

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110821\
 Data File : BF126073.D
 Acq On : 8 Nov 2021 19:26
 Operator : JU/CG
 Sample : M4477-06
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 T5-EP1-S

Quant Time: Nov 09 09:35:21 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)

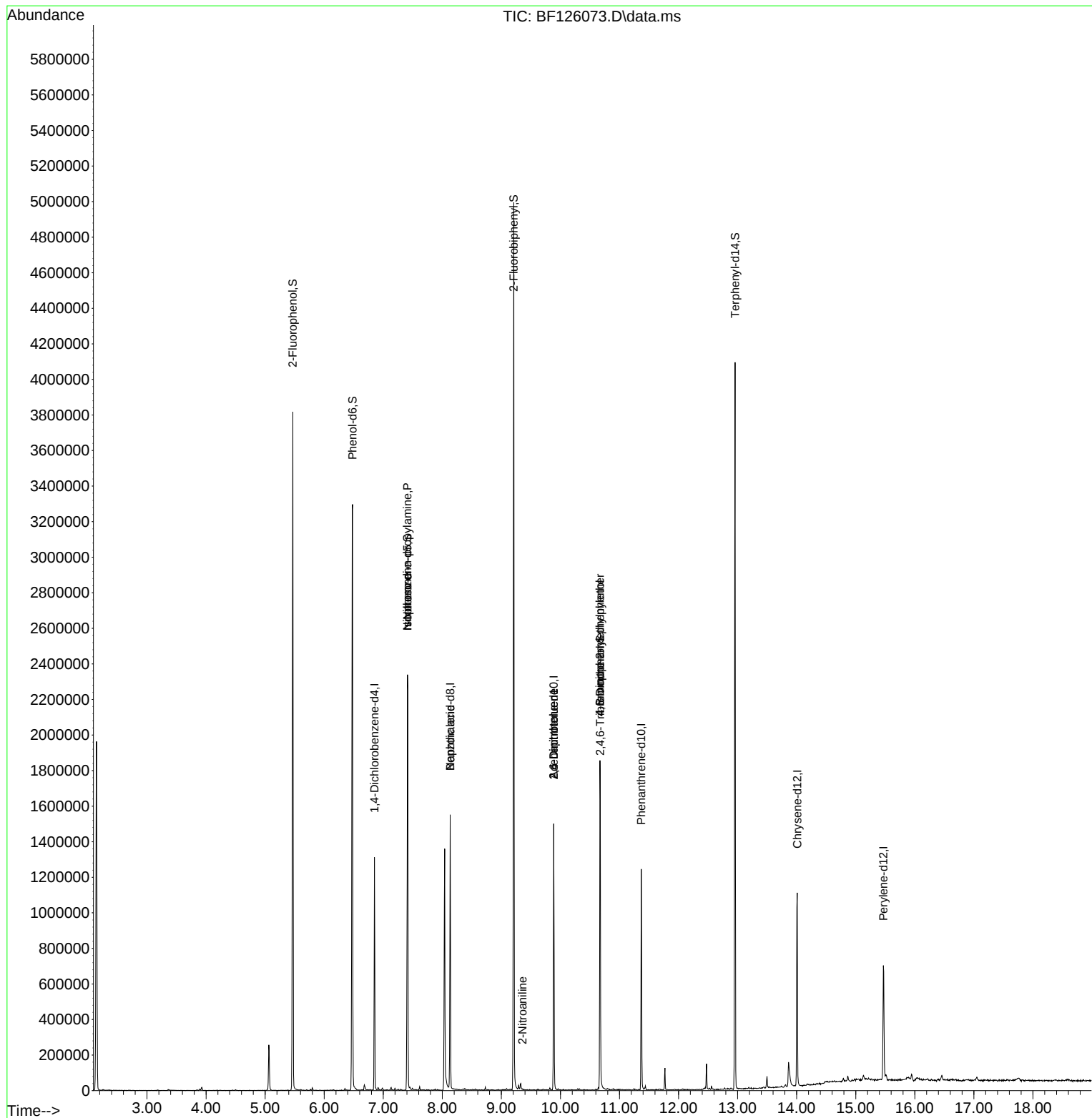
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.851	152	163174	20.000	ng	0.00
21) Naphthalene-d8	8.133	136	548831	20.000	ng	# 0.00
39) Acenaphthene-d10	9.886	164	277095	20.000	ng	0.00
64) Phenanthrene-d10	11.369	188	425040	20.000	ng	0.00
76) Chrysene-d12	14.010	240	392070	20.000	ng	# 0.00
86) Perylene-d12	15.468	264	306605	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	801711	84.374	ng	0.00
7) Phenol-d6	6.481	99	1051294	78.487	ng	0.00
23) Nitrobenzene-d5	7.410	82	776326	66.709	ng	-0.01
42) 2,4,6-Tribromophenol	10.675	330	205938	64.852	ng	0.00
45) 2-Fluorobiphenyl	9.210	172	1361055	66.377	ng	0.00
79) Terphenyl-d14	12.957	244	1280228	52.655	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.481	77	2113	Below Cal	#	1
19) n-Nitroso-di-n-propyla...	7.410	70	110107	12.469	ng	# 60
25) Isophorone	7.410	82	770889	36.792	ng	# 59
32) Benzoic acid	8.133	122	155	9.169	ng	# 1
48) 2-Nitroaniline	9.357	65	113	2.869	ng	# 1
51) 2,6-Dinitrotoluene	9.886	165	33495	9.687	ng	# 28
57) 2,4-Dinitrotoluene	9.886	165	33495	9.446	ng	# 20
65) 4,6-Dinitro-2-methylph...	10.669	198	477	8.509	ng	# 1
67) 4-Bromophenyl-phenylether	10.669	248	12838	2.494	ng	# 1

