
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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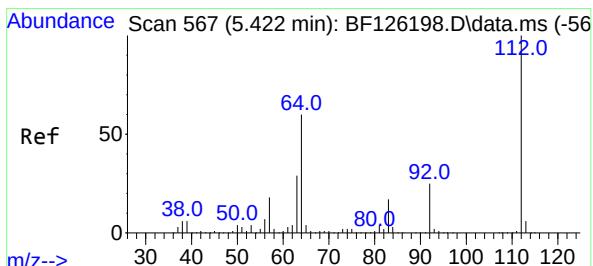
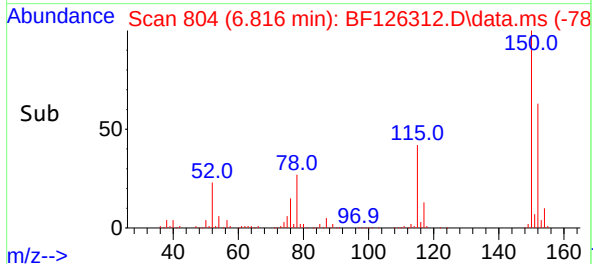
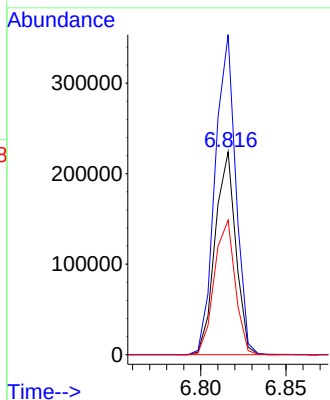
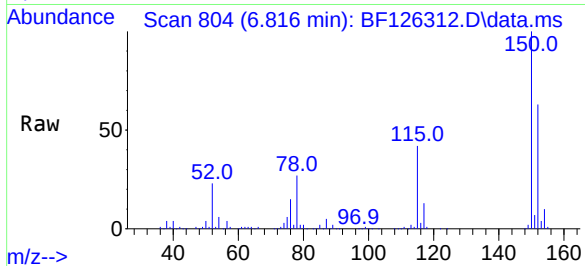




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.816 min Scan# 804
Delta R.T. -0.000 min
Lab File: BF126312.D
Acq: 21 Dec 2021 23:22

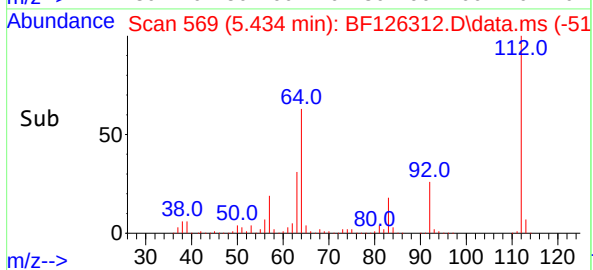
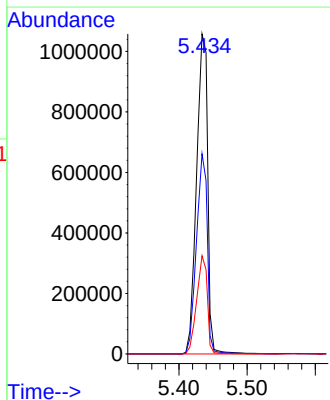
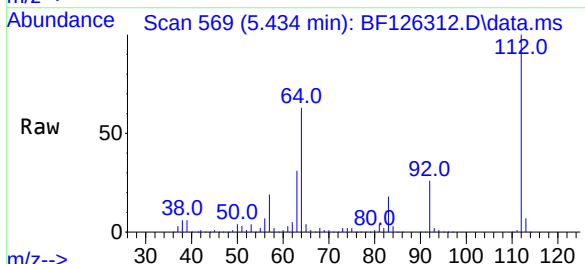
Instrument :
BNA_F
ClientSampleId :
SB-5

Tgt Ion:152 Resp: 189128
Ion Ratio Lower Upper
152 100
150 157.7 117.6 176.4
115 66.3 47.1 70.7

