

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122121\
 Data File : BF126308.D
 Acq On : 21 Dec 2021 21:18
 Operator : JU/CG
 Sample : M5184-07
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-3

Quant Time: Dec 22 05:22:50 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	190968	20.000	ng	0.00
21) Naphthalene-d8	8.098	136	829087	20.000	ng	# 0.00
39) Acenaphthene-d10	9.851	164	406504	20.000	ng	0.00
64) Phenanthrene-d10	11.339	188	661875	20.000	ng	# 0.00
76) Chrysene-d12	13.974	240	465777	20.000	ng	# 0.00
86) Perylene-d12	15.421	264	356202	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.428	112	791465	61.034	ng	0.00
7) Phenol-d6	6.434	99	674123	40.941	ng	-0.01
23) Nitrobenzene-d5	7.381	82	1420101	92.766	ng	0.00
42) 2,4,6-Tribromophenol	10.645	330	487748	149.302	ng	0.00
45) 2-Fluorobiphenyl	9.180	172	2005441	86.526	ng	0.00
79) Terphenyl-d14	12.927	244	1748282	65.240	ng	0.00

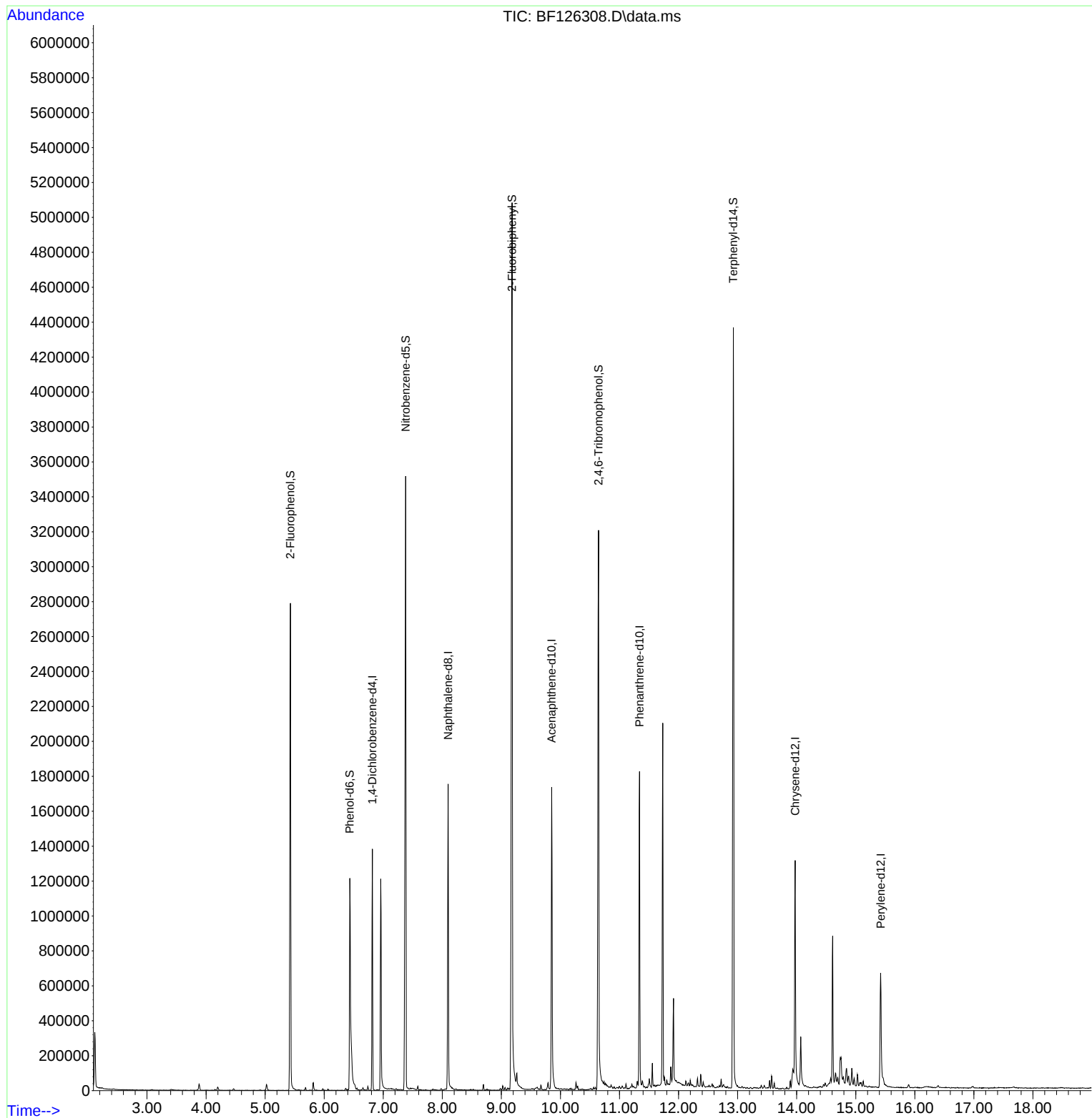
Target Compounds	Qvalue

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

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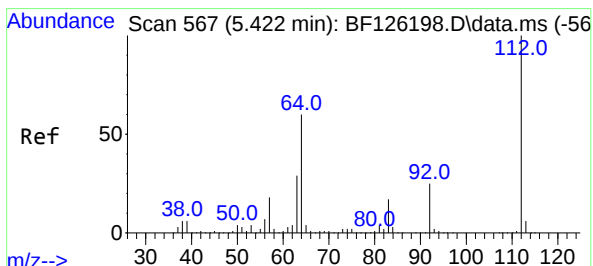
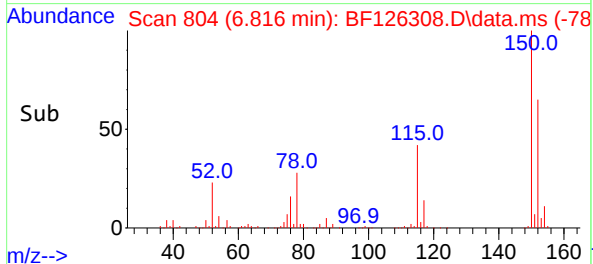
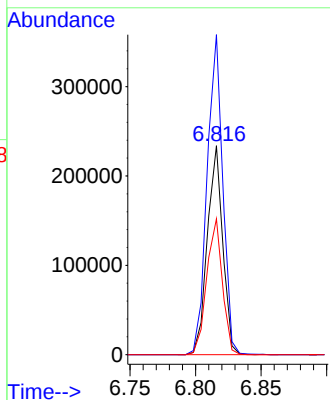
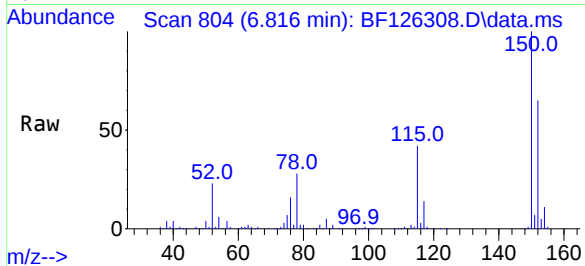




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.816 min Scan# 804
Delta R.T. -0.000 min
Lab File: BF126308.D
Acq: 21 Dec 2021 21:18

