

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111121\
 Data File : BF126137.D
 Acq On : 11 Nov 2021 21:27
 Operator : JU/CG
 Sample : M4537-01RE
 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)

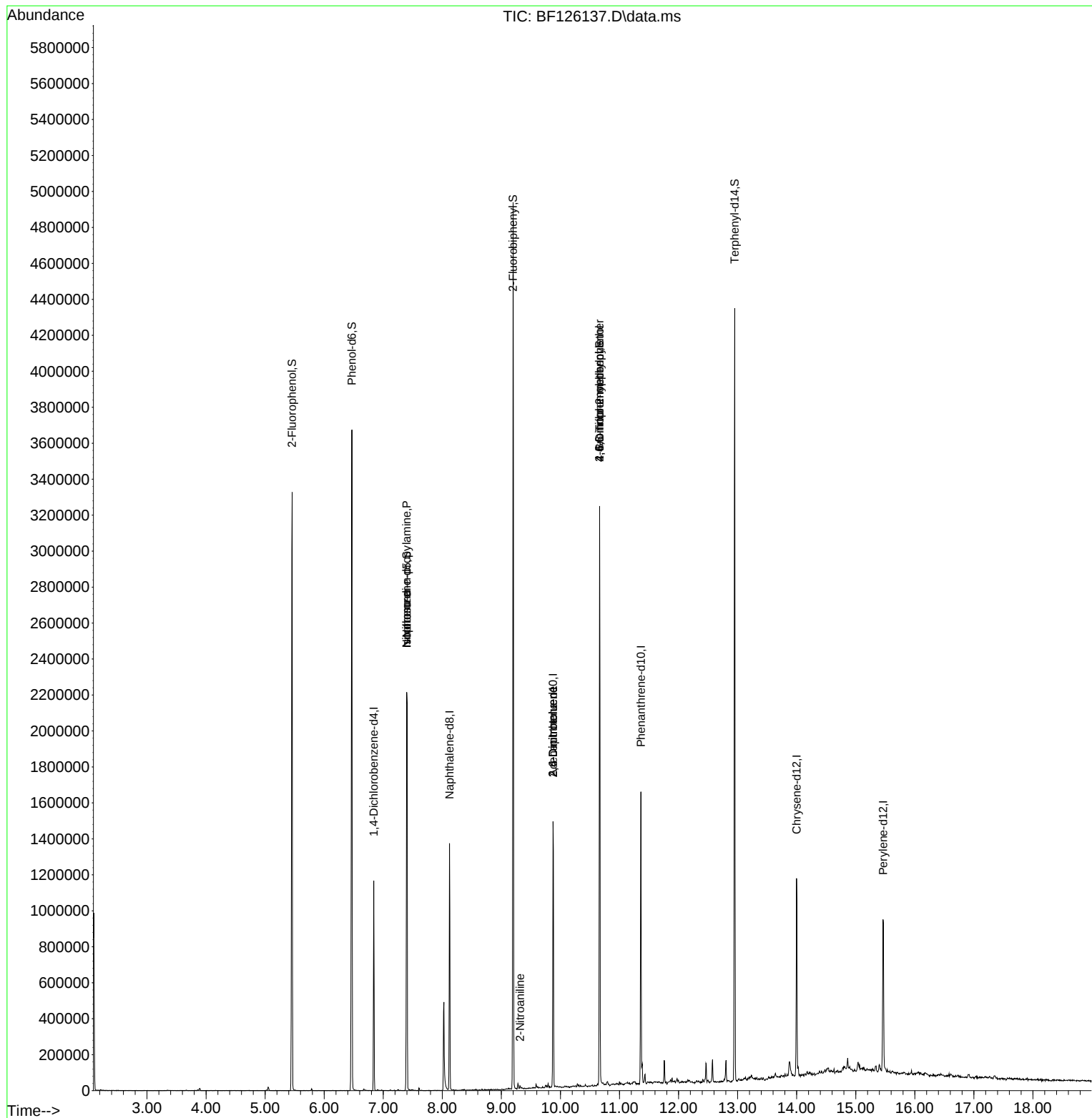
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.840	152	137049	20.000	ng	-0.02
21) Naphthalene-d8	8.122	136	506068	20.000	ng	#-0.02
39) Acenaphthene-d10	9.875	164	297489	20.000	ng	-0.02
64) Phenanthrene-d10	11.363	188	533058	20.000	ng	#-0.01
76) Chrysene-d12	13.998	240	363744	20.000	ng	#-0.01
86) 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
9) Benzaldehyde	6.387	77	112	Below Cal	#	1
19) n-Nitroso-di-n-propyla...	7.398	70	103060	13.896	ng	# 62
25) Isophorone	7.398	82	724867	37.519	ng	# 59
48) 2-Nitroaniline	9.316	65	140	2.871	ng	# 1
51) 2,6-Dinitrotoluene	9.875	165	39191	10.557	ng	# 27
57) 2,4-Dinitrotoluene	9.875	165	39191	10.010	ng	# 19
65) 4,6-Dinitro-2-methylph...	10.663	198	833	8.585	ng	# 1
67) 4-Bromophenyl-phenylether	10.663	248	22089	3.421	ng	# 1

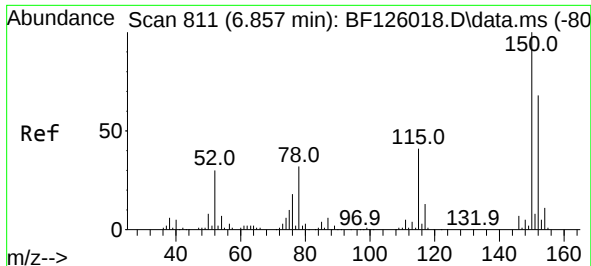
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial : 13 Sample Multiplier: 1

