

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF013122\
 Data File : BF126756.D
 Acq On : 31 Jan 2022 17:34
 Operator : CG/JU
 Sample : N1325-20
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TEX-3

Quant Time: Feb 01 02:41:58 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF011822.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 27 03:09:40 2022
 Response via : Initial Calibration

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

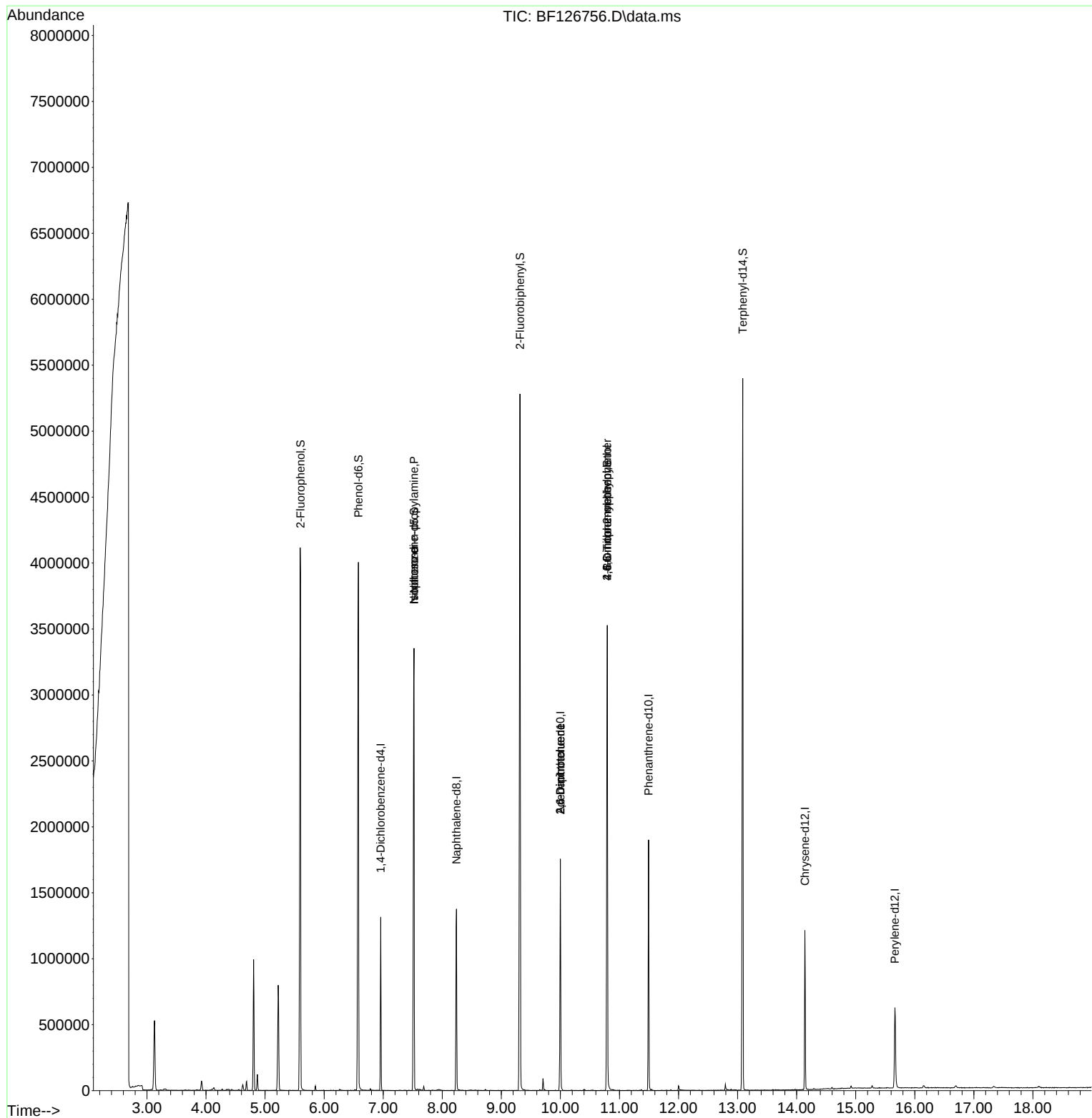
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.957	152	152848	20.000	ng	0.00
21) Naphthalene-d8	8.239	136	613577	20.000	ng	0.00
39) Acenaphthene-d10	9.998	164	336903	20.000	ng	0.00
64) Phenanthrene-d10	11.492	188	589437	20.000	ng	0.00
76) Chrysene-d12	14.139	240	379376	20.000	ng	# 0.00
86) Perylene-d12	15.663	264	289407	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.598	112	1287516	110.845	ng	0.03
7) Phenol-d6	6.581	99	1589657	98.502	ng	0.00
23) Nitrobenzene-d5	7.522	82	1366042	87.142	ng	0.00
42) 2,4,6-Tribromophenol	10.792	330	428917	136.039	ng	0.00
45) 2-Fluorobiphenyl	9.316	172	1800549	81.850	ng	0.00
79) Terphenyl-d14	13.086	244	1931848	85.409	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.516	77	253	Below Cal	#	50
19) n-Nitroso-di-n-propyla...	7.522	70	182790	15.519	ng	# 67
25) Isophorone	7.522	82	1359213	44.709	ng	# 69
51) 2,6-Dinitrotoluene	9.998	165	42965	10.406	ng	# 21
57) 2,4-Dinitrotoluene	9.998	165	42965	8.587	ng	# 15
65) 4,6-Dinitro-2-methylph...	10.792	198	875	7.635	ng	# 1
67) 4-Bromophenyl-phenylether	10.792	248	26972	3.970	ng	# 1