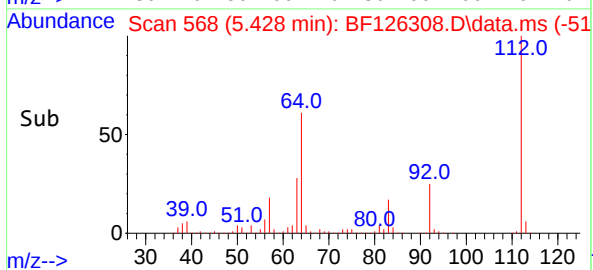
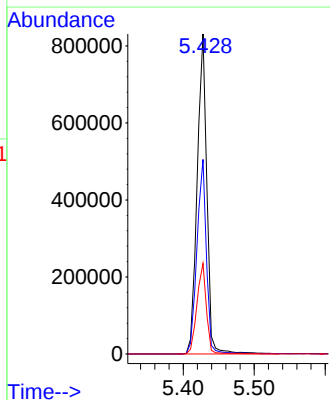
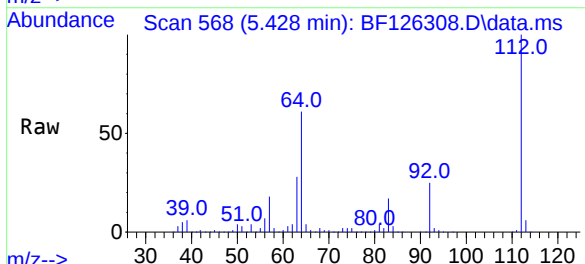
Instrument :
BNA_F
ClientSampleId :
SB-3

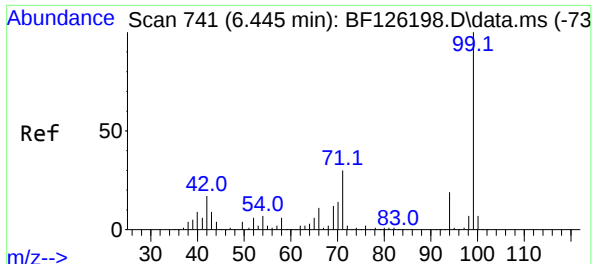
Tgt Ion:152 Resp: 190968
Ion Ratio Lower Upper
152 100
150 153.2 117.6 176.4
115 65.1 47.1 70.7



#5
2-Fluorophenol
Concen: 61.034 ng
RT: 5.428 min Scan# 568
Delta R.T. 0.006 min
Lab File: BF126308.D
Acq: 21 Dec 2021 21:18

Tgt Ion:112 Resp: 791465
Ion Ratio Lower Upper
112 100
64 60.8 44.2 66.2
63 28.3 26.2 39.2



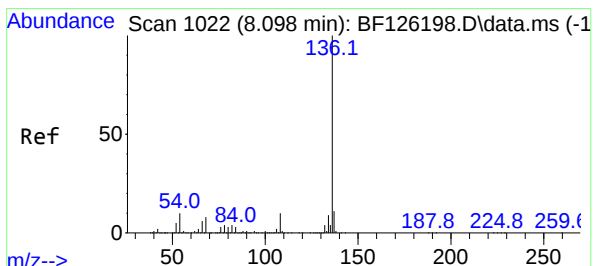
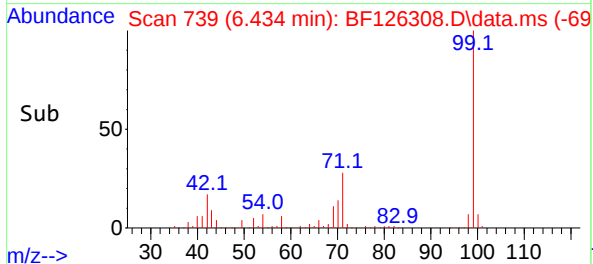
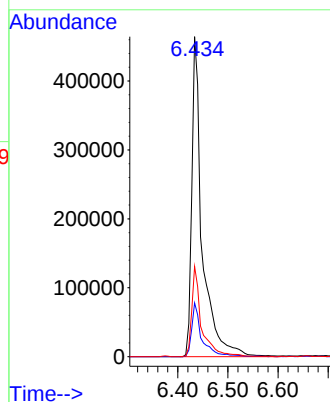
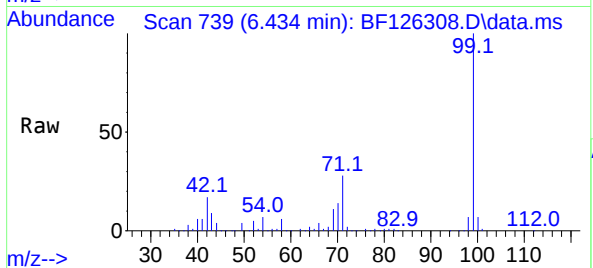