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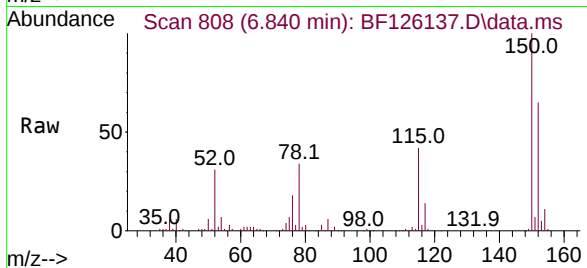
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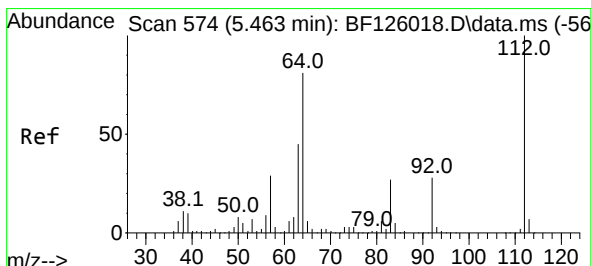
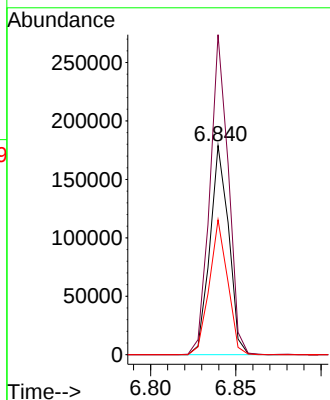
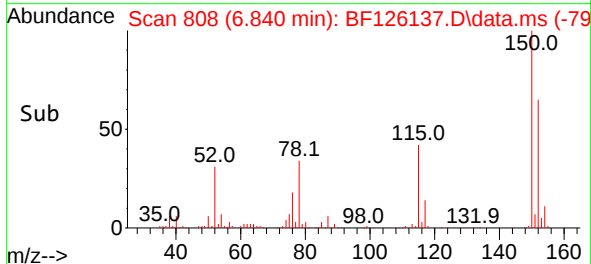


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.840 min Scan# 80
Delta R.T. -0.017 min
Lab File: BF126137.D
Acq: 11 Nov 2021 21:27

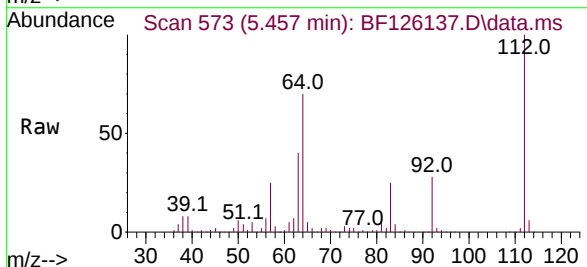
Instrument :
BNA_F
ClientSampleId :
S1-S2-S3



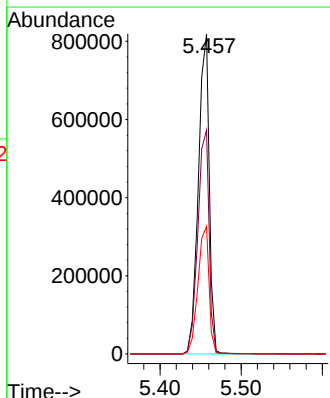
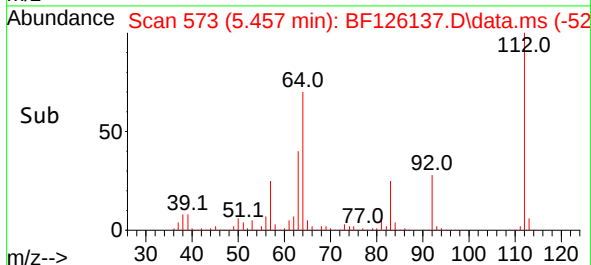
Tgt Ion:152 Resp: 137049
Ion Ratio Lower Upper
152 100
150 153.0 117.6 176.4
115 64.5 47.1 70.7

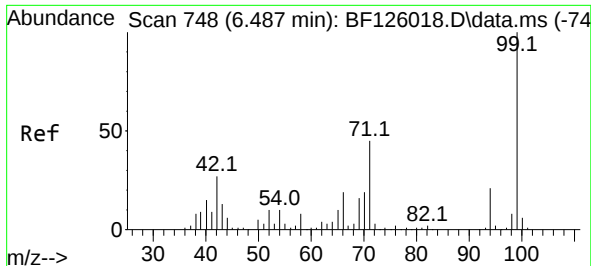


#5
2-Fluorophenol
Concen: 95.778 ng
RT: 5.457 min Scan# 573
Delta R.T. -0.006 min
Lab File: BF126137.D
Acq: 11 Nov 2021 21:27



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#

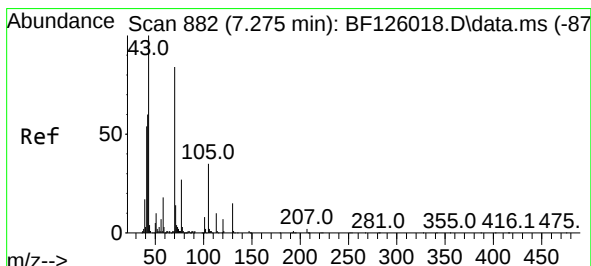
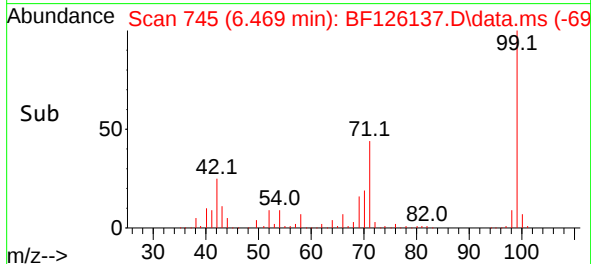
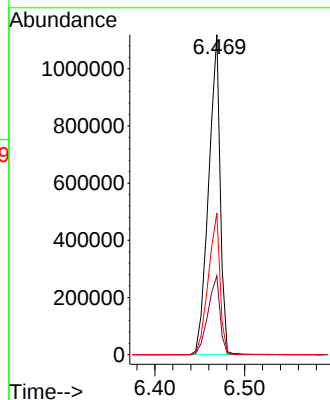
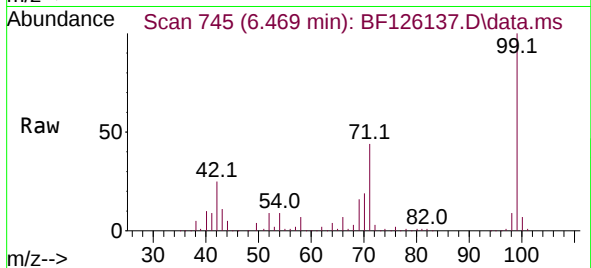