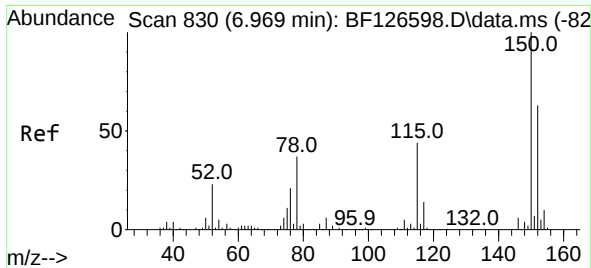
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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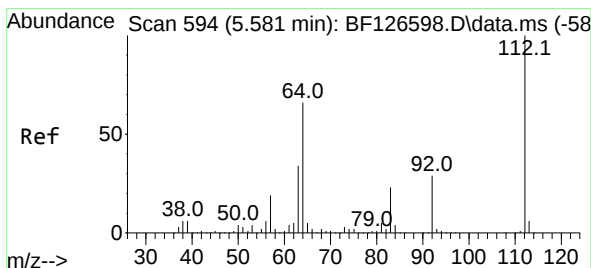
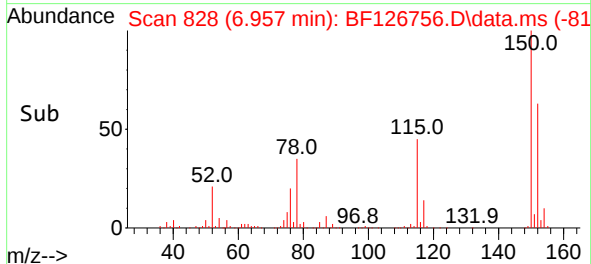
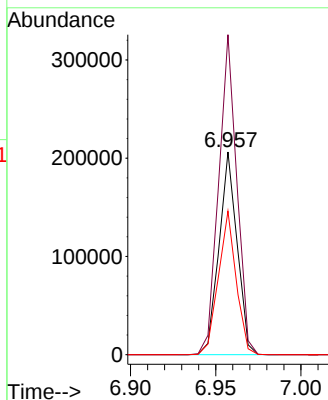
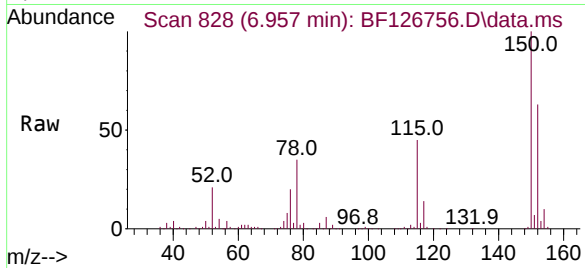




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.957 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF126756.D
Acq: 31 Jan 2022 17:34

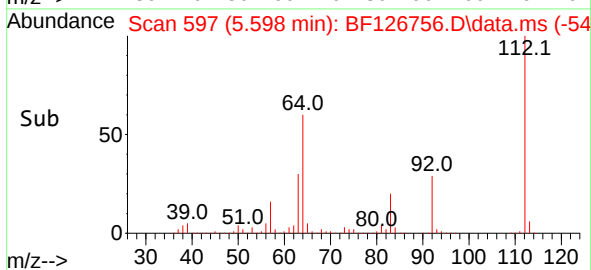
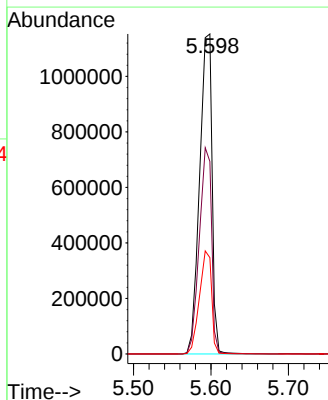
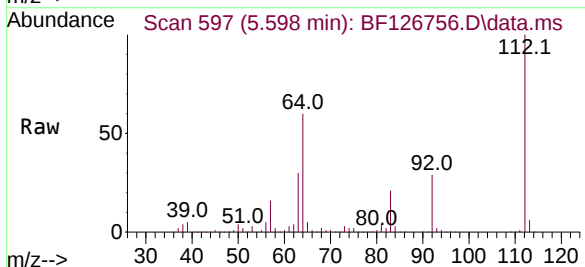
Instrument :
BNA_F
ClientSampleId :
TEX-3

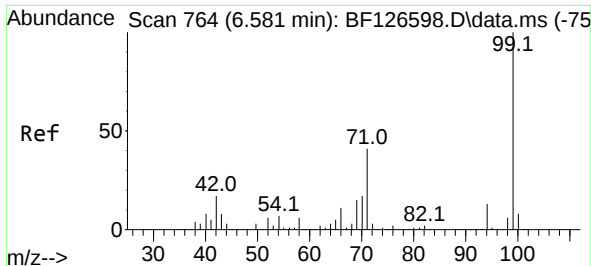
Tgt Ion:152 Resp: 152848
Ion Ratio Lower Upper
152 100
150 157.8 128.1 192.1
115 70.8 56.7 85.1



#5
2-Fluorophenol
Concen: 110.845 ng
RT: 5.598 min Scan# 597
Delta R.T. 0.030 min
Lab File: BF126756.D
Acq: 31 Jan 2022 17:34

Tgt Ion:112 Resp: 1287516
Ion Ratio Lower Upper
112 100
64 60.2 49.5 74.3
63 30.1 23.9 35.9





#7

Phenol-d6

Concen: 98.502 ng

RT: 6.581 min Scan# 764

Delta R.T. 0.006 min

Lab File: BF126756.D

Acq: 31 Jan 2022 17:34

Instrument :

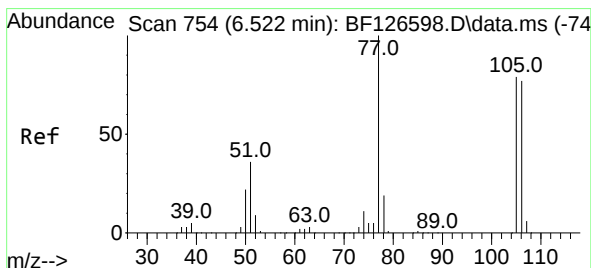
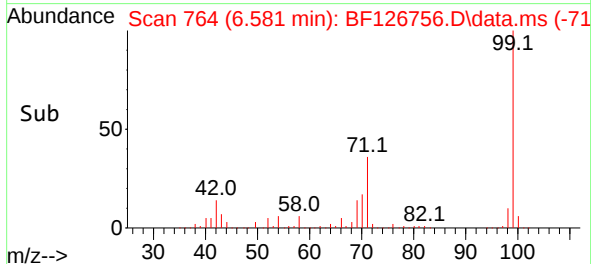
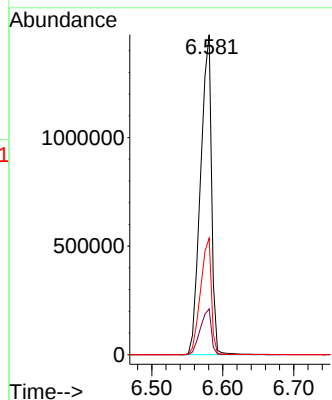
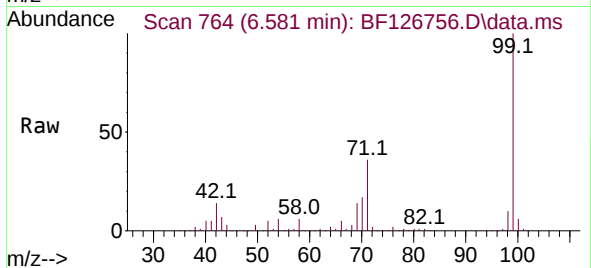
BNA_F

