

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111121\
 Data File : BF126137.D
 Acq On : 11 Nov 2021 21:27
 Operator : JU/CG
 Sample : M4537-01
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S1-S2-S3

Quant Time: Nov 12 09:43:41 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110321.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 03 17:21:25 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.840	152	137049	20.000	ng	-0.02
21) Naphthalene-d8	8.122	136	506068	20.000	ng	#-0.02
39) Acenaphthene-d10	9.875	164	297489	20.000	ng	-0.02
64) Phenanthrene-d10	11.363	188	533058	20.000	ng	#-0.01
76) Chrysene-d12	13.998	240	363744	20.000	ng	#-0.01
86) Perylene-d12	15.463	264	390669	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.457	112	764361	95.778	ng	0.00
7) Phenol-d6	6.469	99	1000849	88.964	ng	-0.02
23) Nitrobenzene-d5	7.398	82	726035	67.659	ng	-0.02
42) 2,4,6-Tribromophenol	10.663	330	333227	97.742	ng	-0.02
45) 2-Fluorobiphenyl	9.198	172	1351109	61.375	ng	-0.02
79) Terphenyl-d14	12.951	244	1314628	58.280	ng	-0.01

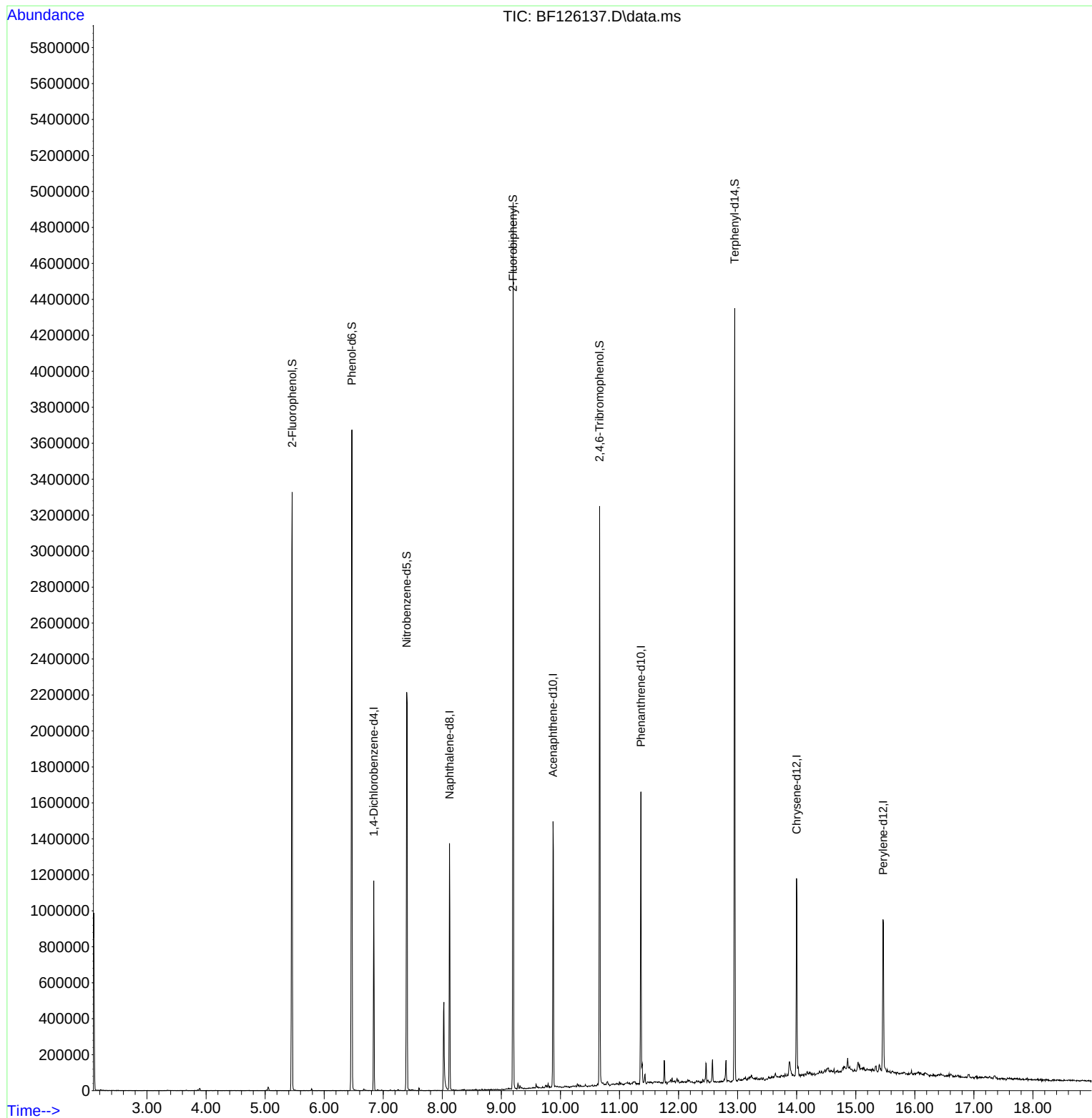
Target Compounds	Qvalue

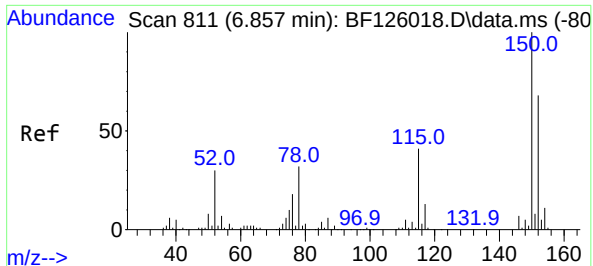
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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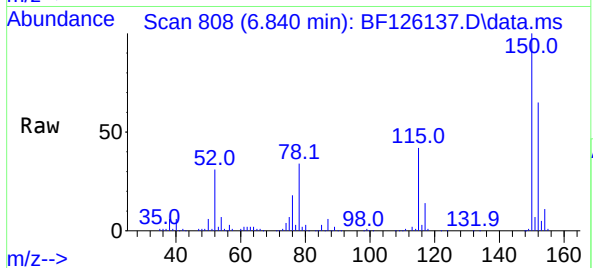
Quant Time: Nov 12 09:43:41 2021
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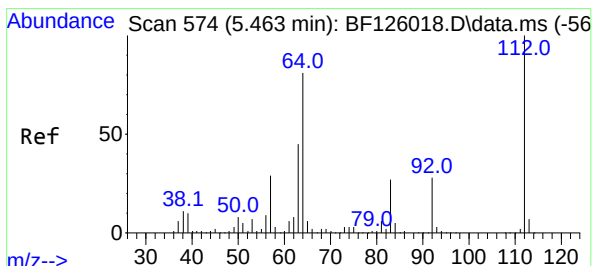
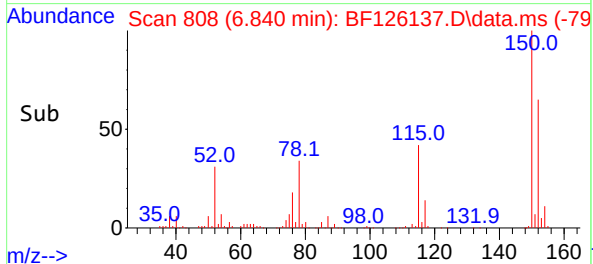
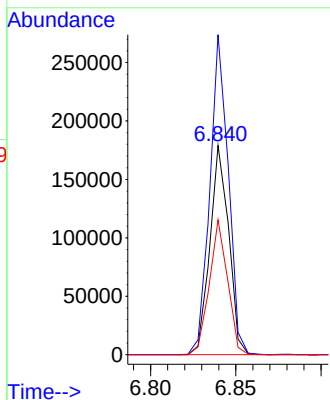


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.840 min Scan# 80
Delta R.T. -0.017 min
Lab File: BF126137.D
Acq: 11 Nov 2021 21:27