#7
Phenol-d6
Concen: 88.964 ng
RT: 6.469 min Scan# 74
Delta R.T. -0.018 min
Lab File: BF126137.D
Acq: 11 Nov 2021 21:27

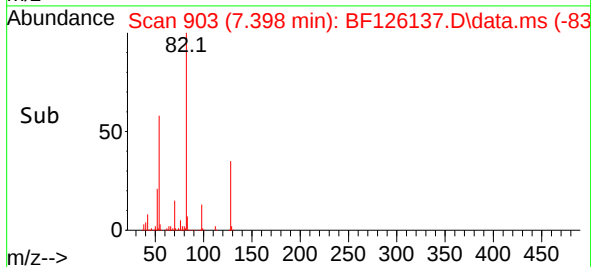
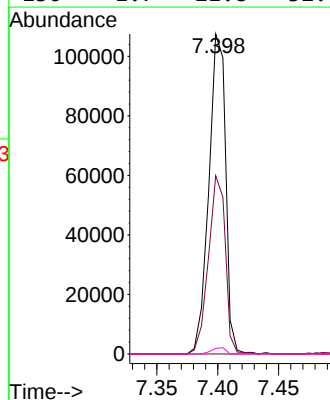
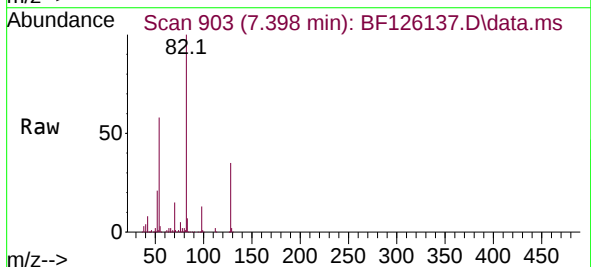
Instrument :
BNA_F
ClientSampleId :
S1-S2-S3

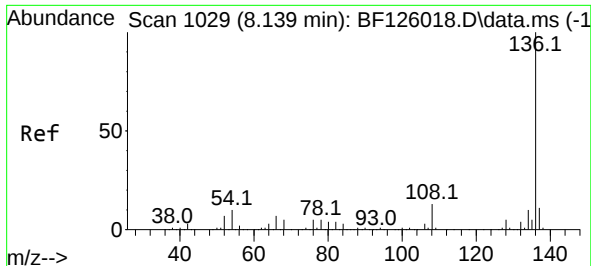
Tgt Ion: 99 Resp: 1000849
Ion Ratio Lower Upper
99 100
42 24.7 23.5 35.3
71 44.3 25.6 38.4#



#19
n-Nitroso-di-n-propylamine
Concen: 13.896 ng
RT: 7.398 min Scan# 903
Delta R.T. 0.124 min
Lab File: BF126137.D
Acq: 11 Nov 2021 21:27

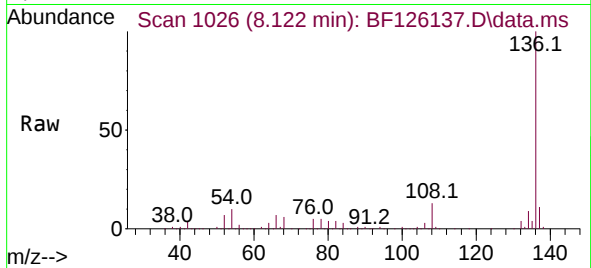
Tgt Ion: 70 Resp: 103060
Ion Ratio Lower Upper
70 100
42 55.7 72.2 108.2#
101 0.0 7.8 11.8#
130 1.7 21.8 32.6#



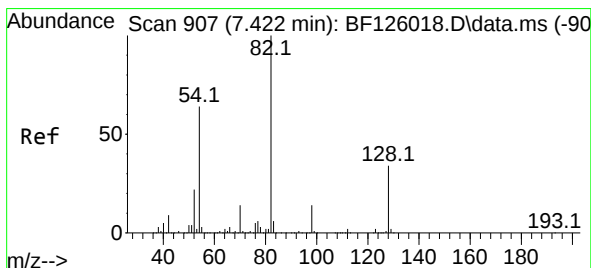
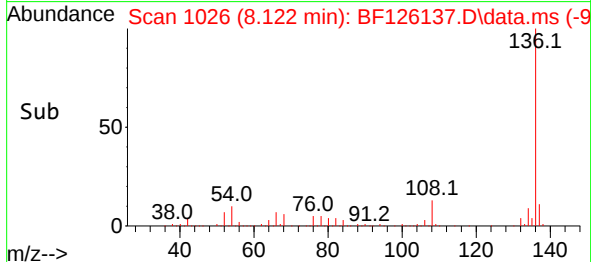
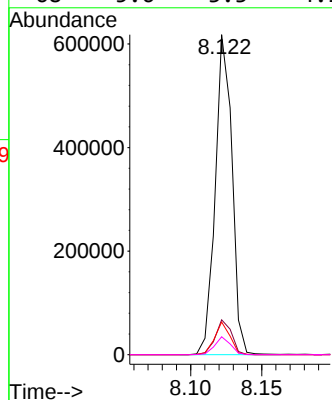


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.122 min Scan# 1026
Delta R.T. -0.017 min
Lab File: BF126137.D
Acq: 11 Nov 2021 21:27

