

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122721\
 Data File : BF126356.D
 Acq On : 27 Dec 2021 15:18
 Operator : JU/CG
 Sample : PB141652BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB141652BL

Quant Time: Dec 27 15:58:35 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121521.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 22 13:00:11 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.810	152	125972	20.000	ng	0.00
21) Naphthalene-d8	8.092	136	534437	20.000	ng	#-0.01
39) Acenaphthene-d10	9.845	164	259751	20.000	ng	-0.01
64) Phenanthrene-d10	11.333	188	440441	20.000	ng	# 0.00
76) Chrysene-d12	13.968	240	322714	20.000	ng	#-0.01
86) Perylene-d12	15.415	264	249475	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.428	112	1053721	123.183	ng	0.00
7) Phenol-d6	6.439	99	1350738	124.360	ng	0.00
23) Nitrobenzene-d5	7.369	82	854250	86.569	ng	-0.01
42) 2,4,6-Tribromophenol	10.639	330	308768	147.914	ng	0.00
45) 2-Fluorobiphenyl	9.175	172	1257879	84.934	ng	0.00
79) Terphenyl-d14	12.921	244	1301254	70.085	ng	0.00

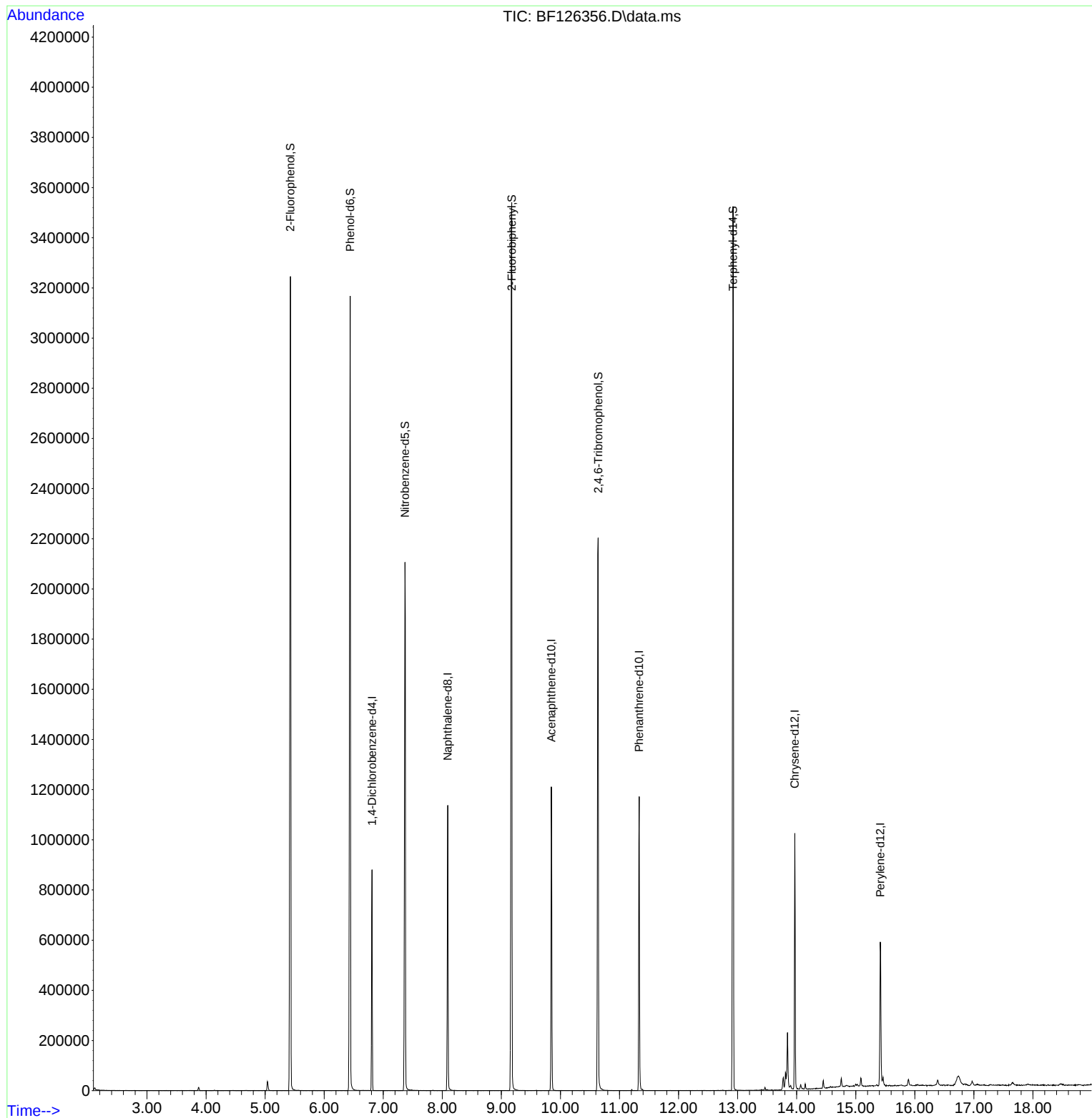
Target Compounds	Qvalue

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

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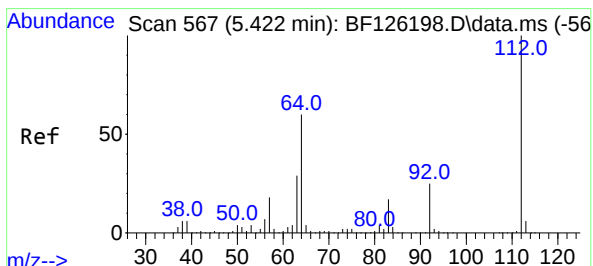
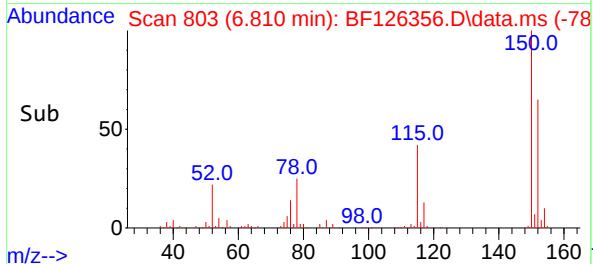
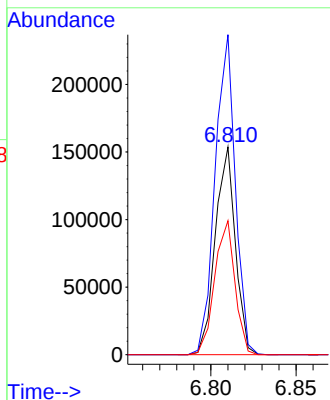
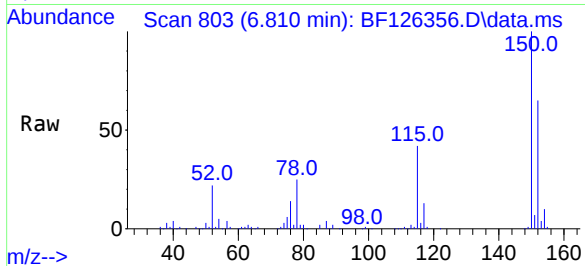




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.810 min Scan# 804
Delta R.T. -0.006 min
Lab File: BF126356.D
Acq: 27 Dec 2021 15:18

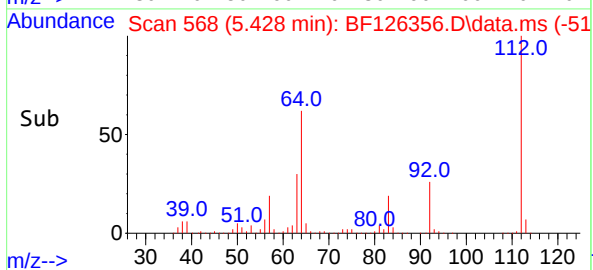
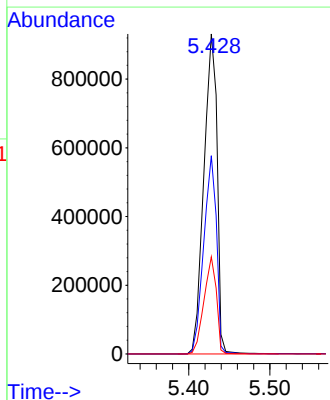
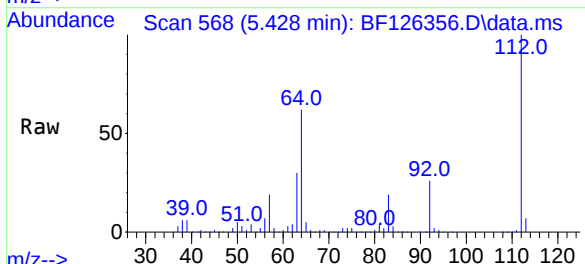
Instrument :
BNA_F
ClientSampleId :
PB141652BL