ClientSampleId :

TEX-3

Tgt Ion: 99 Resp: 1589657

Ion	Ratio	Lower	Upper
99	100		
42	14.3	14.2	21.4
71	36.4	24.3	36.5



#9

Benzaldehyde

Concen: Below Cal

RT: 6.516 min Scan# 753

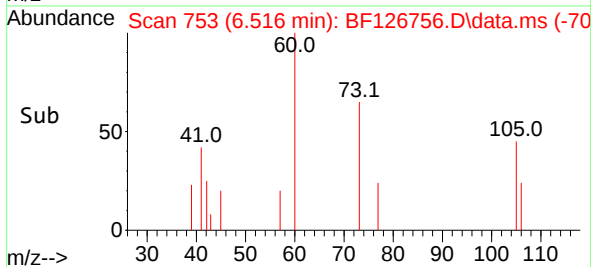
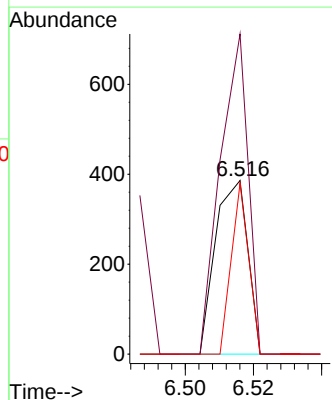
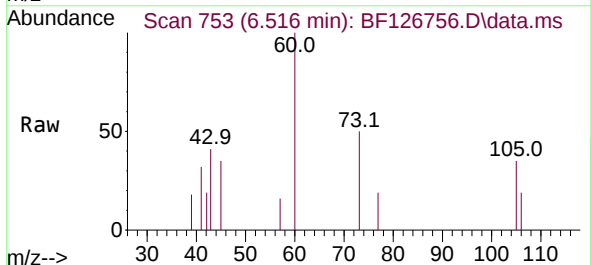
Delta R.T. 0.006 min

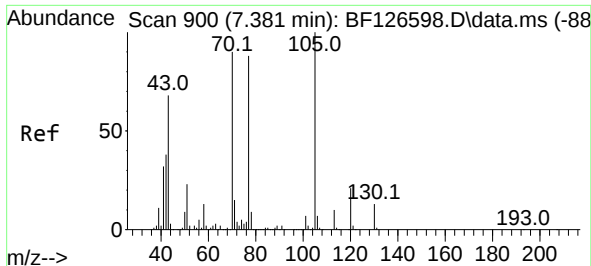
Lab File: BF126756.D

Acq: 31 Jan 2022 17:34

Tgt Ion: 77 Resp: 253

Ion	Ratio	Lower	Upper
77	100		
105	184.5	74.9	114.9#
106	98.4	72.4	112.4

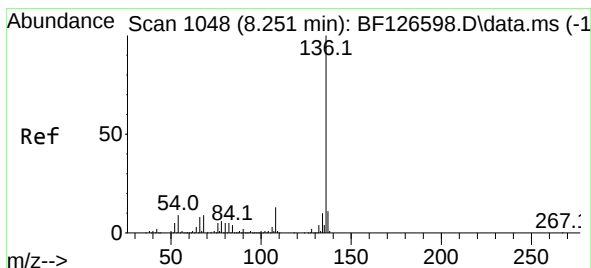
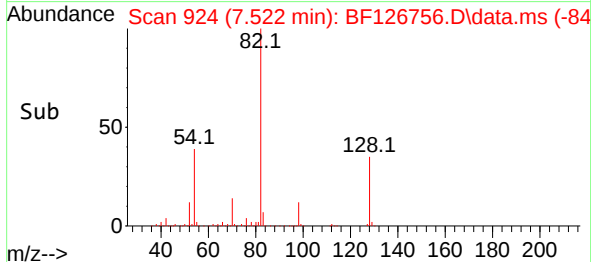
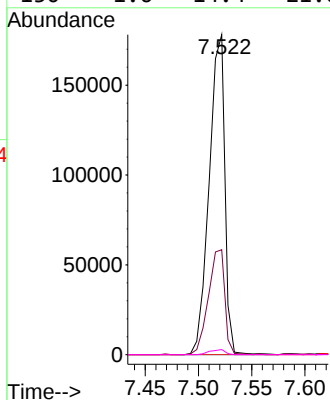
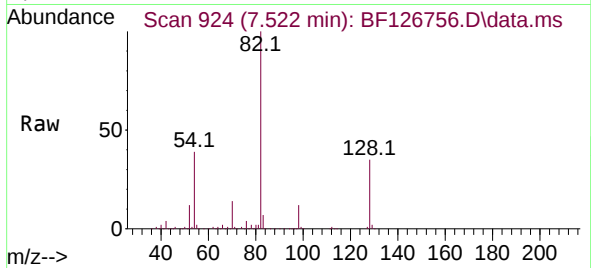




#19
n-Nitroso-di-n-propylamine
Concen: 15.519 ng
RT: 7.522 min Scan# 91
Delta R.T. 0.153 min
Lab File: BF126756.D
Acq: 31 Jan 2022 17:34

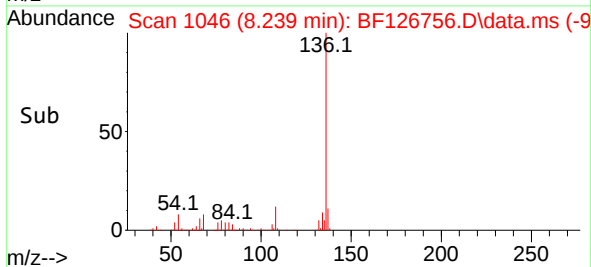
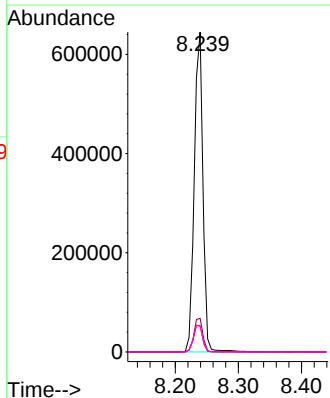
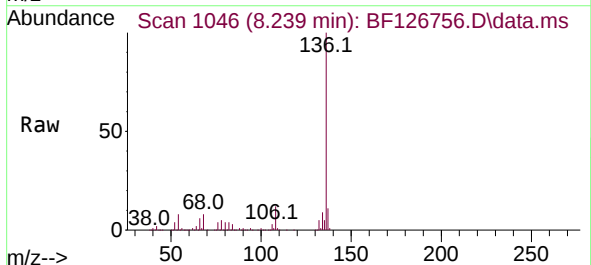
Instrument :
BNA_F
ClientSampleId :
TEX-3