Instrument :
BNA_F
ClientSampleId :
S1-S2-S3

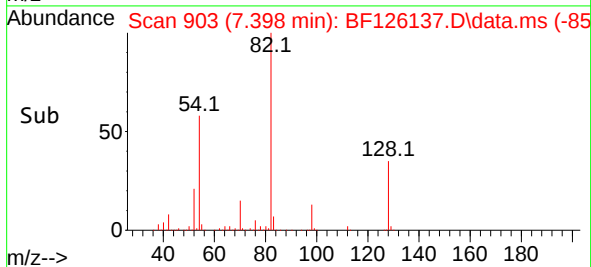
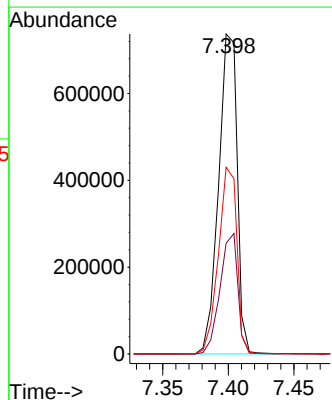
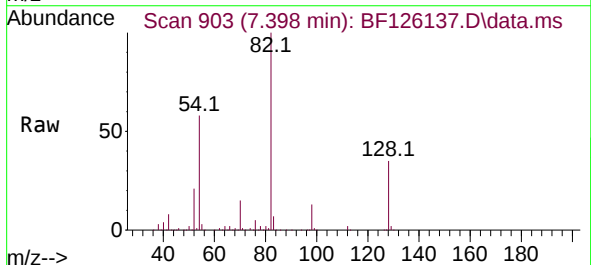


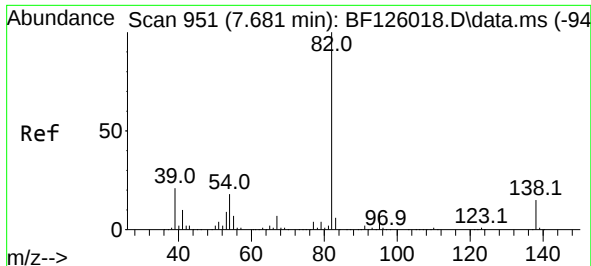
Tgt Ion:136 Resp: 506068
Ion Ratio Lower Upper
136 100
137 10.9 9.8 14.6
54 10.2 6.4 9.6#
68 5.6 3.3 4.9#



#23
Nitrobenzene-d5
Concen: 67.659 ng
RT: 7.398 min Scan# 903
Delta R.T. -0.024 min
Lab File: BF126137.D
Acq: 11 Nov 2021 21:27

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

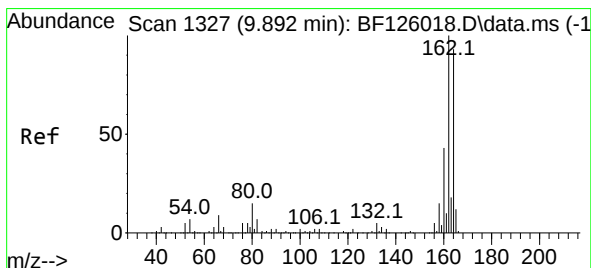
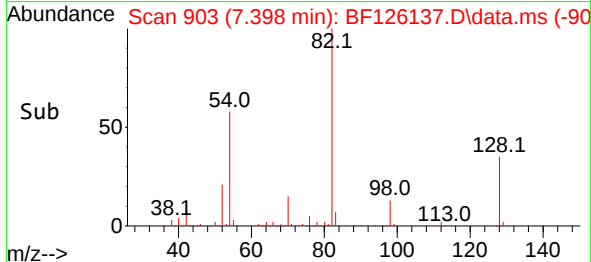
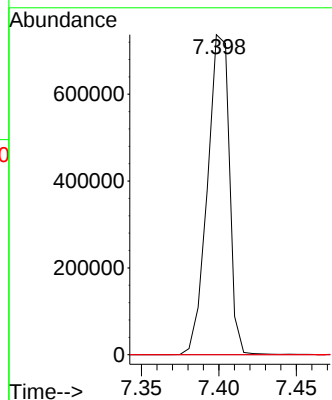
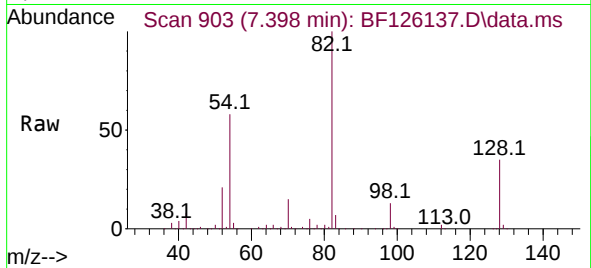




#25
Isophorone
Concen: 37.519 ng
RT: 7.398 min Scan# 90
Delta R.T. -0.283 min
Lab File: BF126137.D
Acq: 11 Nov 2021 21:27

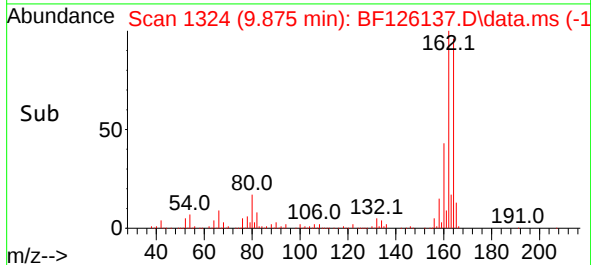
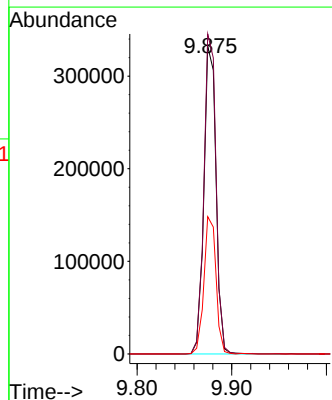
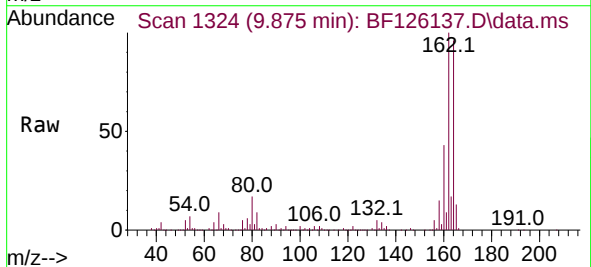
Instrument :
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ClientSampleId :
S1-S2-S3