#7
Phenol-d6
Concen: 40.941 ng
RT: 6.434 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF126308.D
Acq: 21 Dec 2021 21:18

Instrument :
BNA_F
ClientSampleId :
SB-3

Tgt Ion: 99 Resp: 674123

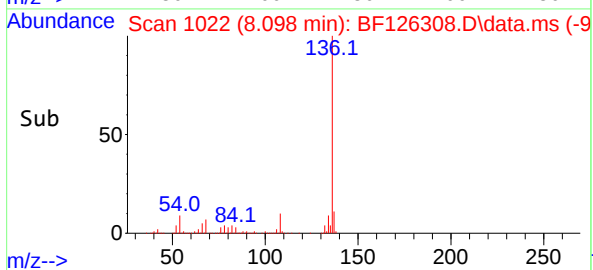
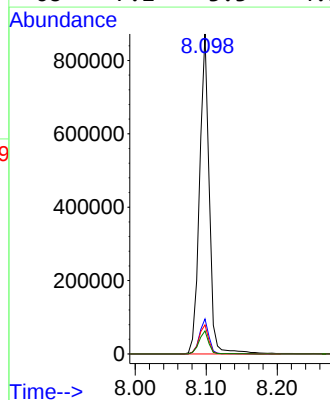
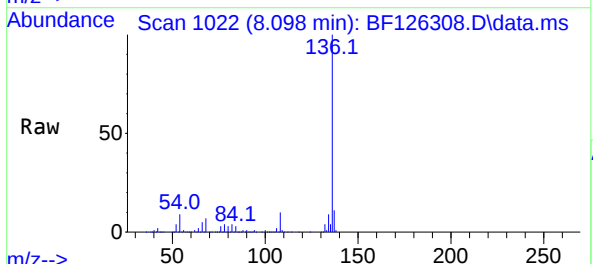
Ion	Ratio	Lower	Upper
99	100		
42	16.8	23.5	35.3#
71	28.2	25.6	38.4

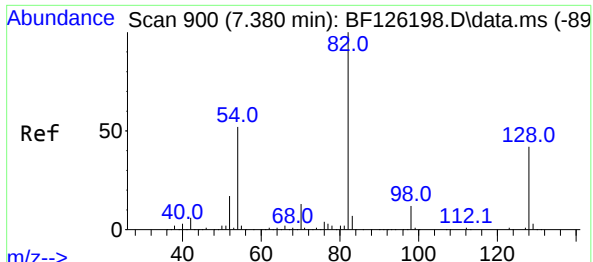


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.098 min Scan# 1022
Delta R.T. 0.000 min
Lab File: BF126308.D
Acq: 21 Dec 2021 21:18

Tgt Ion: 136 Resp: 829087

Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.8	14.6
54	9.1	6.4	9.6
68	7.2	3.3	4.9#

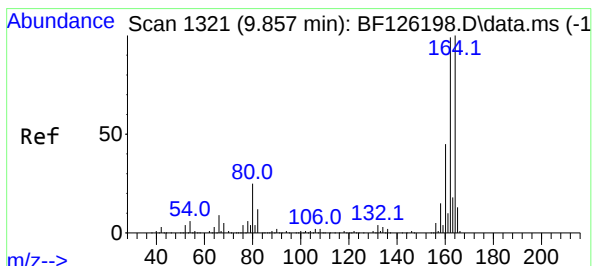
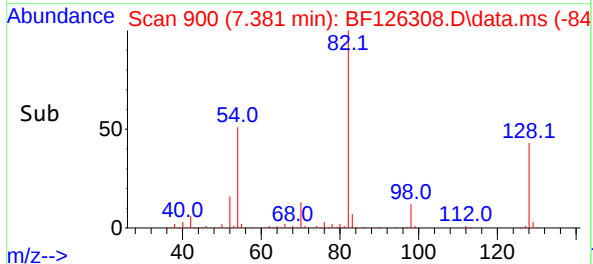
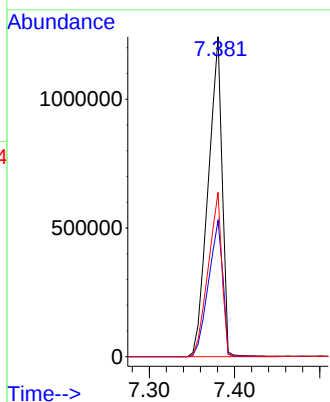
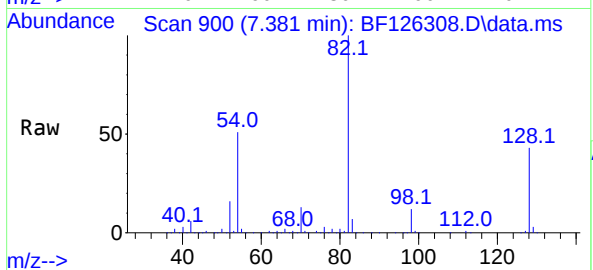