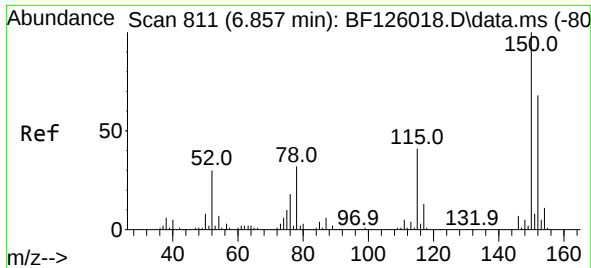
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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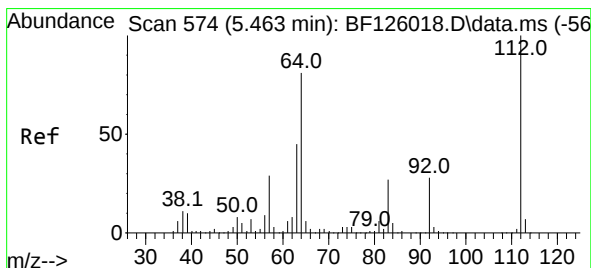
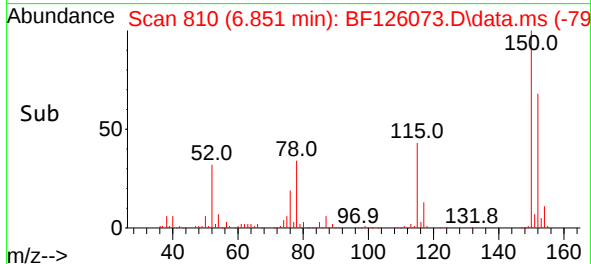
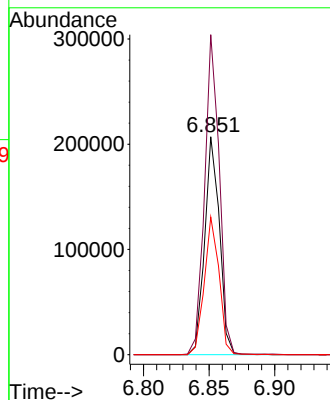
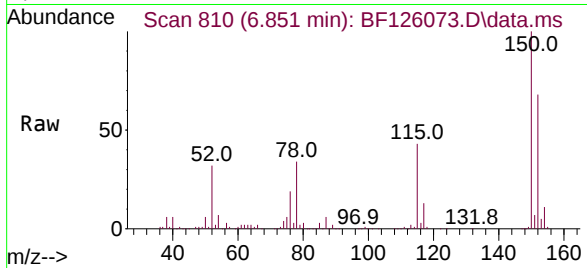




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.851 min Scan# 811
Delta R.T. -0.006 min
Lab File: BF126073.D
Acq: 8 Nov 2021 19:26

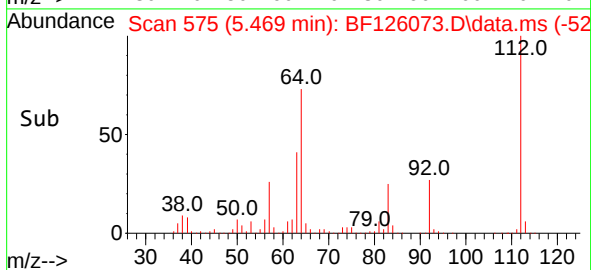
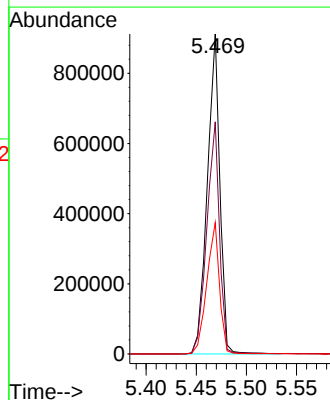
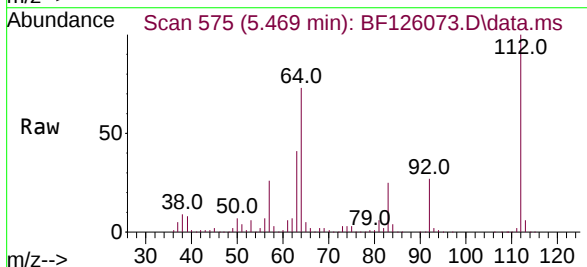
Instrument :
BNA_F
ClientSampleId :
T5-EP1-S

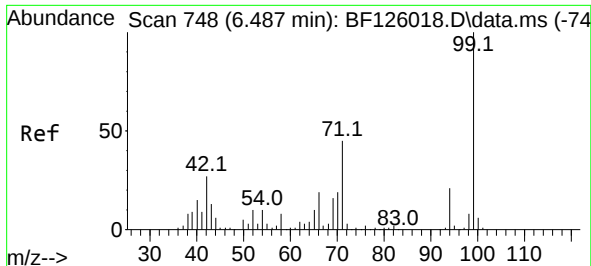
Tgt Ion:152 Resp: 163174
Ion Ratio Lower Upper
152 100
150 146.8 117.6 176.4
115 63.1 47.1 70.7



#5
2-Fluorophenol
Concen: 84.374 ng
RT: 5.469 min Scan# 575
Delta R.T. 0.006 min
Lab File: BF126073.D
Acq: 8 Nov 2021 19:26

Tgt Ion:112 Resp: 801711
Ion Ratio Lower Upper
112 100
64 72.6 44.2 66.2#
63 41.1 26.2 39.2#

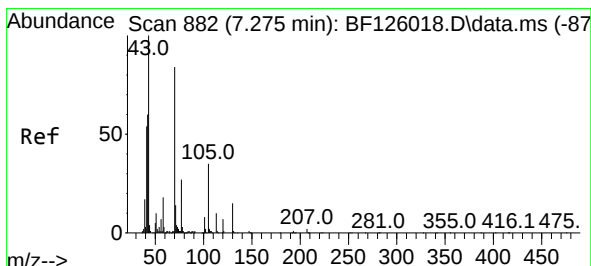
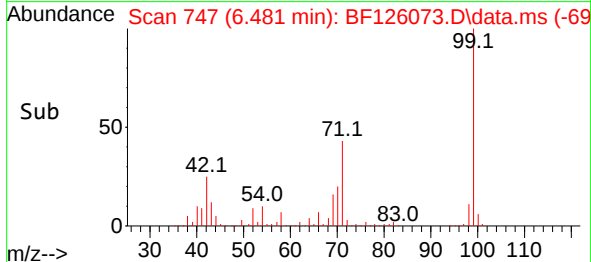
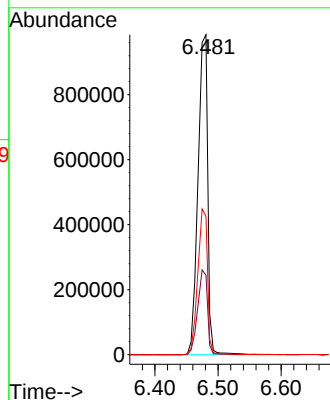
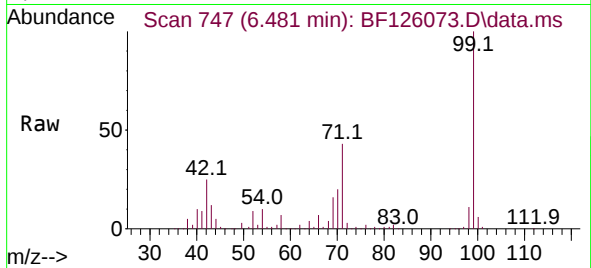