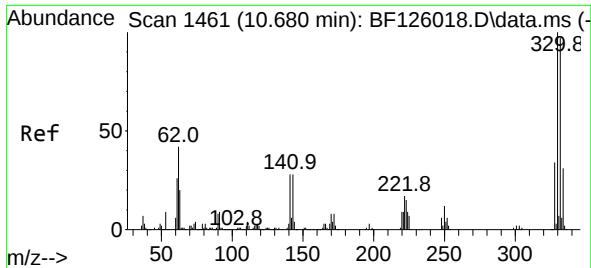
Tgt Ion: 82 Resp: 724867
Ion Ratio Lower Upper
82 100
95 0.0 6.5 9.7#
138 0.0 18.4 27.6#



#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

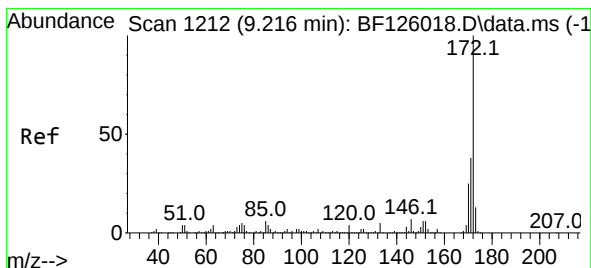
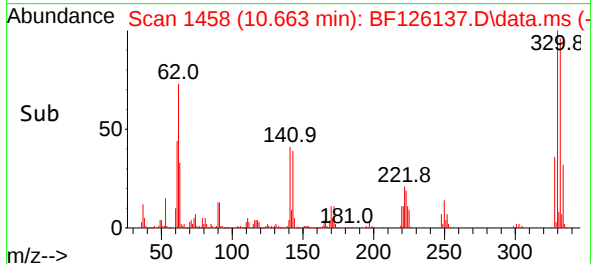
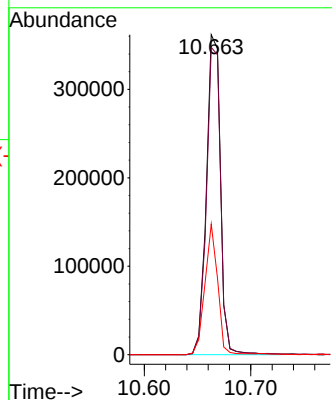
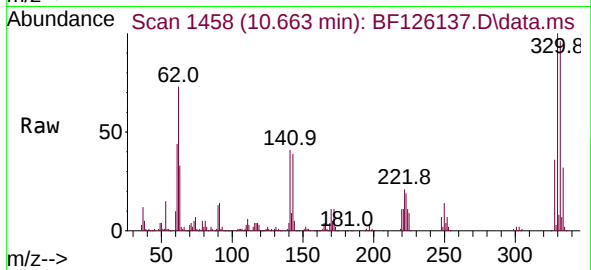




#42
2,4,6-Tribromophenol
Concen: 97.742 ng
RT: 10.663 min Scan# 1461
Delta R.T. -0.018 min
Lab File: BF126137.D
Acq: 11 Nov 2021 21:27

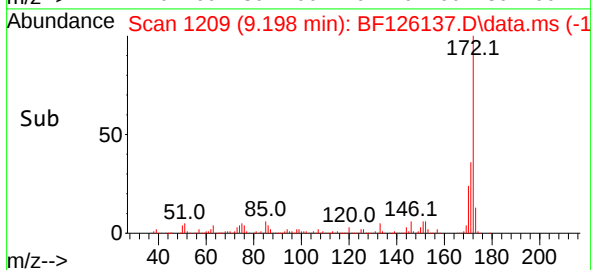
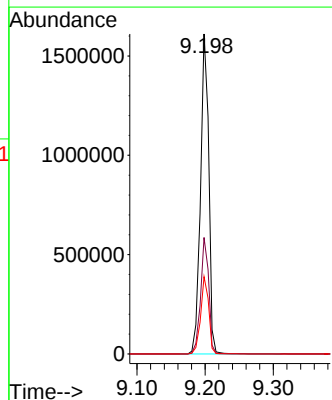
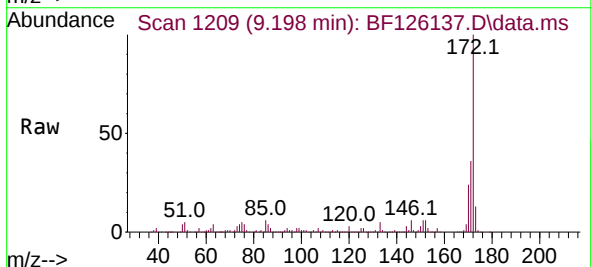
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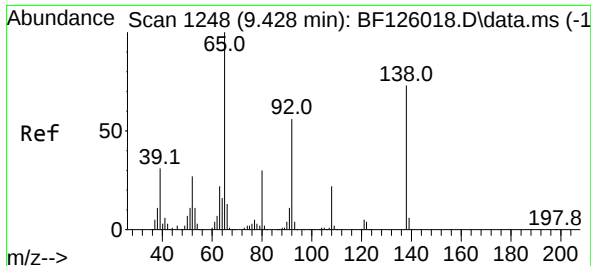
Tgt Ion:330 Resp: 333227
Ion Ratio Lower Upper
330 100
332 97.1 76.2 114.4
141 37.4 44.6 66.8#