Instrument :
BNA_F
ClientSampleId :
S1-S2-S3

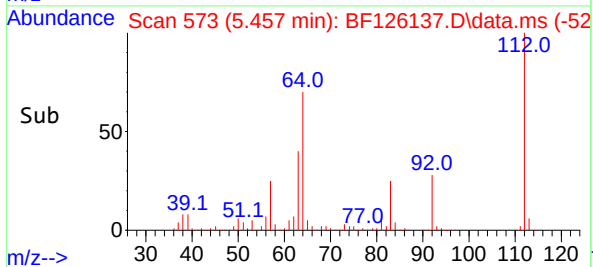
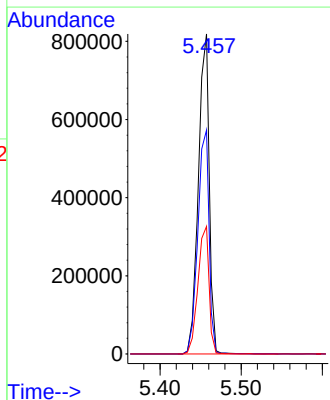
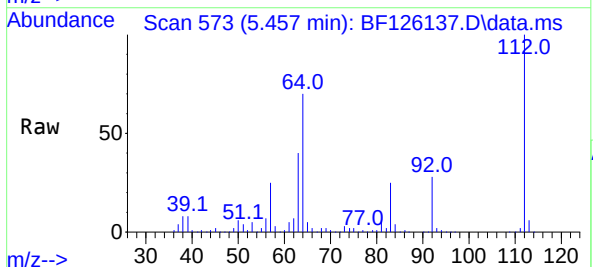


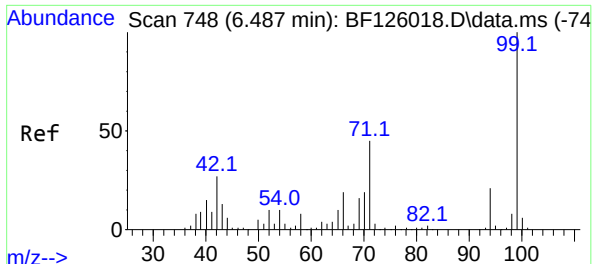
Tgt Ion:152 Resp: 137049
Ion Ratio Lower Upper
152 100
150 153.0 117.6 176.4
115 64.5 47.1 70.7



#5
2-Fluorophenol
Concen: 95.778 ng
RT: 5.457 min Scan# 573
Delta R.T. -0.006 min
Lab File: BF126137.D
Acq: 11 Nov 2021 21:27

Tgt Ion:112 Resp: 764361
Ion Ratio Lower Upper
112 100
64 69.9 44.2 66.2#
63 39.9 26.2 39.2#

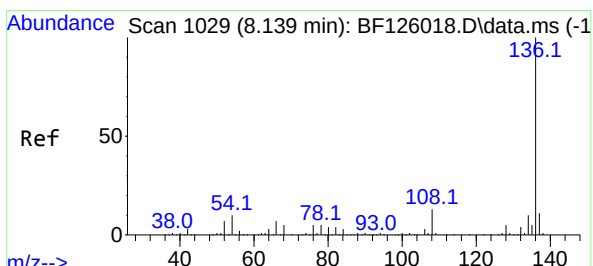
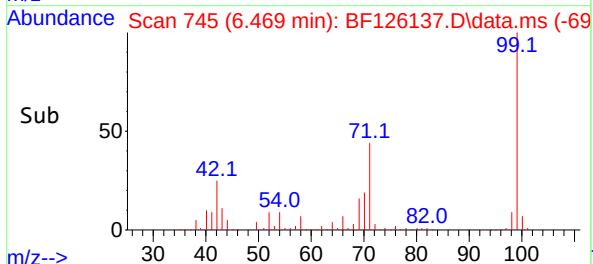
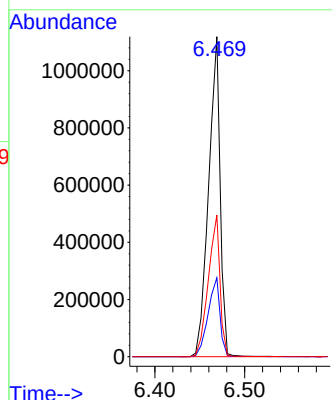
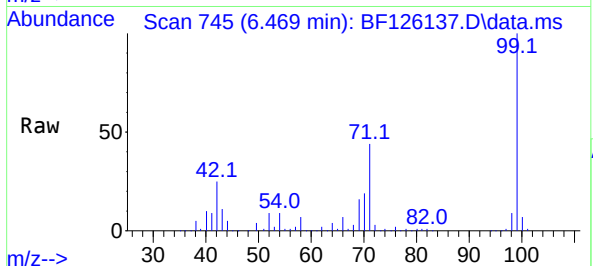