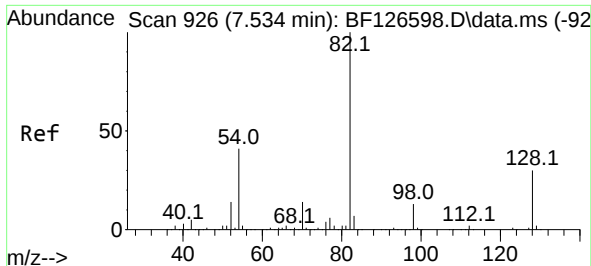
Tgt Ion: 70 Resp: 182790
Ion Ratio Lower Upper
70 100
42 32.8 45.8 68.8#
101 0.0 6.9 10.3#
130 1.6 14.4 21.6#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.239 min Scan# 1046
Delta R.T. 0.000 min
Lab File: BF126756.D
Acq: 31 Jan 2022 17:34

Tgt Ion: 136 Resp: 613577
Ion Ratio Lower Upper
136 100
137 10.5 8.6 13.0
54 8.2 7.8 11.6
68 8.0 6.3 9.5





#23

Nitrobenzene-d5

Concen: 87.142 ng

RT: 7.522 min Scan# 91

Delta R.T. 0.000 min

Lab File: BF126756.D

Acq: 31 Jan 2022 17:34

Instrument :

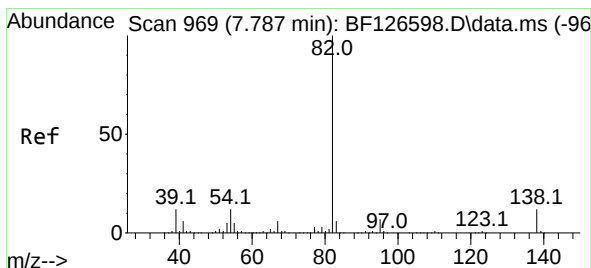
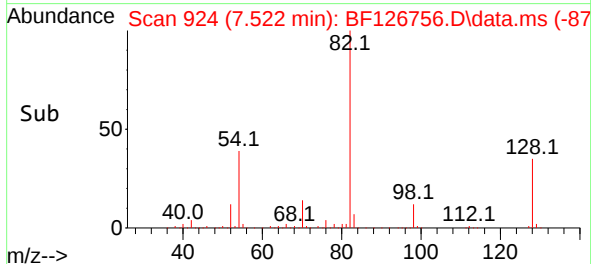
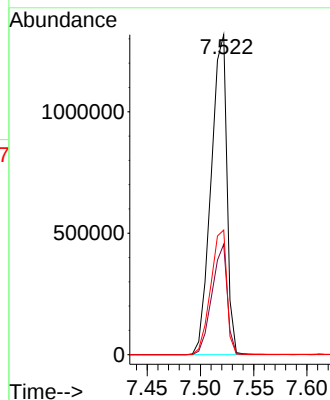
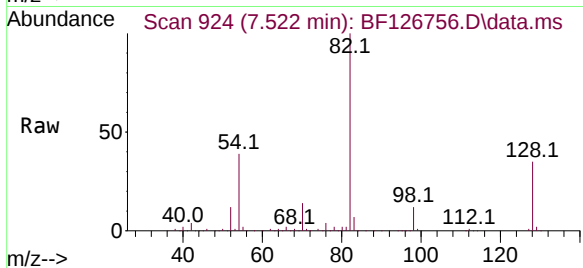
BNA_F

ClientSampleId :

TEX-3

Tgt Ion: 82 Resp: 1366042

Ion	Ratio	Lower	Upper
82	100		
128	34.5	32.7	49.1
54	38.9	41.7	62.5



#25

Isophorone

Concen: 44.709 ng

RT: 7.522 min Scan# 924

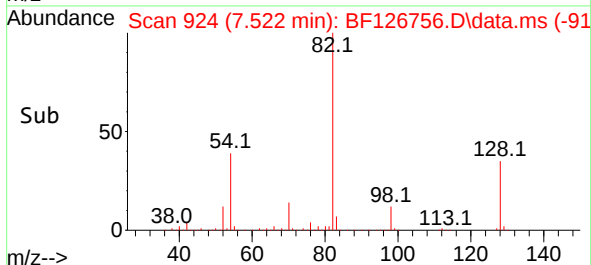
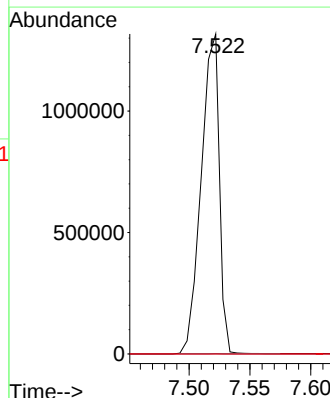
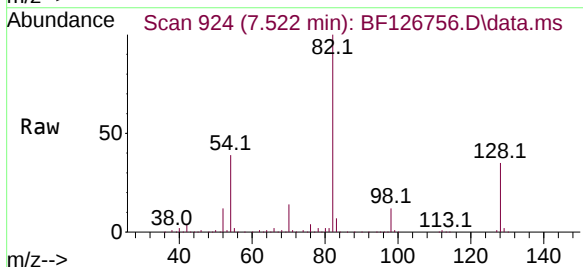
Delta R.T. -0.259 min