#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

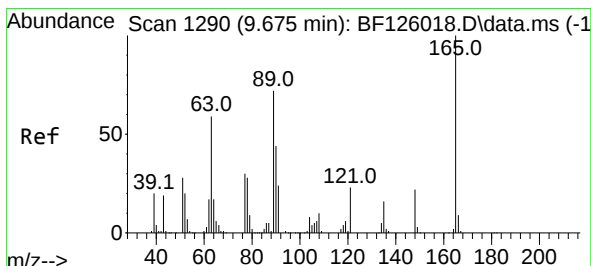
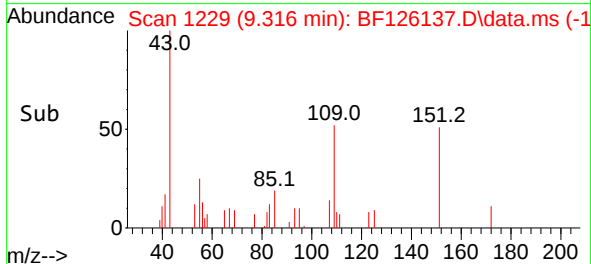
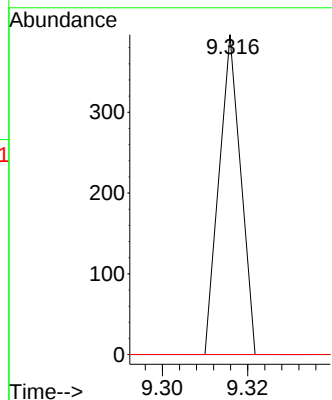
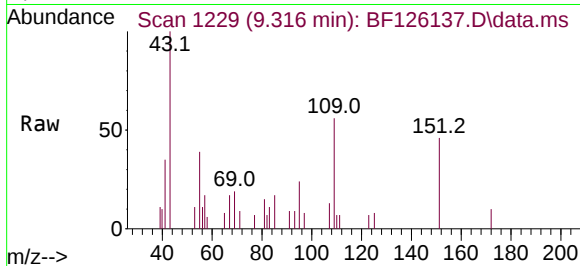




#48
2-Nitroaniline
Concen: 2.871 ng
RT: 9.316 min Scan# 11
Delta R.T. -0.112 min
Lab File: BF126137.D
Acq: 11 Nov 2021 21:27

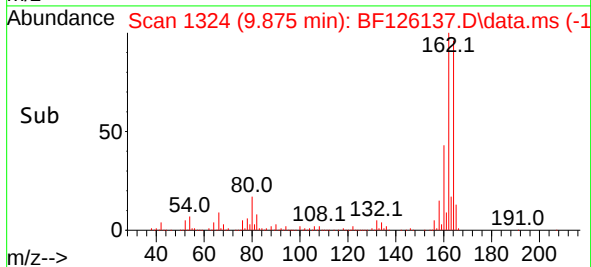
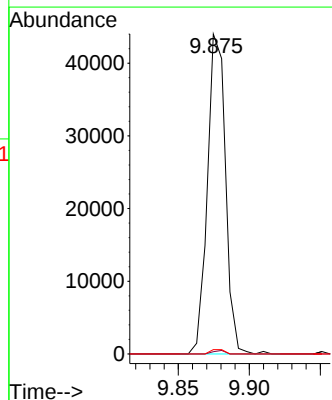
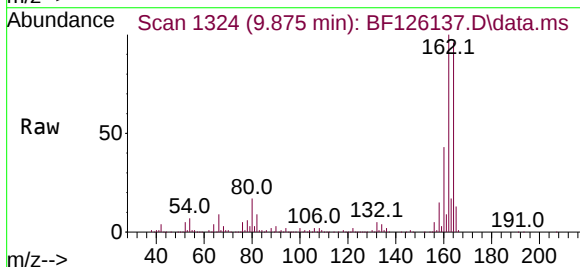
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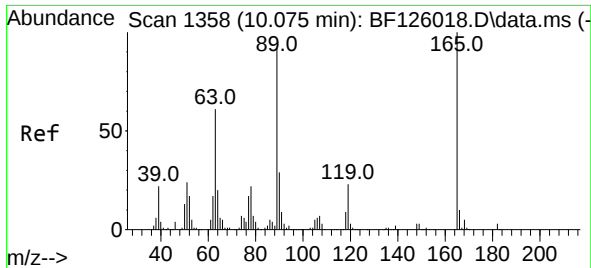
Tgt Ion: 65 Resp: 140
Ion Ratio Lower Upper
65 100
92 0.0 55.5 83.3#
138 0.0 93.5 140.3#



#51
2,6-Dinitrotoluene
Concen: 10.557 ng
RT: 9.875 min Scan# 1324
Delta R.T. 0.200 min
Lab File: BF126137.D
Acq: 11 Nov 2021 21:27

Tgt Ion:165 Resp: 39191
Ion Ratio Lower Upper
165 100
63 0.7 42.6 63.8#
89 1.3 40.6 60.8#

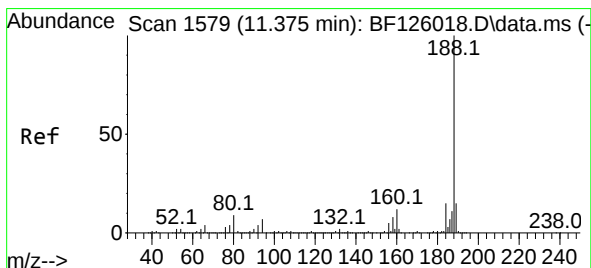
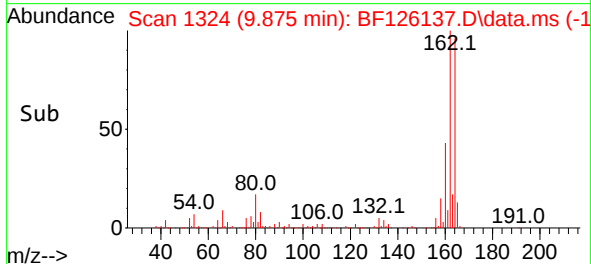
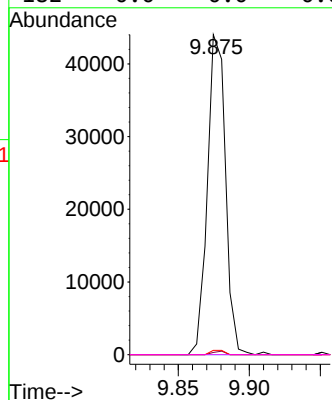
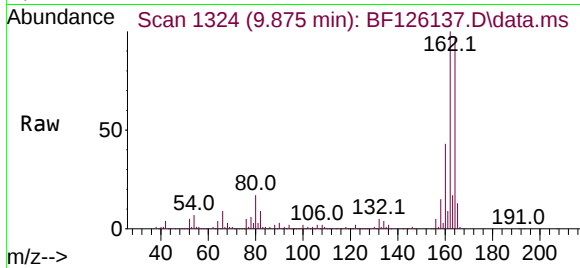




#57
2,4-Dinitrotoluene
Concen: 10.010 ng
RT: 9.875 min Scan# 11
Delta R.T. -0.200 min
Lab File: BF126137.D
Acq: 11 Nov 2021 21:27