#7
Phenol-d6
Concen: 88.964 ng
RT: 6.469 min Scan# 74
Delta R.T. -0.018 min
Lab File: BF126137.D
Acq: 11 Nov 2021 21:27

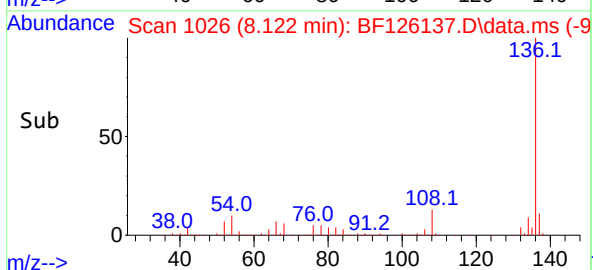
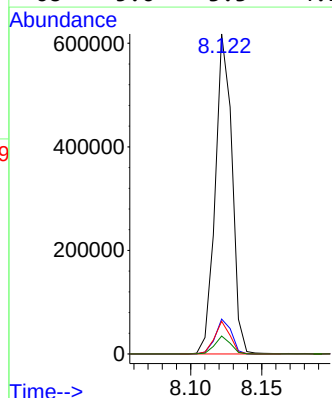
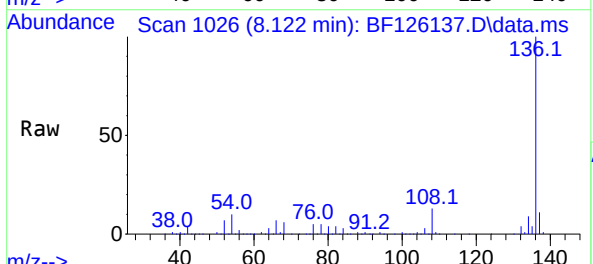
Instrument :
BNA_F
ClientSampleId :
S1-S2-S3

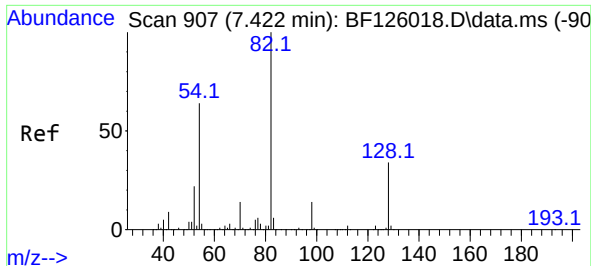
Tgt Ion: 99 Resp: 1000849
Ion Ratio Lower Upper
99 100
42 24.7 23.5 35.3
71 44.3 25.6 38.4#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.122 min Scan# 1026
Delta R.T. -0.017 min
Lab File: BF126137.D
Acq: 11 Nov 2021 21:27

Tgt Ion: 136 Resp: 506068
Ion Ratio Lower Upper
136 100
137 10.9 9.8 14.6
54 10.2 6.4 9.6#
68 5.6 3.3 4.9#





#23

Nitrobenzene-d5

Concen: 67.659 ng

RT: 7.398 min Scan# 90

Delta R.T. -0.024 min

Lab File: BF126137.D

Acq: 11 Nov 2021 21:27

Instrument :

BNA_F

ClientSampleId :