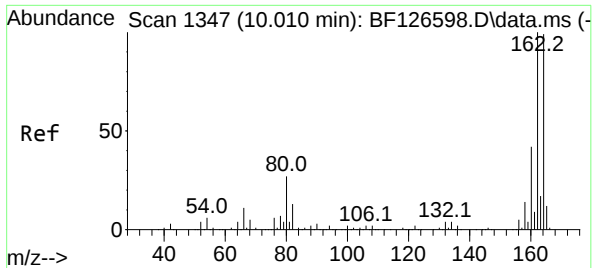
Lab File: BF126756.D

Acq: 31 Jan 2022 17:34

Tgt Ion: 82 Resp: 1359213

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.0	7.4
138	0.0	12.3	18.5

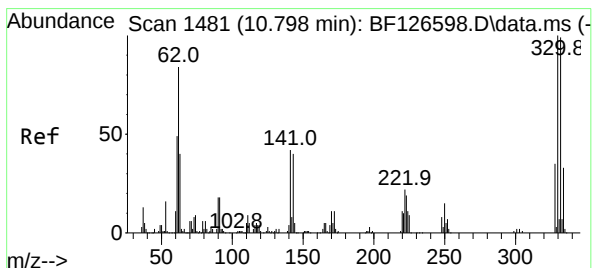
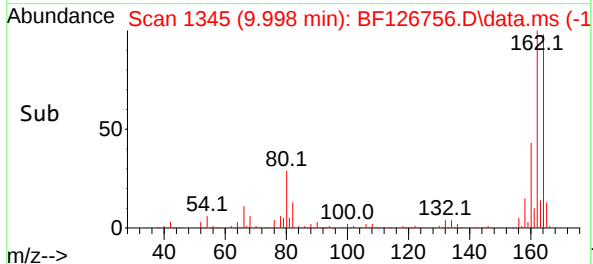
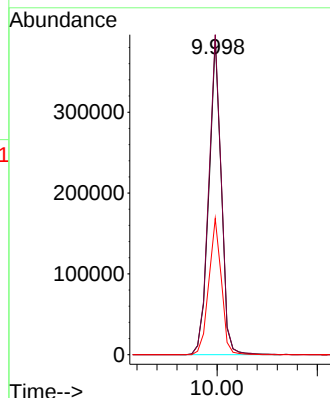
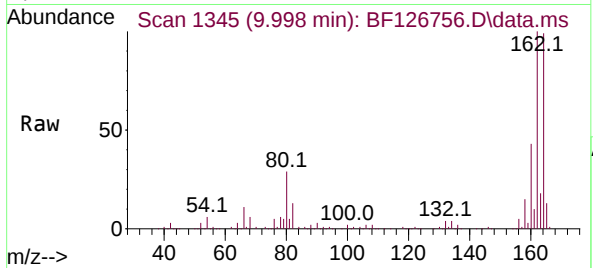




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.998 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF126756.D
Acq: 31 Jan 2022 17:34

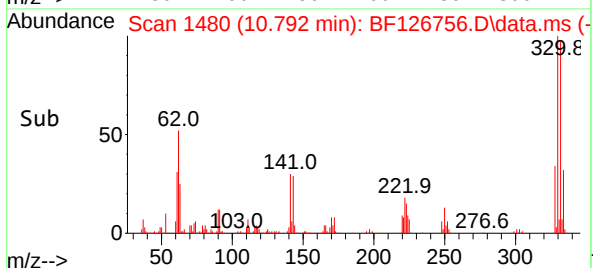
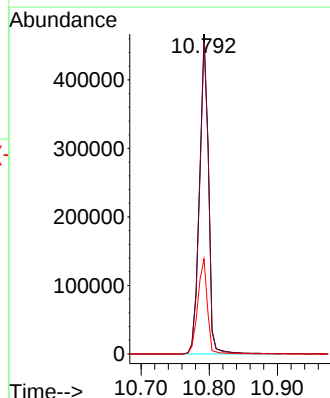
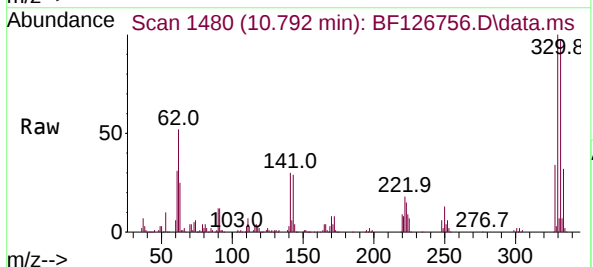
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ClientSampleId :
TEX-3

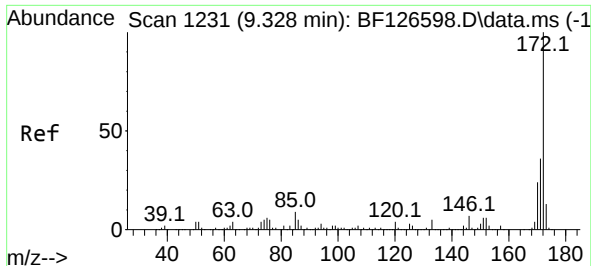
Tgt Ion:164 Resp: 336903
Ion Ratio Lower Upper
164 100
162 101.3 81.4 122.0
160 43.1 36.6 54.8



#42
2,4,6-Tribromophenol
Concen: 136.039 ng
RT: 10.792 min Scan# 1480
Delta R.T. 0.000 min
Lab File: BF126756.D
Acq: 31 Jan 2022 17:34

Tgt Ion:330 Resp: 428917
Ion Ratio Lower Upper
330 100
332 97.7 76.0 114.0
141 31.5 30.1 45.1

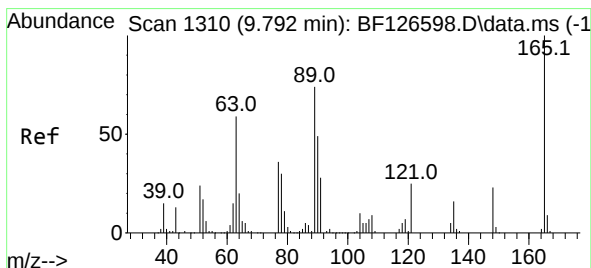
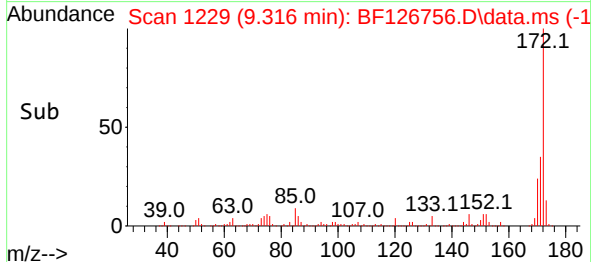
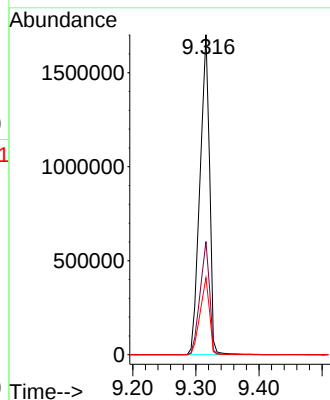
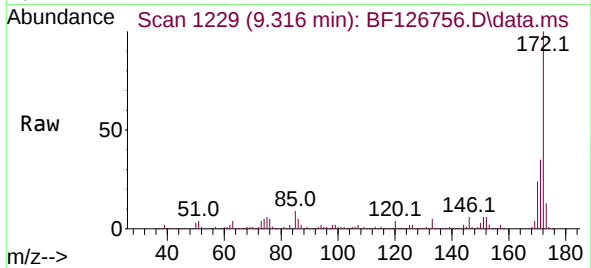