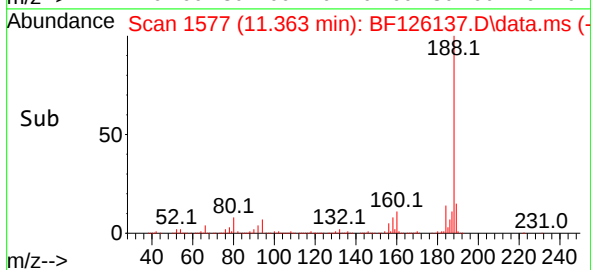
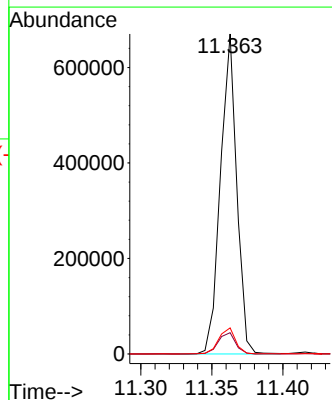
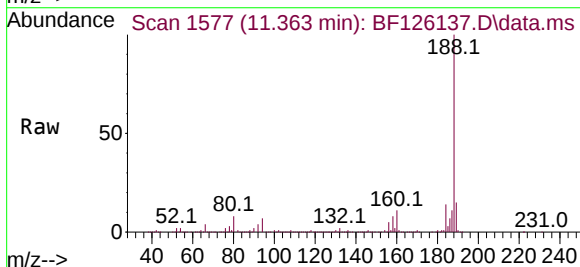
Instrument :
BNA_F
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S1-S2-S3

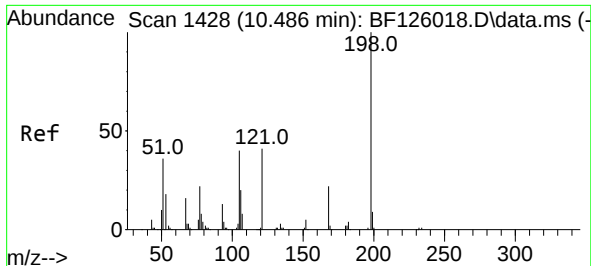
Tgt Ion:165 Resp: 39191
Ion Ratio Lower Upper
165 100
63 0.7 40.9 61.3#
89 1.3 59.7 89.5#
182 0.0 0.0 0.0



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.363 min Scan# 1577
Delta R.T. -0.012 min
Lab File: BF126137.D
Acq: 11 Nov 2021 21:27

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

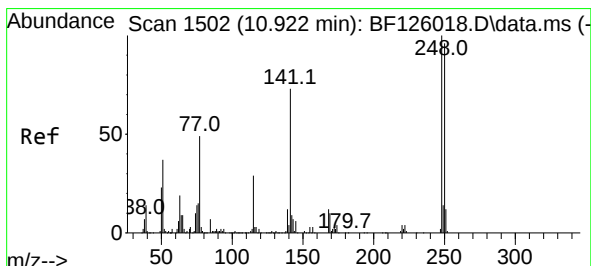
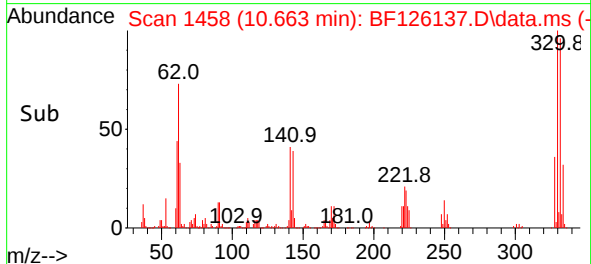
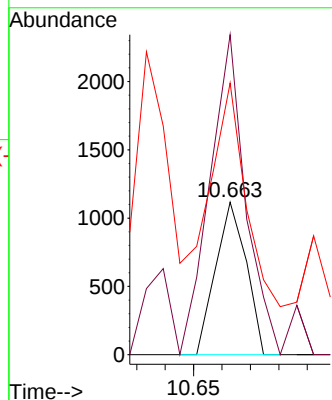
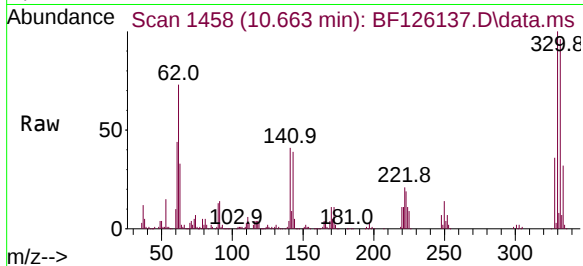




#65
4,6-Dinitro-2-methylphenol
Concen: 8.585 ng
RT: 10.663 min Scan# 1428
Delta R.T. 0.177 min
Lab File: BF126137.D
Acq: 11 Nov 2021 21:27

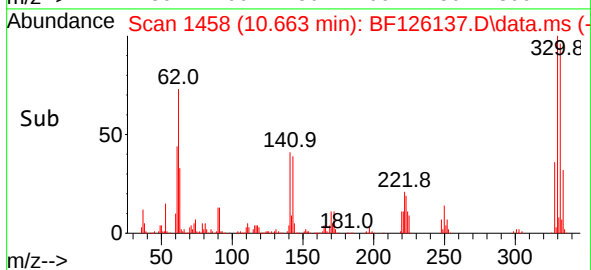
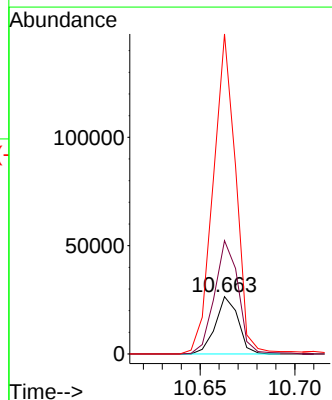
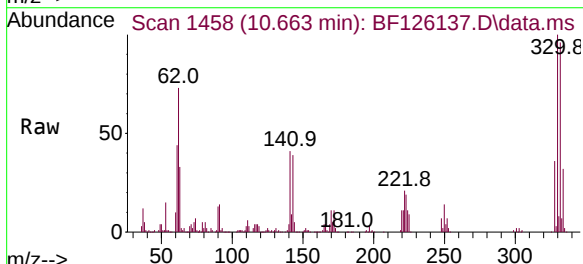
Instrument :
BNA_F
ClientSampleId :
S1-S2-S3