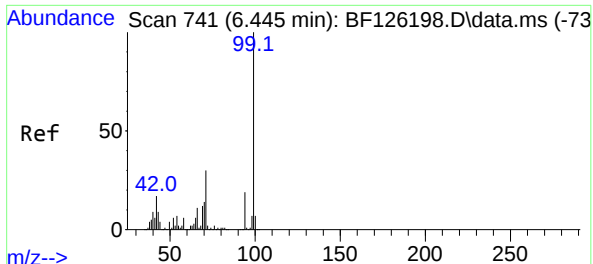
Tgt Ion:152 Resp: 125972
Ion Ratio Lower Upper
152 100
150 154.1 117.6 176.4
115 64.5 47.1 70.7



#5
2-Fluorophenol
Concen: 123.183 ng
RT: 5.428 min Scan# 568
Delta R.T. 0.000 min
Lab File: BF126356.D
Acq: 27 Dec 2021 15:18

Tgt Ion:112 Resp: 1053721
Ion Ratio Lower Upper
112 100
64 61.9 44.2 66.2
63 30.4 26.2 39.2

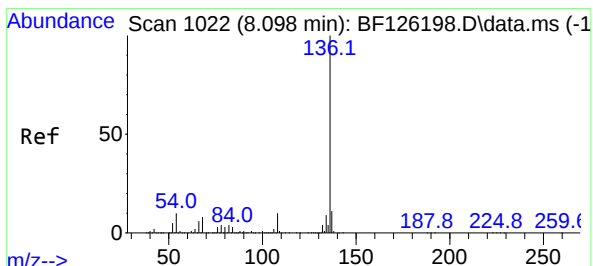
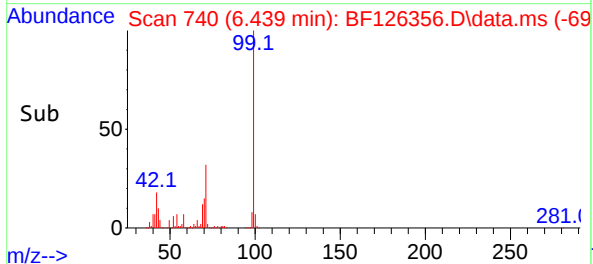
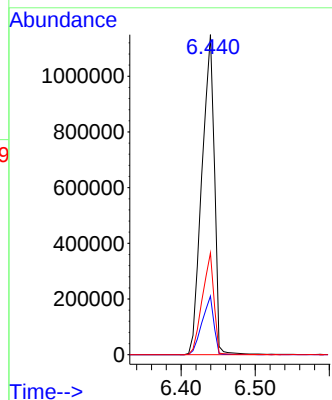
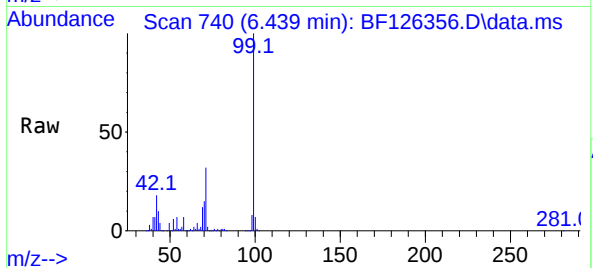