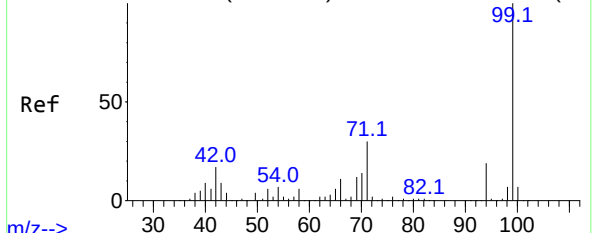


#5
2-Fluorophenol
Concen: 93.424 ng
RT: 5.434 min Scan# 569
Delta R.T. 0.012 min
Lab File: BF126312.D
Acq: 21 Dec 2021 23:22

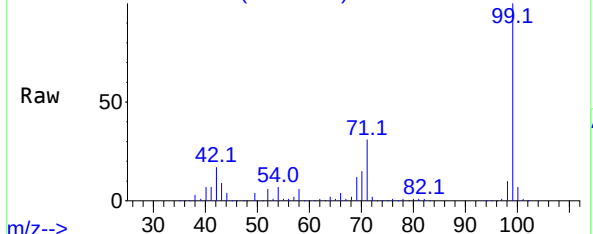
Tgt Ion:112 Resp: 1199815
Ion Ratio Lower Upper
112 100
64 62.5 44.2 66.2
63 30.7 26.2 39.2



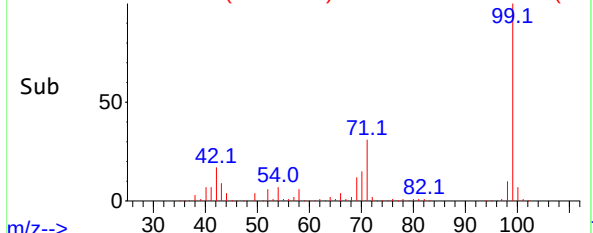
Abundance Scan 741 (6.445 min): BF126198.D\data.ms (-73



m/z--> Scan 741 (6.445 min): BF126312.D\data.ms



m/z--> Scan 741 (6.445 min): BF126312.D\data.ms (-69



m/z-->

#7

Phenol-d6

Concen: 93.964 ng

RT: 6.445 min Scan# 741

Delta R.T. 0.000 min

Lab File: BF126312.D

Acq: 21 Dec 2021 23:22

Instrument :

BNA_F

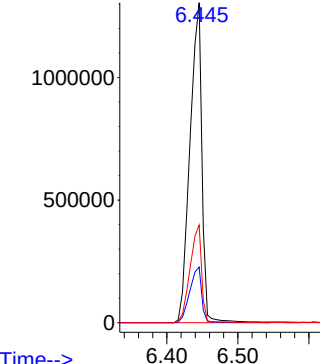
ClientSampleId :

SB-5

Tgt Ion: 99 Resp: 1532261

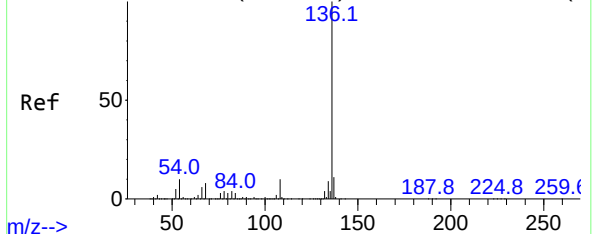
Ion	Ratio	Lower	Upper
99	100		
42	17.3	23.5	35.3#
71	30.5	25.6	38.4