#7
Phenol-d6
Concen: 78.487 ng
RT: 6.481 min Scan# 74
Delta R.T. -0.006 min
Lab File: BF126073.D
Acq: 8 Nov 2021 19:26

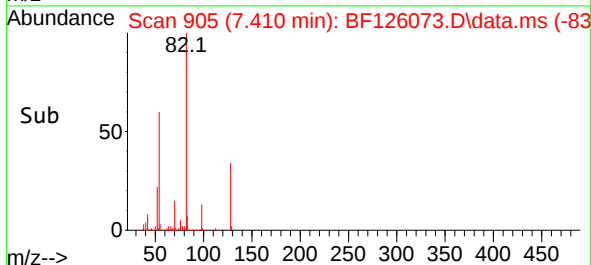
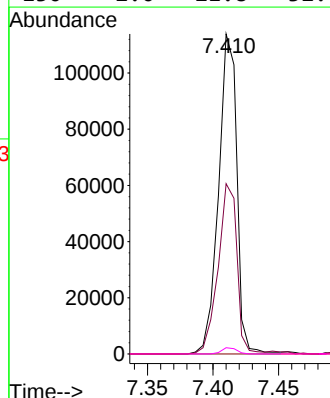
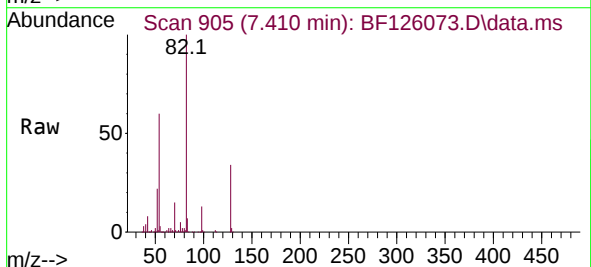
Instrument :
BNA_F
ClientSampleId :
T5-EP1-S

Tgt Ion: 99 Resp: 1051294
Ion Ratio Lower Upper
99 100
42 24.9 23.5 35.3
71 43.2 25.6 38.4#



#19
n-Nitroso-di-n-propylamine
Concen: 12.469 ng
RT: 7.410 min Scan# 905
Delta R.T. 0.135 min
Lab File: BF126073.D
Acq: 8 Nov 2021 19:26

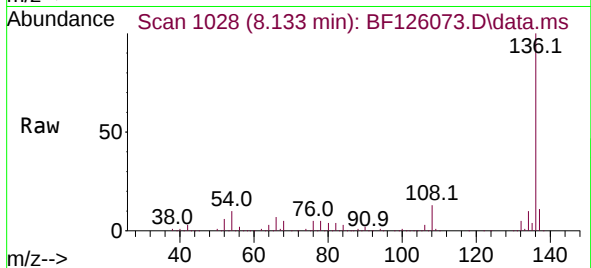
Tgt Ion: 70 Resp: 110107
Ion Ratio Lower Upper
70 100
42 53.2 72.2 108.2#
101 0.0 7.8 11.8#
130 2.0 21.8 32.6#



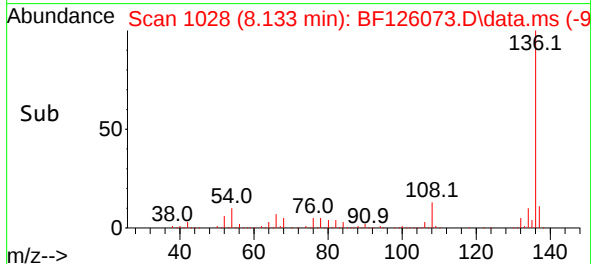
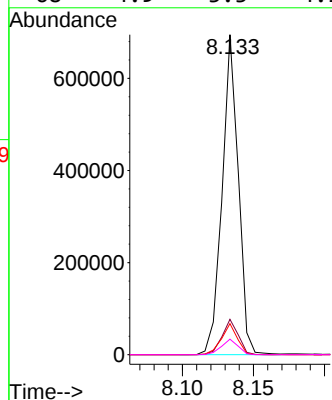


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.133 min Scan# 1028
Delta R.T. -0.006 min
Lab File: BF126073.D
Acq: 8 Nov 2021 19:26

Instrument :
BNA_F
ClientSampleId :
T5-EP1-S

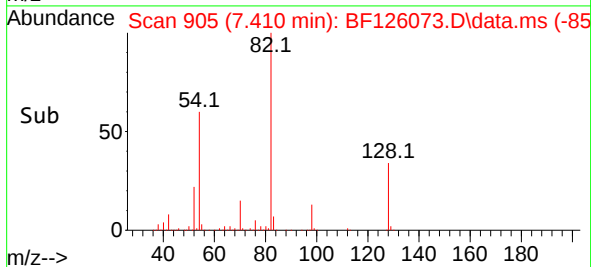
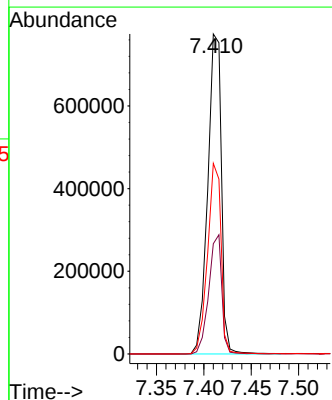
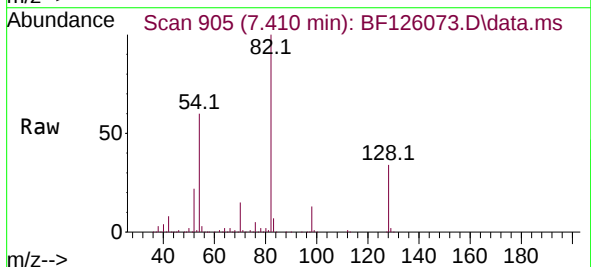


Tgt Ion:	136	Resp:	548831
Ion Ratio	Lower	Upper	
136	100		
137	11.1	9.8	14.6
54	9.7	6.4	9.6#
68	4.9	3.3	4.9



#23
Nitrobenzene-d5
Concen: 66.709 ng
RT: 7.410 min Scan# 905
Delta R.T. -0.012 min
Lab File: BF126073.D
Acq: 8 Nov 2021 19:26

Tgt Ion:	82	Resp:	776326
Ion Ratio	Lower	Upper	
82	100		
128	34.5	40.6	60.8#
54	59.6	49.6	74.4