#23
Nitrobenzene-d5
Concen: 92.766 ng
RT: 7.381 min Scan# 90
Delta R.T. 0.000 min
Lab File: BF126308.D
Acq: 21 Dec 2021 21:18

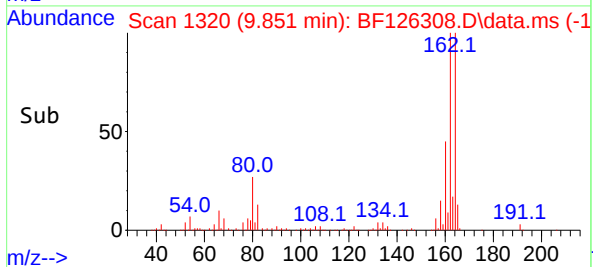
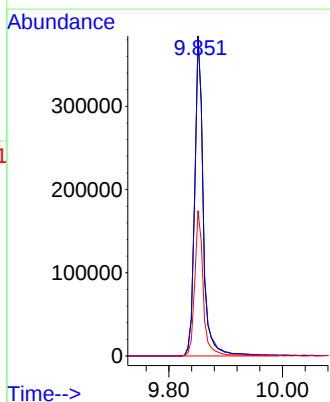
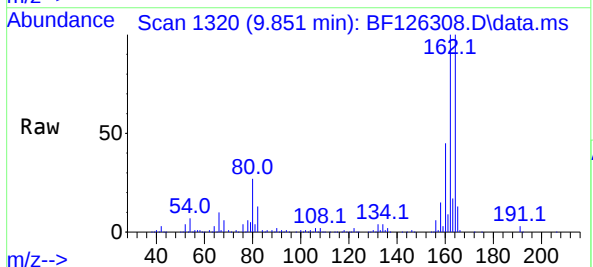
Instrument :
BNA_F
ClientSampleId :
SB-3

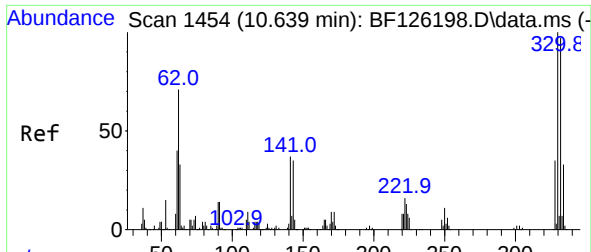
Tgt Ion: 82 Resp: 1420101
Ion Ratio Lower Upper
82 100
128 42.5 40.6 60.8
54 51.3 49.6 74.4



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.851 min Scan# 1320
Delta R.T. -0.006 min
Lab File: BF126308.D
Acq: 21 Dec 2021 21:18

Tgt Ion:164 Resp: 406504
Ion Ratio Lower Upper
164 100
162 99.5 81.3 121.9
160 45.4 38.0 57.0