Abundance

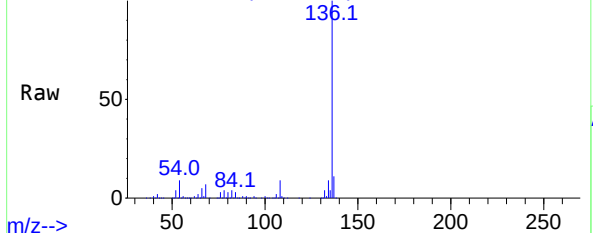


Time-->

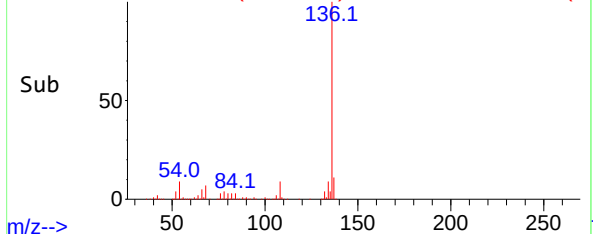
Abundance Scan 1022 (8.098 min): BF126198.D\data.ms (-1



m/z--> Scan 1022 (8.098 min): BF126312.D\data.ms



m/z--> Scan 1022 (8.098 min): BF126312.D\data.ms (-9



m/z-->

#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.098 min Scan# 1022

Delta R.T. 0.000 min

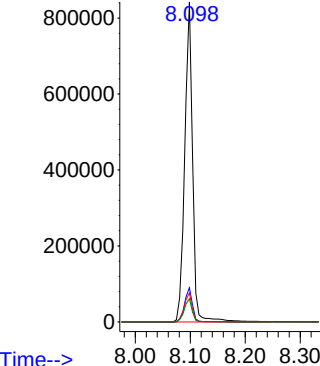
Lab File: BF126312.D

Acq: 21 Dec 2021 23:22

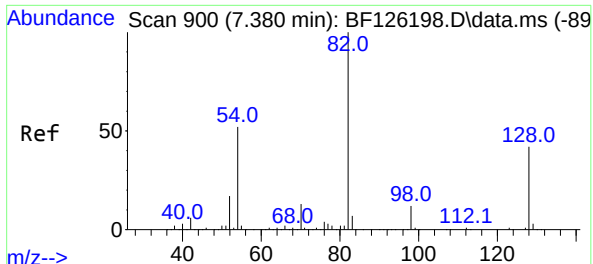
Tgt Ion:136 Resp: 834370

Ion	Ratio	Lower	Upper
136	100		
137	10.7	9.8	14.6
54	9.1	6.4	9.6
68	7.3	3.3	4.9#

Abundance



Time-->



#23

Nitrobenzene-d5

Concen: 66.980 ng

RT: 7.375 min Scan# 89

Delta R.T. -0.006 min

Lab File: BF126312.D

Acq: 21 Dec 2021 23:22

Instrument :

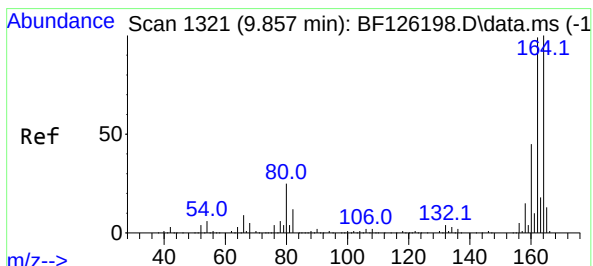
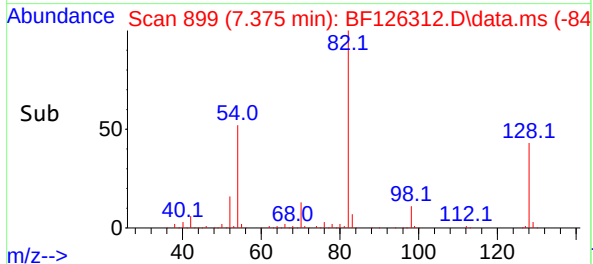
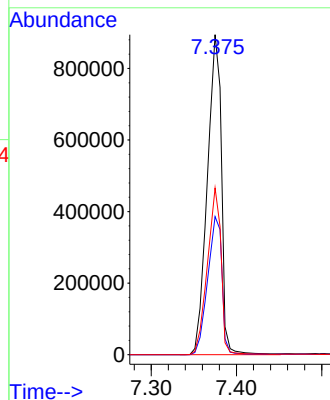
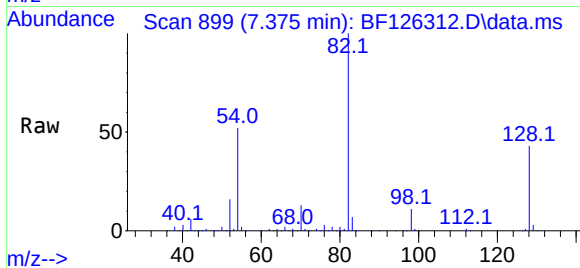
BNA_F