#7
Phenol-d6
Concen: 124.360 ng
RT: 6.439 min Scan# 741
Delta R.T. -0.006 min
Lab File: BF126356.D
Acq: 27 Dec 2021 15:18

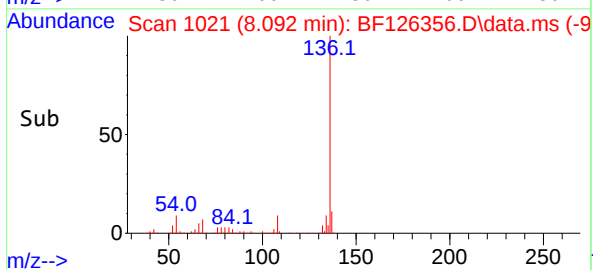
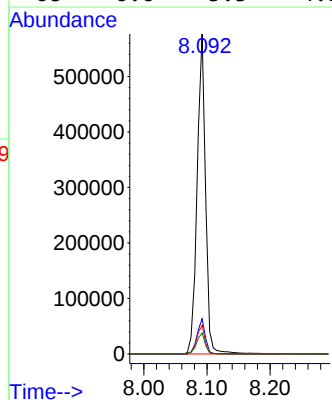
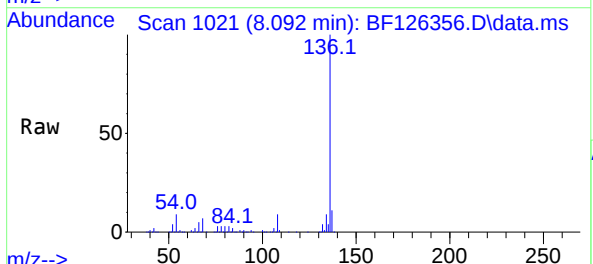
Instrument :
BNA_F
ClientSampleId :
PB141652BL

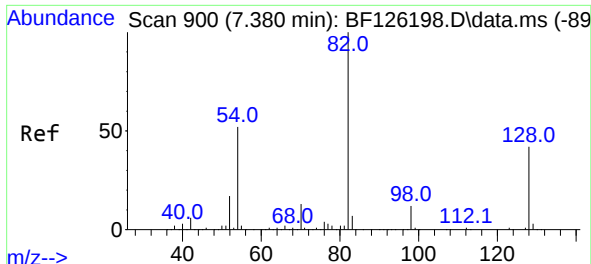
Tgt Ion: 99 Resp: 1350738
Ion Ratio Lower Upper
99 100
42 18.3 23.5 35.3#
71 31.8 25.6 38.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.092 min Scan# 1021
Delta R.T. -0.012 min
Lab File: BF126356.D
Acq: 27 Dec 2021 15:18

Tgt Ion:136 Resp: 534437
Ion Ratio Lower Upper
136 100
137 11.0 9.8 14.6
54 9.0 6.4 9.6
68 6.6 3.3 4.9#





#23

Nitrobenzene-d5

Concen: 86.569 ng

RT: 7.369 min Scan# 89

Delta R.T. -0.012 min

Lab File: BF126356.D

Acq: 27 Dec 2021 15:18

Instrument :