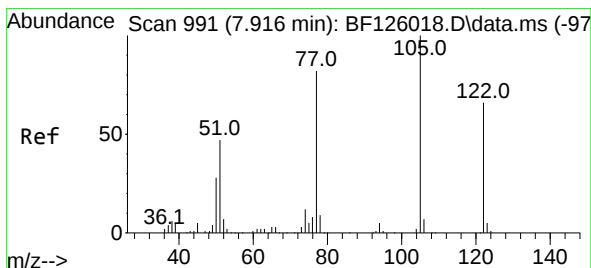
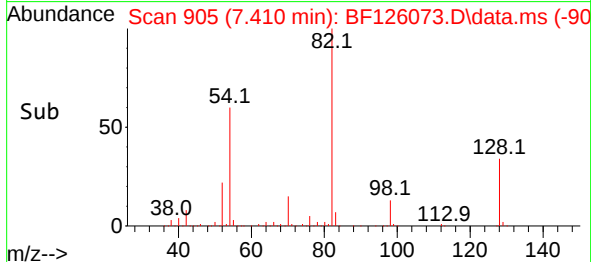
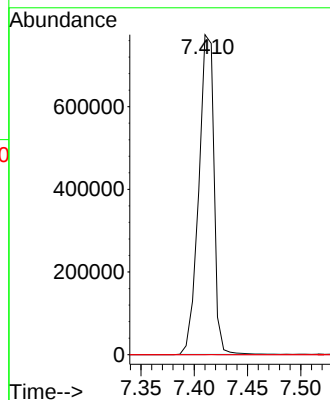
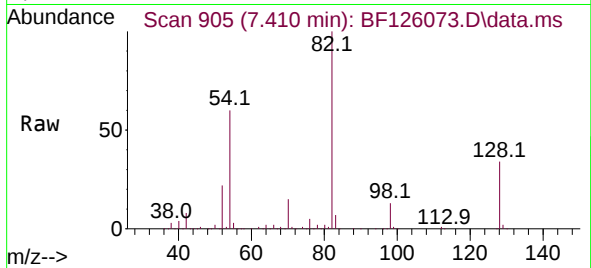




#25
Isophorone
Concen: 36.792 ng
RT: 7.410 min Scan# 90
Delta R.T. -0.271 min
Lab File: BF126073.D
Acq: 8 Nov 2021 19:26

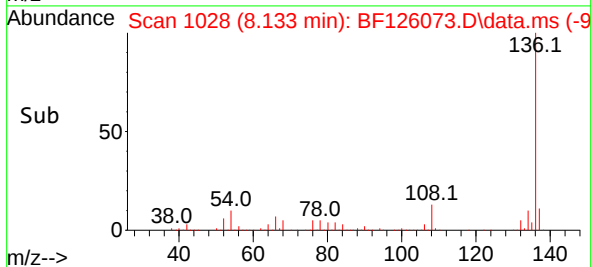
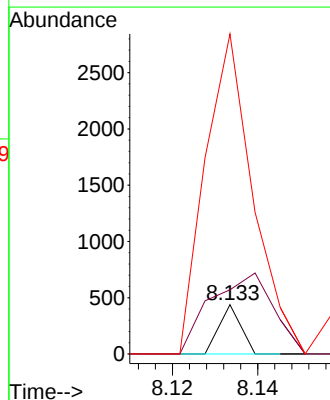
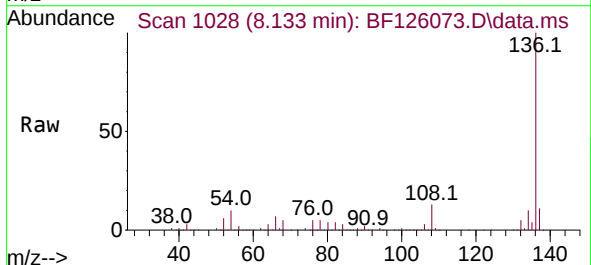
Instrument :
BNA_F
ClientSampleId :
T5-EP1-S

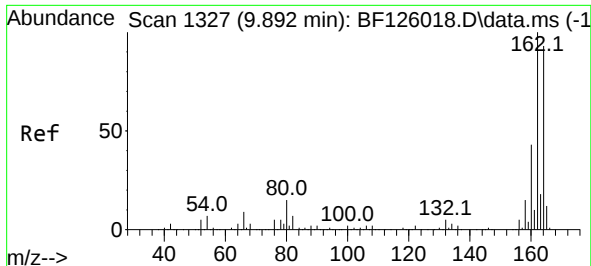
Tgt Ion: 82 Resp: 770889
Ion Ratio Lower Upper
82 100
95 0.0 6.5 9.7#
138 0.0 18.4 27.6#



#32
Benzoic acid
Concen: 9.169 ng
RT: 8.133 min Scan# 1028
Delta R.T. 0.217 min
Lab File: BF126073.D
Acq: 8 Nov 2021 19:26

Tgt Ion:122 Resp: 155
Ion Ratio Lower Upper
122 100
105 130.1 97.6 137.6
77 649.3 59.6 99.6#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.886 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF126073.D

Acq: 8 Nov 2021 19:26

Instrument :

BNA_F

ClientSampleId :

T5-EP1-S

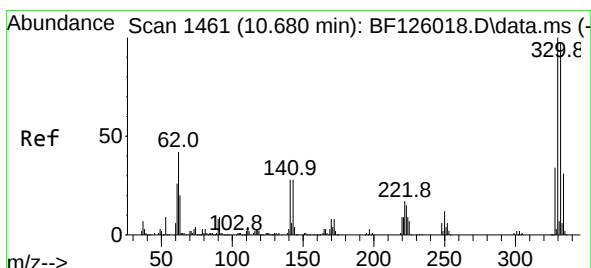
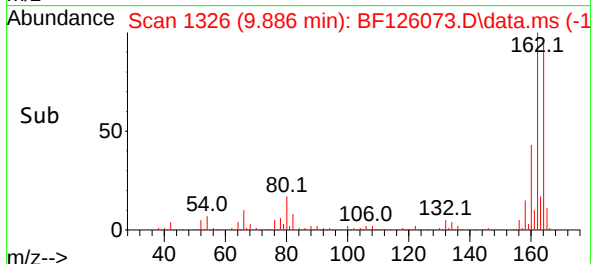
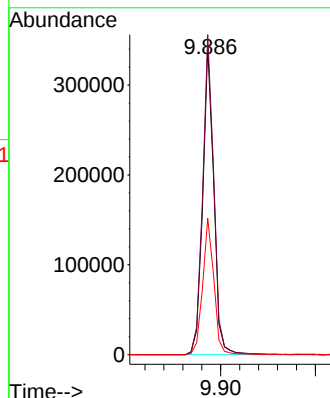
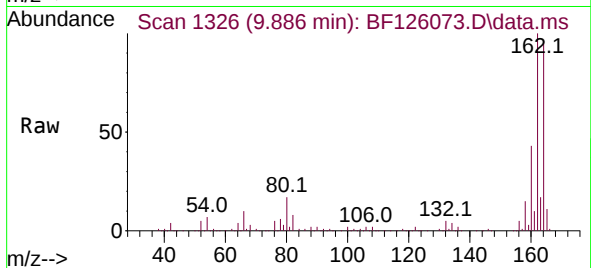
Tgt Ion:164 Resp: 277095