ClientSampleId :

SB-5

Tgt Ion: 82 Resp: 1031881

Ion	Ratio	Lower	Upper
82	100		
128	43.1	40.6	60.8
54	52.1	49.6	74.4



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.851 min Scan# 1320

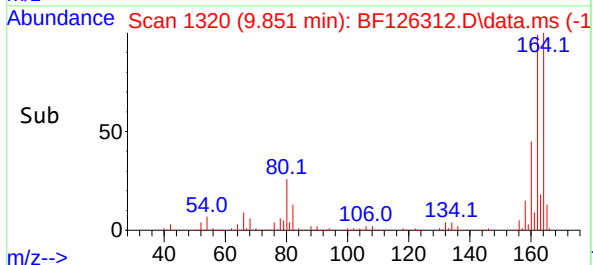
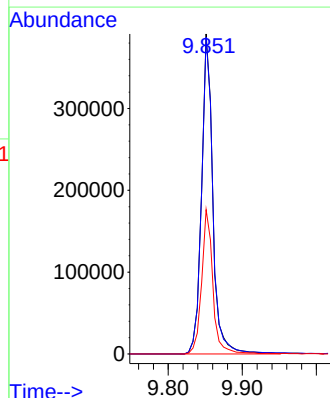
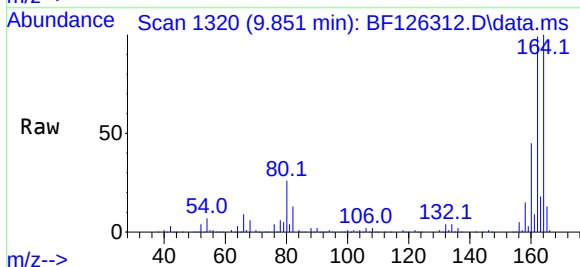
Delta R.T. -0.006 min

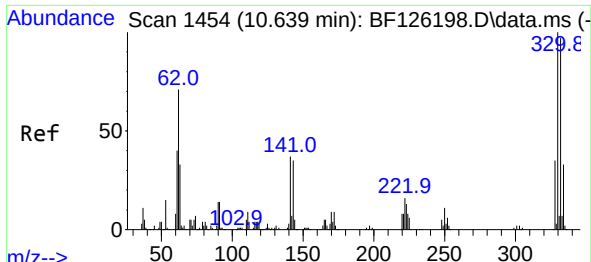
Lab File: BF126312.D

Acq: 21 Dec 2021 23:22

Tgt Ion:164 Resp: 412721

Ion	Ratio	Lower	Upper
164	100		
162	98.9	81.3	121.9
160	45.1	38.0	57.0





#42

2,4,6-Tribromophenol

Concen: 105.007 ng

RT: 10.645 min Scan# 1454

Delta R.T. 0.006 min

Lab File: BF126312.D

Acq: 21 Dec 2021 23:22

Instrument :

BNA_F

ClientSampleId :