S1-S2-S3

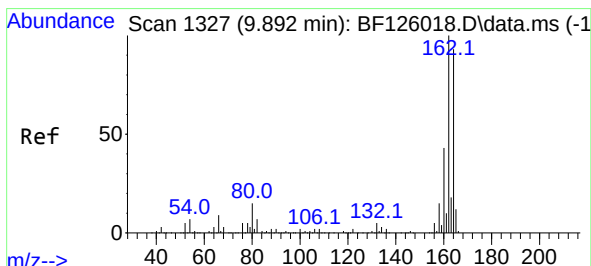
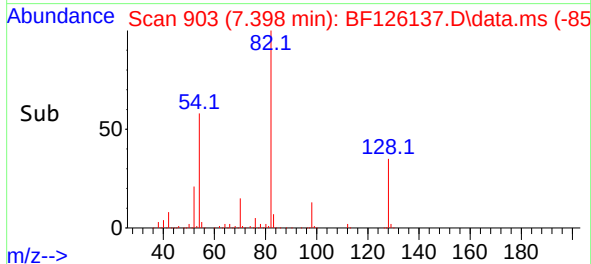
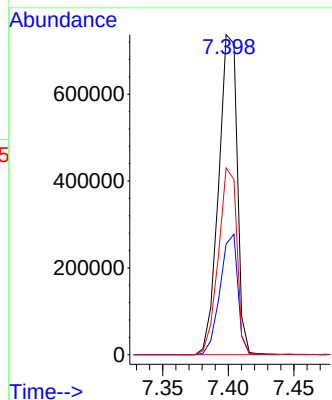
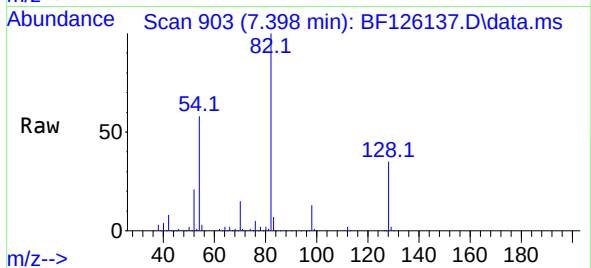
Tgt Ion: 82 Resp: 726035

Ion Ratio Lower Upper

82 100

128 34.6 40.6 60.8#

54 58.4 49.6 74.4



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.875 min Scan# 1324

Delta R.T. -0.017 min

Lab File: BF126137.D

Acq: 11 Nov 2021 21:27

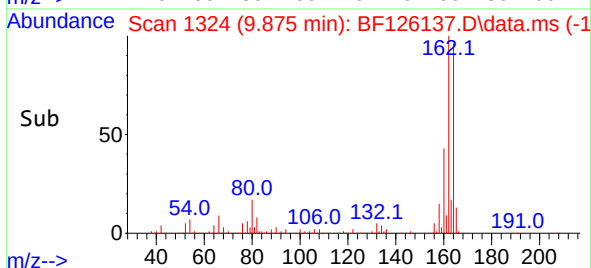
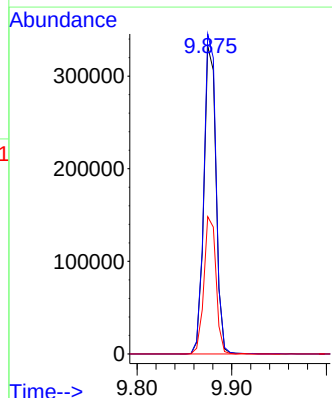
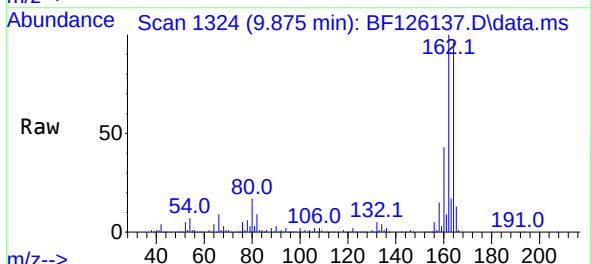
Tgt Ion:164 Resp: 297489

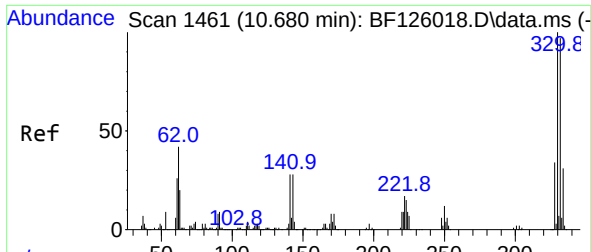
Ion Ratio Lower Upper

164 100

162 104.0 81.3 121.9

160 44.6 38.0 57.0





#42

2,4,6-Tribromophenol

Concen: 97.742 ng

RT: 10.663 min Scan# 1458

Delta R.T. -0.018 min

Lab File: BF126137.D

Acq: 11 Nov 2021 21:27

Instrument :