Ion Ratio Lower Upper

164 100

162 104.0 81.3 121.9

160 44.4 38.0 57.0



#42

2,4,6-Tribromophenol

Concen: 64.852 ng

RT: 10.675 min Scan# 1460

Delta R.T. -0.006 min

Lab File: BF126073.D

Acq: 8 Nov 2021 19:26

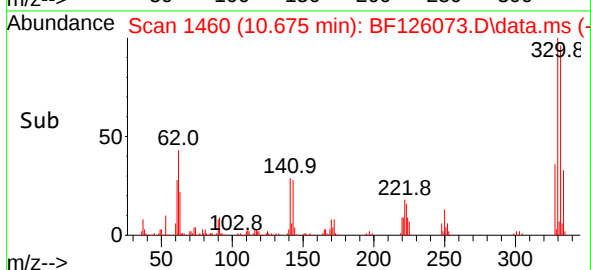
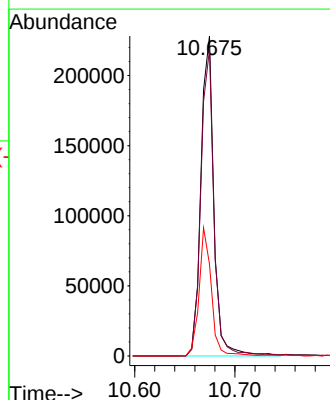
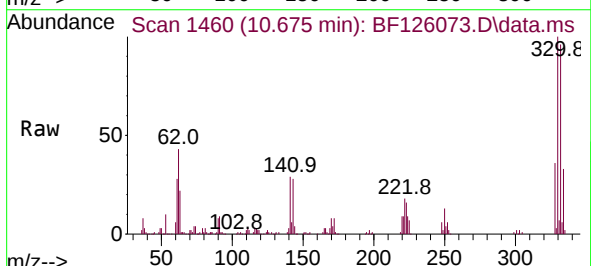
Tgt Ion:330 Resp: 205938

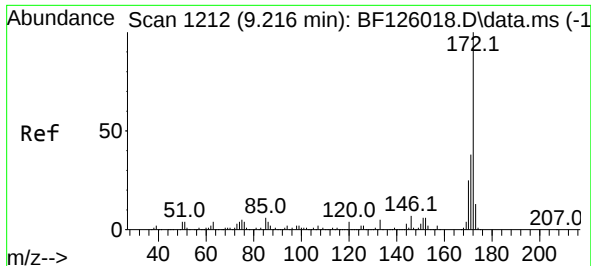
Ion Ratio Lower Upper

330 100

332 97.0 76.2 114.4

141 37.7 44.6 66.8#

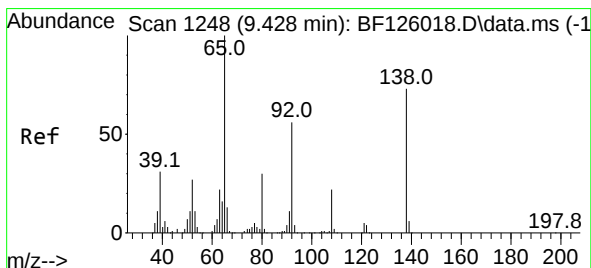
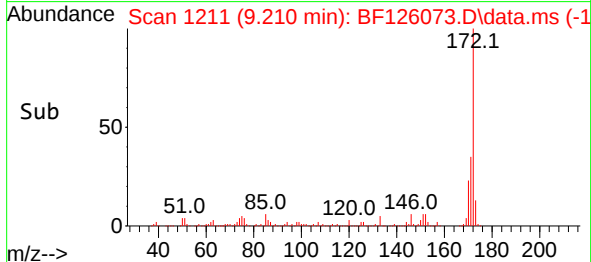
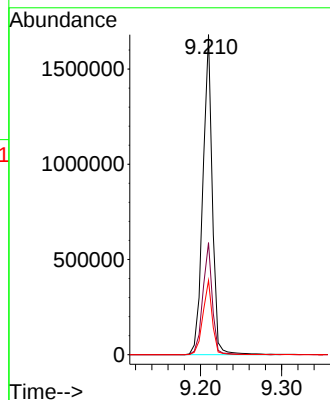
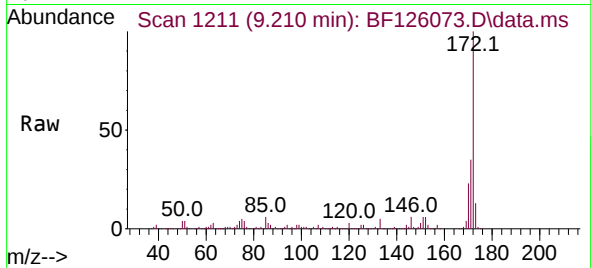




#45
2-Fluorobiphenyl
Concen: 66.377 ng
RT: 9.210 min Scan# 1212
Delta R.T. -0.006 min
Lab File: BF126073.D
Acq: 8 Nov 2021 19:26