SB-5

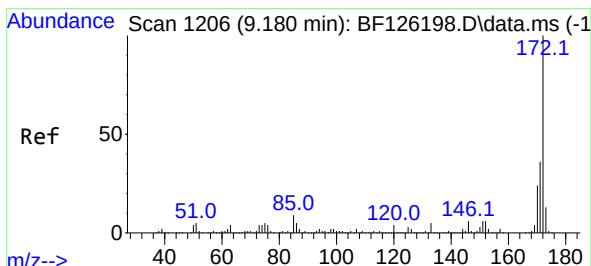
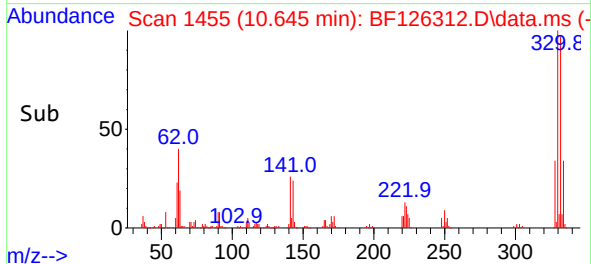
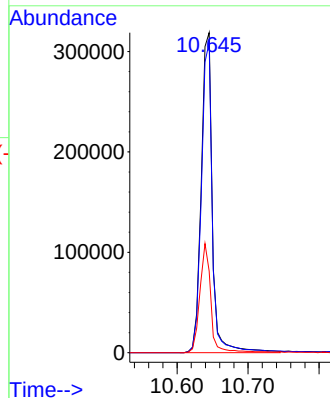
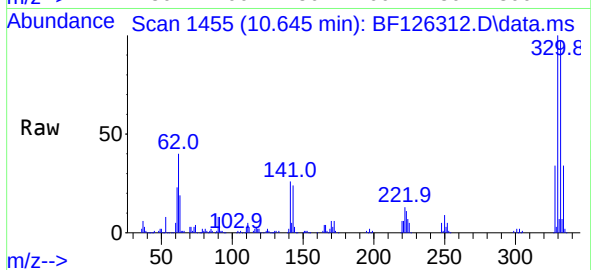
Tgt Ion:330 Resp: 348290

Ion Ratio Lower Upper

330 100

332 96.7 76.2 114.4

141 34.0 44.6 66.8#



#45

2-Fluorobiphenyl

Concen: 62.684 ng

RT: 9.175 min Scan# 1205

Delta R.T. -0.006 min

Lab File: BF126312.D

Acq: 21 Dec 2021 23:22

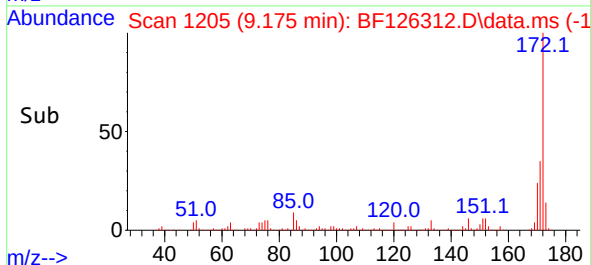
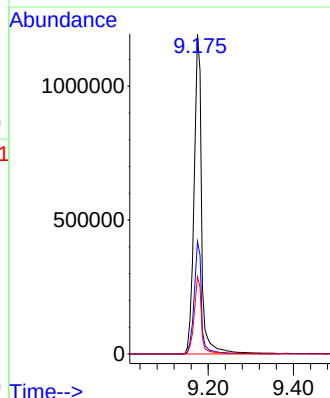
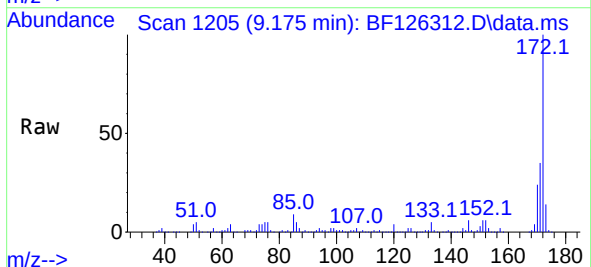
Tgt Ion:172 Resp: 1475069