BNA_F

ClientSampleId :

S1-S2-S3

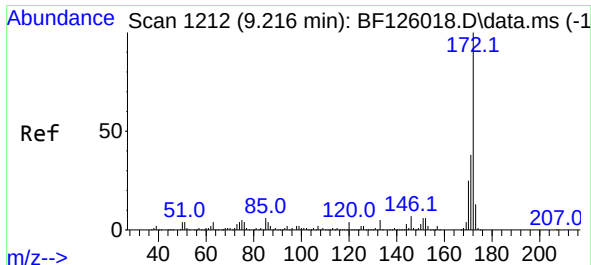
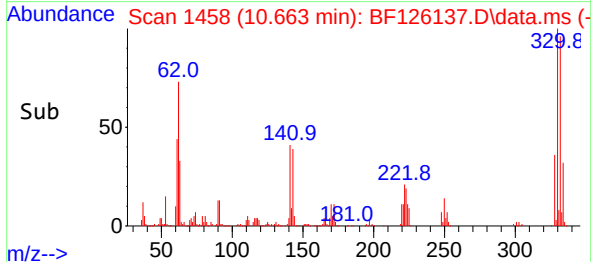
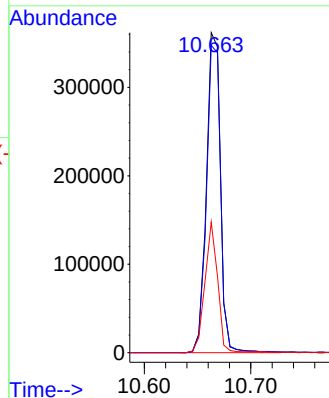
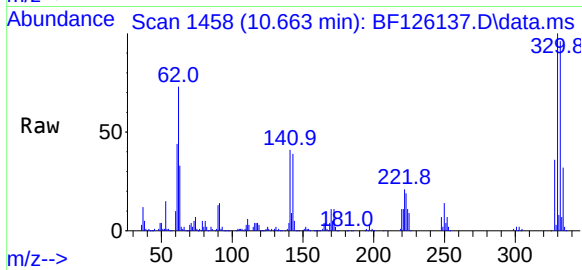
Tgt Ion:330 Resp: 333227

Ion Ratio Lower Upper

330 100

332 97.1 76.2 114.4

141 37.4 44.6 66.8#



#45

2-Fluorobiphenyl

Concen: 61.375 ng

RT: 9.198 min Scan# 1209

Delta R.T. -0.018 min

Lab File: BF126137.D

Acq: 11 Nov 2021 21:27

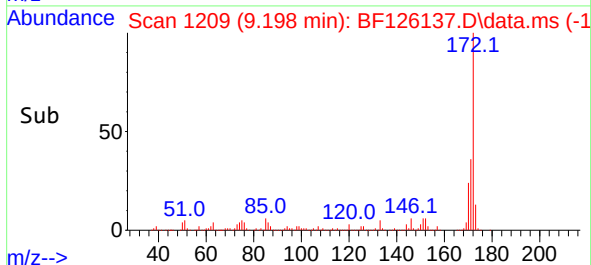
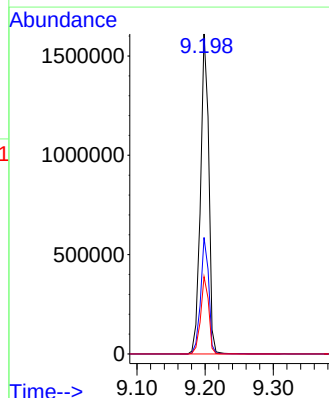
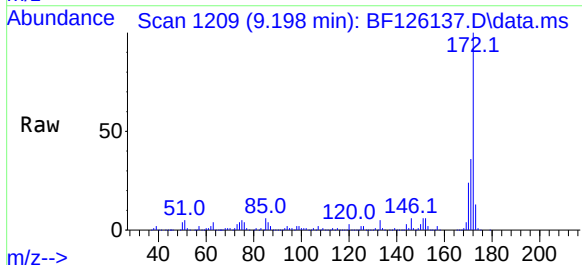
Tgt Ion:172 Resp: 1351109