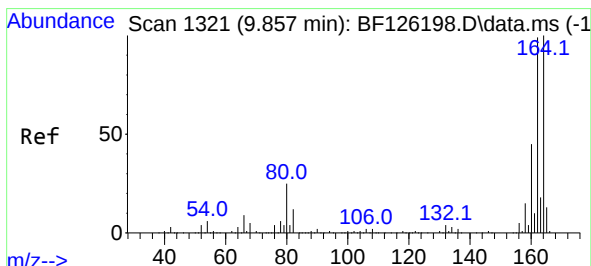
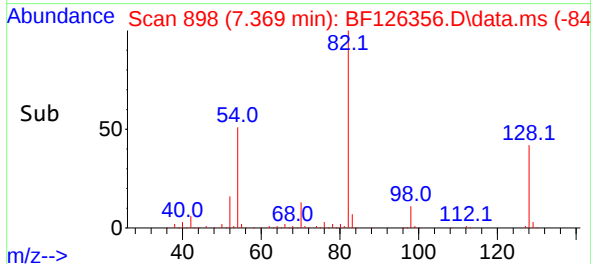
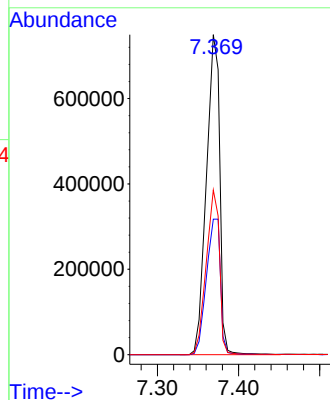
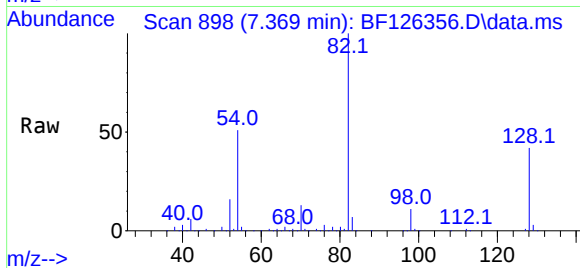
BNA_F

ClientSampleId :

PB141652BL

Tgt Ion: 82 Resp: 854250

Ion	Ratio	Lower	Upper
82	100		
128	42.3	40.6	60.8
54	51.4	49.6	74.4



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.845 min Scan# 1319

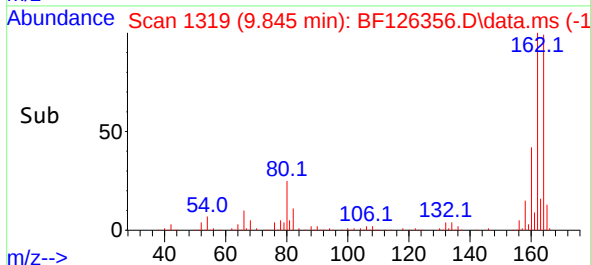
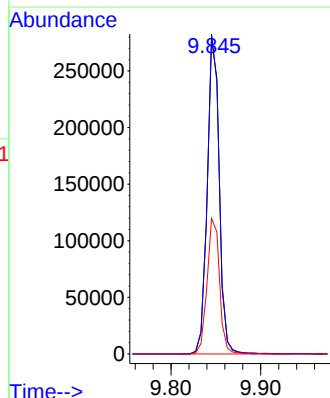
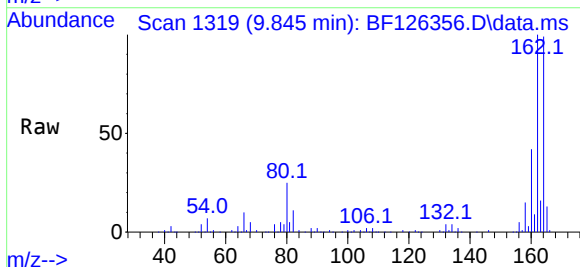
Delta R.T. -0.012 min

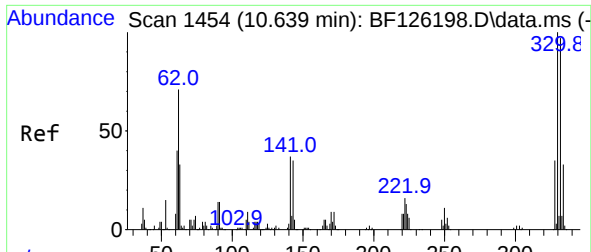
Lab File: BF126356.D

Acq: 27 Dec 2021 15:18

Tgt Ion:164 Resp: 259751

Ion	Ratio	Lower	Upper
164	100		
162	101.5	81.3	121.9
160	43.1	38.0	57.0





#42

2,4,6-Tribromophenol

Concen: 147.914 ng

RT: 10.639 min Scan# 1454

Delta R.T. -0.006 min

Lab File: BF126356.D

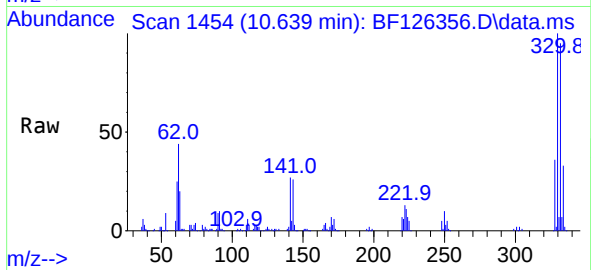
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Instrument :