#45
2-Fluorobiphenyl
Concen: 81.850 ng
RT: 9.316 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF126756.D
Acq: 31 Jan 2022 17:34

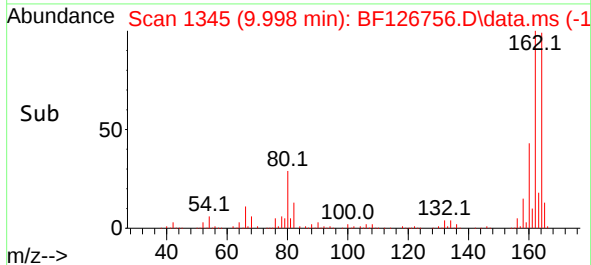
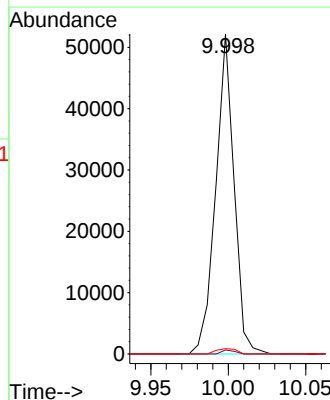
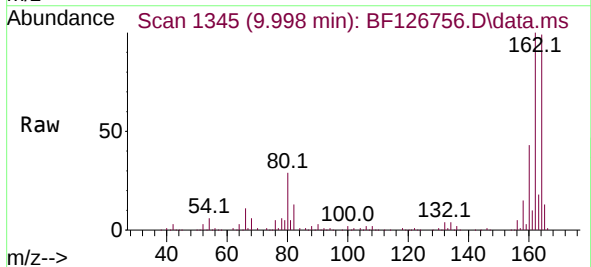
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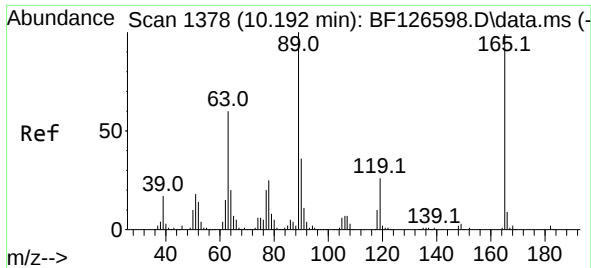
Tgt Ion:172 Resp: 1800549
Ion Ratio Lower Upper
172 100
171 35.3 28.3 42.5
170 24.1 19.0 28.6



#51
2,6-Dinitrotoluene
Concen: 10.406 ng
RT: 9.998 min Scan# 1345
Delta R.T. 0.218 min
Lab File: BF126756.D
Acq: 31 Jan 2022 17:34

Tgt Ion:165 Resp: 42965
Ion Ratio Lower Upper
165 100
63 1.2 48.4 72.6#
89 1.7 50.5 75.7#

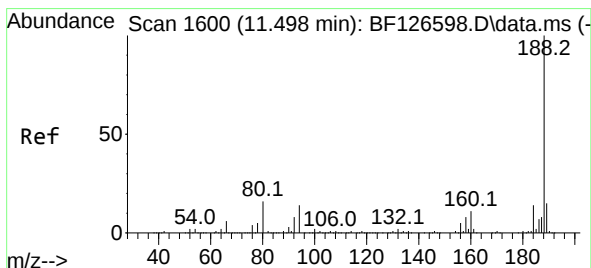
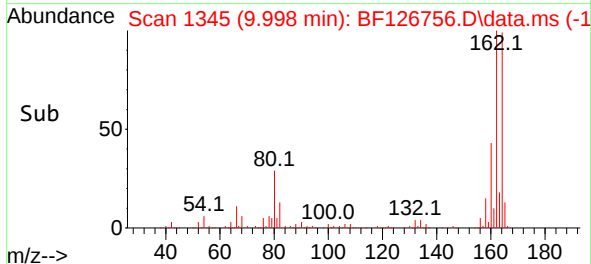
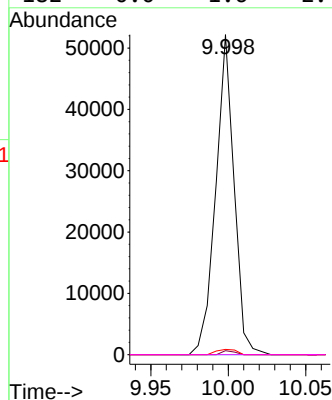
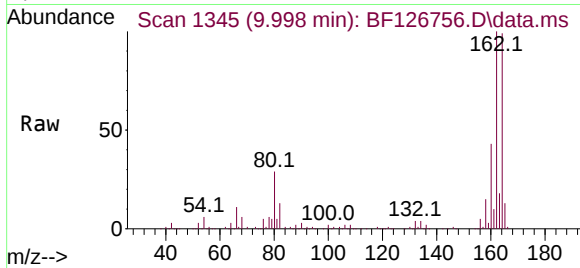




#57
2,4-Dinitrotoluene
Concen: 8.587 ng
RT: 9.998 min Scan# 11
Delta R.T. -0.188 min
Lab File: BF126756.D
Acq: 31 Jan 2022 17:34