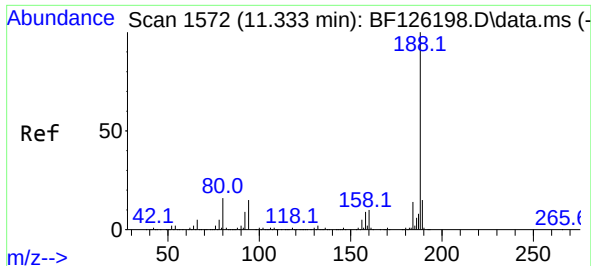
Ion Ratio Lower Upper

172 100

171 35.1 26.5 39.7

170 24.2 18.8 28.2

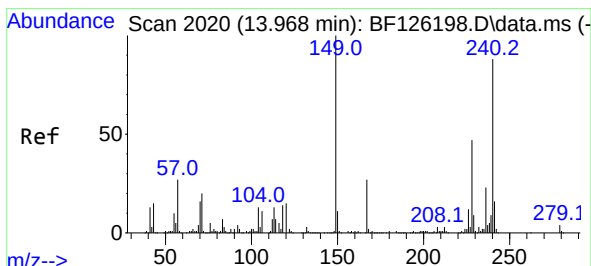
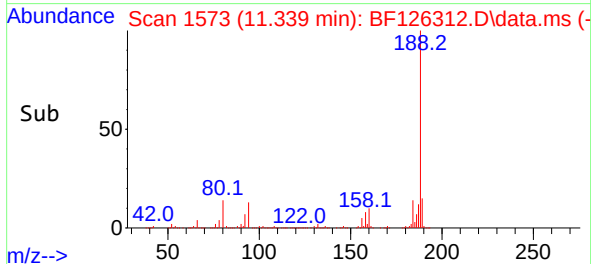
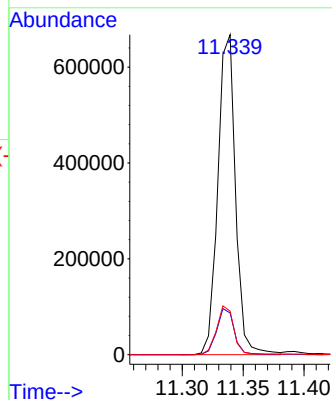
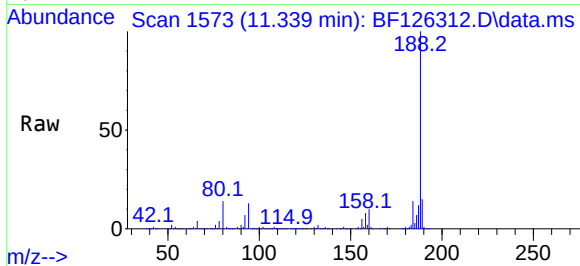




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.339 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF126312.D
Acq: 21 Dec 2021 23:22

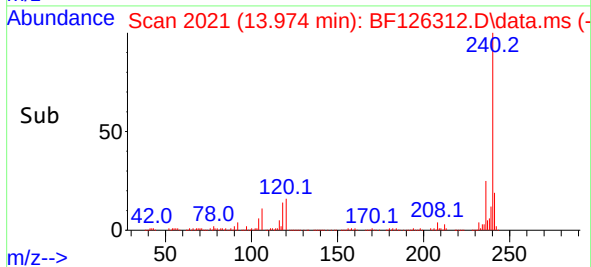
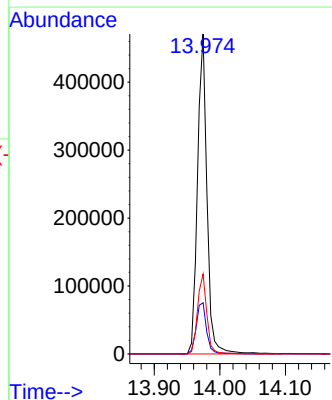
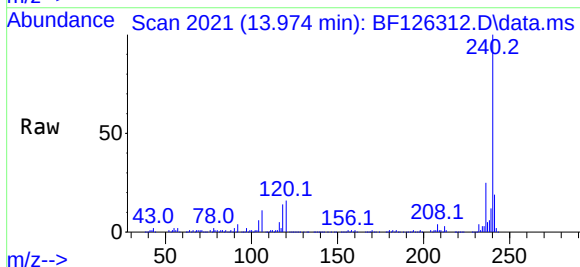
Instrument :
BNA_F
ClientSampleId :
SB-5