BNA_F

ClientSampleId :

PB141652BL



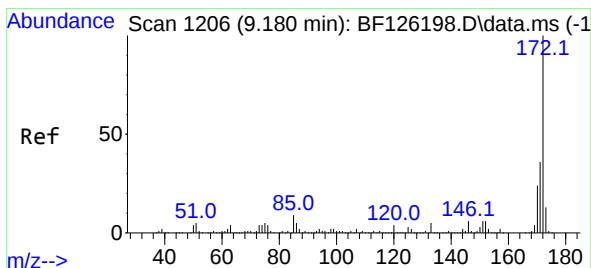
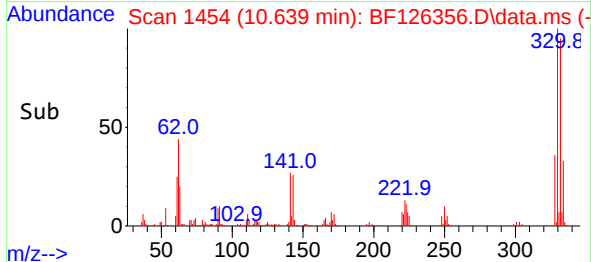
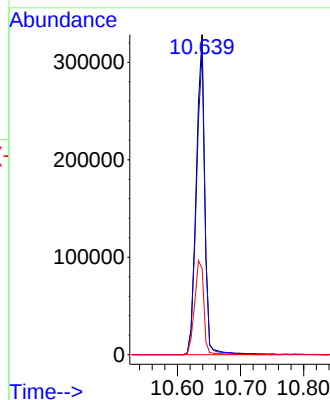
Tgt Ion:330 Resp: 308768

Ion Ratio Lower Upper

330 100

332 94.3 76.2 114.4

141 32.0 44.6 66.8#



#45

2-Fluorobiphenyl

Concen: 84.934 ng

RT: 9.175 min Scan# 1205

Delta R.T. -0.006 min

Lab File: BF126356.D

Acq: 27 Dec 2021 15:18

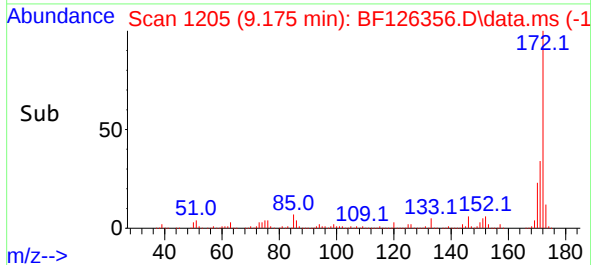
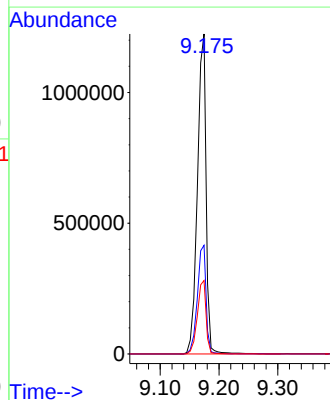
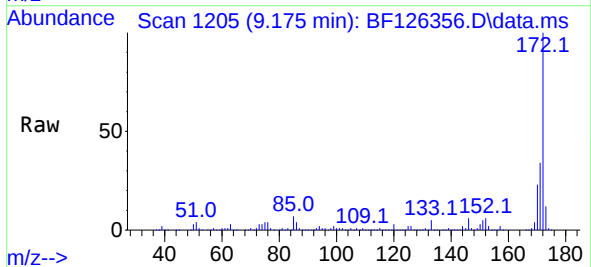
Tgt Ion:172 Resp: 1257879