#42

2,4,6-Tribromophenol

Concen: 149.302 ng

RT: 10.645 min Scan# 1455

Delta R.T. 0.006 min

Lab File: BF126308.D

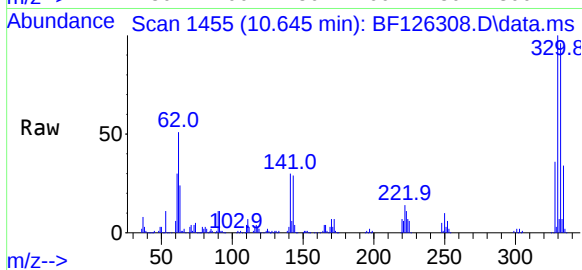
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Instrument :

BNA_F

ClientSampleId :

SB-3



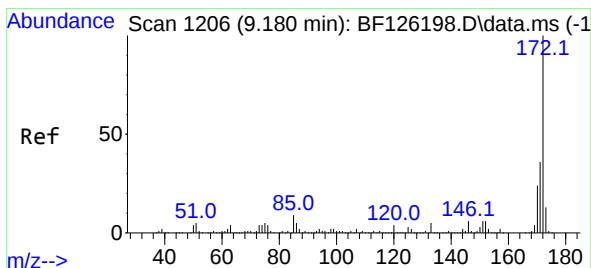
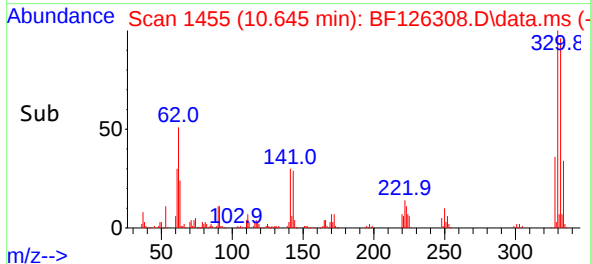
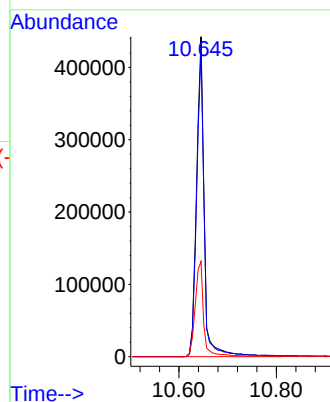
Tgt Ion:330 Resp: 487748

Ion Ratio Lower Upper

330 100

332 95.8 76.2 114.4

141 32.7 44.6 66.8#



#45

2-Fluorobiphenyl

Concen: 86.526 ng

RT: 9.180 min Scan# 1206

Delta R.T. 0.000 min

Lab File: BF126308.D

Acq: 21 Dec 2021 21:18

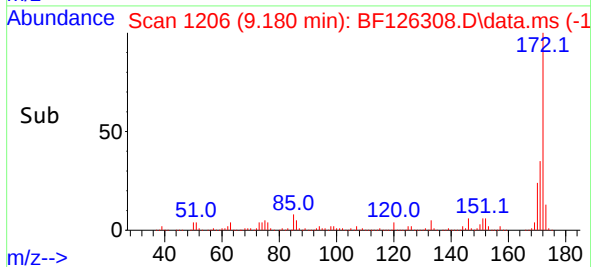
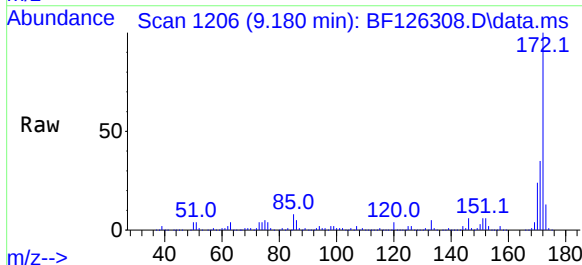
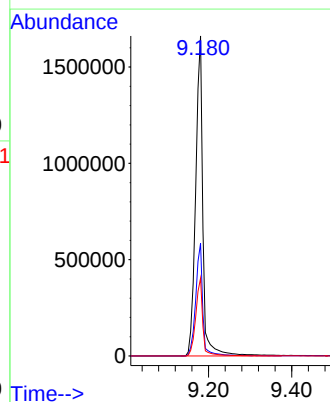
Tgt Ion:172 Resp: 2005441