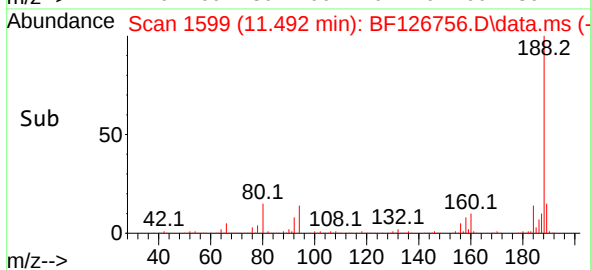
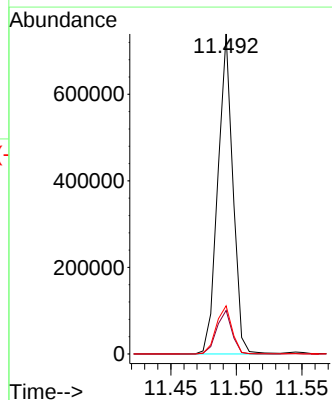
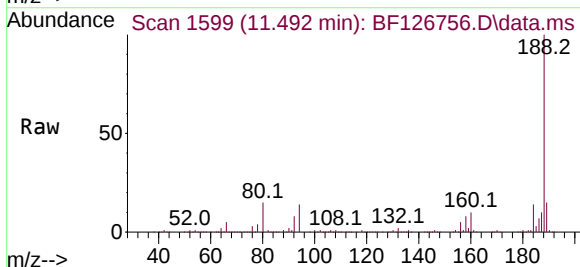
Instrument :
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TEX-3

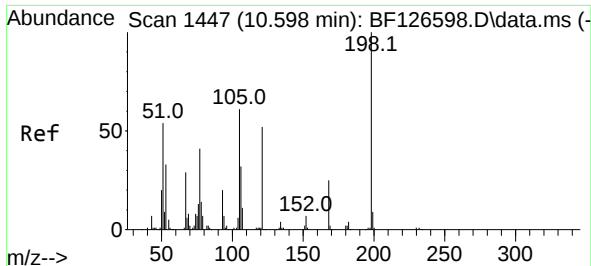
Tgt Ion:165 Resp: 42965
Ion Ratio Lower Upper
165 100
63 1.2 43.0 64.6#
89 1.7 71.0 106.4#
182 0.0 1.6 2.4#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.492 min Scan# 1599
Delta R.T. 0.000 min
Lab File: BF126756.D
Acq: 31 Jan 2022 17:34

Tgt Ion:188 Resp: 589437
Ion Ratio Lower Upper
188 100
94 13.6 10.1 15.1
80 15.0 11.8 17.6

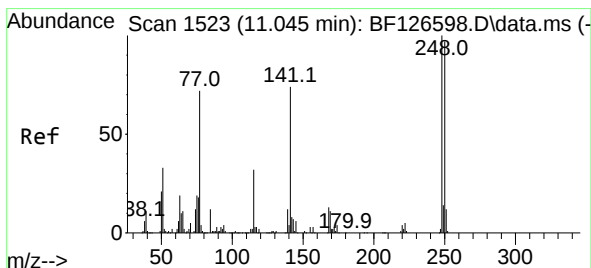
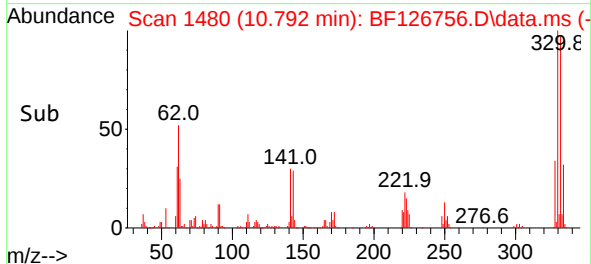
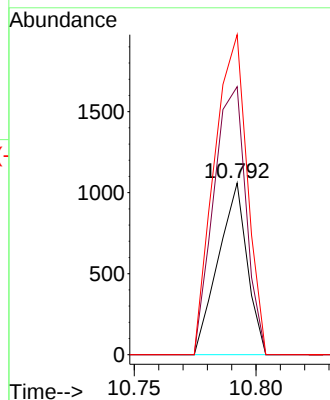
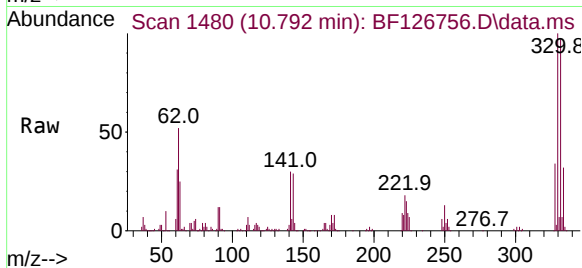




#65
4,6-Dinitro-2-methylphenol
Concen: 7.635 ng
RT: 10.792 min Scan# 1447
Delta R.T. 0.200 min
Lab File: BF126756.D
Acq: 31 Jan 2022 17:34

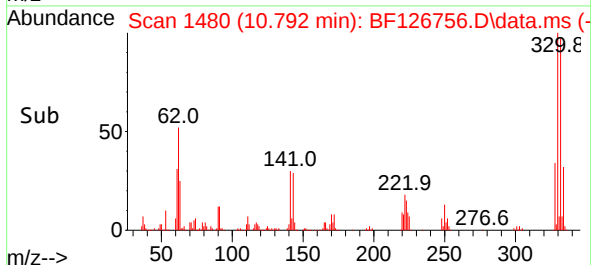
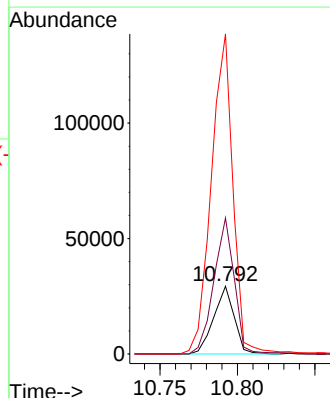
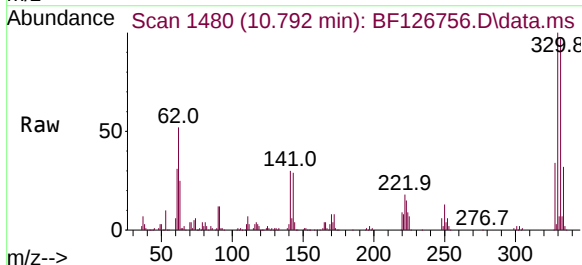
Instrument :
BNA_F
ClientSampleId :
TEX-3

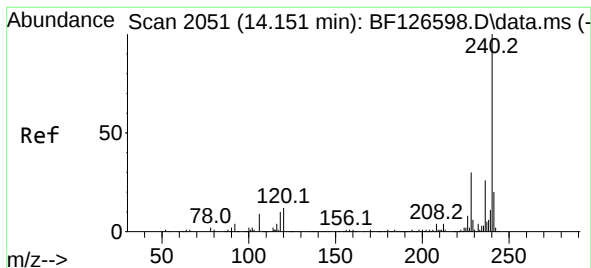
Tgt Ion:198 Resp: 875
Ion Ratio Lower Upper
198 100
51 156.0 32.0 72.0#
105 186.3 32.7 72.7#