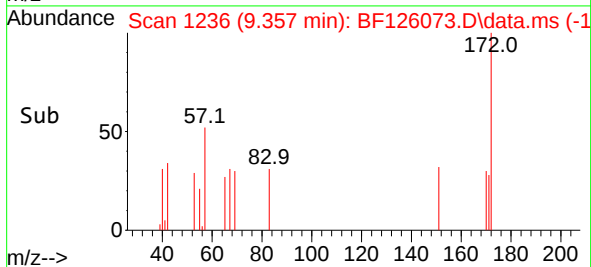
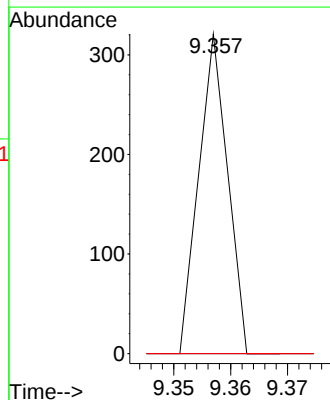
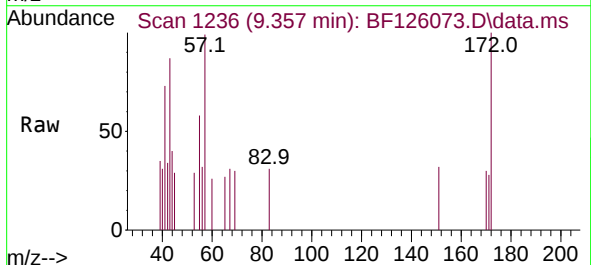
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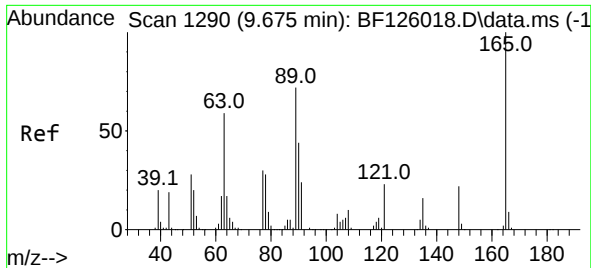
Tgt Ion:172 Resp: 1361055
Ion Ratio Lower Upper
172 100
171 35.0 26.5 39.7
170 23.2 18.8 28.2



#48
2-Nitroaniline
Concen: 2.869 ng
RT: 9.357 min Scan# 1236
Delta R.T. -0.071 min
Lab File: BF126073.D
Acq: 8 Nov 2021 19:26

Tgt Ion: 65 Resp: 113
Ion Ratio Lower Upper
65 100
92 0.0 55.5 83.3#
138 0.0 93.5 140.3#

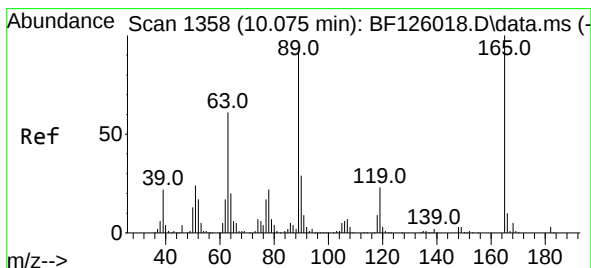
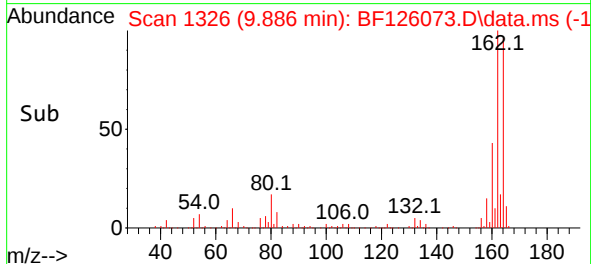
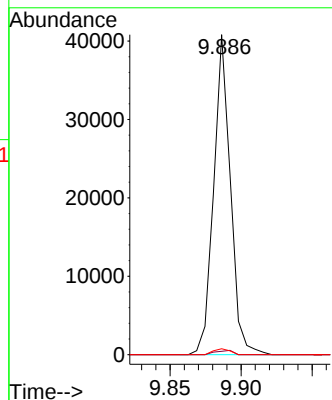
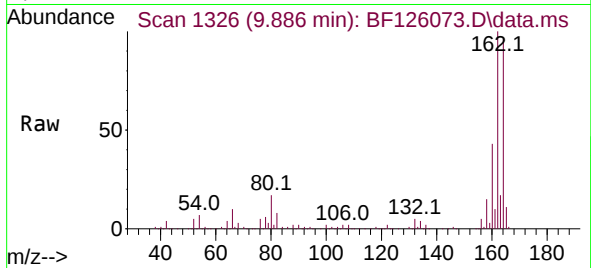




#51
2,6-Dinitrotoluene
Concen: 9.687 ng
RT: 9.886 min Scan# 1326
Delta R.T. 0.211 min
Lab File: BF126073.D
Acq: 8 Nov 2021 19:26

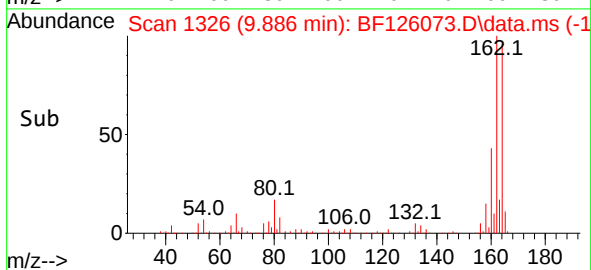
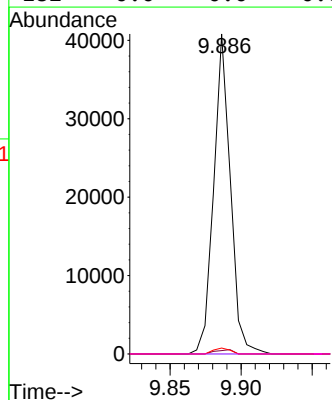
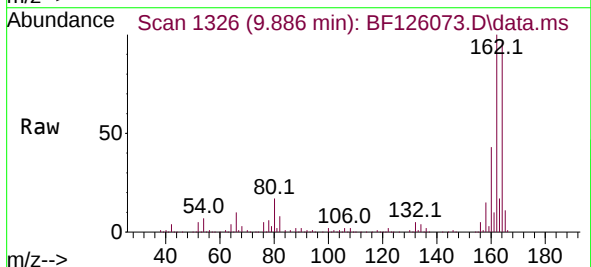
Instrument :
BNA_F
ClientSampleId :
T5-EP1-S

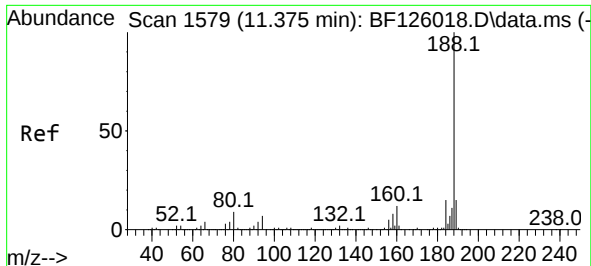
Tgt Ion:165 Resp: 33495
Ion Ratio Lower Upper
165 100
63 1.0 42.6 63.8#
89 1.9 40.6 60.8#