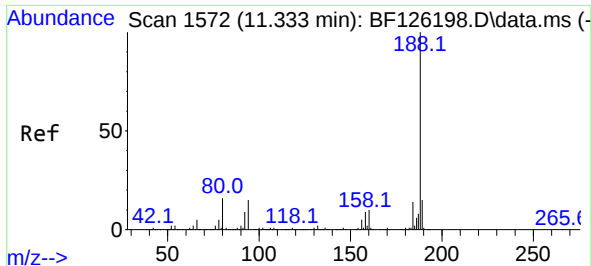
Ion Ratio Lower Upper

172 100

171 35.2 26.5 39.7

170 24.3 18.8 28.2

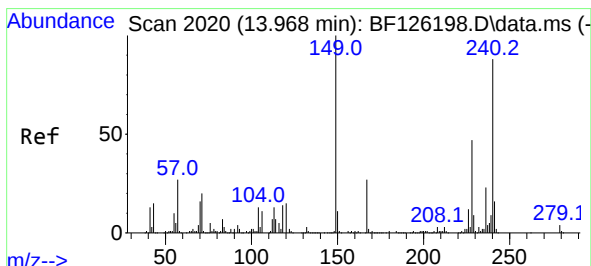
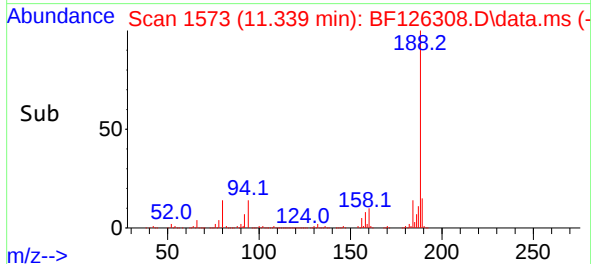
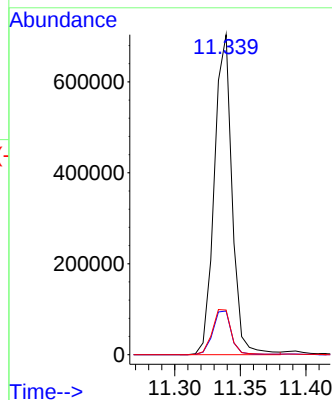
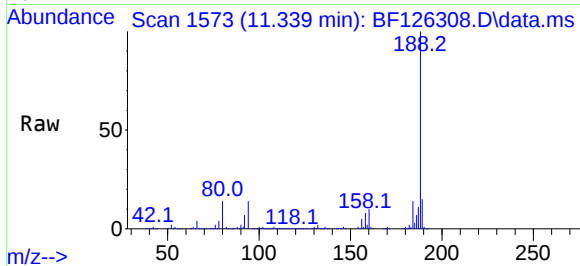




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.339 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF126308.D
Acq: 21 Dec 2021 21:18

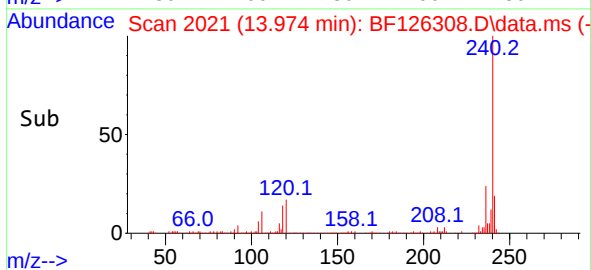
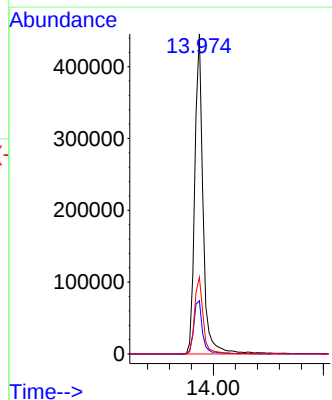
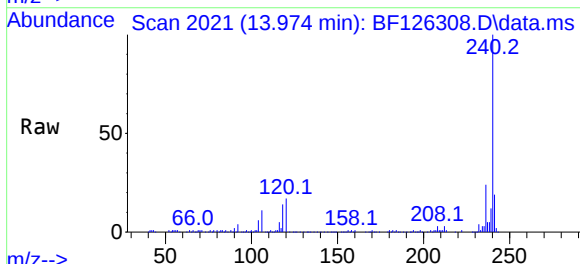
Instrument :
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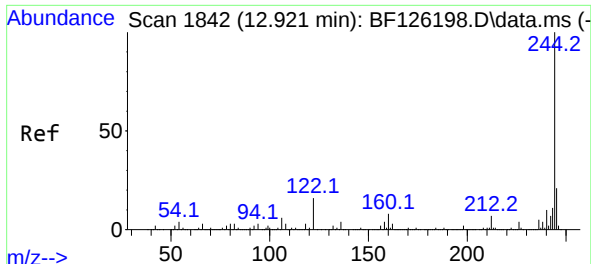
Tgt Ion:188 Resp: 661875
Ion Ratio Lower Upper
188 100
94 13.7 6.7 10.1#
80 13.9 7.5 11.3#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.974 min Scan# 2021
Delta R.T. 0.006 min
Lab File: BF126308.D
Acq: 21 Dec 2021 21:18