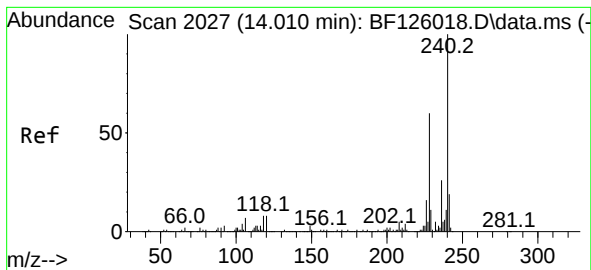
Tgt Ion:198 Resp: 833
Ion Ratio Lower Upper
198 100
51 209.8 45.3 85.3#
105 178.1 30.6 70.6#



#67
4-Bromophenyl-phenylether
Concen: 3.421 ng
RT: 10.663 min Scan# 1458
Delta R.T. -0.259 min
Lab File: BF126137.D
Acq: 11 Nov 2021 21:27

Tgt Ion:248 Resp: 22089
Ion Ratio Lower Upper
248 100
250 197.8 74.2 111.4#
141 558.7 60.4 90.6#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.998 min Scan# 20

Delta R.T. -0.012 min

Lab File: BF126137.D

Acq: 11 Nov 2021 21:27

Instrument :

BNA_F

ClientSampleId :

S1-S2-S3

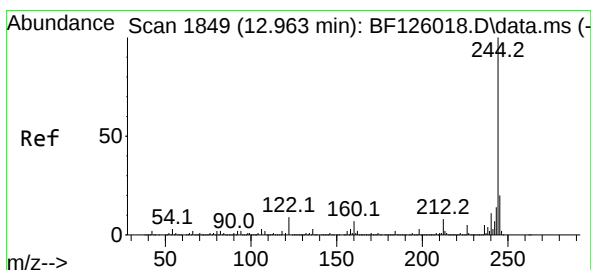
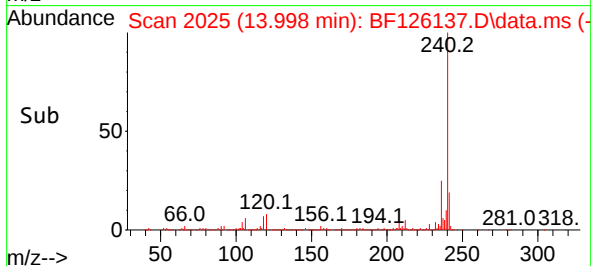
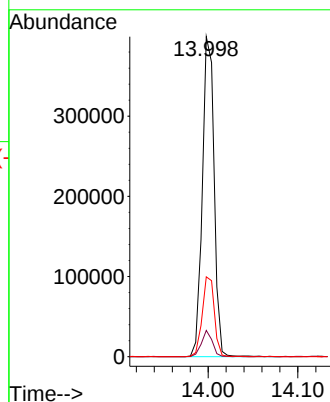
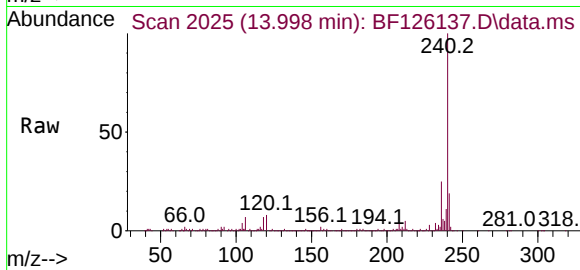
Tgt Ion:240 Resp: 363744

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

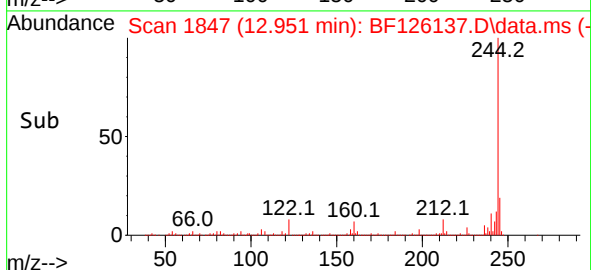
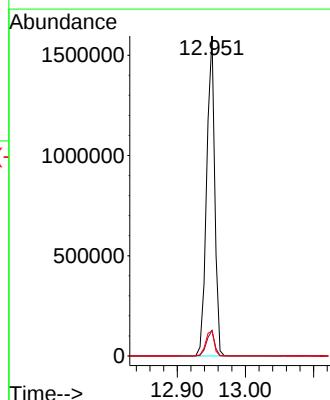
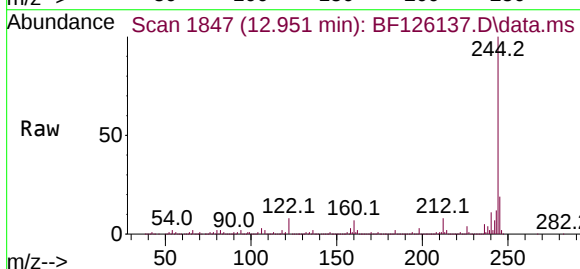
Tgt Ion:244 Resp: 1314628

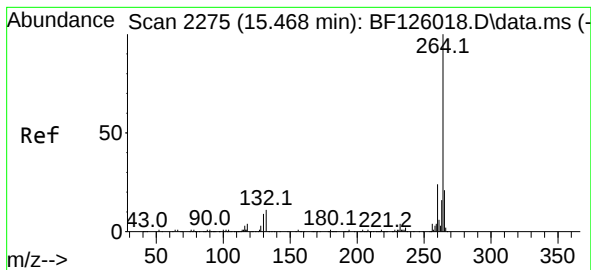
Ion Ratio Lower Upper

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# 21

Delta R.T. -0.005 min

Lab File: BF126137.D

Acq: 11 Nov 2021 21:27

Instrument :

BNA_F

ClientSampleId :

S1-S2-S3

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