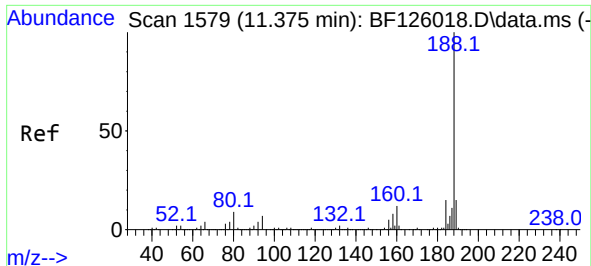
Ion Ratio Lower Upper

172 100

171 36.4 26.5 39.7

170 24.2 18.8 28.2

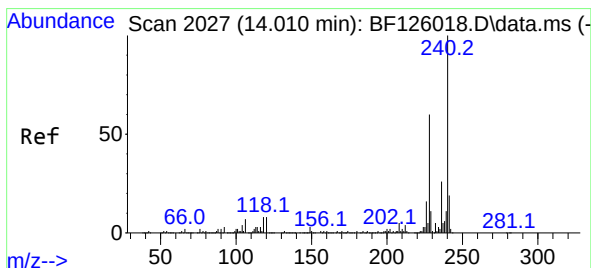
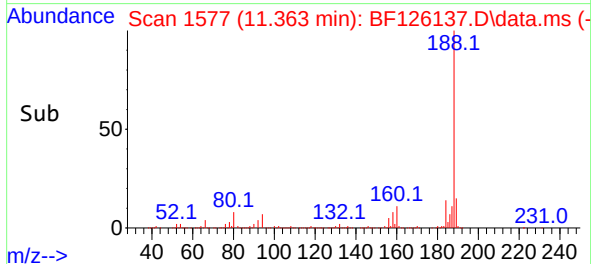
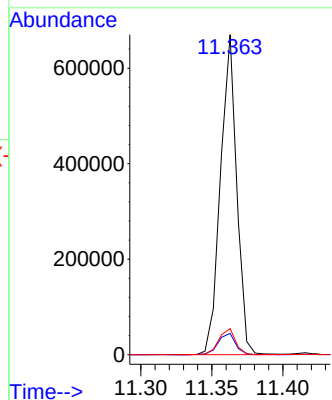
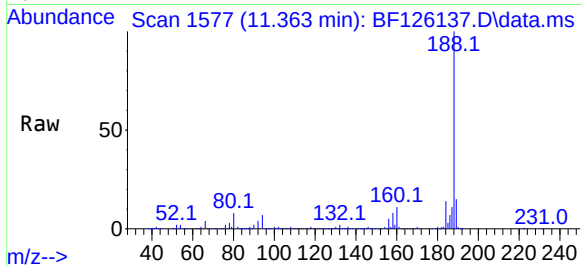




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.363 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF126137.D
Acq: 11 Nov 2021 21:27

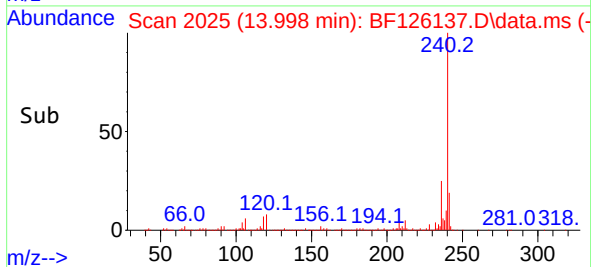
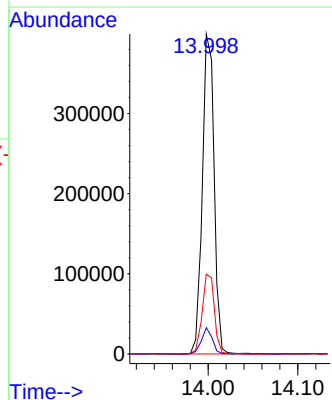
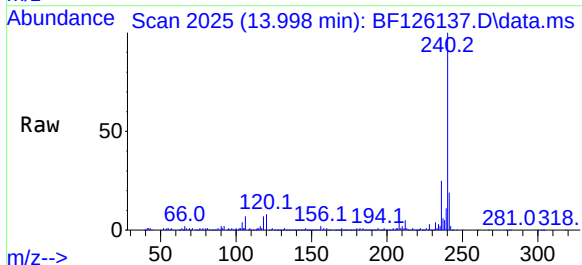
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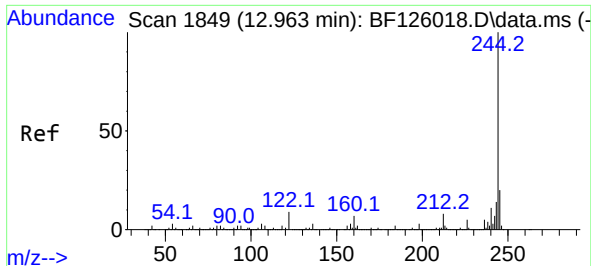
Tgt Ion:188 Resp: 533058
Ion Ratio Lower Upper
188 100
94 6.6 6.7 10.1#
80 8.2 7.5 11.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.998 min Scan# 2025
Delta R.T. -0.012 min
Lab File: BF126137.D
Acq: 11 Nov 2021 21:27