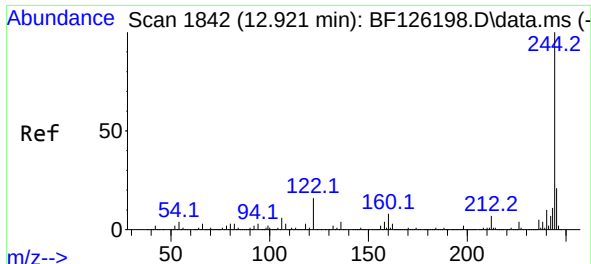
Tgt Ion:188 Resp: 675585
Ion Ratio Lower Upper
188 100
94 13.1 6.7 10.1#
80 13.6 7.5 11.3#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.974 min Scan# 2021
Delta R.T. 0.006 min
Lab File: BF126312.D
Acq: 21 Dec 2021 23:22

Tgt Ion:240 Resp: 475090
Ion Ratio Lower Upper
240 100
120 16.0 10.8 16.2
236 25.0 21.6 32.4

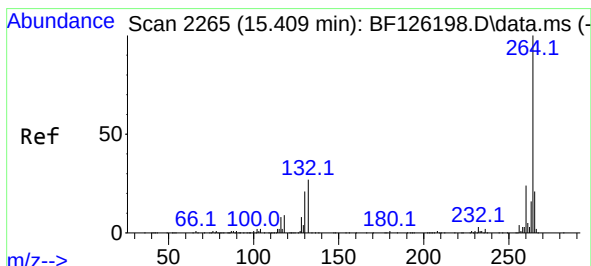
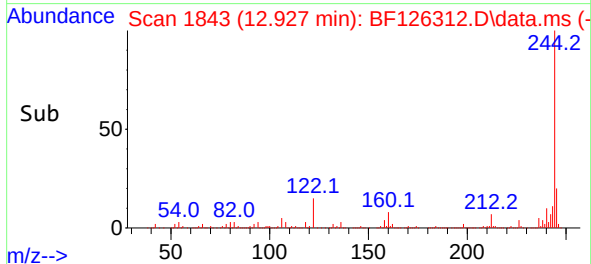
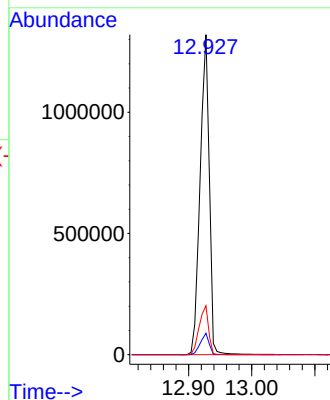
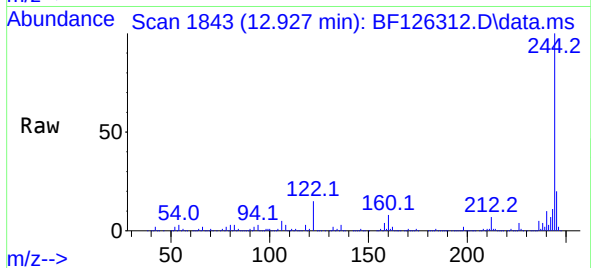




#79
 Terphenyl-d14
 Concen: 48.552 ng
 RT: 12.927 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: BF126312.D
 Acq: 21 Dec 2021 23:22

Instrument :
 BNA_F
 ClientSampleId :
 SB-5

Tgt Ion:244 Resp: 1327092
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.9 8.9
 122 15.3 9.0 13.4#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.421 min Scan# 2267
 Delta R.T. 0.012 min
 Lab File: BF126312.D
 Acq: 21 Dec 2021 23:22

Tgt Ion:264 Resp: 357044
 Ion Ratio Lower Upper
 264 100
 260 22.9 19.6 29.4
 265 20.8 17.2 25.8