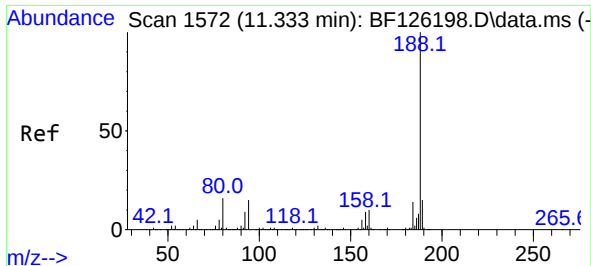
Ion Ratio Lower Upper

172 100

171 34.0 26.5 39.7

170 22.9 18.8 28.2

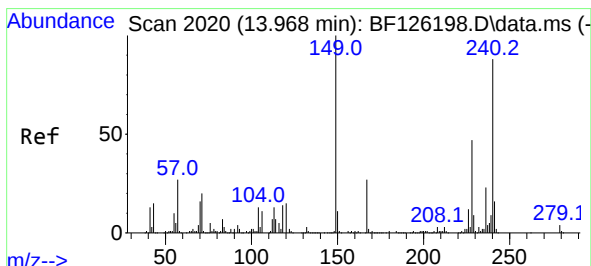
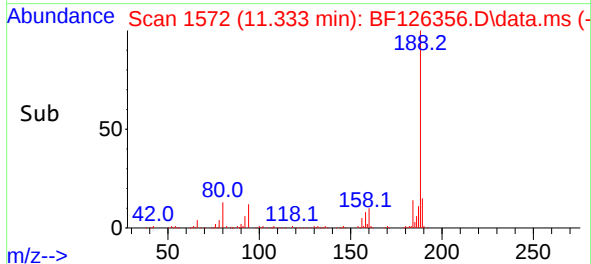
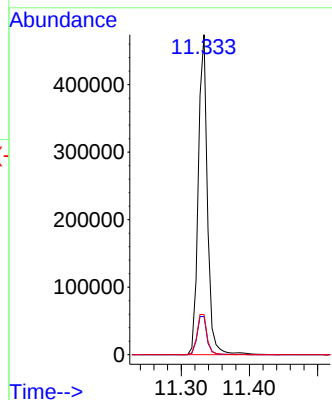
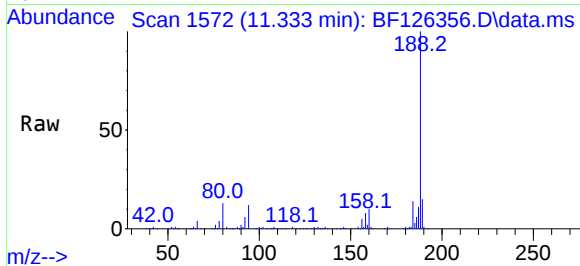




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.333 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF126356.D
Acq: 27 Dec 2021 15:18

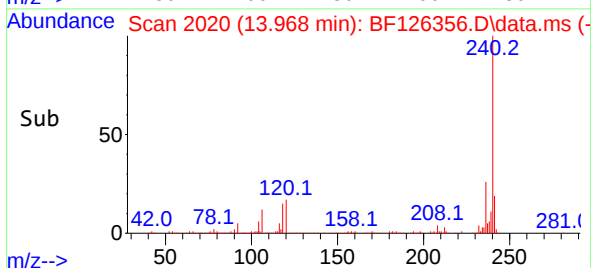
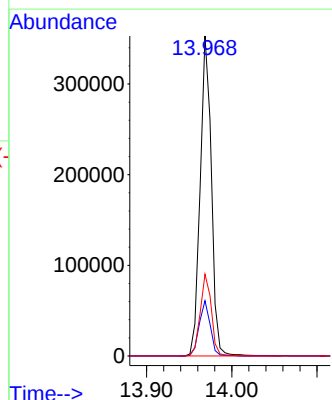
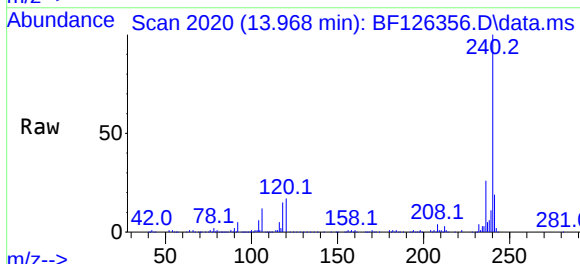
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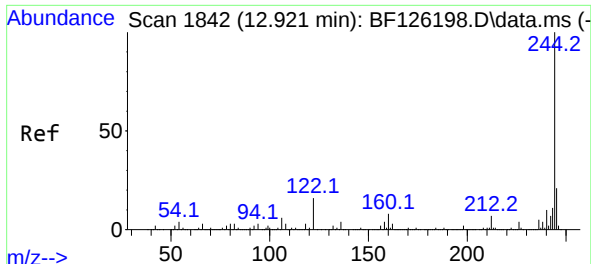
Tgt Ion:188 Resp: 440441
Ion Ratio Lower Upper
188 100
94 12.0 6.7 10.1#
80 12.5 7.5 11.3#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.968 min Scan# 2020
Delta R.T. -0.012 min
Lab File: BF126356.D
Acq: 27 Dec 2021 15:18