Tgt Ion:240 Resp: 465777
Ion Ratio Lower Upper
240 100
120 16.7 10.8 16.2#
236 24.0 21.6 32.4

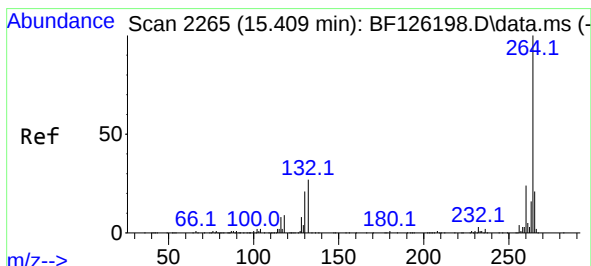
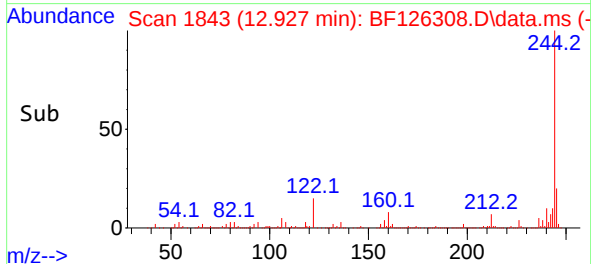
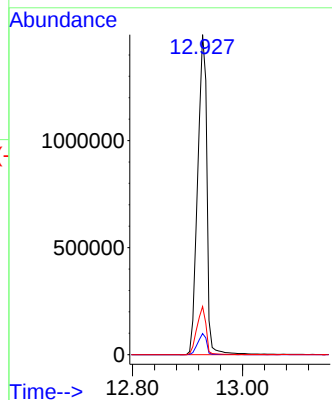
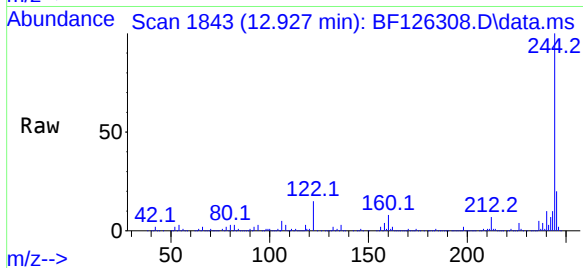




#79
 Terphenyl-d14
 Concen: 65.240 ng
 RT: 12.927 min Scan# 1843
 Delta R.T. 0.006 min
 Lab File: BF126308.D
 Acq: 21 Dec 2021 21:18

Instrument :
 BNA_F
 ClientSampleId :
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Tgt Ion:244 Resp: 1748282
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.9 8.9
 122 15.0 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: BF126308.D
 Acq: 21 Dec 2021 21:18

Tgt Ion:264 Resp: 356202
 Ion Ratio Lower Upper
 264 100
 260 23.3 19.6 29.4
 265 21.1 17.2 25.8