#57
2,4-Dinitrotoluene
Concen: 9.446 ng
RT: 9.886 min Scan# 1326
Delta R.T. -0.189 min
Lab File: BF126073.D
Acq: 8 Nov 2021 19:26

Tgt Ion:165 Resp: 33495
Ion Ratio Lower Upper
165 100
63 1.0 40.9 61.3#
89 1.9 59.7 89.5#
182 0.0 0.0 0.0

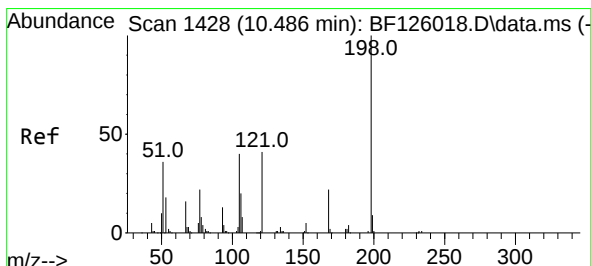
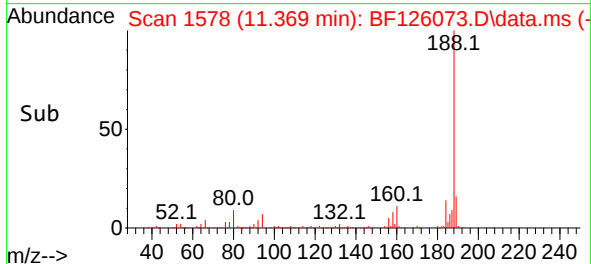
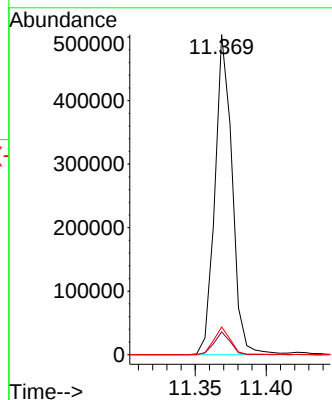
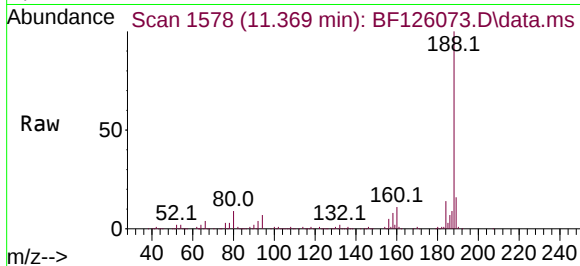




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.369 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF126073.D
Acq: 8 Nov 2021 19:26

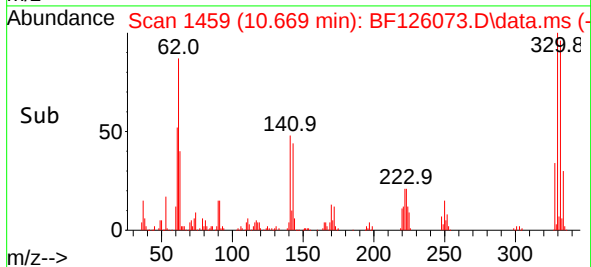
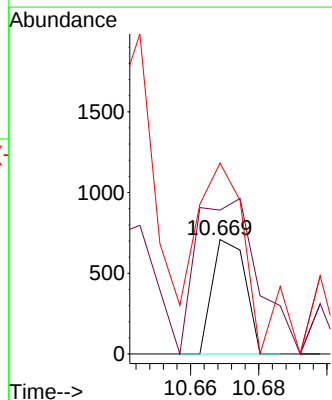
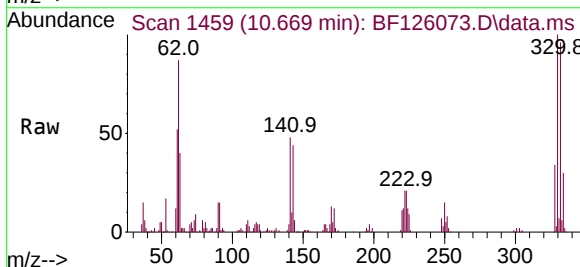
Instrument :
BNA_F
ClientSampleId :
T5-EP1-S

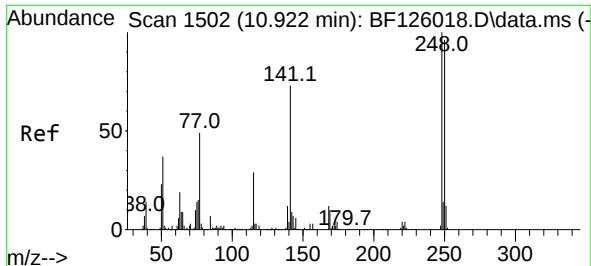
Tgt Ion:188 Resp: 425040
Ion Ratio Lower Upper
188 100
94 7.1 6.7 10.1
80 8.7 7.5 11.3



#65
4,6-Dinitro-2-methylphenol
Concen: 8.509 ng
RT: 10.669 min Scan# 1459
Delta R.T. 0.183 min
Lab File: BF126073.D
Acq: 8 Nov 2021 19:26

Tgt Ion:198 Resp: 477
Ion Ratio Lower Upper
198 100
51 125.7 45.3 85.3#
105 166.7 30.6 70.6#





#67

4-Bromophenyl-phenylether

Concen: 2.494 ng

RT: 10.669 min Scan# 14

Delta R.T. -0.253 min

Lab File: BF126073.D

Acq: 8 Nov 2021 19:26

Instrument :

BNA_F

ClientSampleId :