Tgt Ion:240 Resp: 322714
Ion Ratio Lower Upper
240 100
120 17.3 10.8 16.2#
236 25.6 21.6 32.4

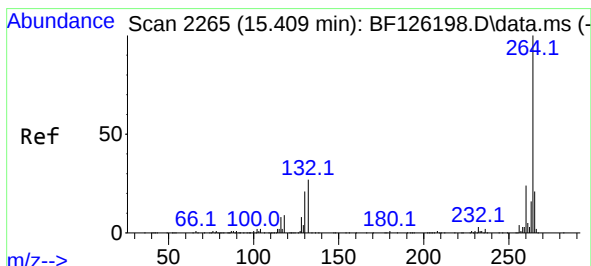
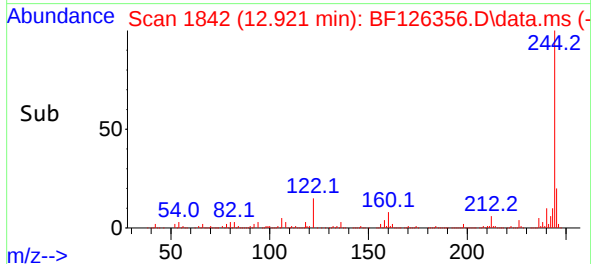
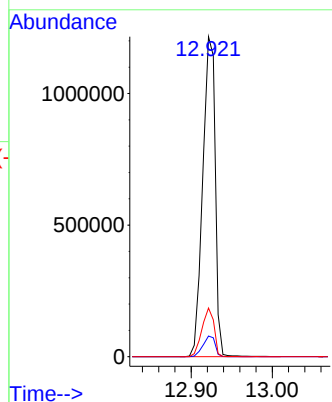
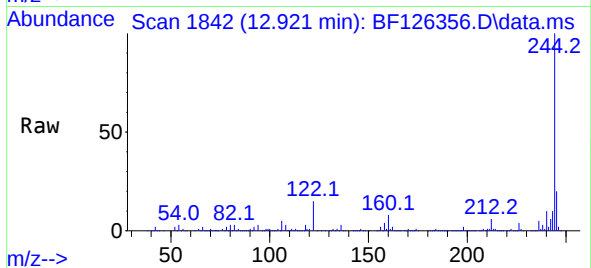




#79
 Terphenyl-d14
 Concen: 70.085 ng
 RT: 12.921 min Scan# 1842
 Delta R.T. -0.006 min
 Lab File: BF126356.D
 Acq: 27 Dec 2021 15:18

Instrument :
 BNA_F
 ClientSampleId :
 PB141652BL

Tgt Ion:244 Resp: 1301254
 Ion Ratio Lower Upper
 244 100
 212 6.5 5.9 8.9
 122 15.2 9.0 13.4#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.415 min Scan# 2266
 Delta R.T. -0.012 min
 Lab File: BF126356.D
 Acq: 27 Dec 2021 15:18

Tgt Ion:264 Resp: 249475
 Ion Ratio Lower Upper
 264 100
 260 23.4 19.6 29.4
 265 22.2 17.2 25.8