#67
4-Bromophenyl-phenylether
Concen: 3.970 ng
RT: 10.792 min Scan# 1480
Delta R.T. -0.241 min
Lab File: BF126756.D
Acq: 31 Jan 2022 17:34

Tgt Ion:248 Resp: 26972
Ion Ratio Lower Upper
248 100
250 201.1 76.2 114.4#
141 472.9 66.2 99.4#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.139 min Scan# 2049

Delta R.T. -0.006 min

Lab File: BF126756.D

Acq: 31 Jan 2022 17:34

Instrument :

BNA_F

ClientSampleId :

TEX-3

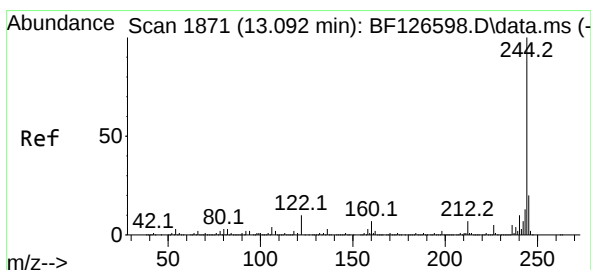
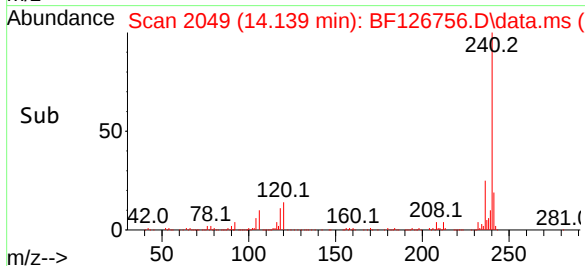
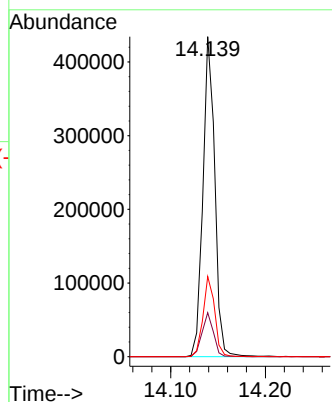
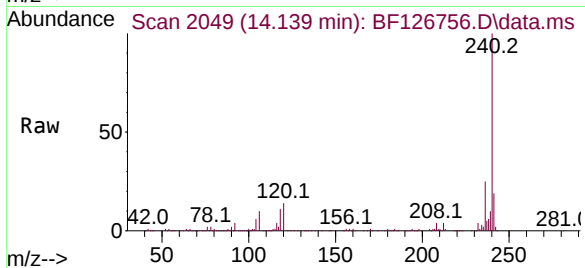
Tgt Ion:240 Resp: 379376

Ion Ratio Lower Upper

240 100

120 13.8 14.4 21.6#

236 25.1 20.5 30.7



#79

Terphenyl-d14

Concen: 85.409 ng

RT: 13.086 min Scan# 1870

Delta R.T. 0.006 min

Lab File: BF126756.D

Acq: 31 Jan 2022 17:34

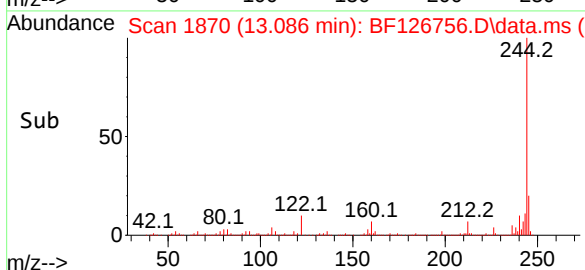
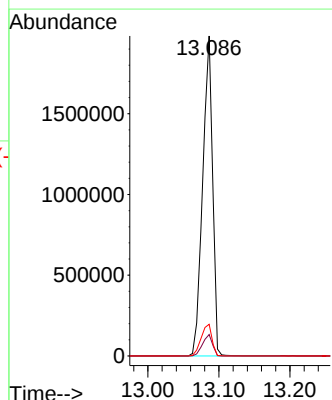
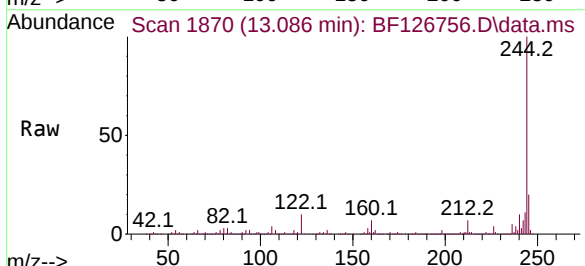
Tgt Ion:244 Resp: 1931848

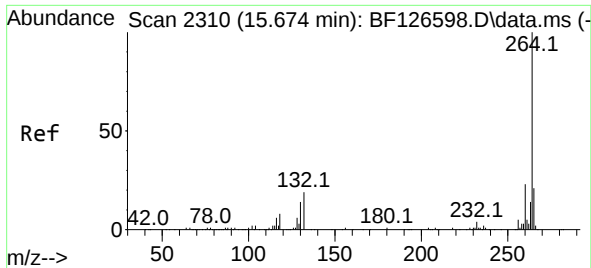
Ion Ratio Lower Upper

244 100

212 6.7 5.0 7.4

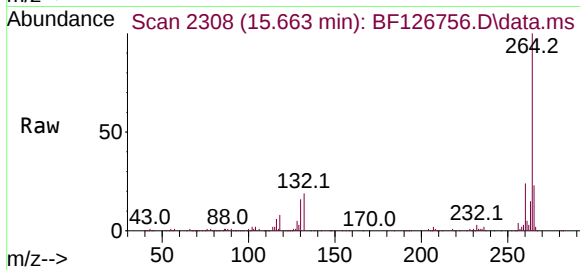
122 9.9 13.3 19.9#





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.663 min Scan# 21
Delta R.T. 0.000 min
Lab File: BF126756.D
Acq: 31 Jan 2022 17:34

Instrument :
BNA_F
ClientSampleId :
TEX-3



Tgt Ion:264 Resp: 289407
Ion Ratio Lower Upper
264 100
260 24.0 19.2 28.8
265 22.6 17.4 26.2