T5-EP1-S

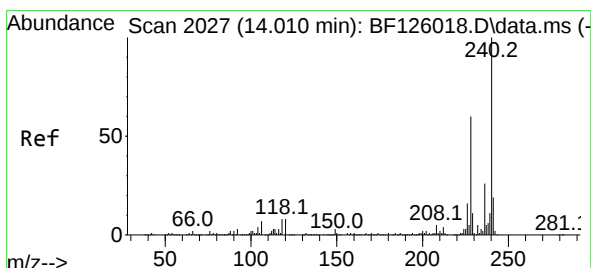
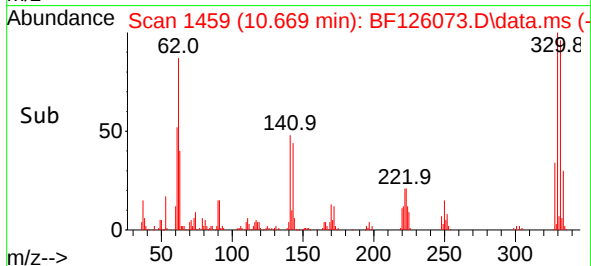
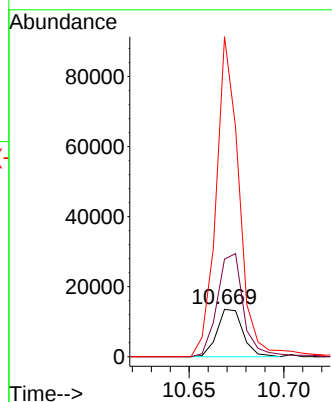
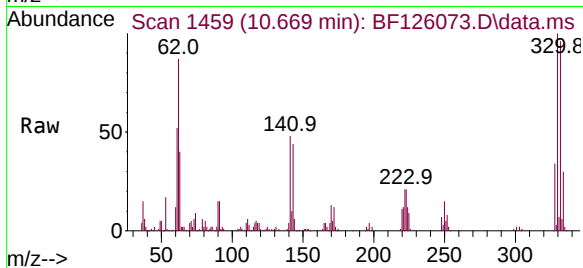
Tgt Ion:248 Resp: 12838

Ion Ratio Lower Upper

248 100

250 206.0 74.2 111.4#

141 674.9 60.4 90.6#



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.010 min Scan# 2027

Delta R.T. -0.000 min

Lab File: BF126073.D

Acq: 8 Nov 2021 19:26

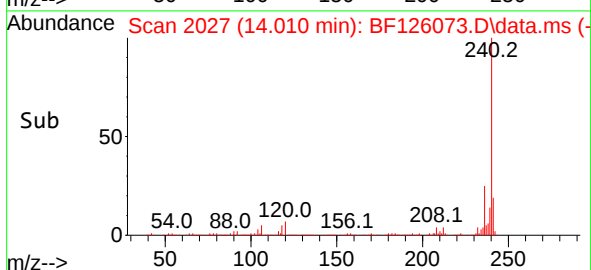
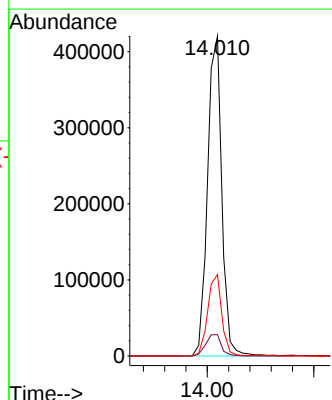
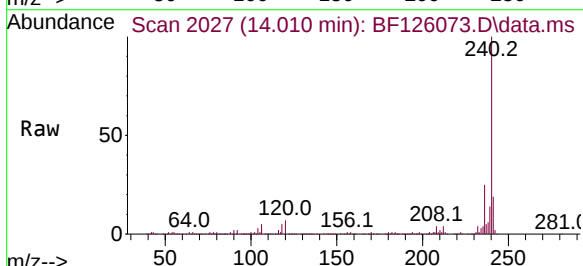
Tgt Ion:240 Resp: 392070

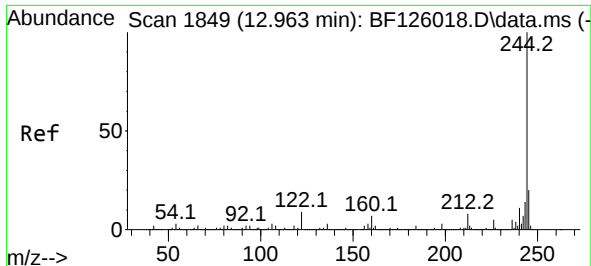
Ion Ratio Lower Upper

240 100

120 6.6 10.8 16.2#

236 25.5 21.6 32.4

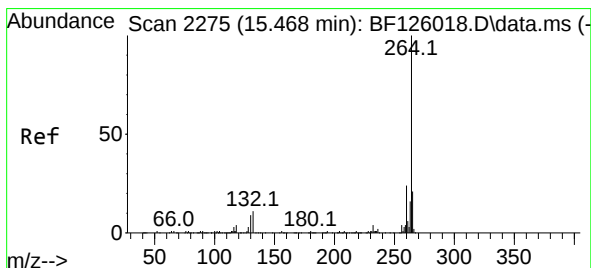
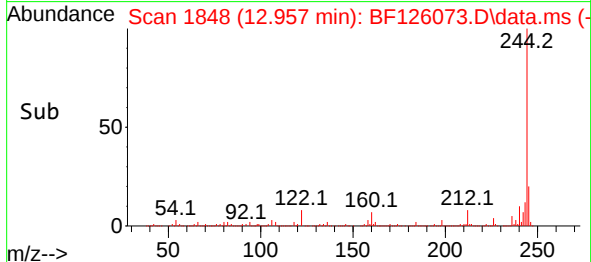
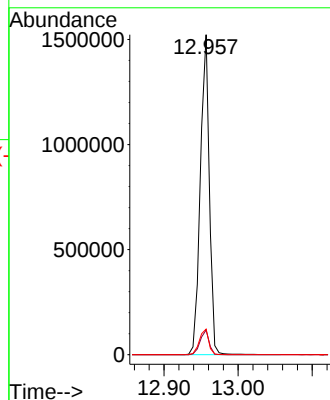
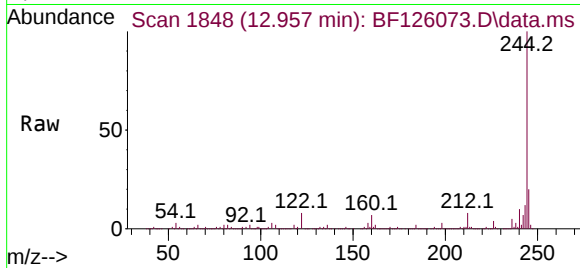




#79
 Terphenyl-d14
 Concen: 52.655 ng
 RT: 12.957 min Scan# 1848
 Delta R.T. -0.006 min
 Lab File: BF126073.D
 Acq: 8 Nov 2021 19:26

Instrument :
 BNA_F
 ClientSampleId :
 T5-EP1-S

Tgt Ion:244 Resp: 1280228
 Ion Ratio Lower Upper
 244 100
 212 7.7 5.9 8.9
 122 8.0 9.0 13.4#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.468 min Scan# 2275
 Delta R.T. 0.000 min
 Lab File: BF126073.D
 Acq: 8 Nov 2021 19:26

Tgt Ion:264 Resp: 306605
 Ion Ratio Lower Upper
 264 100
 260 23.8 19.6 29.4
 265 20.1 17.2 25.8