Tgt Ion:240 Resp: 363744
Ion Ratio Lower Upper
240 100
120 8.2 10.8 16.2#
236 25.0 21.6 32.4

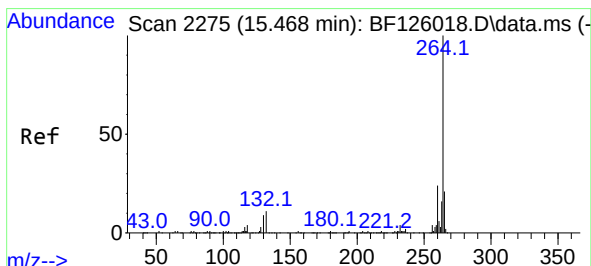
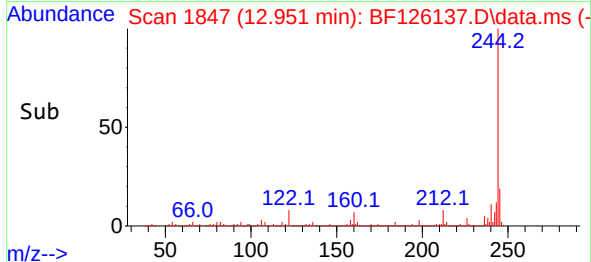
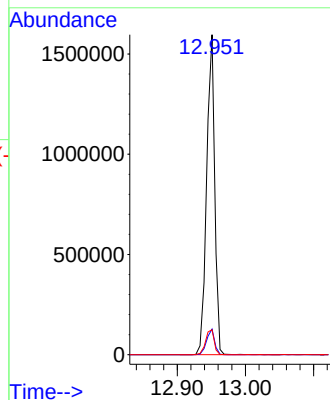
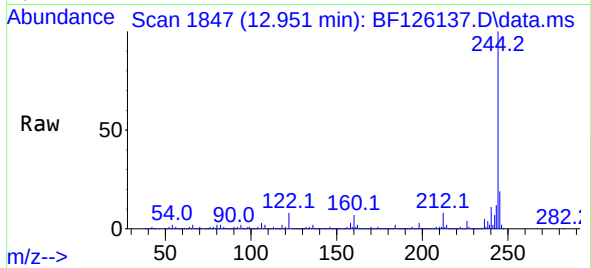




#79
 Terphenyl-d14
 Concen: 58.280 ng
 RT: 12.951 min Scan# 1847
 Delta R.T. -0.012 min
 Lab File: BF126137.D
 Acq: 11 Nov 2021 21:27

Instrument :
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 ClientSampleId :
 S1-S2-S3

Tgt Ion:244 Resp: 1314628
 Ion Ratio Lower Upper
 244 100
 212 8.0 5.9 8.9
 122 7.8 9.0 13.4#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.463 min Scan# 2274
 Delta R.T. -0.005 min
 Lab File: BF126137.D
 Acq: 11 Nov 2021 21:27

Tgt Ion:264 Resp: 390669
 Ion Ratio Lower Upper
 264 100
 260 23.9 19.6 29.4
 265 21.3 17.2 25.8

